FOCUS
INDUSTRIES®

landscape • architectural • hospitality • entertainment • *illumination*

go green
led solutions

ILLUMINATION

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Exterior Lighting **Product Catalog**

MEMBER OF

ALCA   ASLA   CLCA   DLF   IES   THE IRRIGATION ASSOCIATION   TNLA

Landscape Lighting extends the hours of outdoor enjoyment and viewing, providing safe passage and transition into and out of any area. We beautify all that is natural or man-made in our exterior environment. Our fixtures blend unobtrusively into any surrounding, harmonizing with both nature and architecture. There are no limitations as to use. With the right tools any landscape lighting design becomes an easy task. Let FOCUS products help your dream come alive.

Seeing is believing…

DESIGNED   **MANUFACTURED**   **OWNED**

We pride ourselves in creating solutions for any lighting application.
We welcome and encourage custom designs and finishes.

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landscape • architectural • hospitality • entertainment • *illumination*

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FOCUS INDUSTRIES

AL	Area Lights
DL	Directional Lights
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PGL	Putting Green Lights
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ETL LISTED
c ... us
Intertek

3
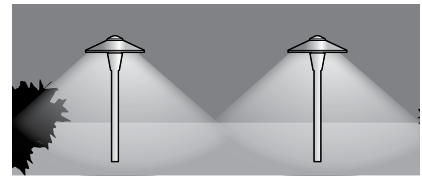
AREA LIGHTING fills in low-level areas of a landscape with light, and may be used to define perimeters, highlight areas of interest and provide a margin of safety along pathways.

ADJUSTABLE HUB

RECOMMENDED
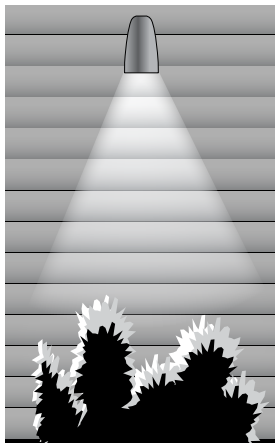
DOWN LIGHTING can highlight interesting textures, greenery or statuary. It simulates natural lighting, coming from above.

OUTDOOR KITCHEN LIGHTING

BARBECUE LIGHTING is the elegant alternative to a flashlight and is indispensible to the outdoor chef.
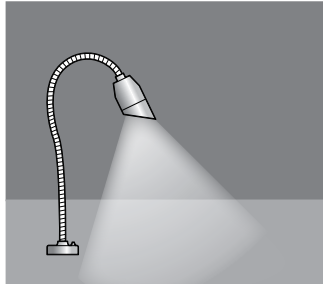
HANGING LIGHTING is a decorative way to illuminate an outdoor area, such as a patio, deck, eave, awning or archway.
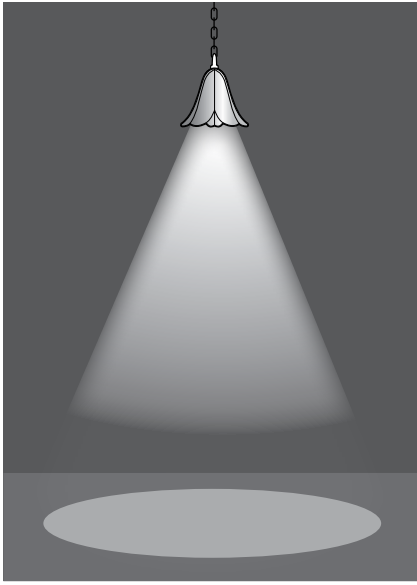
SHADOWING will cast a shadow of a foreground object onto a vertical structure behind. Placing the fixture nearer to the object will cast a larger shadow behind.

SILHOUETTING lights are placed behind an object with interesting structure and best results are obtained when the light is focused onto a vertical surface.

STEP, DECK OR BRICK LIGHTING allows the safe navigation of stairways by displaying the steps themselves as well as framing the edges of risers, walkways and decks.
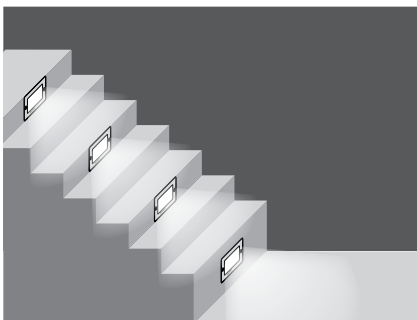
SPOT LIGHTING ultilizes a tight cone of light to isolate specimen objects or to generate interesting textures from greenery focusing on key elements creating high contrast.
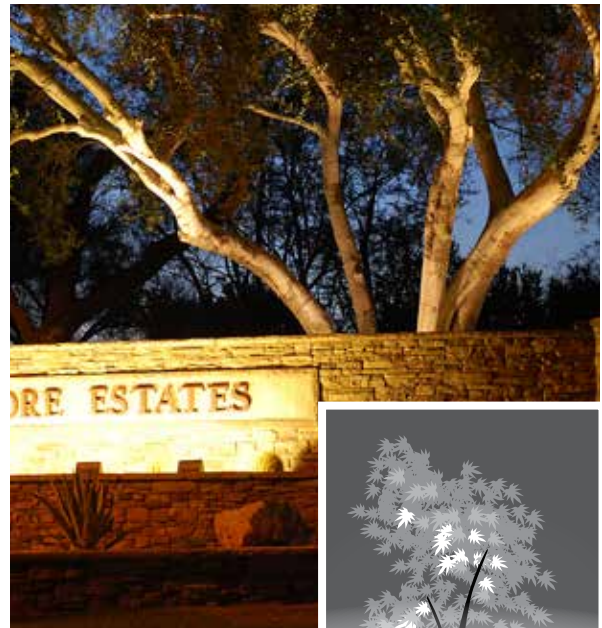
FLOOD LIGHTING is similar to spot lighting, except it ultilizes a broader spread of light for coverage over a larger area.
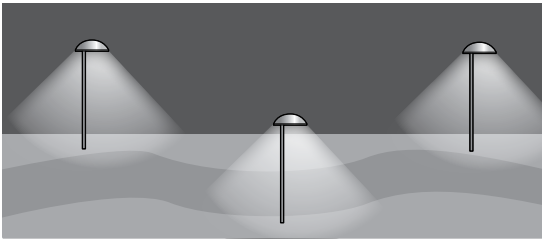
PATH LIGHTING is used to illuminate a safe avenue along a walkway. It may also be used to highlight ground cover and perimeters.

PUTTING GREEN LIGHTING can accentuate a golf course or private putting green.
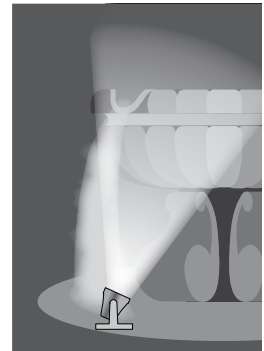
UNDERWATER LIGHTING may be used in or out of water to dramatically enhance fountains, spillways, statues and waterfalls to best effect. It is recommended to illuminate all viewable areas.

ENHANCEMENTS

Focus is the industry leader when it comes to offering the widest variety of options to tailor a fixture to an exacting application. Depicted is just some of the many configurations with which a typical AL-04 fixture can be outfitted.

12v. fixtures: 25 foot 16/2 fixture lead wire available; add -25F to catalog number. For use with Focus CPC or hub supplied by others.

3mni LED

LED
(-LED3)
50,000-hour
Select models available
with Flat Panel LED

13 powder coat finishes available; 2 acid rust finishes available for copper and brass fixtures

GO*GREEN*

Incandescent, Halogen, Xenon & LED lamps

Incandescent   Halogen
(-H)
10,000 hour
available (-H10K)

Xenon
(-X)
10,000-hour

Rust
(-RST)

Antique Verde
(-ATV)

Rubbed Verde
(-RBV)

Hunter Texture
(-HTX)

Sprinkler/Glare Shield
Added protection from water as well as glare control

FA-97

Materials available: aluminum or brass (some models also available in copper stainless steel or composite)

Adjustable Hub
Vary lighting spread patterns in real-time
(Not available on -LEDP models)

Chrome Powder
(-CPR)

Bronze Texture
(-BRT)

Weathered Iron
(-WIR)

Weathered Brown
(-WBR)

Black Texture
(-BLT)
Standard finish
for aluminum fixtures

(-AH)

| 10 | 8 | 6 | 4 | 2 | Feet | 2 | 4 | 6 | 8 | 10 |
| 3 | | 2 | | 1 | Meters | 1 | | 2 | | 3 |

Light Distribution

White Texture
(-WTX)

Camel Tone
(-CAM)

Stucco
(-STU)

FA-24-BRS   FA-24MD-CST-BLT   FA-22-COP   FA-24-LG-BRS

For Brass:
Black Acid
Treatment
(-BAT)

For Brass:
Brass Acid Verde
(-BAV)
For Copper:
Copper Acid Verde
(-CAV)

For Brass:
Brass Acid Rust
(-BAR)
For Copper:
Copper Acid Rust
(-CAR)
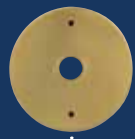
FA-03
supplied

FA-03-RX
FA-03-RXBRS

FA-03-3P

FA-03-LG

FA-24MD
BLT-POST

FA-01-BRS

Focus offers a variety of mounting systems to securely mount your fixture in any application.
See "Mounting Devices" section for more details.

FA-25-BRS, FA-26-BRS

Custom finishes and products available; contact factory for details

POWDER COAT OPERATIONS

Focus Industries incorporates a state-of-the-art fully computerized powder coating system to apply an extensive array of colors to virtually any fixture. Fixtures undergo a comprehensive 7-step cleaning process to ensure superior and durable coating adhesion of the pigment, all in an environmentally-friendly process. Turnaround time is dramatically reduced compared to manfacturers with less sophisticated capabilities.

Black Texture (-BLT)
Standard for aluminum

White Texture (-WTX)

Bronze Texture (-BRT)

Rust (-RST)

Antique Verde (-ATV)

Rubbed Verde (-RBV)

Hunter Texture (-HTX)

Weathered Brown (-WBR)

Stucco (-STU)

Weathered Iron (-WIR)

Camel Tone (-CAM)

Chrome Powder (-CPR)

-CAV

For Brass: Brass Acid Rust (-BAR)
For Copper: Copper Acid Rust (-CAR)

For Brass: Brass Acid Verde (-BAV)
For Copper: Copper Acid Verde (-CAV)

For Brass or Copper
Black Acid Treatment (-BAT)

9

Custom finishes and products available; contact factory for details

New from FOCUS INDUSTRIES

DIRECTIONAL LIGHTING
- Adjustable cast brass swivel
- Clear tempered convex glass lens
- Black ABS mounting stake supplied

RXD-01-BAR

RXD-02-COP

THE REMEDY

RXD-02TS-COP

RXD-08-LEDBRS

Same great FOCUS quality with a reduced price

AREA LIGHTING
- Adjustable hub
- Black ABS mounting stake supplied

RXA-01-SS

RXA-02-COP

RXA-03-COP

SURFACE LIGHTING
- Adjustable aiming bracket
- Clear tempered convex glass lens
- Copper J-Box
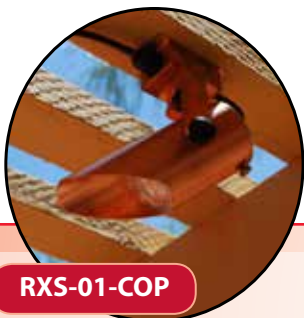
RXS-01-COP

RXS-02-COP

RXS-03-COP

HANGING LIGHTING
- Clear temperedconvex glass lens
- 18" brass chain
- 12" brass pendent
- Copper J-Box
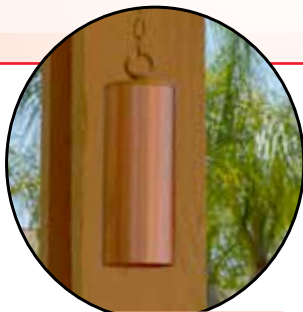
RXS-04-COP

RXS-05-COP

RXS-06-COP

New Designs From Focus

AL 21 SERIES SPECIFICATIONS:

CONSTRUCTION AL-21: Spun copper 7" china hat with matching extruded 12" stanchion and 12" telescopic interior stem for height adjustability up to 26"; with brass accents.

AL-21S4: Copper 4" China hat with matching 12" **fixed** stem

AL-21S3: Copper 3" China hat with matching 12" **fixed** stem

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

**SOCKET AL-21:** High temperature ceramic GZ4 bi-pin with 250° C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING AL-21: FA-03-RX Brass 7" stake, tapped 1/2" NPS

FINISH: Unfinished copper–optional finishes available

CATALOG NO.	DESCRIPTION
AL-21-LED3COP	7" China Hat with adjustable stem
AL-21S4-LED3COP	4" China Hat with fixed stem
AL-21S3-LED3COP	3" China Hat with fixed stem

CE ETL Intertek

AL-21-LED3COP
3w Omni-3 LEDBP (25w max)
Spun Copper

AL-21Telescopic Stem Expands to 26"

AL-21S4   AL-21   AL-21S3

Omni 3mni LEDS by CREE LED

Feet	2	4	6	8	10	12
Meters		1		2		3

fc	104	38.6	15.8	2.2	fc	Min.						
lux	1119	415	170	24	lux							
fc	65.1	33.2	20.6	12.2	7.0	5.1	3.8	2.9	2.2	1.7	1.4	1.1	Max.
lux	701	357	222	131	75	55	41	31	24	18	15	12

7"   Up to 26"   4"   3"

17"   17"   17"

7"   7"   7"
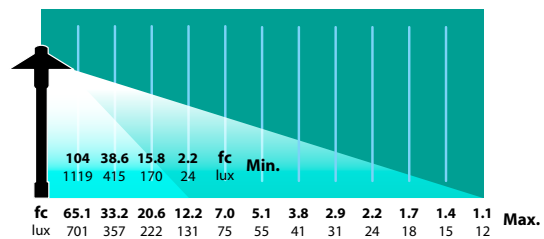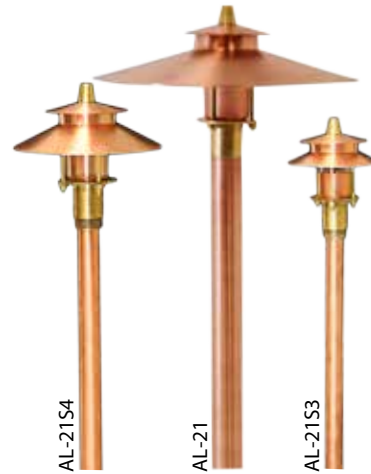
AL-21   **AL-21S4**   **AL-21S3**

AL-21-LED3COP
3w Omni-3 LEDBP (25w max)
Spun Copper
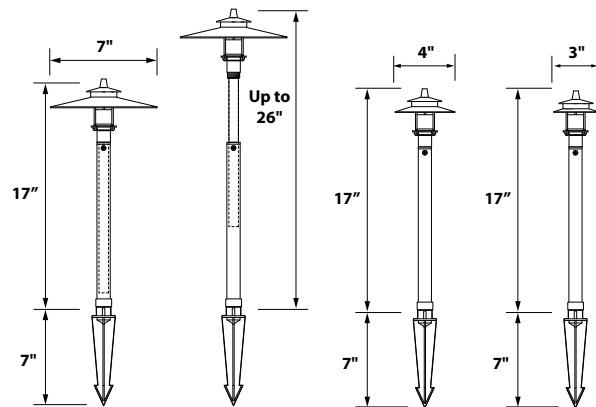
New Designs From Focus

001 Sandstone

009 Plumeria

003 Circles

AL-18CY-CSM TORCH SPECIFICATIONS

CONSTRUCTION: Stainless steel, 24 gauge (.024 thickness) outer cylinder with Plasma Cut design, brass base, cast brass pipe adapter & internal parts. Stainless Steel interior perforated flame diffuser.

NATURAL GAS USAGE (AL-18-CYNG): 22,500 BTU/Hour normal inlet pressure 7" water column

PROPANE GAS USAGE (AL-18-CYP): 17,000 BTU/Hour normal inlet pressure 11" water column

INSTALLATION: 1" cast brass adapter has standard female NPT pipe threads for connection to 1" steel pipe (supplied by others)

VALVE: 1" brass shut-off valve required (supplied by others)

IGNITION: Manual ignition with extended lighter

FINISH: Unfinished

1" or 3/4" Brass shut-off valve required (Supplied by others).

Mounts on 1" or 3/4" Galvanized steel pipe (Supplied by others).

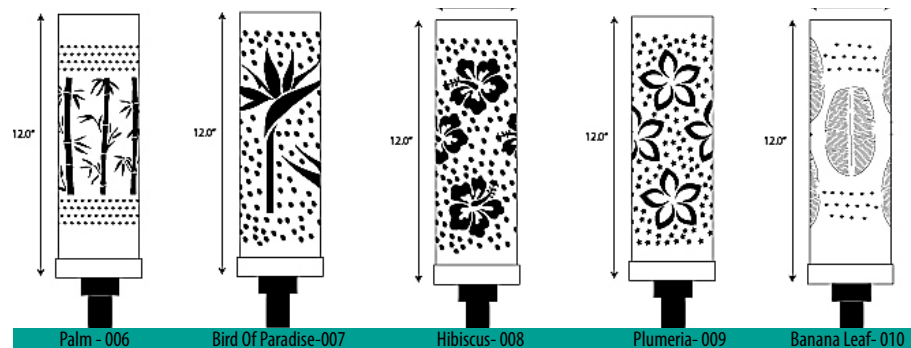| Catalog Number	Description
AL-18CY-001-NGSS	Laser Cut Stainless Steel Natural Gas Focus Torch, Sandstone Design
AL-18CY-002-NGSS	Laser Cut Stainless Steel Natural Gas Focus Torch, Heleconia Design
AL-18CY-003-NGSS	Laser Cut Stainless Steel Natural Gas Focus Torch, Circles Design
AL-18CY-004-NGSS	Laser Cut Stainless Steel Natural Gas Focus Torch, Palm Design
AL-18CY-005-NGSS	Laser Cut Stainless Steel Natural Gas Focus Torch, Wave Design
AL-18CY-006-NGSS	Laser Cut Stainless Steel Natural Gas Focus Torch, bamboo Design
AL-18CY-007-NGSS	Laser Cut Stainless Steel Natural Gas Focus Torch, Bird of Paradise Design
AL-18CY-008-NGSS	Laser Cut Stainless Steel Natural Gas Focus Torch, Hibiscus Design
AL-18CY-009-NGSS	Laser Cut Stainless Steel Natural Gas Focus Torch, Plumeria Design
AL-18CY-010-NGSS	Laser Cut Stainless Steel Natural Gas Focus Torch, Banana Leaf Design
AL-18CY-001-PSS	Laser Cut Stainless Steel Propane Focus Torch, Sandstone Design
AL-18CY-002-PSS	Laser Cut Stainless Steel Propane Focus Torch, Heleconia Design
AL-18CY-003-PSS	Laser Cut Stainless Steel Propane Focus Torch, Circles Design
AL-18CY-004-PSS	Laser Cut Stainless Steel Propane Focus Torch, Palm Design
AL-18CY-005-PSS	Laser Cut Stainless Steel Propane Focus Torch, Wave Design
AL-18CY-006-PSS	Laser Cut Stainless Steel Propane Focus Torch, bamboo Design
AL-18CY-007-PSS	Laser Cut Stainless Steel Propane Focus Torch, Bird of Paradise Design
AL-18CY-008-PSS	Laser Cut Stainless Steel Propane Focus Torch, Hibiscus Design
AL-18CY-009-PSS	Laser Cut Stainless Steel Propane Focus Torch, Plumeria Design
AL-18CY-010-PSS	Laser Cut Stainless Steel Propane Focus Torch, Banana Leaf Design

ACCESSORIES

FA-SB-PVC6U	PVC Simulated Bamboo Stem, Unfinished
FA-SB-PVC6P	PVC Simulated Bamboo Stem, Brown
FA-SB-PVC6B	PVC Simulated Bamboo Stem, Black
FA-SB-PVC6G	PVC Simulated Bamboo Stem, Green

Sandstone - 001 | Heliconia - 002 | Circles- 003 | Palm- 004 | Wave- 005

Palm - 006 | Bird Of Paradise-007 | Hibiscus- 008 | Plumeria- 009 | Banana Leaf- 010
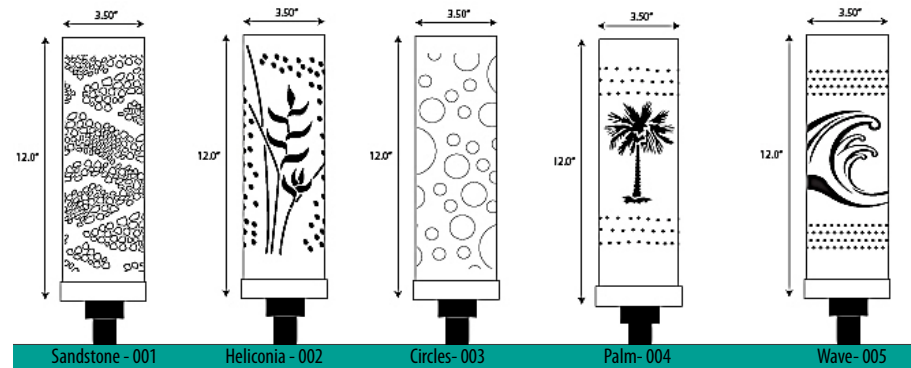
PL-23-LEDPBRS
4w LED Panel
Brass

PL-23 SPECIFICATIONS:

CONSTRUCTION: Extruded 2.25" square aluminum or brass.

LED SUPPLIED: 12v, 4w, 300 lumen integrated LED flat panel, warm white 3000K (-LEDP)

LED OPTIONS: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS: We recommend 10,000 hours average rating 20w Xenon (-X) or halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires.
No socket for LED models

LED LIFETIME RATING: 50,000 Hours

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS (PL-22-DM)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

50,000 HOUR LED FLAT PANEL

OMNI LED — LEDS by CREE

PL-23-LEDPBAR
4w LED Panel
Brass

CATALOG NO.	DESCRIPTION
PL-23DM-18LEDPBLT	18" Square Aluminum Bollard
PL-23DM`-18LEDPBRS	18" Square Brass Bollard
PL-23DM-24LEDPBLT	24" Square Aluminum Bollard
PL-23DM-24LEDPBRS	24" Square Brass Bollard

Angle Cut Version: No stake required 10" of total length designed to go in ground for 18" & 24" above ground height

PL-23-28LEDPBLT	28" Square Aluminum Bollard
PL-23-28LEDPBRS	28" Square Brass Bollard
PL-23-34LEDPBLT	34" Square Aluminum Bollard
PL-23-34LEDPBRS	34" Square Brass Bollard

2.25" x 2.25" 57mm — 18" 457mm

2.25" x 2.25" 57mm — 24" 610mm

2.25" x 2.25" 57mm — 28" 711mm

28" angle cut side view

2.25" x 2.25" 57mm — 34" 863mm

34" angle cut side view

CE   ETL Intertek   IP54

New Designs From Focus

SL-57C-LEDP412V-RST
4w LED Panel
Aluminum

SL-57 SERIES SPECIFICATIONS:

CONSTRUCTION:
SL-57-C: Extruded square aluminum or brass housing with matching canopy
SL-57-J: Extruded square aluminum or brass housing with matching backplate for mounting over single gang junction boxes

LENS: None

LED SUPPLIED: 12v, 4w 300 lumen or 12v, 2w 150 lumen integrated round LED flat panel, warm white 3000K; optional cool white 5200K available (add -52 after wattage in part number)

LIFETIME RATING: 50,000 hours

12V DRIVER: 4w 350mA output, 12v AC input. Voltage range of 9 to 18 volts with optimum operating range of 10 to 15 volts for consistent performance and brightness. For use with magnetic transformers only.

120V DRIVER: 6w 350mA output, 120-277AC input

SOCKET: None - LED is hard wired inside fixture

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v: Standard black, white, green

MOUNTING: SL-57-C: Mounting plate with hardware and color matching thumb screws
SL-57-J: Two matching screws

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

SL-57-RJ
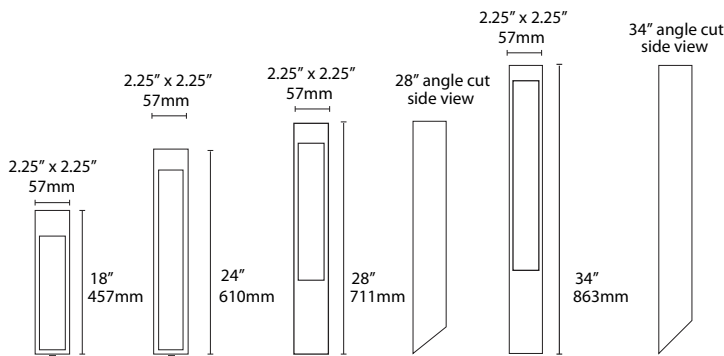
SL-57-J

CATALOG NO.	DESCRIPTION
SL-57-CLEDP412VBLT	Aluminum Surface Light, canopy, 12v driver
SL-57-CLEDP212VBLT	Aluminum Surface Light, canopy, 12v driver
SL-57-CLEDP412VBRS	Brass Surface Light, canopy, 12v driver
SL-57-CLEDP212VBRS	Brass Surface Light, canopy, 12v driver
SL-57-JLEDP412VBLT	Aluminum J-box cover Light, 12v driver
SL-57-JLEDP212VBLT	Aluminum J-box cover Light, 12v driver
SL-57-JLEDP412VBRS	Brass J-box cover Light, 12v driver
SL-57-JLEDP212VBRS	Brass J-box cover Light, 12v driver
SL-57-RJLEDP412VBLT	Round Aluminum J-box cover Light, 12v driver
SL-57-RJLEDP212VBLT	Round Aluminum J-box cover Light, 12v driver
SL-57-RJLEDP412VBRS	Round Brass J-box cover Light, 12v driver
SL-57-RJLEDP212VBRS	Round Brass J-box cover Light, 12v driver

Note: For 120v models change "12V" in part number to "120V"

SL-57(2w) Half Spread Photometrics

Feet	foot-candles (lux)	Meters
6	1.0 (11)	2.0
5	1.7 (18)	1.5
4	3.2 (34)	
3	0.9 (10) — 6.4 (69)	1.0
2	9.8 (105) — 39.9 (429)	0.5
1	80.6 (868) — 133 (1435)	
0	1 2 3 4 5 6 7 8 9 Feet	
	0.5 1.0 1.5 2.0 2.5 Meters	

SL-57 (4w) Half Spread Photometrics

Feet	foot-candles (lux)	Meters
6	0.3 (3)	2.0
5	0.4 (4) — 2.5 (27)	1.5
4	4.9 (53) — 8.6 (93)	1.0
3	10.4 (112) — 15.9 (171)	
2	16.8 (181) — 26.8 (288)	0.5
1	32.8 (353) — 37.8 (407)	
0	1 2 3 4 5 6 7 8 9 Feet	
	0.5 1.0 1.5 2.0 2.5 Meters	

SL-57-C
1.125" / 29mm
3.5" / 89mm
3.5" / 89mm
3.5" / 89mm

SL-57-J
2.875" / 73mm
4.625" / 117mm
3.25" on center
2.375" / 60mm

SL-57-C
2.875" / 73mm
4.625" / 117mm
3.25" on center
2.375" / 60mm

50,000 HOUR LED FLAT PANEL

CE ETL LISTED c us Intertek

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IP54
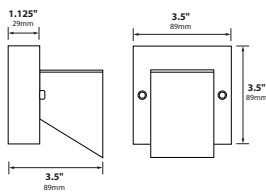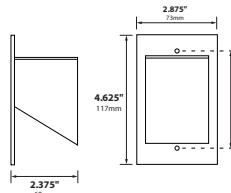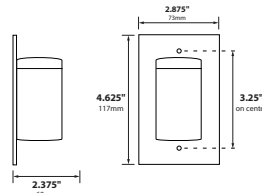
New Designs From Focus

SL-58-LEDPCPR
4w LED Panel
Aluminum

SL-58 SPECIFICATIONS

CONSTRUCTION: Extruded 2.25" square aluminum or brass.

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires.
No socket for LED Panel models

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only
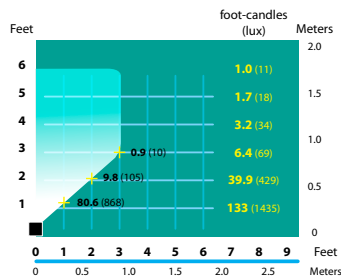
MOUNTING: Two keyhole slots, two screws provided

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

SL-58-LEDPCPR
4w LED Panel
Aluminum

CATALOG NO.	DESCRIPTION
SL-58-2WLEDPBLT	Square Aluminum Wall Mount Light
SL-58-2WLEDPBRS	Square Brass Wall Mount Light
SL-58-LEDPBLT	Square Aluminum Wall Mount Light
SL-58-LEDPBRS	Square Brass Wall Mount Light

2.25"
57mm

8.25"
210mm

CE · ETL Intertek · IP54

Omni 3 LEDS by CREE LED

50,000 HOUR LED FLAT PANEL
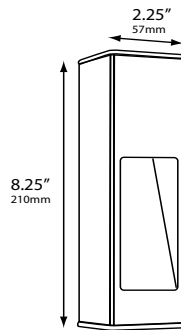
New Designs From Focus

LFL-01-LEDP12BLT
12w LED Panel
Aluminum

LFL-01-LEDP12W SPECIFICATIONS

CONSTRUCTION: Extruded aluminum floodlight with cast aluminum adjustable swivel. Heavy-duty stamped aluminum Hood Extension available (add -HE to part number)

LENS: High impact clear acrylic

REFLECTOR: Highly polished specular aluminum

LIGHT SOURCE: *Each* LED Panel is:12v, 12w, 1080 lumens integrated LED flat panel, warm white 3000K or 12v, 12w, 1160 lumens integrated LED flat panel, coolwhite 5200K (add-52 to part number)

LIFETIME RATING: 50,000 hours

SOCKET: None

12V INTERNAL DRIVER: 12w output, 12v AC input. Voltage range of 9 to 18 volts with optimum operating range of 10 to 15 volts for consistent performance and brightness. For use with magnetic transformers only.

120V INTERNAL DRIVER: 12w output, 120v 20/60Hz input. 240v/277v internal drivers also available

WIRING 12v: Black 3 foot 18/2 zip cord from base of fixture (12v only) For 25 foot 16/2 fixture lead wire add -25F to catalog number.

WIRING 120v: Standard 120v Black, White and Ground 9" lead wires

MOUNTING 12v: FA-03LG black 9" ABS stake, tapped 1/2" NPS

MOUNTING 120v: None supplied.

FINISH: Black texture polyester powder coat. Optional finishes available

LFL-01-2LEDP12BLT
2x 12w LED Panel
Aluminum

CATALOG NO.	DESCRIPTION
LFL-01-LEDP1212VBLT	Aluminum Floodlight
LFL-01-HELEDP1212VBLT	Aluminum Floodlight, hood extension
LFL-01-LEDP12120VBLT	Aluminum Floodlight
LFL-01-HELEDP12120VBLT	Aluminum Floodlight, hood extension
LFL-01-LEDP12240VBLT	Aluminum Floodlight
LFL-01-HELEDP12240VBLT	Aluminum Floodlight, hood extension
LFL-01-LEDP12277VBLT	Aluminum Floodlight
LFL-01-HELEDP12277VBLT	Aluminum Floodlight, hood extension
LFL-01-2LEDP1212VBLT	Aluminum Floodlight
LFL-01-HE2LEDP1212VBLT	Aluminum Floodlight, hood extension
LFL-01-2LEDP12120VBLT	Aluminum Floodlight
LFL-01-HE2LEDP12120VBLT	Aluminum Floodlight, hood extension
LFL-01-2LEDP12240VBLT	Aluminum Floodlight
LFL-01-HE2LEDP12240VBLT	Aluminum Floodlight, hood extension
LFL-01-2LEDP12277VBLT	Aluminum Floodlight
LFL-01-HE2LEDP12277VBLT	Aluminum Floodlight, hood extension
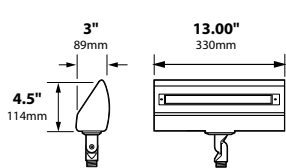
IP44 CE ETL Intertek

50,000 HOUR LED FLAT PANEL

LFL-01-LEDP12 — 3"/89mm, 4.5"/114mm, 13.00"/330mm
LFL-01-HELEDP12 — 3"/89mm, 6.3"/160mm, 13.00"/330mm
LFL-01-LEDP24 — 3"/89mm, 4.5"/114mm, 13.00"/330mm
LFL-01-HELEDP24 — 3"/89mm, 6.3"/160mm, 13.00"/330mm
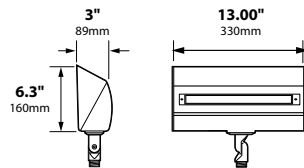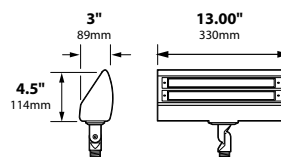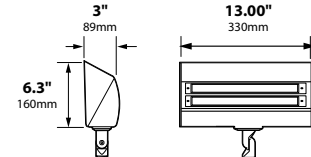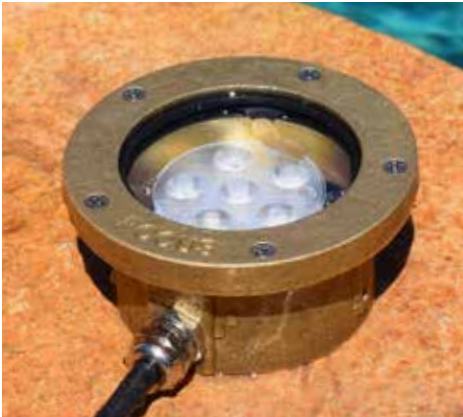
SL-11-LEDM1140BRS
11w LED Module
Brass

SL-11-LEDM SERIES SPECIFICATIONS

CONSTRUCTION: Cast brass body and cap; 316 Stainless Steel screws; Brass nickel-plated PG-9 liquid tight straight bushing

LENS: High impact clear tempered flat glass

LIGHT SOURCE: 7w, 11w or 15w Integrated LED Module with 12v driver on board;
7w - 450 lumen, 3000K warm white (equivalent to 35w halogen)
11w - 600 lumen, 3000K warm white (equivalent to 50w halogen)
15w - 900 lumen, 3000K warm white (equivalent to 75w halogen)

OPTICS: 15° Spot, 40° Flood, 60° Flood or no optics 160° Wide Flood

SOCKET: None, hard wired LED module

WIRING: 15 feet 18/2 SJTOW cord (additional length available in 5 foot increments)

FINISH: Unfinished brass
Optional finishes: Black Acid Treatment (-BAT) & Brass Acid Rust (-BAR)

CATALOG NO.	DESCRIPTION	LIGHT SOURCE	
SL-11-LEDM715BRS	Cast Brass Underwater Light	7w LED Module 15°	.
SL-11-LEDM740BRS	Cast Brass Underwater Light	7w LED Module 40°	.
SL-11-LEDM760BRS	Cast Brass Underwater Light	7w LED Module 60°	.
SL-11-LEDM7WFBRS	Cast Brass Underwater Light	7w LED Module WF	.
SL-11-LEDM1115BRS	Cast Brass Underwater Light	11w LED Module 15°	.
SL-11-LEDM1140BRS	Cast Brass Underwater Light	11w LED Module 40°	.
SL-11-LEDM1160BRS	Cast Brass Underwater Light	11w LED Module 60°	.
SL-11-LEDM11WFBRS	Cast Brass Underwater Light	11w LED Module WF	.
SL-11-LEDM1515BRS	Cast Brass Underwater Light	15w LED Module 15°	.
SL-11-LEDM1540BRS	Cast Brass Underwater Light	15w LED Module 40°	.
SL-11-LEDM1560BRS	Cast Brass Underwater Light	15w LED Module 60°	.
SL-11-LEDM15WFBRS	Cast Brass Underwater Light	15w LED Module WF	

Add -AB to part # for aiming bracket
Add-AC to part # for angle collar

3.75"

2.00"

50,000 HOUR LED MODULE

UL 676 CE c ETL us Intertek
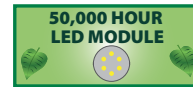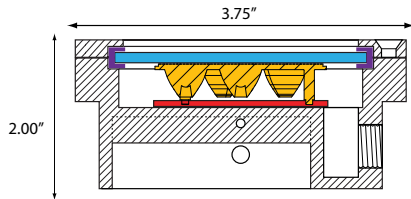
IP68

SL-11AB-LEDM1140BRS
11w LED Module
Brass

SL-11ABAC-LEDM1140BRS
11w LED Module
Brass

17

New Designs From Focus

AL-05 CP SERIES SPECIFICATIONS

CONSTRUCTION: Cast aluminum or cast brass China Hat; matching 3" extruded aluminum or brass post

LENS: Tempered flat glass

LED SUPPLIED: 6w ARROW MR16 LED or 15w LED module

LIFETIME RATING: 50,000 hours

12v INTERNAL DRIVER: On board. voltage range of 9 to 18 volts with optimum operating range of 10 to 15 volts for consistent performance and brightness.
For use with magnetic transformers only.

120v INTERNAL DRIVER: HW-12-60LED transformer

SOCKET MR16: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

SOCKET LED MODULE: None - LED is hard wired inside fixture

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard black/white/green wiring

MOUNTING: U-bracket with 4 mounting screws

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available.

CATALOG NO.	DESCRIPTION
AL-05-CP24MR120BLT	Aluminum China 10" Hat on 24", 3"Ø Post, Black Texture Finish
AL-05-CP36MR120BLT	Aluminum China 10" Hat on 36", 3"Ø Post, Black Texture Finish
AL-05-CP24LM120BLT	Aluminum China 10" Hat on 36", 3"Ø Post, Black Texture Finish
AL-05-CP36LM120BLT	Aluminum China 10" Hat on 36", 3"Ø Post, Black Texture Finish
AL-05-CP24MR120BRS	Brass China 10" Hat on 24", 3"Ø Brass Post
AL-05-CP36MR120BRS	Brass China 10" Hat on 36", 3"Ø Brass Post
AL-05-CP24LM120BRS	Brass China 10" Hat on 36", 3"Ø Brass Post
AL-05-CP36LM120BRS	Brass China 10" Hat on 36", 3"Ø Brass Post

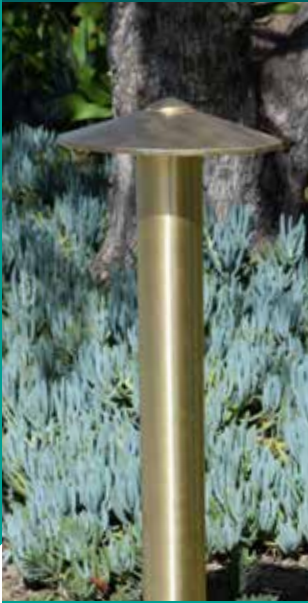For 12v version remove 120 from part #

AL-12 CP SERIES SPECIFICATIONS

CONSTRUCTION: Cast aluminum or cast brass China Hat; matching 3" extruded aluminum or brass post

LENS: Tempered flat glass

LIGHT SOURCE: 6w ARROW MR16 LED or 15w LED module

LIFETIME RATING: 50,000 hours

12v INTERNAL DRIVER: On board. voltage range of 9 to 18 volts with optimum operating range of 10 to 15 volts for consistent performance and brightness.
For use with magnetic transformers only.

120v INTERNAL DRIVER: HW-12-60LED transformer

SOCKET MR16: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

SOCKET LED MODULE: None - LED is hard wired inside fixture

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard black/white/green wiring

MOUNTING: U-bracket with 4 mounting screws

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available.

CATALOG NO.	DESCRIPTION
AL-12-CP24MR120BLT	Aluminum China 8" Hat on 24", 3"Ø Post, Black Texture Finish
AL-12-CP36MR120BLT	Aluminum China 8" Hat on 36", 3"Ø Post, Black Texture Finish
AL-12-CP24LM120BLT	Aluminum China 8" Hat on 36", 3"Ø Post, Black Texture Finish
AL-12-CP36LM120BLT	Aluminum China 8" Hat on 36", 3"Ø Post, Black Texture Finish
AL-12-CP24MR120BRS	Brass China 8" Hat on 24", 3"Ø Brass Post
AL-12-CP36MR120BRS	Brass China 8" Hat on 36", 3"Ø Brass Post
AL-12-CP24LM120BRS	Brass China 8" Hat on 36", 3"Ø Brass Post
AL-12-CP36LM120BRS	Brass China 8" Hat on 36", 3"Ø Brass Post

For 12v version remove 120 from part #

10"
254 mm

24"
610mm
or
36"
914mm

8"
203mm

24"
610mm
or
36"
914mm

Arrow LED
LEDS by CREE

50,000 HOUR
LED MODULE

IP54 CE ETL
Intertek

AL-15CP24MR120BAV
6w LED
Brass

AL-17CP24LM120BAT
15w LED Panel
Brass

AL-15 CP SERIES SPECIFICATIONS

CONSTRUCTION: Cast aluminum or cast brass Tiki Hat; matching 3" extruded aluminum or brass post

LENS: Tempered flat glass

LED SUPPLIED: 6w ARROW MR16 LED or 15w LED module
LIFETIME RATING: 50,000 hours

12v INTERNAL DRIVER: On board. voltage range of 9 to 18 volts with optimum operating range of 10 to 15 volts for consistent performance and brightness.
For use with magnetic transformers only.
120v INTERNAL DRIVER: HW-12-60LED transformer

SOCKET MR16: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
SOCKET LED MODULE: None - LED is hard wired inside fixture

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard black/white/green wiring

MOUNTING: U-bracket with 4 mounting screws

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available.

CATALOG NO.	DESCRIPTION
AL-15-CP24MR120BLT	Aluminum Tiki 8" Hat on 24", 3"Ø Post, Black Texture Finish
AL-15-CP36MR120BLT	Aluminum Tiki 8" Hat on 36", 3"Ø Post, Black Texture Finish
AL-15-CP24LM120BLT	Aluminum Tiki 8" Hat on 36", 3"Ø Post, Black Texture Finish
AL-15-CP36LM120BLT	Aluminum Tiki 8" Hat on 36", 3"Ø Post, Black Texture Finish
AL-15-CP24MR120BRS	Brass Tiki 8" Hat on 24", 3"Ø Brass Post
AL-15-CP36MR120BRS	Brass Tiki 8" Hat on 36", 3"Ø Brass Post
AL-15-CP24LM120BRS	Brass Tiki 8" Hat on 36", 3"Ø Brass Post
AL-15-CP36LM120BRS	Brass Tiki 8" Hat on 36", 3"Ø Brass Post

For 12v version remove 120 from part #

AL-17 CP SERIES SPECIFICATIONS

CONSTRUCTION: Cast aluminum or cast brass China Hat; matching 3" extruded aluminum or brass post

LENS: Tempered flat glass

LIGHT SOURCE: 6w ARROW MR16 LED or 15w LED module
LIFETIME RATING: 50,000 hours

12v INTERNAL DRIVER: On board. Voltage range of 9 to 18 volts with optimum operating range of 10 to 15 volts for consistent performance and brightness.
For use with magnetic transformers only.
120v INTERNAL DRIVER: HW-12-60LED transformer

SOCKET MR16: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
SOCKET LED MODULE: None - LED is hard wired inside fixture

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard black/white/green wiring

MOUNTING: U-bracket with 4 mounting screws

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available.

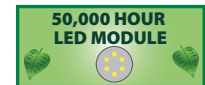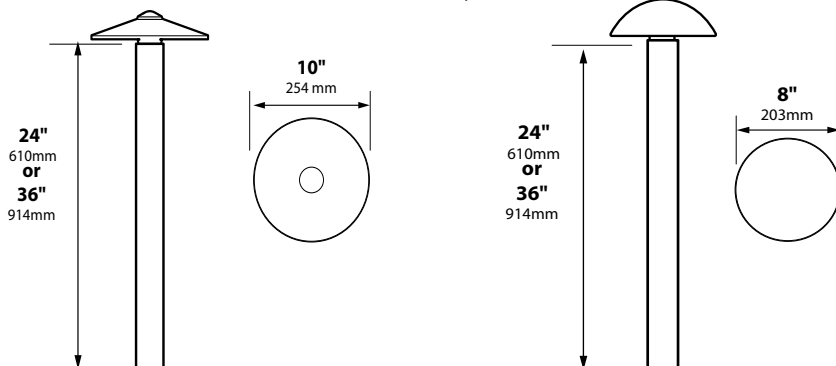| CATALOG NO.	DESCRIPTION
AL-17-CP24MR120BLT	Aluminum China 8" Hat on 24", 3"Ø Post, Black Texture Finish
AL-17-CP36MR120BLT	Aluminum China 8" Hat on 36", 3"Ø Post, Black Texture Finish
AL-17-CP24LM120BLT	Aluminum China 8" Hat on 36", 3"Ø Post, Black Texture Finish
AL-17-CP36LM120BLT	Aluminum China 8" Hat on 36", 3"Ø Post, Black Texture Finish
AL-17-CP24MR120BRS	Brass China 8" Hat on 24", 3"Ø Brass Post
AL-17-CP36MR120BRS	Brass China 8" Hat on 36", 3"Ø Brass Post
AL-17-CP24LM120BRS	Brass China 8" Hat on 36", 3"Ø Brass Post
AL-17-CP36LM120BRS	Brass China 8" Hat on 36", 3"Ø Brass Post

For 12v version remove 120 from part #

24" 610mm **or** 36" 914mm

8" 203mm

24" 610mm **or** 36" 914mm

8" 203mm

Arrow LED
LEDS by CREE

50,000 HOUR LED MODULE

IP54 CE

19

New Designs From Focus

PL-24-07 SERIES SPECIFICATIONS

CONSTRUCTION: Cast aluminum puck" style surface light(s) on a 52" galvanized steel 2"x4" post

LENS: Sand blasted tempered flat glass

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v; both with 200°C silicone lead wires

WIRING: Black 5 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v Standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: None

FINISH: Black texture polyester powder coat. Optional finishes available

CATALOG NO.	DESCRIPTION
PL-24-071LED3BLT	Cast Aluminum Surface Light, 52" Post
PL-24-072LED3BLT	2x Cast Aluminum Surface Light, 52" Post

PL-24-071LED3BRT
PL-24-072LED3BRT
3w LED
Aluminum

PL-24-07SM SERIES SPECIFICATIONS

CONSTRUCTION: Cast aluminum "puck" style surface light on a 52" galvanized steel 2"x4" post

LENS: Sand blasted tempered flat glass

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: GZ4 bi-pin with 250° C silicone lead wires (5 watt Xenon models only)

WIRING: Black 5 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v Standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: None

FINISH: Black texture polyester powder coat. Optional finishes available

CATALOG NO.	DESCRIPTION
PL-24-07SM1LEDMBLT	Cast Aluminum Small Surface Light, 52" Post
PL-24-07SM2LEDMBLT	Cast Aluminum Small Surface Light, 52" Post
PL-24-07SM1BLT	Cast Aluminum Small Surface Light, 52" Post
PL-24-07SM2-BLT	Cast Brass Small Surface Light, 52" Post

PL-24-07SM1LED3BRT
PL-24-07SM2LED3BRT
3w LED Module
Aluminum

4.125"
105mm

2.125"
54mm

3.75"
95mm

2"
51mm

52"
1321mm

SL-07

PL-24-071

PL-24-072

4.125"
105mm

2.125"
54mm

2.75"
70mm

1.5"
38mm

52"
1321mm

SL-07SM

PL-24-07SM1

PL-24-07SM2

Omni
LEDS by CREE
LED

IP54   CE   ETL
Intertek

New Designs From Focus

PL-24-0181LED3BRT
PL-24-0182LED3BRT
3w LED
Aluminum
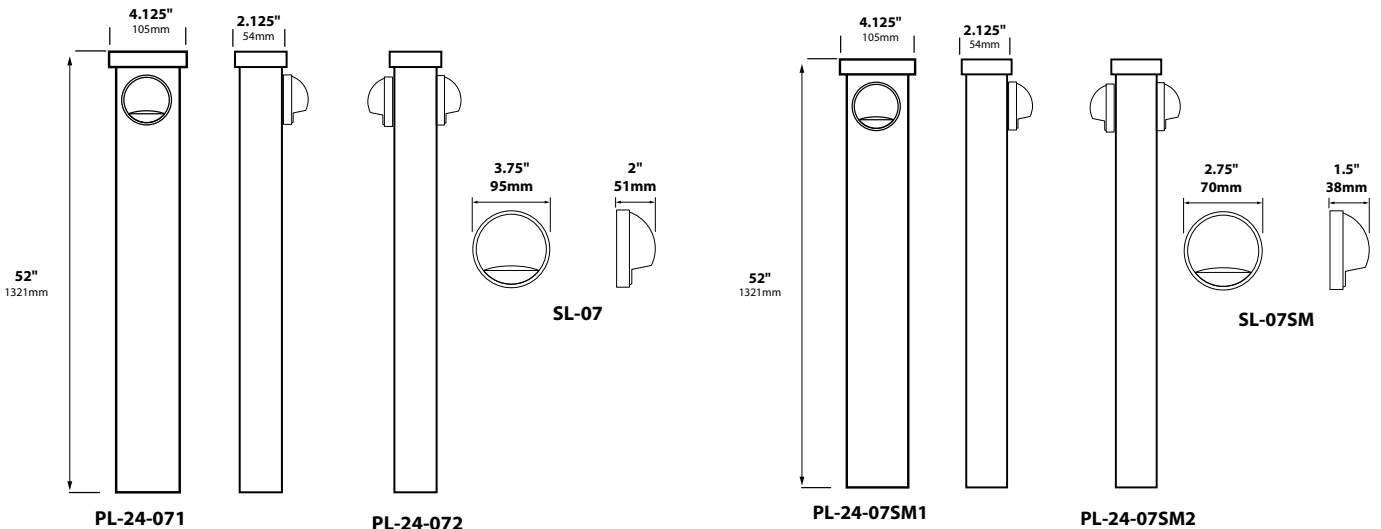
PL-24-18 SERIES SPECIFICATIONS

CONSTRUCTION: Single or double cast aluminum fixture(s) on a 52" galvanized steel 2"x4" post

LENS: None

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s);
double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires

WIRING: Black 5 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v Standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only

MOUNTING: None

FINISH: Black texture polyester powder coat. Optional finishes available

CATALOG NO.	DESCRIPTION
PL-24-181LED3BLT	Cast Aluminum Surface Light, 52" Post
PL-24-182LED3BLT	2x Cast Aluminum Surface Lights, 52" Post

PL-24-0182LED3WTX
2x 3w LED
Aluminum

4.125"
105mm

2.125"
54mm

2.5"
64mm

3.5"
89mm

2.25"
57mm

SL-18

52"
1321mm

PL-24-181

PL-24-182

IP54

21
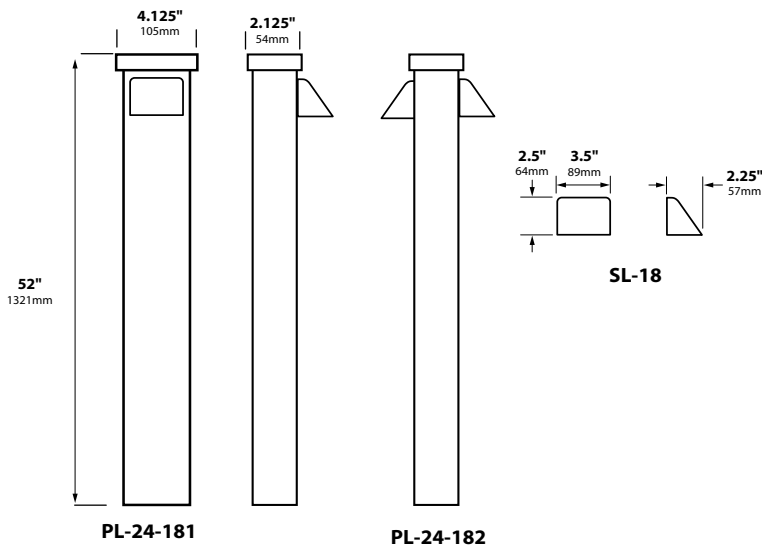
New Designs From Focus

SL-60-LED12V-BRS
3w LED Module
Brass

SL-61-LED12V-BRS
3w LED Module
Brass

SL-62-LED12V-BRS
3x 3w LED Module
Brass

5"
3"
1.5"
SL-60
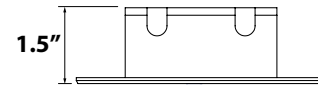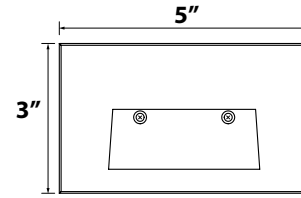
4.875"
1.5"
SL-61
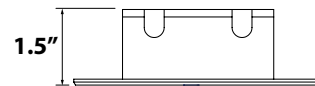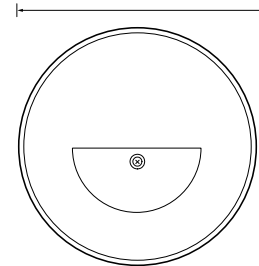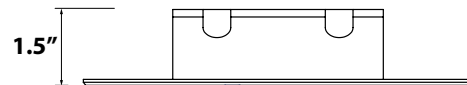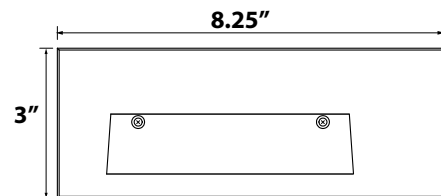
8.25"
3"
1.5"
SL-62

SL-60 & SL-61 SPECIFICATIONS

CONSTRUCTION: Die Cast Aluminum, Brass or Stainless Steel step light;
Stamped Stainless Steel mounting bracket for single gang box

GASKET: Black neosponge closed cell; .190" thickness

LIGHT SOURCE: Integrated 12v or 120v input 3w LED module with on board driver,
200 Lumen LED, warm white 3000K

LIFETIME RATING: 50,000 hours

SOCKET: None

WIRING 12V: 6" black 18 gauge zip cord.

WIRING 120V: Standard Black (line), White (neutral), Green (ground)

SINGLE GANG BOX: Focus FA-SG-BOX or supplied by others;
miniumum inside dimensions of 3"(l) x 2"(w) x 2.5"(d)

MOUNTING: Stainless Steel bracket and hardware for mounting in single gang junction box;
Face plate attaches to bracket with two provided screws

FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional finishes available
Stainless Steel-Brushed

SL-62 SPECIFICATIONS

CONSTRUCTION: Die Cast Aluminum, Brass or Stainless Steel step light;
Stamped Stainless

GASKET: Black neosponge closed cell; .190" thickness

LIGHT SOURCE: Integrated 12v or 120v input 3x 3w LED module with on board driver,
600 Lumen LED, warm white 3000K

LIFETIME RATING: 50,000 hours

SOCKET: None

WIRING 12V: 6" black 18 gauge zip cord.

WIRING 120V: Standard Black (line), White (neutral), Green (ground)

BACK BOX: Focus back box

MOUNTING: Stainless Steel bracket and hardware for mounting in single gang junction box;
Face plate attaches to bracket with two provided screws

FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional finishes available
Stainless Steel-Brushed

CATALOG NO.	DESCRIPTION
SL-60-LED12V-BLT	12v Aluminum LED Step Light
SL-60-LED12V-BRS	12v Brass LED Step Light
SL-60-LED12V-SS	12v Stainless Steel LED Step Light
SL-60-LED120-BLT	120v Aluminum LED Step Light
SL-60-LED120-BRS	120v Brass LED Step Light
SL-60-LED120-SS	120v Stainless Steel LED Step Light
SL-61-LED12V-BLT	12v Aluminum LED Step Light
SL-61-LED12V-BRS	12v Brass LED Step Light
SL-61-LED12V-SS	12v Stainless Steel LED Step Light
SL-61-LED120-BLT	120v Aluminum LED Step Light
SL-61-LED120-BRS	120v Brass LED Step Light
SL-61-LED120-SS	120v Stainless Steel LED Step Light
SL-62-LED12V-BLT	12v Aluminum LED Step Light
SL-62-LED12V-BRS	12v Brass LED Step Light
SL-62-LED12V-SS	12v Stainless Steel LED Step Light
SL-62-LED120-BLT	120v Aluminum LED Step Light
SL-62-LED120-BRS	120v Brass LED Step Light
SL-62-LED120-SS	120v Stainless Steel LED Step Light

50,000 HOUR LED MODULE

IP66

CE

ETL LISTED US
Intertek

RXP-03-TACLEDBAR
4w MR16 LED
Brass

RXP-04-TACLEDBAR
2x 4w MR16 LED
Brass

RXP-03 TAC & RXP-04-TAC SPECIFICATIONS:

CONSTRUCTION: Machined brass cylinder with angled threaded cap for glare protection & cast brass adjustable swivel. Brass stem

LENS: Clear tempered stepped glass

O-RING: High temperature red silicone

LED SUPPLIED: 4w ARROW LED 50,000 hours average rating

LEGACY LAMP OPTIONS: 4w ARROW Saver LED 40,000 average rating, 20w MR16 FL(BAB) 5000 hours average rating, 20w MR16 ULTRA10, 000 hours average rating; 20 watt MR16 TITAN 18, 000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black and 2 White 250°C silicone lead wires

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03- LG Large black 9" ABS stake, tapped 1/2" NPS

FINISH: Brass-Unfinished brass. Optional finishes available

CATALOG NO.	DESCRIPTION
RXP-03-TACLEDBRS	1x 20w MR16 Brass Path Light w/ Threaded Angle Cap
RXP-04-TACLEDBRS	2x 20w MR16 Brass Path Light w/ Threaded Angle Cap

LEDS by CREE

CE **ETL LISTED c us** **IP54**

5.5" 140mm   5.5" 140mm

2.25" 57mm   2.25" 57mm

25" 635mm

RXP-03-TAC   **RXP-04-TAC**

Feet	3	6	9	12	
Meters	1	2	3	4	Beam Width (ft.) (m)
20w 36° angle	2.0 0.59	3.9 1.18	5.8 1.77	7.8 2.37	
	50.7 546	12.7 137	5.7 61	3.2 35	foot-candles (lux)
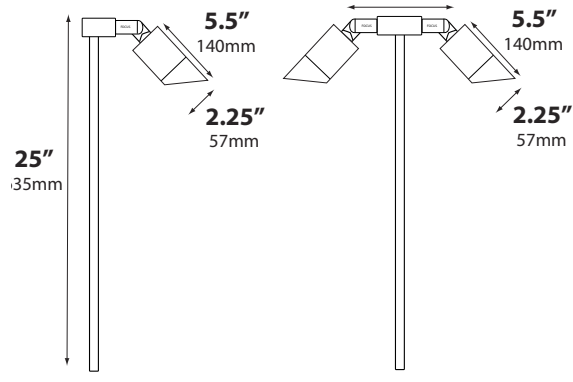
RXP-03/RXP-04
Half Spread Photometrics
4 ft. (1.2m) radius

Extended Theaded Angle Collars & Extended Collars Provides Maximum Glare Protection
Available on **RXD-08 Series** (Add-ETAC to Part#) and **SL-16-MR16 & SL-16D-MR16 Series** (Add-ETC to Part#)

9.25"

13.50"

7.50"

RXD-08-ETACLEDBRS   SL-16-MR16ETCLEDBRS   SL-16D-MR16ETCLEDBRS

23

Nightscaping Support Line

These fixtures now available from Focus Industries as direct replacements for Nightscaping products

CSM-10-COP
(NS# WM-040CU)

SL-04-RE-COP
(NS# WM-0802)

CSM-06-COP
(NS# WM-0502CU

SL-15-LW10NLNCCOP
(NS# TD1002CU

AL-21-BP-COP
(NS# GU1507CU)

AL-21S4-BP-COP
(NS# GD-1503CU)

AL-21S3-BP-COP
(NS# GD-1504CU)

SL-59-NLCOP
(NS# WM-3535CU)

RXT-Series Transformers

New Designs From Focus

SOLAR POWER EXTERIOR LED LIGHTING

2'

5'
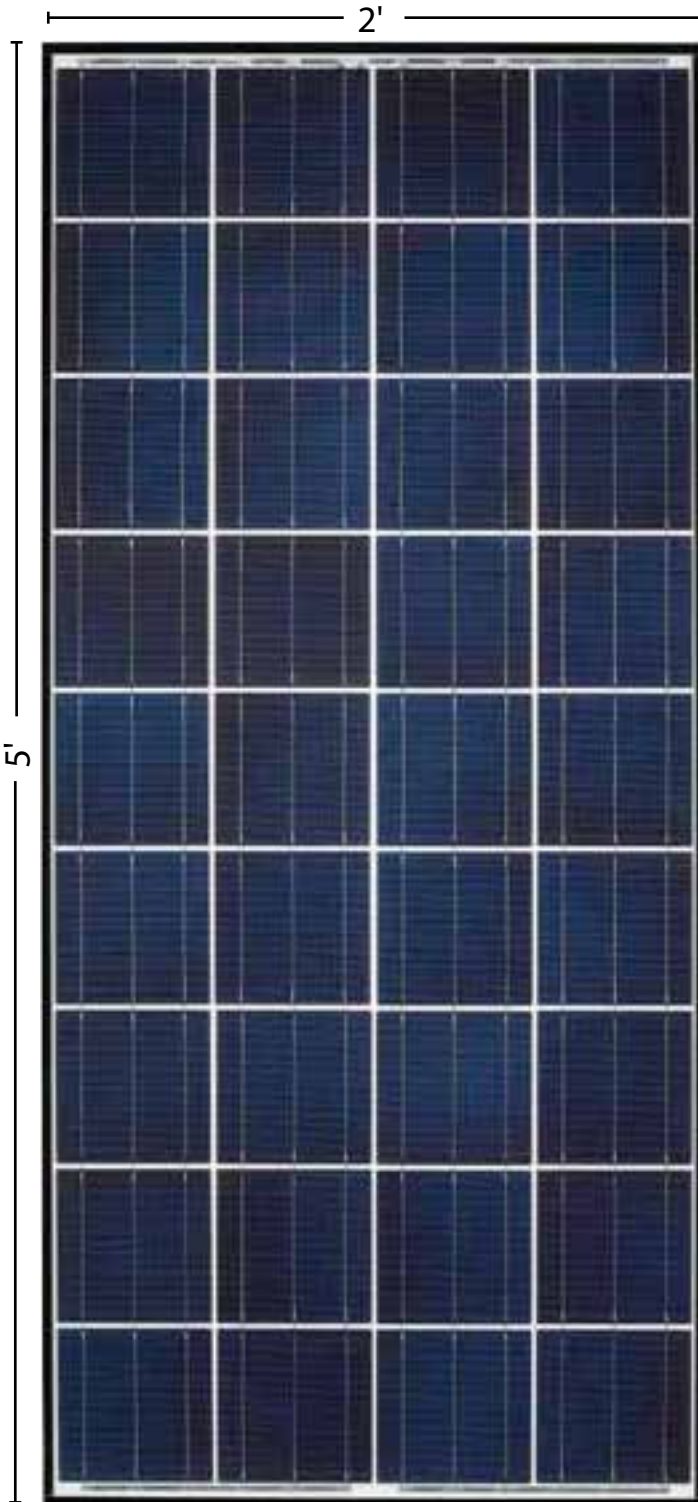
20/60/100w Solar Panel

12v 10 Amp Charge/Lighting Controller
Light Control 2/4/6/8/10/DD Hours

Side Pole Mounting Hardware Kit (No Pole)
Fits 2"- 4.5" Diameter Pole

go green
led solutions

12v 35/50/100ah Sealed Deep Cycle Battery
(Not Included)

25

New Designs From Focus

AL-22-02LEDCOP
6w LED
Copper

AL-23-02LED6WCOP
6w LED
Copper

AL-22 & AL-23 SPECIFICATIONS

CONSTRUCTION: Spun copper Cone hat with brass ball finial & brass components; Copper MR16 Housing (AL-22-02); Brass 20" stanchion

LED SUPPLIED AL-22/-23-01: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LED SUPPLIED AL-22/-23-02: 6w 50,000 hours average rating ARROW MR16 LED (-LED6W)

LED LIGHT SOURCE AL-22/-23-03: A19 Medium Base LED, 20 watt Max (supplied by other)
LEGACY LAMP OPTIONS AL-22-01: 10,000 hours average rating Xenon (-X) or Halogen (-H))
LAMP OPTIONS AL-22-02: 20w 5,000 hour average Halogen MR16

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires
High temperature ceramic Medium Base (E26/27) with 250°C silicone lead wires (-03)

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v Standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS (01/02 models only)

FINISH: Unfinished Copper. Optional finishes available.

CATALOG NO.	DESCRIPTION	
AL-22-01-LED3-COP	Copper 9" Bell Hat Area Light	3w LED
AL-22-02-LED6W-COP	Copper 9" Bell Hat Area Light	6w MR16LED
AL-23-01-LED3-COP	Copper 9" Bell Hat Area Light	3w LED
AL-23-02-LED6W-COP	Copper 9" Bell Hat Area Light	6w MR16LED
AL-23-01-LED3-COP	Copper 9" Bell Hat Area Light	No Lamp, Med. Base
AL-23-02-LED6W-COP	Copper 9" Bell Hat Area Light	No Lamp, Med. Base

AL-22-01LED3COP
3w LED
Copper

AL-22-03LED3COP
A19 LED
Copper

AL-23-01LED3COP
3w LED
Copper

AL-23-03LED3COP
A19 LED
Copper

Feet 2 4 6 8 10 12
Meters 1 2 3

10.7 4.7 1.4 .02 1.7 0.5
4'
12'
fc 7.5 2.1 0.9 0.5 0.2 0.2
Max.

AL-22/AL-23

IP64   CE   ETL c US Intertek

9.0" 229mm   20.0" 508mm   AL-22-01
9.0" 229mm   20.0" 508mm   AL-22-02
9.0" 229mm   20.0" 508mm   AL-23-03
9.0" 229mm   20.0" 508mm   AL-23-01
9.0" 229mm   20.0" 508mm   AL-23-02
9.0" 229mm   20.0" 508mm   AL-23-03

Omni LED   LEDS by CREE LED
Arrow LED   LEDS by CREE
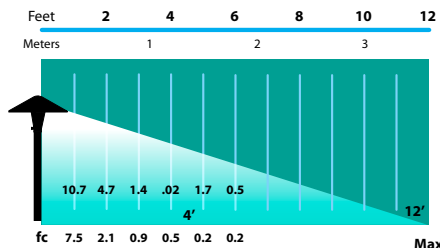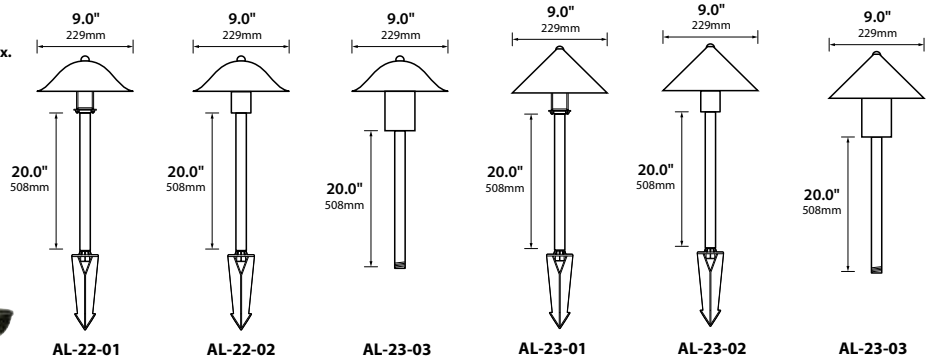
As a USA based manufacturer of exterior lighting products, FOCUS INDUSTRIES is uniquely positioned to accommodate your requirements for custom lighting fixtures.

If you have a special need, or require a signature product for a particular job, FOCUS has the personnel and resources to get the job done right. Without the headaches, hassles and delays that often accompany dealing with a foreign manufacturing source. And we get the job done on time and on budget.

Whether it's a large-scale commercial project or a single-family residence. It could be something as simple as a custom color requirement or as complex as a custom designed lighting fixture. FOCUS INDUSTRIES welcomes and encourages custom product orders.

29
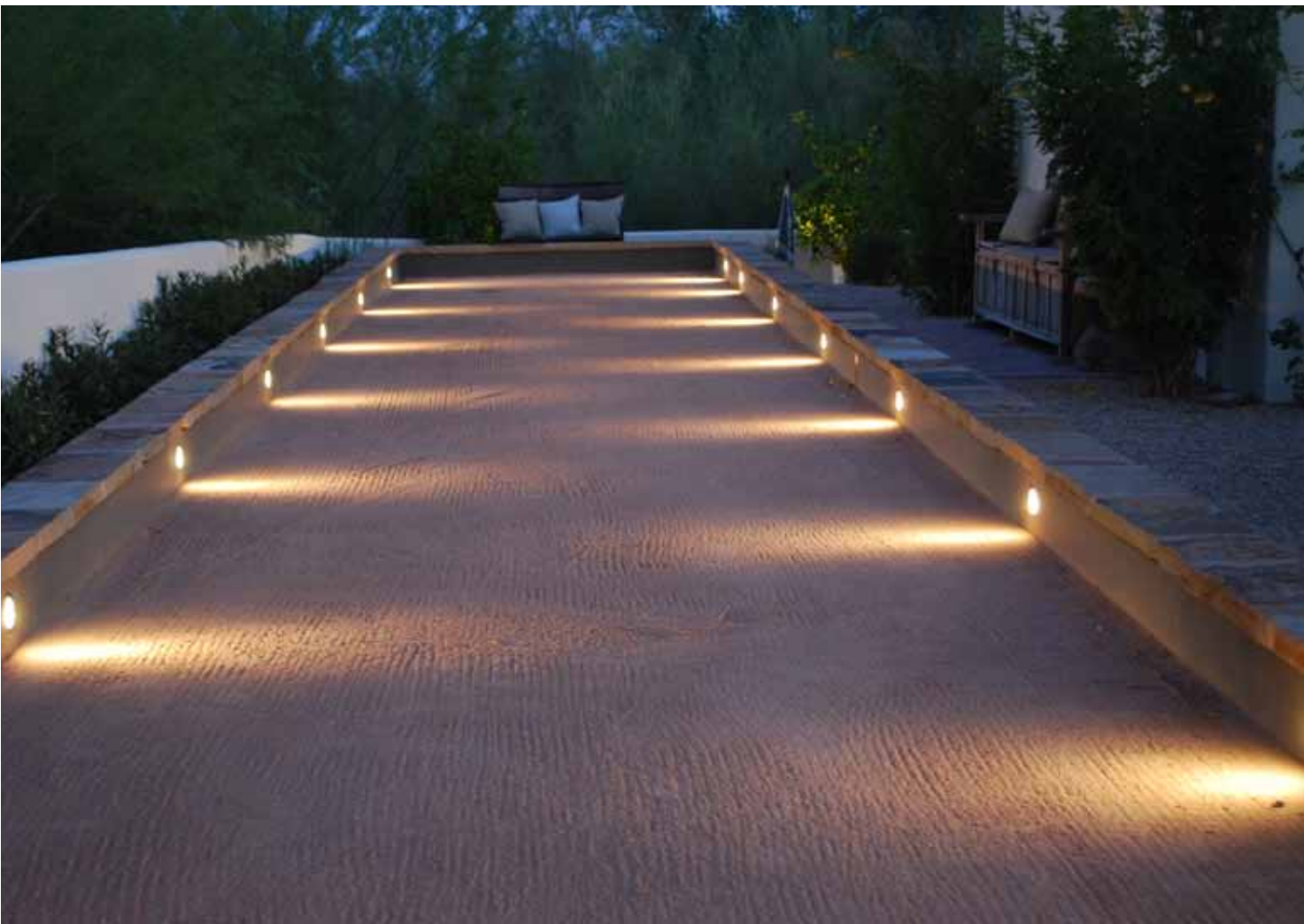
AL-15-LEDPBAR
4w LED Panel
Brass

AL-01-LEDP-BAR
4w LED Panel
Solid Brass

AL-01-LEDP-BLT
4w LED Panel
Cast Aluminum

AL-01-SM-LEDP-WBR
4w LED Panel
Aluminum

AL-01SM-LED3-BAV/ AL-01-LED3-BAV
3w Omni LED (25w max)
Solid Brass

AL-01 & AL-01-SM SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass China Hat; matching extruded aluminum or brass stanchion

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s);
double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only

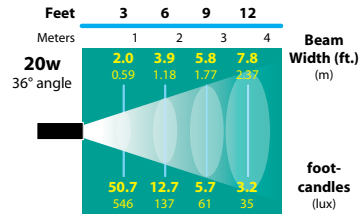**MOUNTING:** FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Add -color to cat#
Brass-Unfinished brass. Optional finishes available. Add -acid to cat#

Catalog Number	Description	Material
AL-01-LEDPBLT	5.5" China Hat	Aluminum
AL-01-LEDPBRS	5.5" China Hat	Brass
AL-01SM-LEDPBLT	3.5" Mini China Hat	Aluminum
AL-01-SM-LEDPBRS	3.5" Mini China Hat	Brass

50,000 HOUR LED FLAT PANEL

IP54

Omni LED LEDS by CREE

5.5" 140mm
4.5" 114mm
9" 229mm
9" 229mm

3.75" 95mm
3" 76mm
9" 229mm
9" 229mm

RECOMMENDED ENHANCEMENTS FOR AL-01 SERIES:
FA-97-1, FA-97-1-SM Sprinkler/Glare Shield
-AH Adjustable Hub

Feet		2		4		6
Meters			1			2

fc	87.0	20.0	5.5	2.5	1.5	0.8
lux	936	215	59	27	16	9

AL-01-LEDP
Half Spread Photometrics
12 ft. (3.7m) diameter

Feet		2		4		6
Meters			1			2

fc	60.0	51.0	23.0	4.5	1.2
lux	646	549	248	48	13

AL-01SM-LEDP
Half Spread Photometrics
10 ft. (3.0m) diameter

CE ETL us
Intertek

AL-03 SERIES SPECIFICATIONS:

Available in 2-tier, 3-tier and 4-tier models with 6" or 10"-diameter Pagoda Hats

CONSTRUCTION: Cast aluminum Pagoda Hat; 3.25" threaded clear prismatic polycarbonate lens

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)

LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Add -color to cat#

Catalog Number	Description
AL-03-LEDPBLT	6" Pagoda Hat
AL-03-10-LEDPBLT	10" Pagoda Hat
AL-03-3TLEDPBLT	6" Pagoda Hat, 3 tiers
AL-03-3T10LEDPBLT	10" Pagoda Hat, 3 tiers
AL-03-4TLEDPBLT	6" Pagoda Hat, 4 tiers
AL-03-4T10LEDPBLT	10" Pagoda Hat, 4 tiers

5"
127mm

6"
152mm

9"
229mm

5.25"
133mm

10"
254mm

9"
229mm

AL-03-LEDP

Feet	2	4	6	8
Meters		1		2

fc	7.0	11.0	12.0	8.0	5.0	2.6	1.1	0.5
lux	75	118	129	86	54	28	12	5
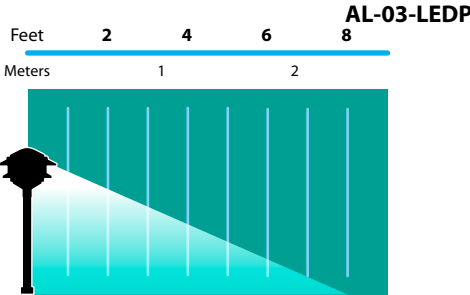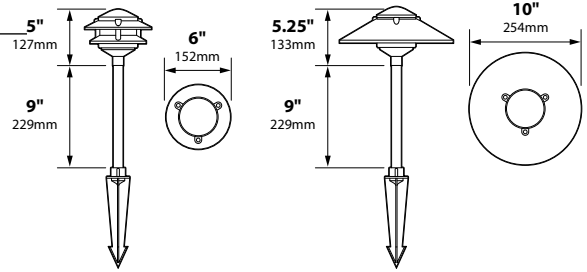
AL-03-LEDP
Half Spread Photometrics
16 ft. (4.9m) diameter

AL-03-10-LEDP

Feet	2	4	6
Meters		1	2

fc	8.0	7.0	10.5	5.5	0.5
lux	86	75	113	59	5

AL-03-10-LEDP
Half Spread Photometrics
10 ft. (3.0m) diameter

RECOMMENDED ENHANCEMENTS FOR AL-03 SERIES:

FA-89	5" Opal Glass (AL-03-3T, AL-03-10-3T)
FA-90	White Opal Glass

50,000 HOUR LED FLAT PANEL

IP54   CE   ETL Listed c us   Intertek

OMNI LED
LEDS by CREE

AL-03-LEDPCAM
4w LED Panel
Cast Aluminum

AL-03-10-LEDPCAM
4w LED Panel
Cast Aluminum
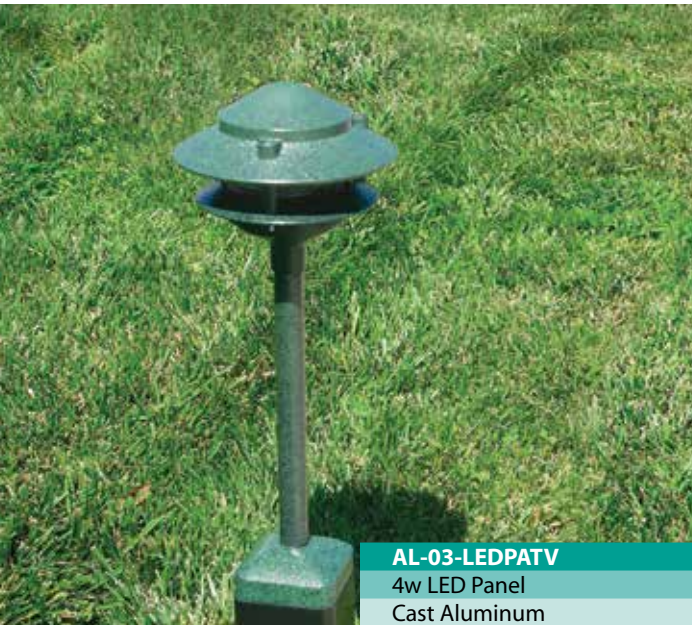
AL-03-LEDPATV
4w LED Panel
Cast Aluminum

AL-03-10-LEDPHTX
4w LED Panel
Cast Aluminum

Pagodas - 12 volt/120 volt

AL-03-3T-10-LEDPRBV
4w LED Panel
Cast Aluminum

AL-03-3T-LEDPWBR
4w LED Panel
Cast Aluminum

AL-03-4T-LEDPATV
4w LED Panel
Cast Aluminum

AL-03-4T-10-LEDPRST
4w LED Panel
Cast Aluminum

7"
178mm

6"
152mm

9"
229mm
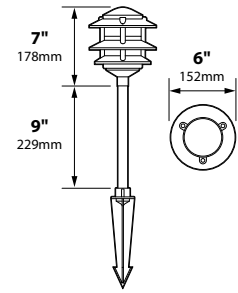
AL-03-3T-LEDP

Feet	2	4	6		
Meters		1			2

fc	10.0	43.0	4.0	1.5	0.7	0.3
lux	108	463	43	16	8	3

AL-03-3T-LEDP
Half Spread Photometrics
12 ft. (3.7m) diameter

7.25"
184mm

10"
254mm

9"
229mm
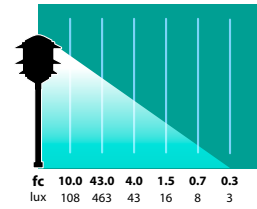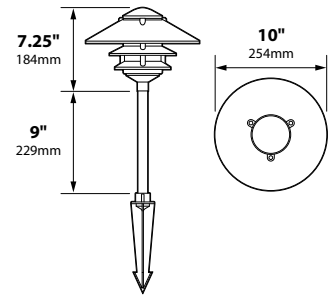
AL-03-3T-10-LEDP

Feet	2	4	6		
Meters		1			2

fc	9.5	40.0	3.9	1.2	1.0	0.3
lux	102	431	42	13	11	3

AL-03-3T-10-LEDP
Half Spread Photometrics
12 ft. (3.7m) diameter

8.5"
216mm

6"
152mm

9"
229mm

Feet	2	4	6	
Meters		1		2

fc	3.5	17.0	20.0	14.0	5.5	1.3
lux	38	183	215	151	59	14
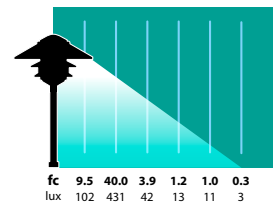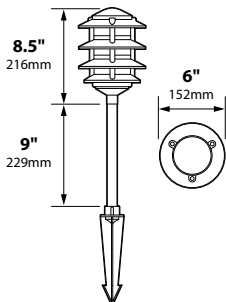
AL-03-4T-LEDP

AL-03-4T-LEDP
Half Spread Photometrics
12 ft. (3.7m) diameter

9"
229mm

10"
254mm

9"
229mm

Feet	2	4	6	
Meters		1		2

fc	3.0	16.0	18.5	9.5	6.3	1.0
lux	3.2	172	199	102	68	11
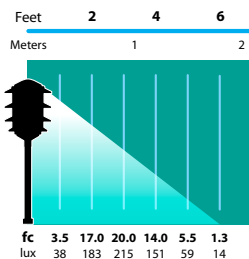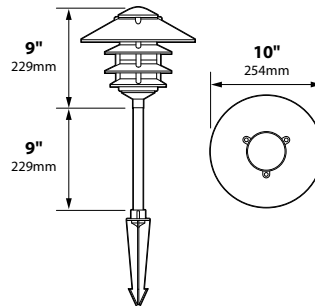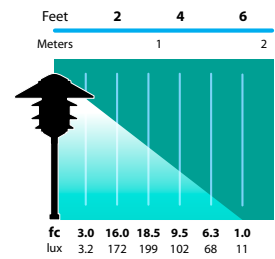
AL-03-4T-10-LEDP

AL-03-4T-10-LEDP
Half Spread Photometrics
12 ft. (3.7m) diameter

IP54 CE ETL LISTED us Intertek

IAL-03-3T3-NL-BLT
No Lamp (60w max)
Cast Aluminum

FAL-03-3T-10-3-5-120V-CAM
5w Compact Fluorescent (5w max)
Cast Aluminum

IAL-04-NL-BLT
No Lamp (100w max)
Cast Aluminum

FAL-04-10-5, 7, 9-120V-HTX
5, 7, or 9w Compact Fluor. (9w max)
Cast Aluminum

IAL-03, IAL-04 AND FAL-03, FAL-04 SERIES SPECIFICATIONS:

Available in 3-tier and 4-tier models with 6"- or 10" diameter Pagoda Hats

CONSTRUCTION: Cast aluminum Pagoda Hat

LENS IAL-03: 5" threaded clear glass

LENS IAL-04: 7" threaded clear glass

LED Supplied: None, (60w max)

LAMP OPTIONS: None

MOUNTING: No stem, post or mounting supplied., order FA-26 120v
See Mounting Devices section, page 137

FINISH: Aluminum-Black texture polyester powder coat.
Optional finishes available. Add -color to cat#Fixtures available with 3" diameter base; add **-3** suffix to order.

IAL MODELS Only

A-19 LED

Catalog Number	LED Supplied	Max Wattage
The following fixtures are not supplied with lamps. They are designed for medium base light sources (A-19).		
IAL-03-NL-BLT	None	60
IAL-03-10-NL-BLT	None	60
IAL-04-NL-BLT	None	100
IAL-04-10-NL-BLT	None	100
The following fixtures are designed for compact fluorescent lamps, specify wattage at time of order.		
FAL-03-5-120V	5 watt (27°K)	5
FAL-03-5-10-120V	5 watt (27°K)	5
FAL-04-5,7,9-120V	5, 7 or 9 watt (27°K)	9
FAL-04-5,7,9-10-120V	5, 7 or 9 watt (27°K)	9

CE ETL Intertek **IP54**

6" 152mm **10"** 254mm **6"** 152mm **10"** 254mm

7" 178mm **7.25"** 184mm **7"** 178mm **7.25"** 184mm

IAL-03-NL   **IAL-03-10-NL**   **IAL-03-3-NL**   **IAL-03-10-3-NL**

Feet	2	4	6	8	10		Feet	2	4	6	8
Meters		1		2		3	Meters		1		2

Height of fixture from floor: 1 ft. (305mm)   **Height of fixture from floor: 1 ft. (305mm)**

fc	38.0	29.0	13.0	7.5	4.0	3.0	2.0	1.0	0.8
lux	409	312	140	81	43	32	22	11	9

fc	37.0	20.0	10.5	6.5	3.0	1.5	0.8
lux	398	215	113	70	32	16	9

IAL-03-NL
Half Spread Photometrics (40w)
26 ft. (7.8m) diameter

IAL-03-10-NL
Half Spread Photometrics (40w)
14 ft. (4.3m) diameter

6" 152mm **10"** 254mm **6"** 152mm **10"** 254mm

8.5" 216mm **9"** 229mm **8.5"** 216mm **9"** 229mm

IAL-04-NL   **IAL-04-10-NL**   **IAL-04-3-NL**   **IAL-04-10-3**

Feet	2	4	6	8	10		Feet	2	4	6	8	10	12
Meters		1		2		3	Meters		1		2		3

Height of fixture from floor: 1 ft. (305mm)   **Height of fixture from floor: 1 ft. (305mm)**

fc	41.0	30.0	14.0	7.5	5.0	3.0	2.4	1.5	1.2	0.8
lux	441	323	151	81	54	32	26	16	13	9

fc	48.0	32.0	15.0	8.0	4.5	3.0	2.3	1.9	1.5	1.0	0.6
lux	517	344	161	86	48	32	25	20	16	11	6

IAL-04
Half Spread Photometrics (40w)
18 ft. (5.5m) diameter

IAL-04-10
Half Spread Photometrics (40w)
22 ft. (6.7m) diameter

MOUNTING DEVICES

FAL-03 AND FAL-04 SERIES (continued)

FAL-03-5-120V-3-BRT
5w Compact Fluorescent (5w max)
Cast Aluminum

FAL-04-5,7,9-10-120V-3-BLT
5, 7, or 9 watt Comp. Fluorescent (9w max)
Cast Aluminum

FAL-04-5,7,9-10-120V-3-CAM
5, 7, or 9 watt Comp. Fluorescent (9w max)
Cast Aluminum

6"
152mm

6"
152mm

7"
178mm

7"
178mm

FAL-03-5-120V   **FAL-03-5-120V-3**

Feet	2	4	6	8	10	12
Meters		1		2		3

Height of fixture from floor: 1 ft. (305mm)

fc	9.0	32.0	17.2	10.0	6.5	4.5	3.0	2.5	1.8	1.3	1.0	0.9
lux	97	344	185	108	70	48	32	27	19	14	11	10
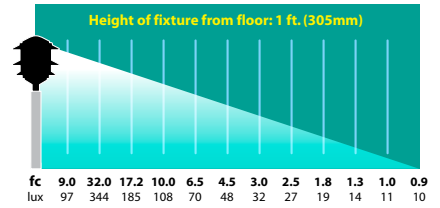
FAL-03-5-120V
Half Spread Photometrics (5w)
24 ft. (7.3m) diameter

10"
254mm

10"
254mm

7.25"
184mm

7.25"
184mm
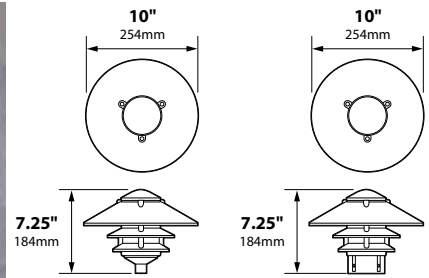
FAL-03-5-10-120V   **FAL-03-5-10-120V-3**

Feet	2	4	6	8	10
Meters		1		2	3

Height of fixture from floor: 1 ft. (305mm)

fc	11.5	27.0	14.0	8.5	5.3	3.1	1.9	1.2	1.0	0.8
lux	124	291	151	91	57	33	20	13	11	9
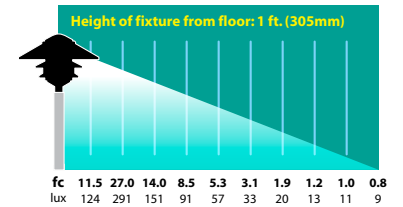
FAL-03-5-10-120V
Half Spread Photometrics (5w)
20 ft. (6.1m) diameter

Feet	2	4	6	8	10	12
Meters		1		2		3

Height of fixture from floor: 1 ft. (305mm)

fc	50.0	35.0	18.6	11.0	6.7	4.5	2.9	2.3	1.9	1.4	0.9
lux	538	377	200	118	72	48	31	25	20	15	10
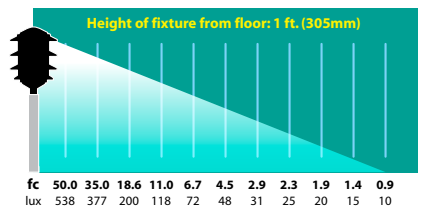
FAL-04-5-120V
Half Spread Photometrics (5w)
22 ft. (6.7m) diameter

Feet	2	4	6	8	10
Meters		1		2	3

Height of fixture from floor: 1 ft. (305mm)

fc	49.0	44.0	21.0	11.0	5.9	3.5	2.0	1.6	1.0
lux	527	474	226	118	64	38	22	17	11
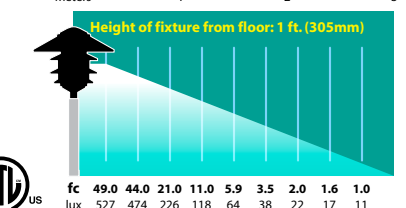
FAL-04-5-10-120V
Half Spread Photometrics (5w)
18 ft. (5.5m) diameter

6"
152mm

10"
254mm

6"
152mm

10"
254mm

8.5"
216mm

9"
229mm

8.5"
216mm

9"
229mm

FAL-04-5-120V
FAL-04-7-120V
FAL-04-9-120V

FAL-04-5-10-120V
FAL-04-7-10-120V
FAL-04-9-10-120V

FAL-04-5-120V-3
FAL-04-7-120V-3
FAL-04-9-120V-3

FAL-04-5-10-120V-3
FAL-04-7-10-120V-3
FAL-04-9-10-120V-3
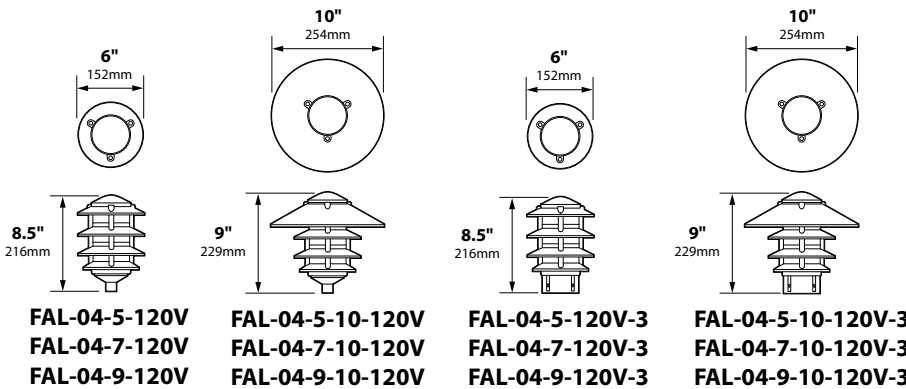
RECOMMENDED ENHANCEMENTS FOR FAL/IAL-03, -04 SERIES:
FA-89   5" Opal Glass (FAL/IAL-03, FAL/IAL-03-10)
FA-90   7" White Opal Glass (FAL/IAL-04, FAL/IAL-04-10)
FA-90-RIB 7" Clear Ribbed Glass (FAL/IAL-04, FAL/IAL-04-10)
FA-26   120v Mounting Pedestal
FA-30-NC (9"), **FA-31-NC** (12"), **FA-32-NC** (15"), **FA-33-NC** (20"), **FA-34-NC** (25")   Extension Wands

IP54

CE

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AL-04-LEDP-BRT
4w LED Panel
Cast Aluminum

AL-04-LED3-BRS
3w Omni LED (25w max)
Solid Brass

AL-04. AL-05 SPECIFICATIONS:

CONSTRUCTION: Cast brass or cast aluminum China Hat; matching brass or aluminum extruded stanchion

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Add -color to cat#
Brass-Unfinished brass. Optional finishes available.Add -acid to cat#

Catalog Number	Description	Material
AL-04LEDPBLT	7.5" China Hat	Aluminum
AL-04-LEDPBRS	7.5" China Hat	Brass
AL-05-LEDPBLT	10" China Hat	Aluminum
AL-05LEDPBRS	10" China Hat	Brass

Omni LED
LEDS by CREE

50,000 HOUR
LED FLAT PANEL

IP54

AL-04-LEDP

Feet	2	4	6	8	10
Meters		1	2		3

fc	74.0	29.5	20.0	10.5	6.0	4.0	3.0	2.2	1.2
lux	797	318	215	113	65	43	32	24	13

AL-04-LEDP
Half Spread Photometrics
18 ft. (5.4m) diameter

AL-05-LEDP-BAV
4w LED Panel
Solid Brass

Feet	2	4	6	8	10
Meters		1	2		3

fc	66.0	27.0	20.0	10.0	5.0	2.5	1.8	1.0	0.8	0.5
lux	710	291	215	108	54	27	19	11	9	5

AL-05-LEDP
Half Spread Photometrics
20 ft. (6.0m) diameter
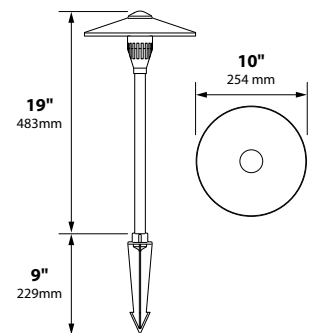
AL-05-LEDP

RECOMMENDED ENHANCEMENTS FOR AL-04, -05 SERIES:
FA-97-4, FA-97-5   Sprinkler/Glare Shield
-AH   Adjustable Hub

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AL-06-SM-LEDP-BLT
4w LED Panel
Cast Aluminum

AL-06, AL-06-SM & AL-07 SPECIFICATIONS:

CONSTRUCTION: Cast brass or aluminum Mushroom or Starfish Hat; matching extruded aluminum or brass stanchion

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)
SOCKET: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Add -color to cat#
Brass-Unfinished brass. Optional finishes available. Add -acid to cat#

Catalog Number	Description	Material
AL-06-LEDPBLT	5" Mushroom Hat	Aluminum
AL-06SM-LEDPBLT	3.5" Mushroom Hat	Aluminum
AL-06-LEDPBRS	5" Mushroom Hat	Brass
AL-06SM-LEDPBRS	3.5" Mushroom Hat	Brass
AL-07-LEDPBLT	7" Starfish Hat	Aluminum
AL-07-LEDPBRS	7" Starfish Hat	Brass

Omni LED — LEDS by CREE

IP54

50,000 HOUR LED FLAT PANEL

AL-06-LEDP-BRS
4w LED Panel
Solid Brass

AL-07-LED3-BAV
3w Omni LED (25w max)
Solid Brass

5.5"
140mm

4"
102mm

12"
305mm

9"
229mm

AL-06-LEDP

Feet	2	4	6	8
Meters		1		2

fc	64.0	31.0	23.0	12.5	8.0	5.7	4.1	0.9
lux	689	334	248	135	86	61	44	10

AL-06-LEDP
Half Spread Photometrics
16 ft. (4.9m) diameter

3.75"
95mm

3.6"
91mm

9"
229mm

9"
229mm

AL-06-SM-LEDP

Feet	2	4	6	8
Meters		1		2

fc	58.0	38.0	19.5	10.5	3.0	1.1	0.5
lux	624	409	210	113	32	12	5

AL-06-SM-LEDP
Half Spread Photometrics
14 ft. (4.3m) diameter

3"
76mm

7"
178mm

13"
330mm

9.00"
229mm

AL-07-LEDP

Feet	2	4	6	8	10
Meters		1		2	3

	58.5	16.0	22.0	13.5	7.0	1.8	fc	Inner dia.
	630	172	237	145	7.0	19	lux	

fc	59.0	21.5	21.0	13.5	8.0	5.5	4.3	3.5	2.5	1.7
lux	635	231	226	145	86	59	46	38	27	18
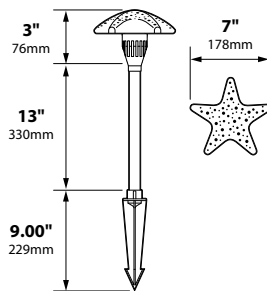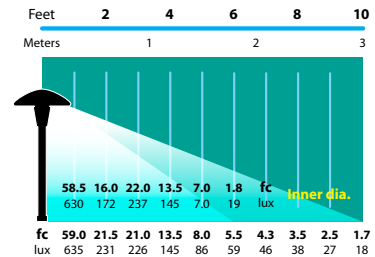
AL-07-LEDP
Half Spread Photometrics
20 ft. (6.1m) diameter

RECOMMENDED ENHANCEMENTS FOR AL-06, -07 SERIES:
FA-97-6, FA-97-6-SM, FA-97-7   Sprinkler/Glare Shield
-AH   Adjustable Hub

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AL-08 SERIES SPECIFICATIONS:

CONSTRUCTION:

AL-08:	3.0" O.D. black ABS post with cast aluminum top
AL-08-ALUM:	Cast aluminum top, 3" O.D. extruded aluminum post
AL-08-BRS:	Cast brass top, 3" O.D. extruded brass post
AL-08-COP:	Cast brass top, 3" O.D.extruded copper post
AL-08-SM:	1.5" O.D. Extruded copper post
AL-08-LG:	4.5" O.D. black ABS post with cast aluminum top
AL-08-LG-ALUM:	4.5" O.D. extruded aluminum post
AL-08-LG-BRS:	Cast brass top, 4" O.D. extruded brass post

LENS: White high-impact acrylic

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires

LAMP LIFE: 1200 hours average rating for S8 #1141, 10,000 hours for compact fluorescent

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

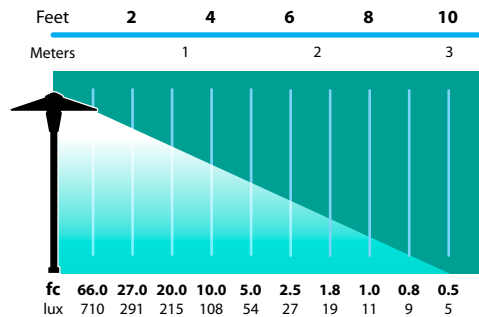**MOUNT**: 4 x FA-42-FIN (supplied, excludes AL-08 -SM & AL-08LG) FA-03 Black ABS Stake for AL-08-SM-DM

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Add -color to cat# Brass-Unfinished brass. Optional finishes available.Add -acid to cat#
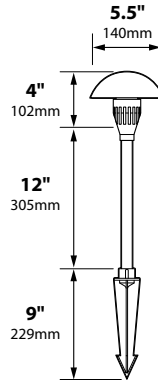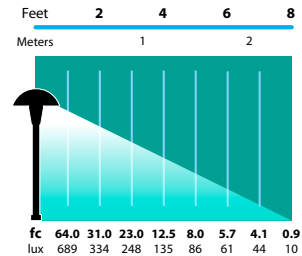
31" 787mm

3" 76mm

AL-08

4.5" 102mm

48" 1220mm

AL-08LG

IP54

Omni LED — LEDs by CREE
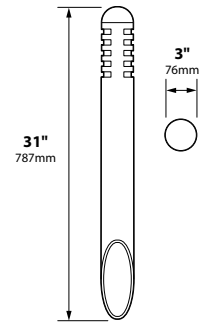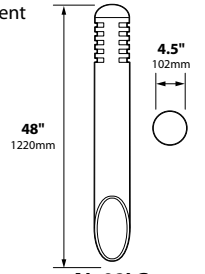
Catalog Number	Description
12 VOLT	
AL-08LED3	3" ABS, black 360° mini bollard
AL-08-ALUMLED3BLT	3" Aluminum 360° mini bollard
AL-08-LED3BRS	3" Brass 360° mini bollard
AL-08-LED3COP	3" Copper 360° mini bollard
AL-08-SMLED3COP	1.5" Copper 360° mini bollard
AL-08-SMDMLED3COP	1.5" Copper 360° mini bollard
AL-08-LGLED3	4.5" ABS black 360° bollard
AL-08LG-ALUMLED3BLT	4.5" Aluminum 360° bollard
AL-08-LG-LED3BRS:	4" O.D. extruded brass post

12v fixtures: 25 foot 16/2 fixture lead wire available; add to catalog number. For use with Focus CPC or hub supplied by others.

120 VOLT COMPACT FLUORESCENT SERIES	
AL-08-FL-5, 7	3" ABS 360° mini bollard
AL-08-FL-5, 7-ALUM-BLT	3" Aluminum 360° mini bollard
AL-08-FL-5, 7-BRS	3" Brass 360° mini bollard
AL-08-FL-5, 7-COP	3" Copper 360° mini bollard
AL-08LG-FL-5, 7	4.5" ABS black 360° bollard
AL-08LG-FL-5, 7-ALUM-BLT	4.5" Aluminum 360° bollard
AL-08-LG-BRS:	4" O.D. extruded brass post

AL-08-LED3BRS
3w Omni LED (25w max)
Solid Brass

AL-08-LED3BLT
3w Omni LED (25w max)
ABS & Aluminum

AL-08-SM Series
18w Lamp (25w Max)
Unfinished Copper

	6	4	2	Feet	2	4	6	
2		1		Meters		1		2

fc	5.0	6.3	4.0	2.5	1.8	1.5	1.0
lux	54	68	43	27	19	16	11

AL-08-SMLED3
Light Distribution and Photometrics

	6	4	2	Feet	2	4	6	
2		1		Meters		1		2

fc	5.0	6.3	4.0	2.5	1.8	1.5	1.0
lux	54	68	43	27	19	16	11

AL-08-LED3
Light Distribution and Photometrics
14 ft. (4.3m) diameter

1.25" 32mm
1.5" 38mm
16" 406mm

1.25" 32mm
1.5" 38mm
23" 584mm

	8	6	4	2	Feet	2	4	6	8	
2			1		Meters		1			2

fc	14.5	10.3	7.0	4.5	3.0	2.0	1.5	1.3
lux	156	111	75	48	32	22	16	14

AL-08-FL-7-120V
Light Distribution and Photometrics
16 ft. (4.9m) diameter

AL-08-SM-DMLED3   **AL-08-SMLED3**

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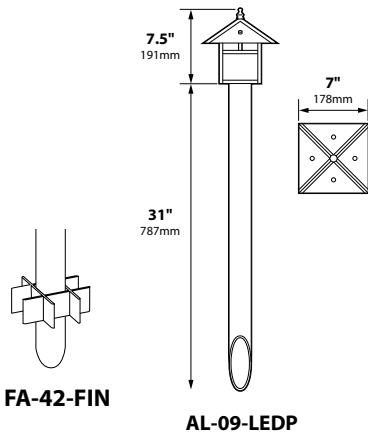
AL-09-LEDPBAV
4w LED Panel
Solid Brass

AL-09, AL-10-LGP SERIES SPECIFICATIONS:

CONSTRUCTION: Stamped solid brass Lantern; extruded brass stanchion (not AL-10-LGP)

LENS: Gold iridescent glass; optional plastic White Cracked Ice available (-ICE)

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNT: 4 black ABS stabilizing fins (FA-42-FIN supplied); no mount supplied with AL-10 series fixtures

FINISH: Unfinished brass.
Optional finishes available., page 8

Catalog Number	Description	Mount
12 VOLT		
AL-09-LEDPBLT	Brass lantern	ABS
AL-09-LEDP	Brass lantern	ABS
AL-09-LEDPBRS	Brass lantern	Brass, unfinished
AL-09-ALUMLEDPBLT	Brass lantern	Aluminum, black

12v fixtures: 25 foot 16/2 fixture lead wire available; add to catalog number. For use with Focus CPC or hub supplied by others.

	Description	Mount
120 VOLT FLUORESCENT SERIES		
AL-09-FL-5, 7, 120V-BLT	Brass lantern	ABS
AL-09-FL-5, 7, 120V	Brass lantern	ABS
AL-09-FL-5, 7, 120V-BRS	Brass lantern	Brass, unfinished
AL-09-FL-5, 7, 120V-ALUM-BLT	Brass lantern	Aluminum, black

Catalog Number	Description	Post
12 VOLT		
AL-10-LGPLEDPBLT	Brass lantern	Hardware Kit
AL-10-LGPLEDPBRS	Brass lantern	Hardware Kit

12v fixtures: 25 foot 16/2 fixture lead wire available; add **-25F** to catalog number. For use with Focus CPC or hub supplied by others.
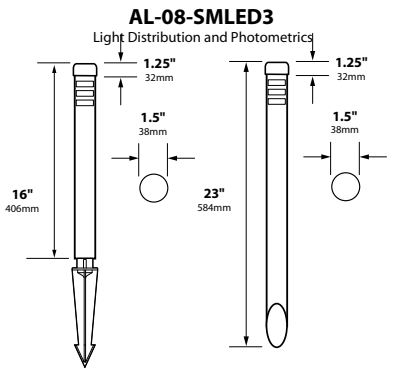
	Description	Post
120 VOLT FLUORESCENT SERIES		
AL-10-LGP-FL-5, 7, 120V-BLT	Brass lantern	Hardware Kit
AL-10-LGP-FL-5, 7, 120V-BRS	Brass lantern	Hardware Kit

7.5"
191mm

7"
178mm

31"
787mm

FA-42-FIN

AL-09-LEDP

8"
203mm

9"
229mm

1.5"
38mm

12"
304mm

13"
330mm

AL-10-LGPLEDP

AL-10-LGP-LEDPBAR
4w LED Panel
Solid Brass

Feet		2		4		6	
Meters			1			2	
fc	7.2	6.8	4.1	3.1	2.0	1.5	1.0
lux	78	73	44	33	22	16	11

AL-09
Half Spread Photometrics
14 ft. (4.3m) diameter

Feet		2		4		6	
Meters			1			2	
fc	35.0	11.2	5.5	3.0	1.8	1.2	
lux	377	121	59	32	19	13	
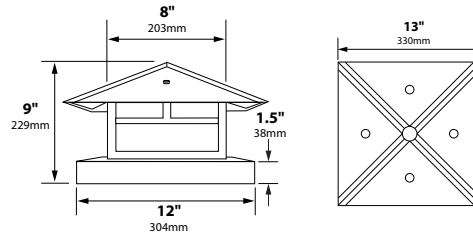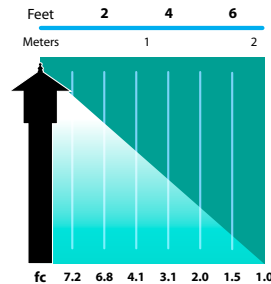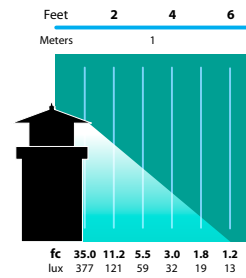
AL-10-LGP
Half Spread Photometrics
12 ft. (3.7m) diameter

50,000 HOUR LED FLAT PANEL

Omni LEDS by CREE LED

IP54 CE c ETL us Intertek

AL-11-LED3-BAR
3w Omni-3 LED (25w max)
Solid Brass

AL-11 SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass Scallop Hat or large Mushroom Hat; extruded aluminum or brass stanchion
LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)
SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200℃ silicone lead wires
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green
CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only
MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS
FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Add -color to cat#
Brass-Unfinished brass. Optional finishes available. Add -acid to cat#

Catalog Number	Description	Material
AL-11-LEDPBLT	6" Scallop Hat	Aluminum
AL-11-LEDPBRS	6" Scallop Hat	Brass
AL-12-LEDPBLT	8" Large Mushroom Hat	Aluminum
AL-12-LEDPBRS	8" Large Mushroom Hat	Brass
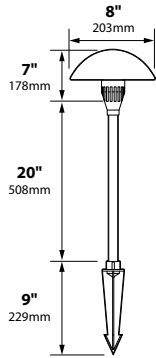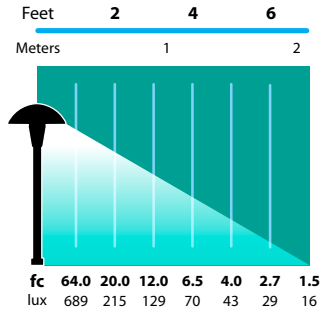
Feet		2		4		6
Meters			1			2

fc	64.0	20.0	12.0	6.5	4.0	2.7	1.5
lux	689	215	129	70	43	29	16

AL-11-LEDP
Half Spread Photometrics
14 ft. (4.3m) diameter

Feet		2		4		6		8
Meters			1			2		

fc	48.5	22.0	12.0	9.4	7.8	5.0	3.8	2.6	0.9
lux	522	237	129	101	84	54	41	28	10
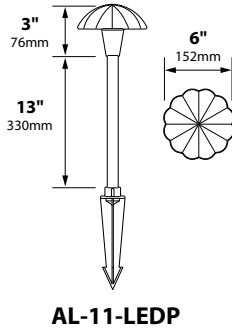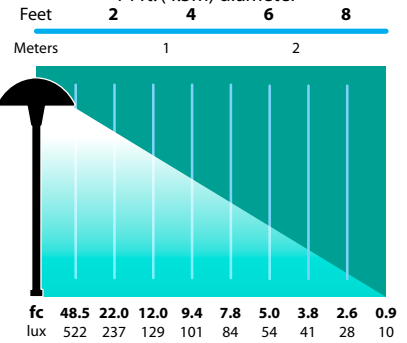
AL-12-LEDP
Half Spread Photometrics
18 ft. (5.5m) diameter

8"
203mm

7"
178mm

20"
508mm

9"
229mm

AL-12-LEDP

3"
76mm

13"
330mm

6"
152mm

AL-11-LEDP

Omni LED
LEDS by CREE

50,000 HOUR
LED FLAT PANEL

IP54

AL-12-LEDP-BRS
4w LED Panel (25w max)
Cast Aluminum

AL-12 SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass Scallop Hat or large Mushroom Hat; extruded aluminum or brass stanchion
LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)
SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200℃ silicone lead wires
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green
CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only
MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS
FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Add -color to cat#
Brass-Unfinished brass. Optional finishes available. Add -acid to cat#

RECOMMENDED ENHANCEMENTS FOR AL-11, -12 SERIES:
FA-97-11, FA-97-12 Sprinkler/Glare Shield
-AH Adjustable Hub

50,000 HOUR
LED FLAT PANEL

Omni LED
LEDS by CREE

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AL-14-LEDP-BAV
4w LED Panel
Solid Brass

AL-15-LEDP-BAR & AL-15-SM-LEDP-BAV
4w LED Panel
Solid Brass

AL-16-LEDP-BRS
4w LED Panel
Solid Brass

AL-14-BRS, AL-15(-SM)-BRS, AL-16-BRS SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass Oriental Hat; matching extruded aluminum or brass stanchion

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200℃ silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Add -color to cat#
Brass-Unfinished brass. Optional finishes available. Add -acid to cat#

Catalog Number	Description	Material
AL-14-LEDPBLT	8" Oriental Hat	Aluminum
AL-14-LEDPBRS	8" Oriental Hat	Brass
AL-15-LEDPBLT	8" Tiki Hat	Aluminum
AL-15-LEDPBRS	8" Tiki Hat	Brass
AL-15SM-LEDPBLT	5.75" Tiki Hat	Aluminum
AL-15SM-LEDPBRS	5.75" Tiki Hat	Brass
AL-16-LEDPBLT	8" Stars & Moons Hat	Aluminum
AL-16-LEDPBRS	8" Stars & Moons Hat	Brass

OMNI 3 LEDS by CREE LED

50,000 HOUR LED FLAT PANEL

8"
203mm

8"
203mm

15"
381mm

9"
229mm

AL-14-LEDP

Feet		2		4		6		8		10
Meters				1			2			3	

| fc | 47.1 | 23.4 | 22.8 | 13.2 | 8.8 | 5.5 | 3.9 | 3.1 | 2.1 | 0.6 |
| lux | 507 | 252 | 245 | 142 | 95 | 59 | 42 | 33 | 23 | 6 |

AL-14-LEDP
Half Spread Photometrics
20 ft. (6.1m) diameter

8"
203mm

4"
102mm

15"
381mm

8"
203mm

9"
229mm

AL-15-LEDP

Feet		2		4		6		8		10
Meters				1			2			3	

| fc | 55.6 | 22.8 | 19.3 | 10.5 | 5.9 | 3.7 | 2.5 | 1.7 | 1.2 | 0.6 |
| lux | 598 | 245 | 208 | 113 | 64 | 40 | 27 | 18 | 13 | 6 |

AL-15-LEDP
Half Spread Photometrics
20 ft. (6.1m) diameter

NOTE: If ordered with adjustable hub (-AH) option star and moon patterns will appear when fixture is within 20 feet of a wall
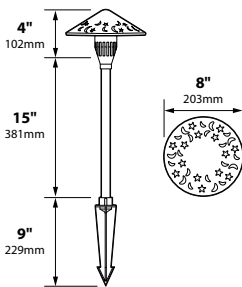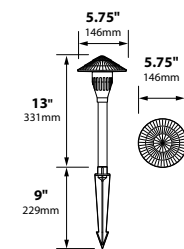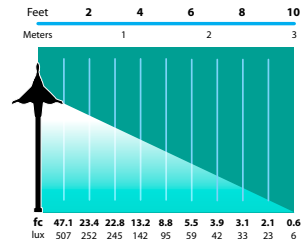
4"
102mm

15"
381mm

8"
203mm

9"
229mm

AL-16-LEDP

5.75"
146mm

5.75"
146mm

13"
331mm

9"
229mm

AL-15-SM-LEDP

Feet		2		4		6		8
Meters				1			2	

| fc | 55.6 | 22.8 | 19.3 | 10.5 | 5.9 | 3.7 | 2.5 | 1.7 | 1.2 |
| lux | 598 | 245 | 208 | 113 | 64 | 40 | 27 | 18 | 13 |

AL-15-SM-LEDP
Half Spread Photometrics

Feet		2		4		6		8		10
Meters				1			2			3	

| fc | 55.6 | 22.8 | 19.3 | 10.5 | 5.9 | 3.7 | 2.5 | 1.7 | 1.2 | 0.6 |
| lux | 598 | 245 | 208 | 113 | 64 | 40 | 27 | 18 | 13 | 6 |
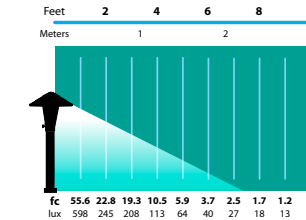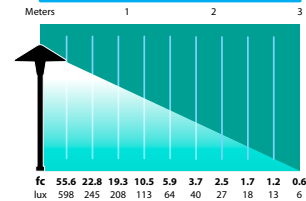
AL-16-LEDP
Half Spread Photometrics
20 ft. (6.1m) diameter

RECOMMENDED ENHANCEMENTS FOR AL-14, -15, -16 SERIES:
FA-97-14, FA-97-15, FA-97-16 Sprinkler/Glare Shield
-AH Adjustable Hub

IP54   CE   ETL c us   Intertek

AREA LIGHT FLAT PANEL LEDS

Completely Re-Engineered Hub
For Use With 4w LED Panel
The Most Efficient LED Area Lighting On The Market

ONLY FROM FOCUS

4w / 300 Lumens/ Optional 120v to 277v*
Remote Driver Supplied
Brighter Than a 20w Halogen
Available in 3000K Warm White or
5200K Cool White
50,000 Hour Round LED Panel
5 Year Warranty

*Must use FA-26 mounting post or juntion box
for 120v-277v applications

** Hub not required

IP54

AL-15-LEDPBAR

AVAILABLE ON THE FOLLOWING FOCUS AREA LIGHT MODELS

AL-01-LEDP	AL-01SM-LEDP	AL-03-LEDP (All Models) *	AL-04-LEDP	AL-05-LEDP
AL-06-LEDP	AL-06SM-LEDP	AL-07-LEDP	AL-09-LEDP **	AL-10-LEDP **
AL-10LGP-LEDP **	AL-12-LEDP	AL-14-LEDP	AL-15-LEDP	AL-15SM-LEDP
AL-16-LEDP	AL-17-LEDP	AL-17SM-LEDP	AL-17SM2-LEDP	

**50,000 HOUR
LED FLAT PANEL**

AL-17SM2-LEDPBAV

AL-06-LEDPBRS

AL-04-LEDPBRT

43

AL-17-SM-LEDP-CAM
4w LED Panel
Cast Aluminum

AL-17-LEDP-BRT
4w LED Panel
Cast Aluminum

AL-17-SM2-LEDP-BAV
4w LED Panel
Cast Aluminum

44

AL-17, AL-17-SM& AL-17-SM2 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass China Hat, matching extruded aluminum or brass stanchion

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
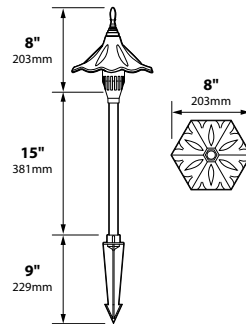120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only
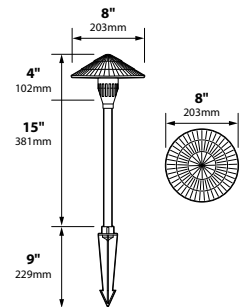
MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat.
Optional finishes available. Add -color to cat#
Brass-Unfinished brass. Optional finishes available. Add -acid to cat#

IP54

50,000 HOUR LED FLAT PANEL

CATALOG NO.	DESCRIPTION	Material
AL-17-LEDPBLT	8" China Hat	Aluminum
AL-17-LEDPBRS	8" China Hat	Brass
AL-17-SMLEDPBLT	5.5" China Hat	Aluminum
AL-17-SMLEDPBRS	5.5" China Hat	Brass
AL-17-SM2LEDPBLT	5.75" China Hat	Aluminum
AL-17-SM2LEDPBRS	5.75" China Hat	Brass

fc	55.6	22.8	19.3	10.5	5.9	3.7	2.5	1.7	1.2	0.6
lux	598	245	208	113	64	40	27	18	13	6

16		8		3	Feet	3		8		16
5		2.42		1	Meters	1		2.42		5
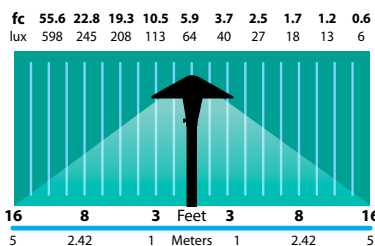
AL-17-LEDP
Half Spread Photometrics
32 ft. (9.6m) diameter
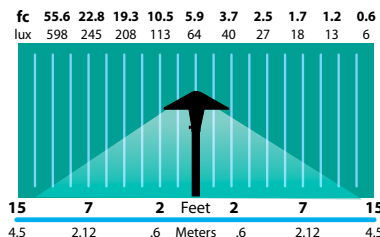
fc	55.6	22.8	19.3	10.5	5.9	3.7	2.5	1.7	1.2	0.6
lux	598	245	208	113	64	40	27	18	13	6

15		7		2	Feet	2		7		15
4.5		2.12		.6	Meters	.6		2.12		4.5

AL-17-SM-LEDP
Half Spread Photometrics
30 ft. (9m) diameter

8.00" 203mm

5.50" 140mm

5.50" 140mm

19.75" 502mm

13.5" 343mm

13.5" 343mm

9" 229mm

9" 229mm

9" 229mm

AL-17-LEDP   AL-17-SM-LEDP   AL-17-SM2-LEDP

fc	55.6	22.8	19.3	10.5	5.9	3.7	2.5	1.7	1.2	0.6
lux	598	245	208	113	64	40	27	18	13	6

15		7		2	Feet	2		7		15
4.5		2.12		.6	Meters	.6		2.12		4.5
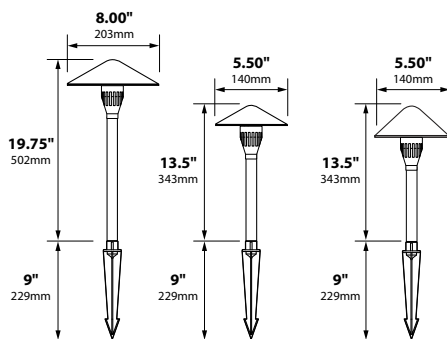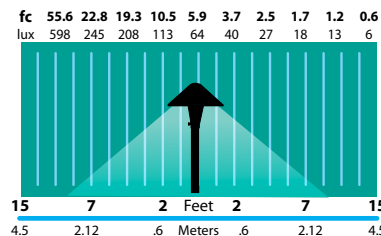
AL-17-SM2-LEDP
Half Spread Photometrics
30 ft. (9m) diameter

Feet   5   10   20
Meters   2   7

fc	87.0	20.0	5.5	2.5	1.5	0.8
lux	936	215	59	27	16	9
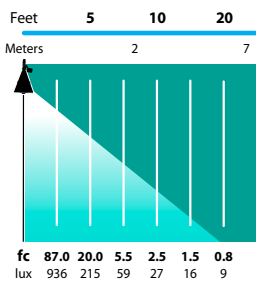
AL-18-LGAHLED3COP
Half Spread Photometrics

Feet   5   10   20
Meters   2   7

fc	60.0	1.5	1.2
lux	646	16	12
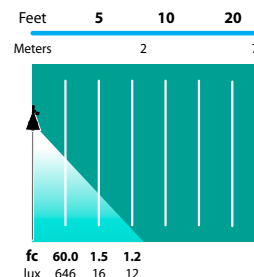
AL-18-SMAHLED3COP
Half Spread Photometrics

AL-18-LG-AH-LED3COP
3w Omni LED (25w max)
Copper Focus Torch & Light

AL-18-SM-AH-HH-BB-LED3BAT
3w Omni LED (25w max)
Copper Focus Torch & Light

AL-18-LG-HH-NG/-P-CAR
Natural Gas or Propane Fed Torch
Copper Focus Torch • No Light

AL-18LG-AH & AL-18-SM-AH SERIES SPECIFICATIONS:

CONSTRUCTION: Spun copper hat, snuff cap with cast brass adjustable hub; matching extruded copper stanchion. Hammered surface on hat available on -HH models

FUEL CAPACITY AL-18-LG: 20 ounces in vertical position; approximately 10 hours burn time

FUEL CAPACITY AL-18-SM: 14 ounces in vertical position; approximately 7 hours burn time

WICK AL-18-LG: Long lasting 3/4" round braided fiberglass

WICK AL-18-SM: Long lasting 1/4" round braided fiberglass

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s) with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: AL-18LG-AH: Angle cut stem; AL-18SM-AH: Angle cut stem; AL-18-SM-DM: FA-03 ABS Stake

FINISH: Unfinished copper–optional finishes available

AL-18LG-NATURAL GAS & PROPANE FED SERIES SPECIFICATIONS:

CONSTRUCTION: Spun copper, 18 ga. (.043 thickness)
Hammered surface on hat available on -HH models

GAS USAGE AL-18LG-NG-COP: (Natural Gas) Uses 23,404 BTU's per hour at a 7" water column

GAS USAGE AL-18LG-P-COP: (Propane Gas) Uses 18,585 BTU's per hour at a 11" water column

INSTALLATION: Adapter 1" brass adapter has standard female pipe threads for connection to a 1" (NPT) male pipe thread

VALVE: 1" brass shut-off valve included

IGNITION: Manual ignition with extended lighter

LISTING: ETL design certified
Always check with local codes prior to installation

FINISH: Unfinished copper–optional finishes available

CATALOG NO.	DESCRIPTION	MATERIAL
AL-18-SMAHLED3COP	Sm. Focus torch & light	Copper
AL-18-SMDMAHLED3COP	Sm. Focus torch & light deck mount with stake	Copper
AL-18-SM-HHAHLED3COP	Sm. Hammered Hat Focus torch & light	Copper
AL-18-SMDMHHAHLED3COP	Sm. Hammered Hat Focus torch & light deck mount with stake	Copper
AL-18-LG-AHLED3COP	Lg. Focus torch & light	Copper
AL-18-LG-HH-AH-COP	Lg. Hammered Hat Focus torch & light	Copper
AL-18-LG-NG-COP	Lg. Focus torch natural gas fed (no area light)	Copper
AL-18-LG-P-COP	Lg. Focus torch propane fed (no area light)	Copper
AL-18-LGHH-NG-COP	Lg. Hammered Hat Focus torch natural gas fed (no area light)	Copper
AL-18-LGHH-P-COP	Lg. Hammered Hat Focus torch propane fed (no area light)	Copper

Optional Stems and Hammered Hat Available

Std. copper stem
Simulated bamboo dlx.
Simulated bamboo
Brass bamboo
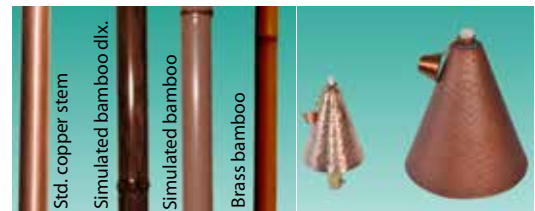
RECOMMENDED ENHANCEMENTS FOR AL-18 SERIES
-SB: Simulated bamboo
-SBD: Deluxe painted simulated bamboo
-BB: Brass bamboo

9.00" 229mm
9.00" 229mm
9.00" 229mm
9.00" 229mm

7.50" 191mm
11.50" 292mm

AL-18-LG-HH-NG/-P-COP

68.00" 1727mm

Omni LED
LEDS by CREE

IP54

CE
ETL Intertek
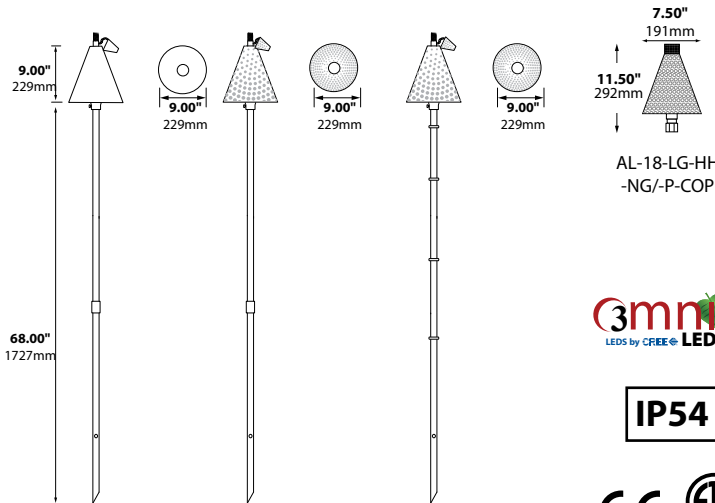
AL-18-LG-AHLED3COP
AL-18-LG-HH-AH-LED3COP
AL-18-LG-HH-AH-BB/SB-LED3COP

4.50" 114mm
5.00" 127mm
20.00" 508mm
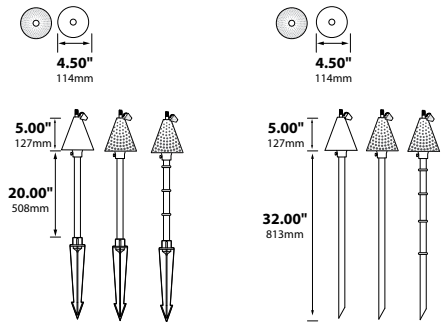
AL-18-SMDMAHLED3COP
AL-18-SMDMHHAHLED3COP
AL-18-SMDMHHAHBB/SB-LED3COP

4.50" 114mm
5.00" 127mm
32.00" 813mm

AL-18-SMAHLED3COP
AL-18-SMHHAHLED3COP
AL-18-SMHHAHBB/SB-LED3COP

AL-19 & AL-20 SERIES SPECIFICATIONS:

CONSTRUCTION AL-19: Spun copper hammered hat; matching copper stanchion with brass accents

CONSTRUCTION AL-20: Spun copper or aluminum Saturn Rings hat with adjustable hub; Copper hat has copper stanchion with brass accents; Aluminum hat has matching aluminum stanchion & accents

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v both with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

MOUNTING: FA-03-RX Brass 7" stake, tapped 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Add -color to cat#
Brass-Unfinished brass. Optional finishes available. Add -acid to cat

CATALOG NO.	DESCRIPTION	Material
AL-19-HHAHLED3COP	8" China Hat with hammered finish	Copper
AL-19-HHAHFLED3COP	8" China Hat with finial & hammered finish	Copper
AL-19-SMHHAHLED3COP	5.5" China Hat with hammered finish	Copper
AL-19-SMHHAHFLED3COP	5.5" China Hat with finial & hammered finish	Copper
AL-20-SMLED3COP	5.5" Hat with "Saturn" Rings	Copper
AL-20-SMLED3BLT	5.5" Hat with "Saturn" Rings	Aluminum
AL-20LED3COP	8" Hat with "Saturn" Rings	Copper
AL-20LED3BLT	8" Hat with "Saturn" Rings	Aluminum

AL-19-HHAHLED3COP / AL-19-SMHHAHLED3COP
3w Omni LED (25w max)
Spun Copper Hammered Hat

AL-20-SMLED3COP
3w Omni LED (25w max)
Spun Copper "Saturn" Ring Hat

AL-20-LED3COP
3w Omni LED (25w max)
Spun Copper "Saturn" Ring Hat

8.00" 203mm	5.50" 140mm	8.00" 203mm	5.75" 147mm
18" 457mm	16" 406mm	18" 457mm / 8.75" 222mm	16" 406mm / 8.75" 222mm
AL-19-LED3	AL-19-SM-LED3	AL-20-LED3	AL-20-SMLED3

3mni LEDS by CREE LED **IP54** **CE** **ETL Listed Intertek**

| 16 | 8 | 3 | Feet | 3 | 8 | 16 |
| 5 | 2.42 | 1 | Meters | 1 | 2.42 | 5 |

AL-19-LED3

| 16 | 8 | 3 | Feet | 3 | 8 | 16 |
| 5 | 2.42 | 1 | Meters | 1 | 2.42 | 5 |

AL-20-LED3

FOCUS INDUSTRIES®

AN INDUSTRY LEADER IN INNOVATION AND QUALITY SINCE 1989

Focus Industries® is a **U.S. Manufacturer** of exterior illumination. We pride ourselves on creating solutions for any lighting application.
We encourage custom designs and finishes
and look forward to your comments and feedback.

Same great FOCUS quality with a reduced price

RXA-01 SERIES SPECIFICATIONS:

CONSTRUCTION: Spun copper, aluminum or 316 stainless steel China Hat with matching extruded stanchion; Copper model features cast brass adjustable hub; Stainless model has matching cast 316 stainless steel hub; Aluminum model has aluminum hub

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s)

WIRING: Black 3 foot 18/2 zip cord from base of fixture
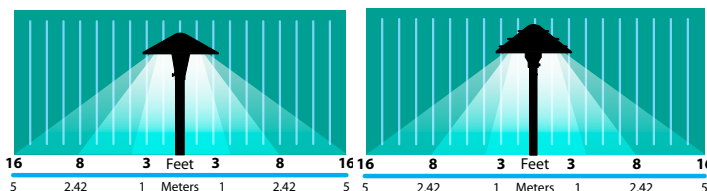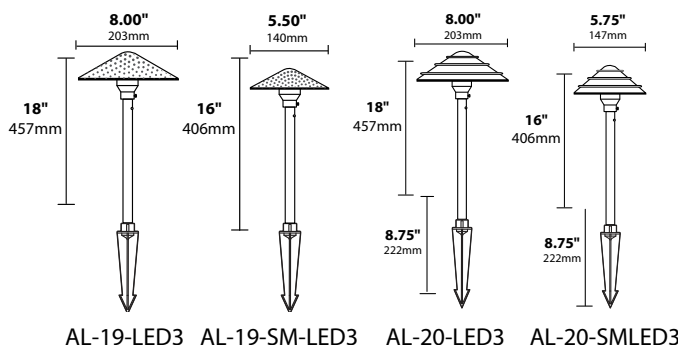For 25 foot 16/2 fixture lead wire add -25F to catalog number

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Copper - Unfinished
Aluminum-Black texture polyester powder coat.
Stainless Steel - Brushed
Optional finishes available

CATALOG NO.	DESCRIPTION
RXA-01-LED3COP	Copper 6" China Hat, w/ Adjustable Hub
RXA-01-FLED3COP	Copper 6" China Hat, Finial w/ Adjustable Hub
RXA-01-2TLED3COP	Copper 6" China Hat, Two Tier w/ Adjustable Hub
RXA-01-LED3SS	316 Stainless Steel 6" China Hat, w/ Adjustable Hub
RXA-01-FLED3SS	316 Stainless Steel 6" China Hat, Finial w/ Adjustable Hub
RXA-01-2TLED3SS	316 Stainless Steel 6" China Hat, Two Tier w/ Adjustable Hub
RXA-01-LED3BLT	Aluminum 6" China Hat, w/ Adjustable Hub
RXA-01-FLED3BLT	Aluminum 6" China Hat, Finial w/ Adjustable Hub

RXA-01-LED3-SS
3w Omni LED (20w max)
Spun stainless steel

RXA-01-2T-COP

RXA-01-F-SS

OMNI 3 LED
LEDS by CREE

6" 152mm — 15.75" 400mm / 9" 229mm — **RXA-01-LED3**
6" 152mm — 16.25" 412mm / 9" 229mm — **RXA-01-FLED3**
6" 152mm — 16.25" 412mm / 9" 229mm — **RXA-01-2TLED3**

Feet	2	4	6	8	10	12
Meters		1		2		3

| fc | 104 | 38.6 | 15.8 | 2.2 | fc | **Min.** |
| lux | 1119 | 415 | 170 | 24 | lux | |

| fc | 65.1 | 33.2 | 20.6 | 12.2 | 7.0 | 5.1 | 3.8 | 2.9 | 2.2 | 1.7 | 1.4 | 1.1 | **Max.** |
| lux | 701 | 357 | 222 | 131 | 75 | 55 | 41 | 31 | 24 | 18 | 15 | 12 | |
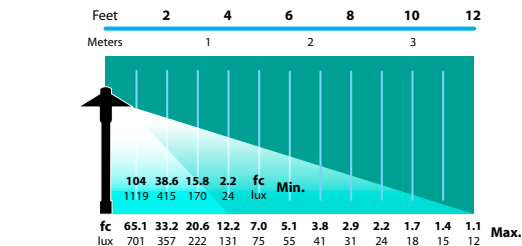
RXA-01-LED3
Half Spread Photometrics
8 ft. (2.4m) to 24 ft. (7.3m) diameter

RXA-01-2T-LED3-COP
3w Omni LED (20w max)
Spun copper

RXA-01-LED3-COP
3w Omni LED (20w max)
Spun Copper

IP54

CE   c ETL us Intertek

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℞ THE REMEDY

Same great FOCUS quality with a reduced price

RXA-02-LED3-COP
3w Omni LED (20w max)
Spun copper

RXA-02 SERIES SPECIFICATIONS:

CONSTRUCTION: Spun copper, aluminum or 316 stainless steel China Hat with matching extruded stanchion; Copper model features cast brass adjustable hub; Stainless model has matching cast 316 stainless steel hub; Aluminum model has aluminum hub

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s)

WIRING: Black 3 foot 18/2 zip cord from base of fixture
For 25 foot 16/2 fixture lead wire add -25F to catalog number

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Copper - Unfinished
Stainless Steel - Brushed
FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available.

CATALOG NO.	DESCRIPTION
RXA-02LED3COP	Spun copper 3.5" China Hat, adjustable brass hub
RXA-02FLED3COP	Spun copper 3.5" China Hat, Brass Finial, adjustable brass hub
RXA-02LED3SS	Spun stainless steel 3.5" China Hat, adjustable stainless steel hub
RXA-02FLED3SS	Spun stainless steel 3.5" China Hat, Brass Finial, adjustable brass hub
RXA-02LED3BLT	Aluminum 3.5" China Hat, adjustable aluminum hub
RXA-02FLED3BLT	Aluminum 3.5" China Hat, adjustable aluminum hub
RXA-02TLED3COP	Spun copper 3.5" 2Tier China Hat, Brass Finial, adjustable brass hub

RXA-02-F-COP   **RXA-02-F-SS**   **RXA-02-2T-COP**

Omni LED — LEDS by CREE

IP54

		3.5" 89mm	3.5" 89mm	3.5" 89mm
		15" 381mm	15.50" 393mm	16.50" 419mm
		9" 229mm	9" 229mm	9" 229mm
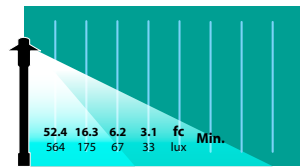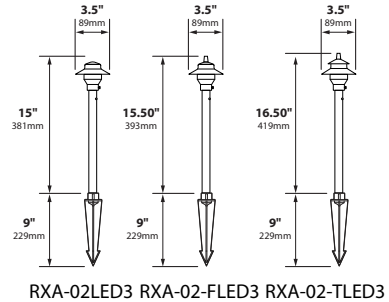
RXA-02LED3   RXA-02-FLED3   RXA-02-TLED3

Feet	2	4	6	8
Meters	1		2	

	52.4 564	16.3 175	6.2 67	3.1 33	fc lux	Min.

| fc
lux | 66.7
718 | 21.8
235 | 17.0
183 | 11.8
127 | 7.0
75 | 4.1
44 | 2.0
22 | 0.8
9 | Max. |

RXA-02-LED3
Half Spread Photometrics
7 ft. (2.1m) to 16 ft. (4.9m) diameter

CE   c ETL us LISTED Intertek

RXA-02-F-LED3-COP
3w Omni LED (20w max)
Spun copper

RXA-02-2T-LED3-COP
3w Omni LED (20w max)
Spun copper

Same great FOCUS quality with a reduced price

RXA-03 SERIES SPECIFICATIONS:

CONSTRUCTION: Spun copper or aluminum China Hat with matching extruded stanchion; cast brass or aluminum adjustable hub

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s)

WIRING: Black 3 foot 18/2 zip cord from base of fixture
For 25 foot 16/2 fixture lead wire add -25F to catalog number

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Copper - Unfinished
Aluminum-Black texture polyester powder coat. Optional finishes available.

CATALOG NO.	DESCRIPTION
RXA-03LED3COP	Spun copper 10" China Hat, adjustable brass hub
RXA-03FLED3COP	Spun copper 10" China Hat, finial, adjustable brass hub
RXA-03LED3BLT	Spun copper 10" China Hat, adjustable stainless steel hub
RXA-03FLED3BLT	Spun copper 10" China Hat, finial, adjustable brass hub

RXA-03-LED3-COP
3w Omni LED (20w max)
Spun copper

RXA-03-F-COP

RXA-03-WBR

3mni LEDS by CREE LED

IP54

9"
229mm

9"
229mm

18"
457mm

18.5"
470mm

9"
229mm

9"
229mm

RXA-03-LED3

RXA-03F-LED3

Feet	2	4	6	8	10	12	14	16	18	20
Meters		1			2			3		

fc	15.5	7.0	0.5	fc	Min.
	167	75	5	lux	

fc	9	3.4	1.6	.6	.4	.2	.1	.1	.1	Max.
lux	97	37	17	6	4	2	1	1	1	
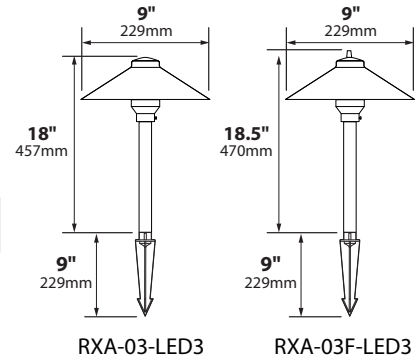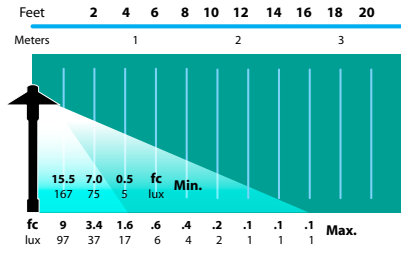
RXA-03-LED3
Half Spread Photometrics
4 ft. (1.2m) Min. to 16 ft. (7.3m) diameter Max.

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Intertek

RXA-03-LED3-COP
3w Omni LED (20w max)
Spun copper

RXA-03-LED3-COP
3w Omni LED (20w max)
Spun copper

ENHANCEMENTS FOR AREA LIGHTS

-AH   Adjustable Hub available for AL-01, AL-01-SM, AL-04, AL-05, AL-06, AL-06-SM, AL-07, AL-11, AL-12, AL-14, AL-15, AL-16. 20w T3 single contact halogen lamp is supplied with this option.

FA-05   Quick Connector –12v only

FA-26   120 volt Mounting Pedestal

FA-30-NC   9" Aluminum Extension Wand, black texture finish
FA-31-NC   12" Aluminum Extension Wand, black texture finish
FA-32-NC   15" Aluminum Extension Wand, black texture finish
FA-33-NC   20" Aluminum Extension Wand, black texture finish
FA-34-NC   25" Aluminum Extension Wand, black texture finish
For Coupler, remove –NC suffix. Brass Couplers available.

FA-89   5" White Opal Glass for all 3-tier Pagoda fixtures
FA-90   7" White Opal Glass for all 4-tier Pagoda fixtures
FA-90-RIB   7" Clear Ribbed Glass for all 4-tier Pagoda fixtures

FA-97-1   Sprinkler/Glare Shield for AL-01
FA-97-1-SM   Sprinkler/Glare Shield for AL-01-SM
FA-97-4   Sprinkler/Glare Shield for AL-04
FA-97-5   Sprinkler/Glare Shield for AL-05
FA-97-6   Sprinkler/Glare Shield for AL-06
FA-97-6-SM   Sprinkler/Glare Shield for AL-06-SM
FA-97-7   Sprinkler/Glare Shield for AL-07
FA-97-11   Sprinkler/Glare Shield for AL-11
FA-97-12   Sprinkler/Glare Shield for AL-12
FA-97-14   Sprinkler/Glare Shield for AL-14
FA-97-15   Sprinkler/Glare Shield for AL-15
FA-97-16   Sprinkler/Glare Shield for AL-16
FA-97-17/-SM   Sprinkler/Glare Shield for AL-17 & AL-17-SM
FA-97-18/-SM   Sprinkler/Glare Shield for AL-18 & AL-18-SM

1.75" 44mm
2.375" 60mm
FA-97

FA-03-3P

(Top) **Sprinkler/Glare Shield (FA-97)**
(Bottom) **Adjustable Hub (-AH)**
Shown on AL-16-AH-BLT

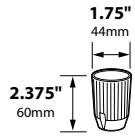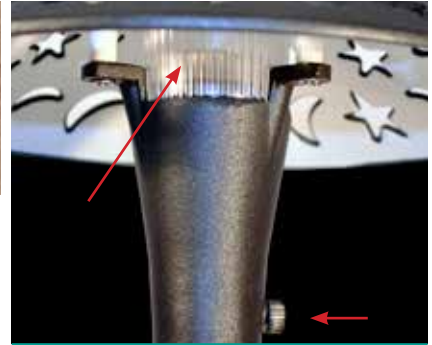**FA-97 Sprinkler/Glare Shield**: Softens light output and eliminates harsh filament brightness when seen from below (such as from elevated driveways, hot tubs, etc.) and protects from water damage such as from sprinkler trajectory impact.

FA-05 Quick Connector
Attaches Fixture to Main Cable

FA-05 Quick Connector: Attaches 12v fixture wire to main cable (12/2, 10/2, 8/2), used for quick addition or removal of fixtures without cutting, splicing or taping wires. See "Mounting Devices" section for more details.

FA-24-MD-CSTPOST-BRS
FA-24-MD-CSTPOST2-BRS

2.65" 67mm — Telescopic to 26"
13" 330mm
16" 406mm

FA-24-MD-CST-POST/-POST2
Sized for 2" OD schedule 40 PVC /ABS Pipe
Telescopic Model Available (-POST2)

Now Available in Bronze ABS
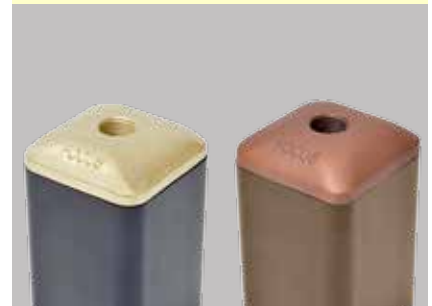
FA-25/-26 Mounting Pedestal
with Brass Cap & Brass Acid Rust Cap
ABS Stake

FA-25/-26 Mounting Pedestal: Commercial mounting pedestal with 1/2" NPS female threads, used for high traffic or maintenance areas, available in 12v and 120v versions. See "Mounting Devices" section for more details.

1.45" 37mm
1.15" 29mm
0.8" 20mm
FA-05

10" 254mm — **FA-30**
13" 330mm — **FA-31**
15" 381mm — **FA-32**
21" 583mm — **FA-33**
26" 660mm — **FA-34**
(Arrow: couplers)

3" 76mm
2.7" 70mm
FA-26-CAP

3" 76mm — 20" 508mm
FA-25/-26

3" 76mm — 20" 508mm
FA-26-R

3" 76mm — 20" 508mm
FA-26-75W

FA-30 through FA-34: Extension Wands with 1/2" NPS coupler, used for raising fixtures to achieve desired light spread or clearing ground cover, snow or other obstacles. Available in brass or aluminum. For extension wand without coupler, add **-NC**.

50
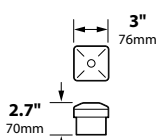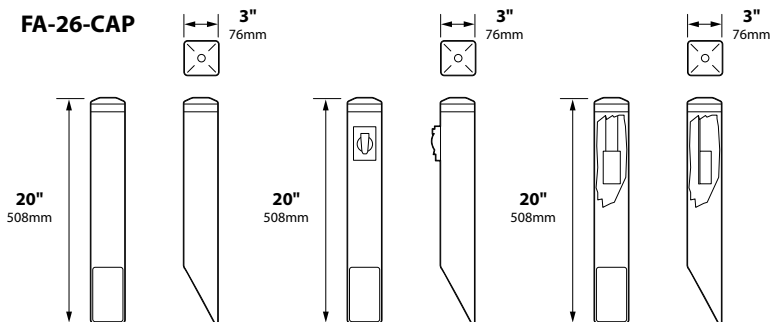
RXD-08-LED-BRS
4w ARROW LED (20w max.)
Unfinished brass bullet

DL-15SM-LEDP12V-BAR
4w LED Flat Panel
Acid Rust Finish

DL-03-LEDBRT
10w PAR36 Arrow LED
Aluminum

DL-03 SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass Bullet; matching cast aluminum or brass adjustable swivel

LED SUPPLIED : 10w, 50,000 hour ARROW PAR36 LED (-LED)

LEGACY LAMP OPTIONS: 18w, 25w 36w PAR36

SOCKET: None, PAR36 lamp supplies connection via 1/4" quick connect or stud terminal

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
Brass-Unfinished brass. Optional finishes available
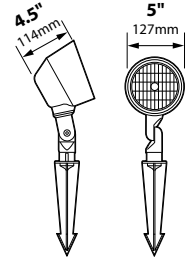
Catalog Number	Description
DL-03-LEDBLT	5" aluminum Bullet
DL-03-LEDBRS	5" brass Bullet

4.5" 114mm   5" 127mm

DL-04-LEDP412V-SS
4w LED Panel
Stainless Steel

DL-04 SERIES SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum; stamped brass, copper or stainless steel; matching cast aluminum, brass or stainless steel adjustable swivel (copper has cast brass swivel)

REFLECTOR: Diamond embossed specular aluminum

LENS: Brass/Copper/SS - clear tempered glass; Aluminum - high impact clear acrylic

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v., both with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v. only

MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
Brass-Unfinished brass. Optional finishes available
Stainless Steel-Brushed

IP53

50,000 HOUR
LED FLAT PANEL

2.5" 64mm   3.5" 89mm
4.5" 114mm   4.1" 104mm
DL-04

3.5" 89mm   3.7" 94mm
6.3" 160mm   4.1" 104mm
DL-04-HE

2.5" 64mm   3.5" 89mm
4.5" 114mm
DL-04-COP/-BRS/-SS

CE   ETL
Intertek

DL-04-LEDP412V-COP
4w LED Panel
Solid Copper

DL-04-LEDP412V-BLT
4w LED Panel
Extruded Aluminum

DL-04-HE-LEDP412V-WTX
4w LED Panel
Extruded Aluminum

DIRECTIONAL LIGHTS

12 volt/120 volt

Catalog Number	Description
DL-04-LEDPBLT	3.5" extruded aluminum floodlight with high-impact clear acrylic lens
DL-04-HELEDPBLT	3.5" extruded aluminum floodlight with high-impact clear acrylic lens & Hood Extension
DL-04LEDPBRS	3.5" brass floodlight with glass lens and brass swivel
DL-04LEDPCOP	3.5" copper floodlight with glass lens and brass swivel
DL-04LEDPSS	3.5" stainless steel floodlight with glass lens and stainless steel swivel

RECOMMENDED ENHANCEMENTS FOR DL-04 SERIES:
FA-07 Square 1/4" Hex Cell Louver
FA-10-BLUE Blue Plastic Gel
FA-10-GREEN Green Plastic Gel

50,000 HOUR LED FLAT PANEL

3mni LEDS by CREE LED

IP53

53

DL-08-LED3BAV
3w Omni LED
Brass

DL-08 & DL-09 SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass hat; matching extruded aluminum or brass stanchion

LENS: High impact clear acrylic

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
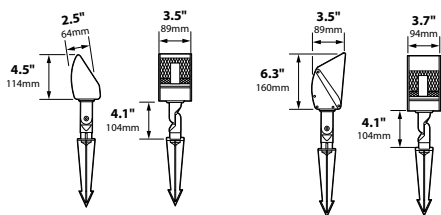Brass-Unfinished brass. Optional finishes available

Catalog Number	Description
DL-08-LED3BLT	5" China Floodlight
DL-08-LED3BRS	5" China Floodlight
DL-09-LED3BLT	5" Mushroom Floodlight
DL-09-LED3BRS	5" Mushroom Floodlight

IP53

DL-08 5.125" 130mm / 2.125" 54mm / 10.5" 267mm

DL-09 5.5" 140mm / 1.75" 44mm / 10.5" 267mm
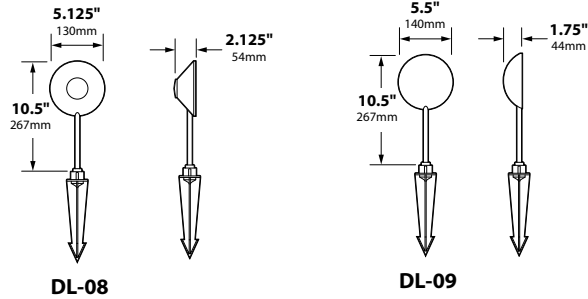
DL-09-LED3BAR
3w Omni LED
Brass

DL-09-LED3BAV
3w Omni LED
Brass

54

DL-09SM-LEDMWBR
3w LED Module
Aluminum

IP53 CE ETL c us Intertek 50,000 HOUR LED MODULE

DL-09-SM SPECIFICATIONS

CONSTRUCTION: Cast aluminum or cast brass mini directional flood light on matching cast aluminum or brass stake

LENS: High impact acrylic lens

LED SUPPLIED: : 3w 50,000 hours average rating LED Module (-LEDM)

LEGACY LAMP OPTIONS: 5w G4 bi-pin Xenon; 10,000 hours average rating (5w Max)

SOCKET: High temperature ceramic G4 with 250°C silicone lead wires
No socket on -LEDM models

WIRING: Black 3 foot 18/2 zip cord from base of fixture
For 25 foot 16/2 fixture lead wire add **-25F** to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03-RX-BLT (Aluminum models) or FA-03-RX-BRS (Brass models)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available.
Brass - Unfinished brass. Optional finishes available.

Catalog Number	Description
DL-09SM-LEDMBLT	3.75" Mushroom Floodlight
DL-09SM-LEDMBRS	3.75" Mushroom Floodlight

3.75" 95mm   1.50" 38mm   90° Rotation
6.00" 152mm
7.50" 191mm
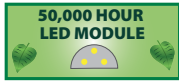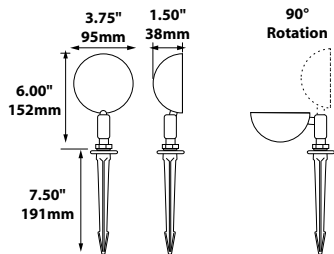
DL-10-LEDP412V-CAM
4w LED Panel
Extruded Aluminum

IP53

50,000 HOUR LED FLAT PANEL

DL-10, DL-10-HE SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum floodlight with cast aluminum adjustable swivel. Heavy-duty stamped aluminum Hood Extension available (add -HE to part number)

REFLECTOR: Highly polished specular aluminum

LENS: High impact clear acrylic

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)
**SOCKET:** Double contact bayonet, brass nickel plated lamp socket screw shell (Ba15d)

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Black texture polyester powder coat. Optional finishes available

Catalog Number	Description
DL-10-LEDPBLT	Extruded Floodlight
DL-10-HELEDPBLT	Extruded Floodlight with Hood Extension

RECOMMENDED ENHANCEMENTS FOR DL-10 SERIES:
FA-07-26 Square 1/4" Hex Cell Louver
FA-10-26-BLUE Blue Plastic Gel
FA-10-26-GREEN Green Plastic Gel

DL-10-HE-LEDP412V-RST
4w LED Panel
Extruded Aluminum

4.5"
114mm

5.1"
130mm

6.3"
160mm

4.1"
104mm

8.75"
222mm

DL-10-HE

3"
76mm

5"
127mm

5.1"
130mm

4.1"
104mm

8.75"
222mm

DL-10-H

DL-13-LEDBLT
4w ARROW MR16 LED
Cast Aluminum

IP54

LEDS by CREE
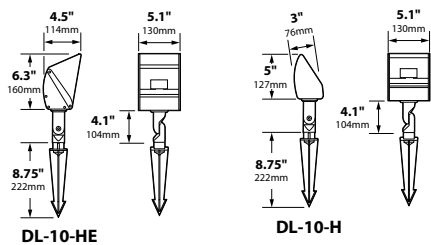
DL-13 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass Bullet; matching cast aluminum or brass adjustable swivel

LENS: High impact clear tempered convex glass

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or 4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA10,000 hours average rating; 20w MR16 TITAN 18,000 hours average rating

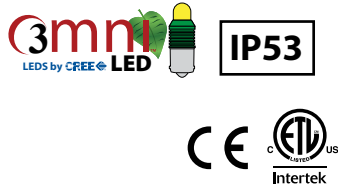**SOCKET:** High temperature ceramic bi-pin GU5.3 with 250°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
Brass-Unfinished brass. Optional finishes available

Catalog Number	Description
DL-13-LEDBLT	2.6" Bullet (MR16)
DL-13-LEDBRS	2.6" Bullet (MR16)

RECOMMENDED ENHANCEMENTS FOR DL-13 SERIES:

FA-08-21	Round 1/8"Hex Cell Louver
FA-11-AMBER	Amber Tempered Glass Lens
FA-11-BLUE	Blue Tempered Glass Lens
FA-11-GREEN	Green Tempered Glass Lens
FA-11-RED	Red Tempered Glass Lens
FA-98	Linear Spread Tempered Glass Lens
FA-104	Wide Spread Tempered Glass Lens Softener

6.5"
165mm
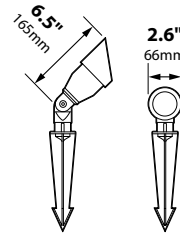
2.6"
66mm

DL-15-LEDP412V-BAR
4w LED Flat Panel
Cast Brass

DL-15-SM-LEDPR412V-CPR
4w Round LED Flat Panel
Cast Aluminum

DL-15 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, cast brass or composite flood; matching cast aluminum, brass or composite adjustable swivel

REFLECTOR: Diamond embossed specular aluminum

LENS: High impact clear acrylic

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)

LED OPTIONS: 3w 50,000 hours average rating OMNI-3 LED (-LED3
LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET DL-15-H/-SC: Double contact bayonet base (Ba15d) or Single contact bayonet base (Ba15s). Both with brass nickel plated lamp socket screw shell and 200°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
Brass-Unfinished brass. Optional finishes available

DL-15SM SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, cast brass flood; matching cast aluminum or brass adjustable swivel

REFLECTOR: Diamond embossed specular aluminum

LENS: Tempered flat glass

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)

LED OPTIONS: 3w 50,000 hours average rating OMNI-3 LED (-LED3
LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET DL-15-SM: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
Brass-Unfinished brass. Optional finishes available
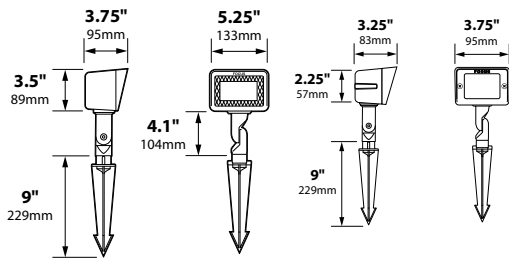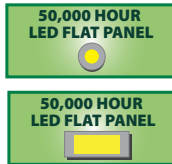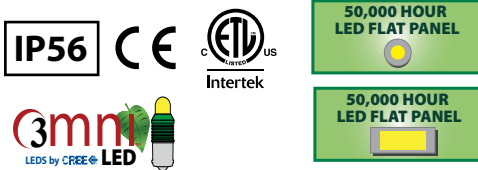
Catalog No.	Description
DL-15-LEDPBLT	Aluminum floodlight
DL-15-LEDPBRS	Brass floodlight
CDL-15-LEDP	Composite floodlight
DL-15-SMLEDPBLT	Small Aluminum floodlight
DL-15-SMLEDPBRS	Small Brass floodlight

RECOMMENDED ENHANCEMENTS FOR DL-15 SERIES:
FA-07-15 Rectangular 1/4" Hex Cell Louver
FA-10-15-BLUE Blue Tempered Glass Lens
FA-10-15-GREEN Green Tempered Glass Lens

IP56 C E

c ETL us
Intertek

3mni LED
LEDS by CREE

50,000 HOUR
LED FLAT PANEL

50,000 HOUR
LED FLAT PANEL

3.75"
95mm

5.25"
133mm

3.25"
83mm

3.75"
95mm

3.5"
89mm

2.25"
57mm

4.1"
104mm

9"
229mm

9"
229mm

DL-15

DL-15-SM

DL-17-LED-CAM
2w MR11 LED
Cast Aluminum

DL-17-LED-BAR
2w MR11 LED
Cast Brass

DL-17-RB-LED-SS
2w MR11 LED
Cast Stainless Steel

DL-20-MR16LEDBRT
4w ARROW MR16 LED
Cast Aluminum

CDL-20AC-MR16LEDBRT
4w ARROW MR16 LED
Composite
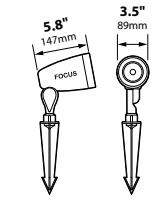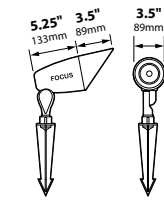
DL-17 SERIES SPECIFICATIONS:

CONSTRUCTION-DL-17-BRS: Cast brass Bullet; adjustable cast brass swivel
DL-17-RB-SS: Cast stainless steel Bullet; adjustable cast stainless steel swivel
DL-17-BLT: Cast aluminum Bullet; adjustable cast aluminum swivel

Lens: High impact clear tempered convex glass

LED SUPPLIED: 2w ARROW MR11 LED; 50,000 hours average rating 2
LEGACY LAMP OPTIONS: 20w 10,000 hrs. average rating MR11 ULTRA

SOCKET: High temperature ceramic (GZ4) bi-pin, 250℃ silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISHES: Optional finishes available.

DL-17-BRS: Unfinished brass. Optional finishes available
DL-17-RB-SS: Machined Stainless Steel
DL-17-BLT: Black texture. Optional finishes available

Catalog Number	Description
DL-17-LEDBLT	2" MR11 Aluminum Mini Bullet
DL-17-LEDBRS	2" MR11 Brass Mini Bullet
DL-17-RBLEDSS	2" MR11 Stainless Steel Mini Bullet
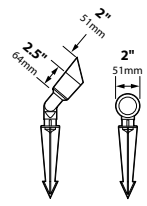
DL-17

RECOMMENDED ENHANCEMENTS FOR DL-17 SERIES:
FA-08-17	Round 1/8" Hex Cell Louver
FA-10-17-BLUE	Blue Tempered Glass Lens
FA-10-17-GREEN	Green Tempered Glass Lens
FA-98-17	Linear Spread Tempered Glass Lens
FA-104-17	Wide Spread Tempered Glass Lens Softener

DL-17RB-SS

IP54

LEDS by CREE

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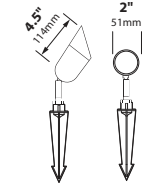
DL-20 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, cast brass or composite bullet; matching heavy duty cast aluminum, brass or composite adjustable swivel; matching extension collar with lens

LENS: High impact clear tempered convex glass

O-RING: High temperature red silicone

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
Brass-Unfinished brass. Optional finishes available

LEDS by CREE

CATALOG NO.	DESCRIPTION
DL-20-MR16LEDBLT	Cast Aluminum Bullet
DL-20-MR16LEDBRS	Cast Brass Bullet
CDL-20-MR16LEDBLT	Composite Bullet
DL-20-AC-MR16LEDBLT	Cast Aluminum Bullet, angle collar
DL-20-AC-MR16LEDBRS	Cast Brass Bullet, angle collar
CDL-20-AC-MR16LEDBLT	Composite Bullet, angle collar

120 VOLT MODELS WITH INTEGRATED ELECTRONIC 75 WATT TRANSFORMER AVAILABLE. ADD -T TO PART NUMBER
NOTE: LED LIGHT BULBS ARE NOT COMPATIBLE WITH -T MODELS (50W MAX.)

IP54

RECOMMENDED ENHANCEMENTS FOR DL-20 SERIES:
FA-08-06	Round 1/4" Hex Cell Louver
FA-10-20-BLUE	Blue Tempered Glass Lens
FA-10-20-GREEN	Green Tempered Glass Lens
FA-98-20	Linear Spread Tempered Glass Lens
FA-104-20	Wide Spread Tempered Glass Lens Softener

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DL-20
5.8" 147mm
FOCUS
3.5" 89mm

DL-20-AC
5.25" 133mm
3.5" 89mm
FOCUS
3.5" 89mm

59

DL-21 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, brass or composite Bullet; matching cast aluminum, brass or composite adjustable swivel

LENS: Convex high impact clear tempered glass

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250° C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
Brass-Unfinished brass. Optional finishes available
Brass-Unfinished brass. Optional finishes available.

Catalog Number	Description
DL-21-LEDBLT	Aluminum 3" MR16 Bullet
DL-21-LEDBRS	Brass 3" MR16 Bullet
CDL-21-LED	Composite 3" MR16 Bullet
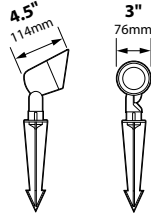
RECOMMENDED ENHANCEMENTS FOR DL-21 SERIES:
FA-08-21 Round 1/8" Hex Cell Louver
FA-11-BLUE Blue Tempered Glass Lens
FA-11-GREEN Green Tempered Glass Lens
FA-98 Linear Spread Tempered Glass Lens
FA-104 Wide Spread Tempered Glass Lens Softener

4.5" 114mm   3" 76mm

IP54

Arrow LED
LEDS by CREE

CDL-21-LEDBLT
4w ARROW MR16 LED
Aluminum

DL-21-LEDBAV
4w ARROW MR16 LED
Solid Brass

DL-21-LEDCAM
4w ARROW MR16 LED (20w max.)
Cast Aluminum

DL-21-LEDBAR
4w ARROW MR16 LED
Solid Brass

DL-22-LED-SS
4w ARROW MR16 LED
Stainless Steel

DL-22-LEDBAV
4w ARROW MR16 LED
Solid Brass

DL-22 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, brass or 316 Stainless Steel Bullet; matching heavy duty cast aluminum, brass or 316 Stainless Steel adjustable swivel

LENS: High impact clear tempered convex glass

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

**Socket:** High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v 18 guage black, white, green

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
Brass-Unfinished brass. Optional finishes available
Stainless Steel - machined finish

RECOMMENDED ENHANCEMENTS FOR DL-22 SERIES:

FA-08-21	Round 1/8" Hex Cell Louver
FA-11-BLUE	Blue Tempered Glass Lens
FA-11-GREEN	Green Tempered Glass Lens
FA-98	Linear Spread Tempered Glass Lens
FA-104	Wide Spread Tempered Glass Lens Softener

Catalog Number	Description
DL-22-LEDBLT	Cast aluminum Bullet
DL-22-LEDBRS	Cast brass Bullet
DL-22-LEDSS	Cast stainless steel Bullet
DL-22-XECLEDBLT	Cast aluminum Bullet with extra-long collar
DL-22-XECLEDBRS	Cast brass Bullet with extra-long collar

5.5" 140mm   **2.6"** 66mm

6.325" 161mm   **2.6"** 66mm

DL-22

DL-22-XEC

IP54

LEDS by CREE

DL-23-LED-BRS
1.5w MR8 LED
Solid Brass

DL-23 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass Bullet; matching cast aluminum or brass adjustable swivel

LENS: High impact clear tempered convex glass

LED SUPPLIED: 1.5w 25,000 hrs wide flood MR8 LED

LEGACY LAMP OPTIONS: 20w MR8 FL; 2000 hours average rating

SOCKET: High temperature ceramic GZ4 bi-pin with 250℃ silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

Catalog Number	Description
DL-23-LEDBLT	MR8 Aluminum Bullet
DL-23-LEDBRS	MR8 Brass Bullet

RECOMMENDED ENHANCEMENTS FOR DL-23 SERIES:

FA-08-23	Round 1/8" Hex Cell Louver
FA-11-23-BLUE	Blue Tempered Glass Lens
FA-11-23-GREEN	Green Tempered Glass Lens
FA-98-23	Linear Spread Tempered Glass Lens
FA-104-23	Wide Spread Tempered Glass Lens Softener

3.5" 89mm   **1.3"** 33mm   **2.2"** 56mm   **1.5"** 38mm

LEDS by CREE

IP54

DL-40-LEDPWBR
8w LED Panel
Cast Aluminum

DL-40-2H SERIES LIGHT SPECIFICATIONS:

CONSTRUCTION: Die cast aluminum or die cast brass floodlight with heavy duty adjustable die cast aluminum or die cast brass swivel
LENS: High impact clear tempered flat glass
GASKET: High temperature red silicone
REFLECTOR: Highly polished diamond embossed aluminum
LED SUPPLIED: 8w 50,000 hours average rating LED flat panel (-LEDP)
LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-2X),
SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
MOUNTING: Aluminum: FA-03 black 9" ABS stake, tapped 1/2"NPS
Brass: FA-03-LG black 9" oversize ABS stake, tapped 1/2"NPS
FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available.
Brass - Unfinished brass. Optional finishes available

50,000 HOUR LED FLAT PANEL

IP54 CE ETL Intertek

Catalog Number	Description
DL-40-LEDPBLT	Cast aluminum flood light
DL-40-LEDPBRS	Cast brass flood light

7.25" 184mm

9.33" 237mm

7.75" 197mm

4.2" 107mm
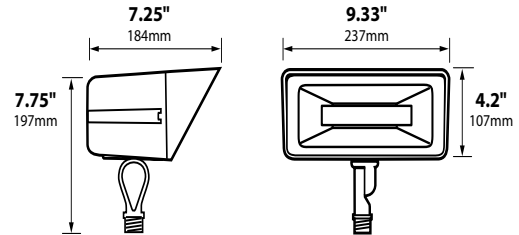
DL-41-LEDM-BRS
3w LED Module
Extruded brass

DL-41 SERIES LIGHT SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum or extruded brass mini directional flood with 360° swivel
LENS: Tempered sandblasted (diffused) glass
LAMP SUPPLIED: 3w 50,000 LED module (-LEDM)
LEGACY LAMP OPTIONS: 10w G4 bi-pin Xenon; 10,000 hours average rating (10w Max
SOCKET: High temperature ceramic G4 with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only
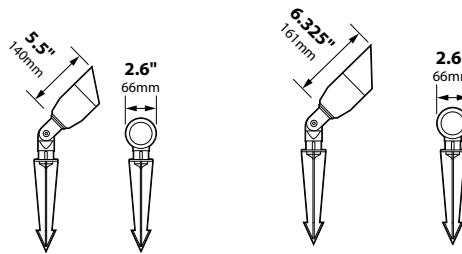**MOUNT**: FA-03 9" ABS stake threaded 1/2" NPS
FINISH: Aluminum – Black texture polyester powder coat. Optional finishes available
Brass – Unfinished. Optional finishes available

Catalog Number	Description
DL-41-LEDMBLT	Aluminum mini directional flood
DL-41-LEDMBRS	Brass mini directional flood
DL-41HOR-LEDMBLT	Horizontal aluminum mini directional flood
DL-41HOR-LEDMBRS	Horizontal brass mini directional flood
DL-41VERT-LEDMBLT	Vertical aluminum mini directional flood
DL-41VERT-LEDMBRS	Vertical brass mini directional flood

2.00" 51mm

3.875" 121mm

FOCUS   FOCUS

50,000 HOUR LED MODULE

IP54 CE ETL Intertek
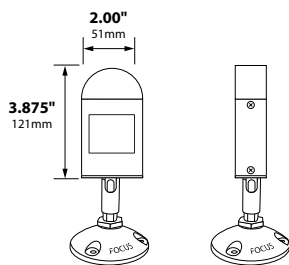
DL-42-LEDM740-BRS
7w LED Module
Brass

DL-42, DL-43 & DL-45 SERIES LIGHT SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, Cast brass integrated heat sink base; matching cast adjustable swivel with 240° rotation; Extruded aluminum, brass or copper housing (copper housing has brass base)

LENS: High impact clear tempered convex glass

O-RING: 2x High temperature red silicone

LIGHT SOURCE DL-42: Integrated 7w LED module (equivalent to 35w halogen) with 6 high power Cree XPE LEDs; 50,000 hours average rating

LIGHT SOURCE DL-43: Integrated 11w LED module (equivalent to 50w halogen) with 6 high power Cree XPE LEDs; 50,000 hours average rating

LIGHT SOURCE DL-45: Integrated 15w LED module (equivalent to 75w halogen) with 6 high power Cree XPE LEDs; 50,000 hours average rating

OPTICS: Interchangeable spot (15°), flood (40°), wide floof (60°) and very wide flood (no optics)

12v DRIVER: Integrated on-board, no external driver required. 12v AC/DC input. Voltage range 9-18v; Optimum operating range 12v-15v

120v DRIVER: HW-12-60LED* 120v Input, 12v AC output LED Driver
120v/277v DRIVER: HW-12-20MVLED* 90v-277v Input, 12v AC output LED Driver

*Must use FA-26 mounting post or junction box

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

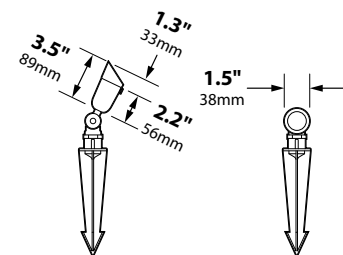**CONNECTION:** FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING:
Aluminum model: FA-03 black 9" ABS stake, tapped 1/2" NPS
Brass & Copper models: FA-03-LG large black 9" ABS stake, tapped 1/2" NPS

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available.
Brass & Copper - Unfinished.
Optional finishes available

DL-43-LEDM1140-BAR
11w LED Module
Brass

LED Modules

7w, 11w &15w

LED Module Optics
15˚ | 40˚ | 60˚

OPTICS
FA-DL42OPTIC60 (60˚ Wide Flood)
FA-DL42OPTIC40 (40˚ Flood)
FA-DL42OPTIC15 (15˚ Spot)

IP54

DL-45-LEDM1515-BAR w/ FA-24MD-BAR
11w LED Module
Brass

120v DL-42, DL-43, DL-45 Models Available
120v Driver: Integrated on-board, no external driver required

LIGHT SOURCE DL-42: Integrated 7w LED module (equivalent to 35w halogen) with 6 high power Cree XPE LEDs; 50,000 hours average rating
LIGHT SOURCE DL-43: Integrated 11w LED module (equivalent to 50w halogen) with 6 high power Cree XPE LEDs; 50,000 hours average rating
LIGHT SOURCE DL-45: Integrated 15w LED module (equivalent to 75w halogen) with 6 high power Cree XPE LEDs; 50,000 hours average rating

To Order Add 120V to part number eg: DL-42-LEDM740120V-BLT

50,000 HOUR LED MODULE

CATALOG NO.	DESCRIPTION	LAMP
DL-42-LEDM760-BLT	Aluminum Bullet, 60° Optics	7w LED Module
DL-42-LEDM740-BLT	Aluminum Bullet, 40° Optics	7w LED Module
DL-42-LEDM715-BLT	Aluminum Bullet, 15° Optics	7w LED Module
DL-42-LEDM7WF-BLT	Aluminum Bullet, No Optics	7w LED Module
DL-42-LEDM760-BRS	Brass Bullet, 60° Optics	7w LED Module
DL-42-LEDM740-BRS	Brass Bullet, 40° Optics	7w LED Module
DL-42-LEDM715-BRS	Brass Bullet, 15° Optics	7w LED Module
DL-42-LEDM7WF-BRS	Brass Bullet, No Optics	7w LED Module
DL-42-LEDM760-COP	Copper Bullet, 60° Optics	7w LED Module
DL-42-LEDM740-COP	Copper Bullet, 40° Optics	7w LED Module
DL-42-LEDM715-COP	Copper Bullet, 15° Optics	7w LED Module
DL-42-LEDM7WF-COP	Copper Bullet, No Optics	7w LED Module

CATALOG NO.	DESCRIPTION	LAMP
DL-43-LEDM1160-BLT	Aluminum Bullet, 60° Optics	11w LED Module
DL-43-LEDM1140-BLT	Aluminum Bullet, 40° Optics	11w LED Module
DL-43-LEDM1115-BLT	Aluminum Bullet, 15° Optics	11w LED Module
DL-43-LEDM11WF-BLT	Aluminum Bullet, No Optics	11w LED Module
DL-43-LEDM1160-BRS	Brass Bullet, 60° Optics	11w LED Module
DL-43-LEDM1140-BRS	Brass Bullet, 40° Optics	11w LED Module
DL-43-LEDM1115-BRS	Brass Bullet, 15° Optics	11w LED Module
DL-43-LEDM11WF-BRS	Brass Bullet, No Optics	11w LED Module
DL-43-LEDM1160-COP	Copper Bullet, 60° Optics	11w LED Module
DL-43-LEDM1140-COP	Copper Bullet, 40° Optics	11w LED Module
DL-43-LEDM1115-COP	Copper Bullet, 15° Optics	11w LED Module
DL-43-LEDM11WF-COP	Copper Bullet, No Optics	11w LED Module

CATALOG NO.	DESCRIPTION	LAMP
DL-45-LEDM1560-BLT	Aluminum Bullet, 60° Optics	15w LED Module
DL-45-LEDM1540-BLT	Aluminum Bullet, 40° Optics	15w LED Module
DL-45-LEDM1515-BLT	Aluminum Bullet, 15° Optics	15w LED Module
DL-45-LEDM15WF-BLT	Aluminum Bullet, No Optics	15w LED Module
DL-45-LEDM1560-BRS	Brass Bullet, 60° Optics	15w LED Module
DL-45-LEDM1540-BRS	Brass Bullet, 40° Optics	15w LED Module
DL-45-LEDM1515-BRS	Brass Bullet, 15° Optics	15w LED Module
DL-45-LEDM15WF-BRS	Brass Bullet, No Optics	15w LED Module
DL-45-LEDM1560-COP	Copper Bullet, 60° Optics	15w LED Module
DL-45-LEDM1540-COP	Copper Bullet, 40° Optics	15w LED Module
DL-45-LEDM1515-COP	Copper Bullet, 15° Optics	15w LED Module
DL-45-LEDM15WF-COP	Copper Bullet, No Optics	15w LED Module

For 120V models add -120V to part number

RECOMMENDED ENHANCEMENTS FOR DL-42/43 SERIES:

FA-08-DL-42-21	Round 1/4" Hex Cell Louver
FA-11-DL-42-BLUE	Blue Tempered Glass Lens
FA-11-DL-42-GREEN	Green Tempered Glass Lens
FA-11-DL-42-AMBER	Amber Tempered Glass Lens
FA-11-DL-42-RED	Red Tempered Glass Lens
FA-104-DL-42-SB	Wide Spread Sandblasted Glass Lens Softener

50,000 HOUR LED MODULE

DL-45LEDM1560-BAR
15w LED Module
Brass

4.5" 114mm   3.125" 78mm
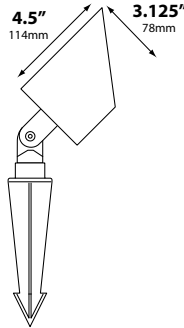
DL-42 | DL-43 | DL-45

DL-45-LEDM1540-BAR
15w LED Module
Brass

DL-44-LED-CAM
4w ARROW MR16 LED
Aluminum

DL-44 SERIES LIGHT SPECIFICATIONS:

CONSTRUCTION: Extruded 2.25" square aluminum or brass bullet; matching die cast adjustable swivel with 240° rotation

LENS: High impact clear tempered convex glass

GASKET: High temperature black silicone

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or 4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating; 20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only) For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)
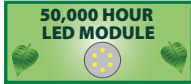
MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available. Brass - Unfinished brass. Optional finishes available.

LEDS by CREE

CATALOG NO.	DESCRIPTION
DL-44-LEDBLT	Square Aluminum Bullet
DL-44-LEDBRS	Square Brass Bullet
DL-44TS-LEDBLT	Tube Shield Square Aluminum Bullet
DL-44TS-LEDBRS	Tube Shield Square Brass Bullet

RECOMMENDED ENHANCEMENTS FOR DL-42/43 SERIES:

FA-08-21	Round 1/4" Hex Cell Louver
FA-11-BLUE	Blue Tempered Glass Lens
FA-11-GREEN	Green Tempered Glass Lens
FA-11-AMBER	Amber Tempered Glass Lens
FA-11-RED	Red Tempered Glass Lens
FA-98	Linear Spread Tempered Glass Lens
FA-104-SB	Wide Spread Sandblasted Glass Lens Softener

5.5" 140mm   2.25" 57mm

CE ETL Intertek IP54

THE REMEDY
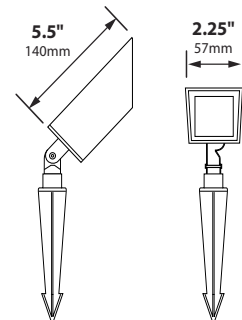
Same great FOCUS quality with a reduced price

RXD-01-LED-BAR
4w ARROW MR16 LED
Cast brass bullet

RXD-01-BAR SERIES SPECIFICATIONS:

CONSTRUCTION: Cast brass bullet, adjustable cast brass swivel with 240˚ rotation

LENS: High impact clear tempered convex glass

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black 3 foot 18/2 SPT-1W from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Brass acid rust (-BAR) only

Catalog Number	Description
RXD-01-LEDBAR	Cast Brass Bullet

5" 127mm   2.4" 61mm   9" 229mm
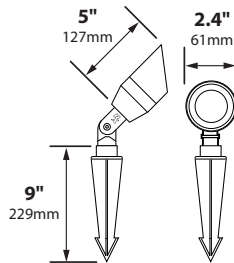
RECOMMENDED ENHANCEMENTS FOR RXD-01 SERIES:

FA-08-21	Round 1/8" Hex Cell Louver
FA-11-BLUE	Blue Tempered Flat Glass Lens
FA-11-GREEN	Green Tempered Flat Glass Lens
FA-11-AMBER	Amber Tempered Flat Glass Lens
FA-11-RED	Red Tempered Flat Glass Lens
FA-98	Linear Spread Tempered Glass Lens
FA-104-SB	Wide Spread Sand Blasted Glass Lens Softener

LEDS by CREE

IP54   CE   ETL Intertek

RXD-02 SERIES SPECIFICATIONS:

CONSTRUCTION: Unfinished copper bullet, adjustable cast brass swivel with 240˚ rotation or extruded aluminum bullet, adjustable cast aluminum swivel with 240˚ rotation

LENS: High impact clear tempered convex glass

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

MOUNT: FA-03 Black 8.5" ABS stake threaded 1/2" NPS

FINISH: Copper: Unfinished copper
Aluminum – Black texture polyester powder coat, Optional finishes available

Catalog Number	Description
RXD-02-LEDCOP	20w MR16 Copper Bullet
RXD-02-LEDBLT	20w MR16 Aluminum Bullet

RECOMMENDED ENHANCEMENTS FOR RXD-02 SERIES:

FA-08-21	Round 1/8" Hex Cell Louver
FA-11-33-BLUE	Blue Tempered Flat Glass Lens
FA-11-33-GREEN	Green Tempered Flat Glass Lens
FA-11-33-AMBER	Amber Tempered Flat Glass Lens
FA-11-33-RED	Red Tempered Flat Glass Lens
FA-98-33	Linear Spread Tempered Glass Lens
FA-104-33-SB	Wide Spread Sand Blasted Glass Lens Softener

5.25" 134mm   2.125" 54mm   9" 229mm

LEDS by CREE

IP54   CE   ETL Intertek
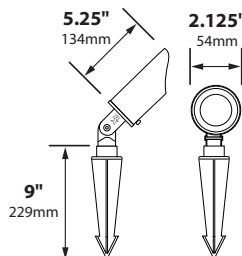
RXD-02-LED-COP
4w ARROW MR16 LED
Copper bullet

65

THE REMEDY

Same great FOCUS quality with a reduced price

RXD-02 TUBE SHIELD SERIES SPECIFICATIONS:

CONSTRUCTION: Unfinished copper tube shield bullet, adjustable cast brass swivel with 240° rotation or extruded aluminum tube shield bullet, adjustable cast aluminum swivel with 240° rotation
LENS: High impact clear tempered convex glass
LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or 4w ARROW Saver LED 40,000 hours average rating
LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating; 20w MR16 TITAN 18,000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
**WIRING:** Black 3 foot 18/2 zip cord from base of fixture (12v only) For 25 foot 16/2 fixture lead wire add -25F to catalog number.
MOUNT: FA-03 Black 8.5" ABS stake threaded 1/2" NPS
FINISH: Copper: Unfinished copper. Optional finishes available Aluminum – Black texture polyester powder coat,. Optional finishes available

Catalog Number	Description
RXD-02TS-LEDCOP	Unfinished Copper Tube Shield Bullet
RXD-02TS-LEDBLT	Aluminum Tube Shield Bullet

RECOMMENDED ENHANCEMENTS FOR RXD-02 SERIES:
FA-08-21	Round 1/8" Hex Cell Louver
FA-11-33-BLUE	Blue Tempered Flat Glass Lens
FA-11-33-GREEN	Green Tempered Flat Glass Lens
FA-11-33-AMBER	Amber Tempered Flat Glass Lens
FA-11-33-RED	Red Tempered Flat Glass Lens
FA-98-33	Linear Spread Tempered Glass Lens
FA-104-33-SB	Wide Spread Sand Blasted Glass Lens Softener

RXD-02TS-LED-COP
4w ARROW MR16 LED
Copper bullet

RXD-03 SERIES SPECIFICATIONS:

CONSTRUCTION: Unfinished copper bullet, adjustable cast brass swivel with 240° rotation
LENS: High impact clear tempered convex glass
LED SUPPLIED: 2w ARROW MR11 LED; 50,000 hours average rating 2
LEGACY LAMP OPTIONS: 20w 10,000 hrs. average rating MR11 ULTRA
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only) For 25 foot 16/2 fixture lead wire add -25F to catalog number.
MOUNT: FA-03 Black 8.5" ABS stake threaded 1/2" NPS
FINISH: Unfinished copper. Optional finishes available

Catalog Number	Description
RXD-03-LEDCOP	Unfinished Copper Bullet
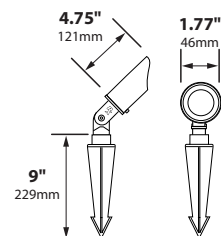
RECOMMENDED ENHANCEMENTS FOR RXD-03 SERIES:
FA-08-17	Round 1/8" Hex Cell Louver
FA-10-17-BLUE	Blue Tempered Flat Glass Lens
FA-10-17-GREEN	Green Tempered Flat Glass Lens
FA-98-17	Linear Spread Tempered Glass Lens
FA-104-17	Wide Spread Sand Blasted Glass Lens Softener

RXD-03-LED-COP
2w MR11 LED
Copper bullet

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RXD-03TS-LED-COP
2w ARROW MR11 LED
Copper bullet

RXD-03 TUBE SHIELD SERIES SPECIFICATIONS:

CONSTRUCTION: Unfinished copper tube shield bullet, adjustable cast brass swivel with 240˚ rotation
LENS: High impact clear tempered convex glass

LED SUPPLIED: 2w ARROW MR11 LED; 50,000 hours average rating 2
LEGACY LAMP OPTIONS: 20w 10,000 hrs. average rating MR11 ULTRA
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
MOUNT: FA-03 Black 8.5" ABS stake threaded 1/2" NPS

FINISH: Unfinished copper. Optional finishes available

Catalog Number	Description
RXD-03TS-LEDCOP	Unfinished Copper Bullet

RECOMMENDED ENHANCEMENTS FOR RXD-03 SERIES:

FA-08-17	Round 1/8" Hex Cell Louver
FA-10-17-BLUE	Blue Tempered Flat Glass Lens
FA-10-17-GREEN	Green Tempered Flat Glass Lens
FA-99-17	Clear Tempered Convex Glass Lens
FA-98-17	Linear Spread Tempered Glass Lens
FA-104-17	Wide Spread Sand Blasted Glass Lens Softener

4.75"
121mm

1.77"
46mm

9"
229mm

IP54 CE ETL Intertek

LEDS by CREE

RXD-04 SERIES SPECIFICATIONS:

CONSTRUCTION: Unfinished copper bullet, adjustable cast brass swivel with 240˚ rotation
LENS: High impact clear tempered convex glass

LED SUPPLIED: 1.5w 25,000 hrs wide flood MR8 LED

LEGACY LAMP OPTIONS: 20w MR8 FL; 2000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
MOUNT: FA-03 Black 8.5" ABS stake threaded 1/2" NPS

FINISH: Unfinished copper. Optional finishes available

Catalog Number	Description
RXD-04-LEDCOP	Unfinished Copper Bullet

LEDS by CREE
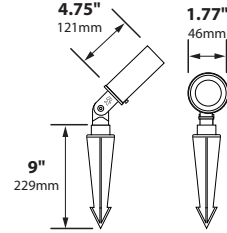
RXD-04-LED-COP
1.5w MR8 LED
Copper bullet

RXD-04 TUBE SHIELD SERIES SPECIFICATIONS:

CONSTRUCTION: Unfinished copper tube shield bullet, adjustable cast brass swivel with 240˚ rotation
LENS: High impact clear tempered convex glass
LED SUPPLIED: 1.5w 25,000 hrs wide flood MR8 LED

LEGACY LAMP OPTIONS: 20w MR8 FL; 2000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
MOUNT: FA-03 Black 8.5" ABS stake threaded 1/2" NPS

FINISH: Unfinished copper. Optional finishes available

Catalog Number	Description
RXD-04TS-LEDCOP	Unfinished Copper Bullet

RECOMMENDED ENHANCEMENTS FOR RXD-04/-TS SERIES:

FA-08-23	Round 1/8"Hex Cell Louver
FA-11-23-BLUE	Blue Tempered Glass Lens
FA-11-23-GREEN	Green Tempered Glass Lens
FA-98-23	Linear Spread Tempered Glass Lens
FA-104-23	Wide Spread Tempered Glass Lens Softener

3.5"
89mm

1.4"
35mm

9"
229mm
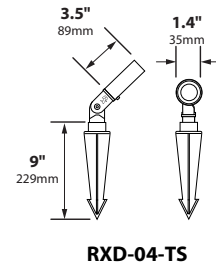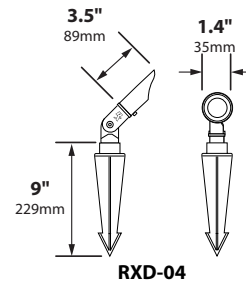
RXD-04

RXD-04TS-LED-COP
1.5w MR8 LED
Copper bullet

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3.5"
89mm

1.4"
35mm

9"
229mm

RXD-04-TS

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RXD-08-LED-BRS
4w ARROW LED
Machined brass bullet

RXD-08TAC-LED-BAR
4w ARROW LED
Machined brass bullet

RXD-08 SERIES SPECIFICATIONS:

CONSTRUCTION: Machined brass cylinder with threaded cap & cast brass adjustable swivel Lamp recessed 1" for extra glare protection

LENS: Clear tempered stepped glass

O-RING: High temperature red silicone

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Brass-Unfinished brass. Optional finishes available

Catalog Number	Description
RXD-08-LEDBRS	Cast Brass Bullet
RXD-08TS-LEDBRS	Cast Brass Bullet w/Brass Tube Shield
RXD-08TAC-LEDBRS	Cast Brass Bullet w/Threaded Angle Collar

RECOMMENDED ENHANCEMENTS FOR RXD-03 SERIES:

FA-08-21	Round 1/8" Black Hex Cell Louver
FA-11-BLUE	Blue Tempered Flat Glass Lens
FA-11-GREEN	Green Tempered Flat Glass Lens
FA-11-AMBER	Amber Tempered Flat Glass Lens
FA-11-RED	Red Tempered Flat Glass Lens
FA-98-36C16	Linear Spread Tempered Glass Lens
FA-104-SB	Wide Spread Sand Blasted Glass Lens

RXD-08TAC-LED-BRS
4w ARROW LED
Machined brass bullet

6.00" 152mm **2.25"** 57mm **1.00"** 25mm

RXD-08

5.5" 140mm **2.25"** 57mm **9"** 229mm

RXD-08TAC

Arrow LED
LEDS by CREE

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THE REMEDY
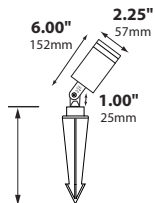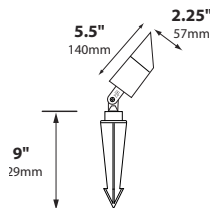
Same great FOCUS quality with a reduced price

RXD-09-LED-BAR
2w ARROW MR11 LED
Brass bullet on FA-24MDT Mount

RXD-09TAC-LEDBRS
2w ARROW MR11 LED
Brass bullet

RXD-10-LED-BAR
1.5w MR8 LED
Brass bullet

RXD-10TAC-LEDBRS
2w ARROW MR11 LED
Brass bullet

RXD-09 & RXD-10 SERIES SPECIFICATIONS:

CONSTRUCTION: Brass bullet, adjustable cast brass swivel with 240° rotation
LENS: High impact clear tempered convex glass
LED SUPPLIED RXD-09: 2w ARROW MR11 LED; 50,000 hours average rating
LED SUPPLIED RXD-10: 1.5w 25,000 hrs wide flood MR8 LED
LEGACY LAMP OPTIONS RXD-09: 20w 10,000 hrs. average rating MR11 ULTRA
LEGACY LAMP OPTIONS RXD-10: 20w MR8 FL; 2000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
MOUNT: FA-03 Black 8.5" ABS stake threaded 1/2" NPS
FINISH: Brass-Unfinished brass. Optional finishes available

Catalog Number	Description
RXD-09-LEDBRS	20w MR11 Cast Brass Bullet
RXD-09TAC-LEDBRS	20w MR11 Cast Brass Bullet w/ Threaded Angle Collar
RXD-10-LEDBRS	20w MR8 Cast Brass Bullet
RXD-10TAC-LEDBRS	20w MR8 Cast Brass Bullet w/ Threaded Angle Collar

RECOMMENDED ENHANCEMENTS FOR RXD-09 SERIES:

FA-08-17	Round 1/8" Hex Cell Louver
FA-10-17-BLUE	Blue Tempered Flat Glass Lens
FA-10-17-GREEN	Green Tempered Flat Glass Lens
FA-99-17	Clear Tempered Convex Glass Lens
FA-98-17	Linear Spread Tempered Glass Lens
FA-104-17	Wide Spread Sand Blasted Glass Lens Softener

RECOMMENDED ENHANCEMENTS FOR RXD-10 SERIES:

FA-08-23	Round 1/8"Hex Cell Louver
FA-11-23-BLUE	Blue Tempered Glass Lens
FA-11-23-GREEN	Green Tempered Glass Lens
FA-98-23	Linear Spread Tempered Glass Lens
FA-104-23	Wide Spread Tempered Glass Lens Softener

RXD-09TAC — 2.875" 73mm, 1.70" 43mm, 9" 229mm

RXD-09 — 2.875" 73mm, 1.70" 43mm, 9" 229mm

RXD-10TAC — 2.75" 70mm, 1.20 " 31mm

RXD-10 — 2.75" 70mm, 1.20 " 31mm

Arrow LED
LEDS by CREE

IP54 CE ETL Intertek

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THE REMEDY
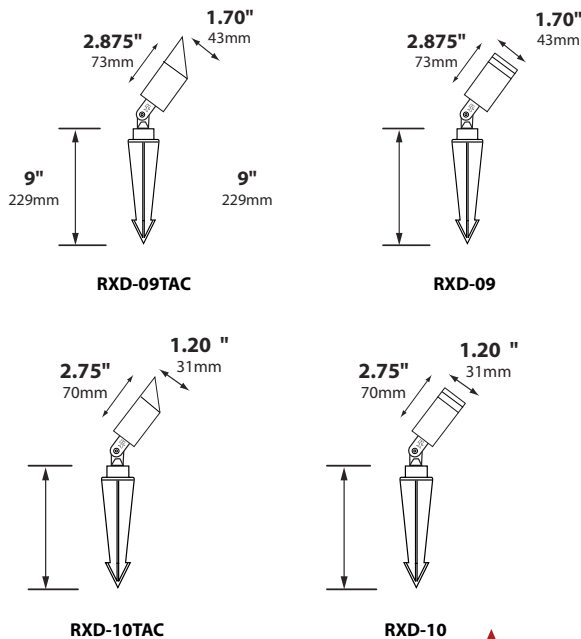
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RXD-01-LED-BAV
4w MR16 LED
Cast brass bullet

RXD-02-LED-COP
4w MR16 LED
Copper bullet

RXD-02-LED-COP
4w MR16 LED
Copper bullet

RXD-09-LED-COP
2w MR11 LED
Brass bullet

RXD-01-LEDBAR
4w MR16 LED
Brass bullet

120 volt Incandescent/Halogen/LED

120
A C
VOLT

DL-20-NL, DL-20-MR16T, DL-20-AR70T SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, cast brass or composite bullet; matching heavy duty cast aluminum, brass or composite adjustable swivel

COLLARS–EC: Cast aluminum extension cap, bra ss for -BRS fixtures, composite for -CDL fixtures
AC: Cast aluminum angle collar, brass for -BRS fixtures, composite for -CDL fixtures

O-RING: High temperature red silicone

LENS: None supplied on standard model and -AC model. High impact clear tempered convex glass included on -EC models and as an option on -AC models (add -L)

SOCKET -AR70: Double Contact bayonet base (Ba15d) with 200°C silicone lead wires
SOCKET MR16T: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
SOCKET -NL: H High temperature ceramic medium base with 250°C silicone lead wires

MOUNTING: None supplied.

FINISH: Aluminum-Black texture polyester powder coat.
Brass-Unfinished brass. Optional finishes available.
Composite-Black composite

CATALOG NO	DESCRIPTION	LAMP SUPPLIED
PAR20 LAMP FIXTURES–120 VOLT -LED FOR LENSED FIXTURES ONLY		
DL-20-LEDP2040	PAR20 aluminum Bullet, no collar	9w PAR20 LED
DL-20-LEDP2040BRS	PAR20 brass Bullet, no collar	9w PAR20 LED
CDL-20-LEDP2040BLT	PAR20 composite Bullet, no collar	9w PAR20 LED
DL-20-LEDP2040EC	PAR20 aluminum Bullet, extension cap, lens	9w PAR20 LED
DL-20-ECLEDP2040BRS	PAR20 brass Bullet, extension cap, lens	9w PAR20 LED
CDL-20-ECLEDP2040BLT	PAR20 composite Bullet, extension cap, lens	9w PAR20 LED

DL-20-NL-AC and DL-20-AC-BRS fixtures below supplied without lens; convex and flat lenses are available as accessories.

CATALOG NO	DESCRIPTION	LAMP SUPPLIED
DL-20-NL-AC	PAR20 aluminum Bullet with angle collar	None
DL-20-NL-ACBRS	PAR20 brass Bullet with angle collar	None
CDL-20-NL-AC	PAR20 composite Bullet with angle collar	None
MR16 LAMP FIXTURES–12 VOLT WITH TRANSFORMER		
DL-20-LEDT	Aluminum Bullet, transformer, ext. cap, lens	4w LED
DL-20-LEDTBRS	Brass Bullet, transformer, ext. cap, lens	4w LED
CDL-20-LEDTBLT	Composite Bullet, transformer, ext. cap, lens	4w LED
DL-20-AC-LEDT	Aluminum Bullet with angle collar, lens	4w LED
DL-20-AC-LEDTBRS	Brass Bullet with angle collar, lens	4w LED
CDL-20-AC-LEDT	Composite Bullet with angle collar, lens	4w LED
AR70 LAMP FIXTURES–12 VOLT WITH TRANSFORMER		
DL-20-AR70T	Aluminum Bullet, transformer, ext. cap, lens	50w AR70 (FL)
DL-20-AR70T-BRS	Brass Bullet, transformer, ext. cap, lens	50w AR70 (FL)
CDL-20-AR70T-BLT	Composite Bullet, transformer, ext. cap, lens	50w AR70 (FL)
DL-20-AC-AR70T	Aluminum Bullet with angle collar, lens	50w AR70 (FL)
DL-20-AC-AR70T-BRS	Brass Bullet with angle collar, lens	50w AR70 (FL)
CDL-20-AC-AR70T	Composite Bullet with angle collar, lens	50w AR70 (FL)

Arrow LED
LEDS by CREE

DL-20-NL SERIES RECOMMENDED ENHANCEMENTS:

FA-08-06	Round 1/4" Hex Cell Louver
FA-10-20-BLUE	Blue Tempered Glass Lens
FA-10-20-GREEN	Green Tempered Glass Lens
FA-38	Aluminum Extension Cap with Tempered Glass Lens
FA-38-AC	Aluminum Angle Cap with Tempered Glass Lens
FA-94-[Color]	6" Extra-Long Aluminum Extension Shield with powder coat options
FA-98-20	Linear Spread Tempered Glass Lens
FA-99-20	Convex Tempered Glass Lens
FA-104-20	Wide Spread Tempered Glass Lens Softener

CE   cETLus Intertek   IP54
-EC & -AC Models

DL-20AC-LEDP2040BRT/FA-26-BRT
LED PAR20 None Supplied
Cast Aluminum

CDL-20EC-LEDP2040BRT/FA-26-BRT
LED PAR20 None Supplied
Cast Aluminum

5.25" 133mm   3.5" 89mm
FOCUS
DL-20-NL

5.25" 133mm   0.75" 19mm   3.5" 89mm
FOCUS
DL-20-NL-EC
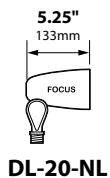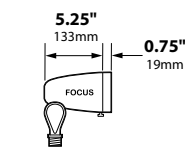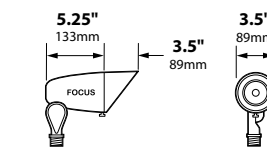
5.25" 133mm   3.5" 89mm   3.5" 89mm
FOCUS
DL-20-NL-AC

DL-20-LEDP2040BRT
LED PAR20 None Supplied
Cast Aluminum

DL-30-NL-BRS on FA-26-BRS
PAR30 None Supplied (70w max.)
Solid Brass

DL-30-AC-LEDP3040-CAM
PAR30 LED None Supplied (70w max.)
Cast Aluminum

DL-38-EC-LEDP3015BRT
PAR38 LED None Supplied (150w max.)
Cast Aluminum

DL-30-NL SERIES SPECIFICATIONS:

CONSTRUCTION Cast brass or cast aluminum Bullet; adjustable cast brass swivel or cast aluminum swivel

COLLARS–EC: Cast aluminum extension cap, brass for -BRS fixtures, composite for -CDL fixtures
AC: Cast aluminum angle collar, brass for -BRS fixtures, composite for -CDL fixtures

O-RING: High temperature red silicone

LENS: High impact clear tempered convex glass (-ECL extension collar and -ACL angle collar models only)

SOCKET: High temperature ceramic medium base with 250°C silicone lead wires

WIRING: Standard 120 volt Black, White and Ground 9" lead wires

MOUNTING: None supplied. See Mounting Accessories below for options

FINISH: Aluminum-Black texture polyester powder coat
Brass-Unfinished brass;
Optional finishes available.

7.25" 184mm   **4.5"** 114mm
FOCUS
DL-30-NL

7.25" 184mm   **0.875"** 22mm   **4.5"** 114mm
FOCUS
DL-30-NL-EC
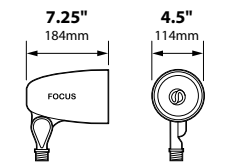
184mm   152mm   114mm
FOCUS
DL-30-NL-AC

Catalog Number	Description		Lamp Supplied
PAR30 LAMP FIXTURES–120 VOLT · LED FOR LENSED FIXTURES ONLY			
DL-30-LEDP3040	PAR30 aluminum Bullet		15w PAR30 LED
DL-30-LEDP3040BRS	PAR30 brass Bullet		15w PAR30 LED
DL-30-EC LEDP3040	PAR30 aluminum Bullet with extension cap		15w PAR30 LED
DL-30-EC LEDP3040BRS	PAR30 brass Bullet with extension cap		15w PAR30 LED

DL-30-NL-AC fixture below supplied without lens; convex and flat lenses are available as accessories.

DL-30-NL-AC	PAR30 aluminum Bullet with angle collar	50w	None
DL-30-NL-AC-BRS	PAR30 brass Bullet with angle collar	50w	None

DL-30-NL SERIES RECOMMENDED ENHANCEMENTS:

FA-08-30	Round 1/4" Hex Cell Louver
FA-10-30-BLUE	Blue Tempered Glass Lens
FA-10-30-GREEN	Green Tempered Glass Lens
FA-40	Aluminum Extension Cap
FA-40-AC	Aluminum Angle Cap
FA-95-[Color]	8" Extra-Long Aluminum Extension Shield with powder coat options
FA-98-30	Linear Spread Tempered Glass Lens
FA-99-30	Convex Tempered Glass Lens
FA-104-30	Wide Spread Tempered Glass Lens Softener

IP54
-EC & -AC Models

DL-38-NL SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, cast brass or composite bullet; matching heavy duty cast aluminum, brass or composite adjustable swivel

COLLARS–EC: Cast aluminum extension cap, brass for -BRS fixtures, composite for -CDL fixtures
AC: Cast aluminum angle collar, brass for -BRS fixtures, composite for -CDL fixtures

O-RING: Silicone high-temperature red O-ring

LENS: High impact clear tempered convex glass (-ECL extension collar and -ACL angle collar models only)

SOCKET: High temperature ceramic medium base with 250°C silicone lead wires

WIRING: Standard 120 volt; black, white and ground, 9" lead wires

FINISH: Aluminum-Black texture polyester powder coat
Brass-Unfinished brass;
Composite-Black composite
Optional finishes available.

DL-38-NL-BRS/FA-26
on FA-26-BRS
Solid Brass

Catalog Number	Description		Lamp Supplied
PAR38 LAMP FIXTURES–120 VOLT· LED FOR LENSED FIXTURES ONLY			
DL-38-ECLLEDP3840	PAR38 aluminum Bullet, extension cap, lens		21w PAR38 LED
DL-38-ECLLEDP3840BRS	PAR38 brass Bullet, extension cap, lens		21w PAR38 LED
CDL-38-ECLLEDP3840BLT	PAR38 composite Bullet, extension cap, lens		21w PAR38 LED
DL-38-AC-LLEDP3840BRS	PAR38 brass Bullet, angle collar, lens		21w PAR38 LED
DL-38-ACLLEDP3840	PAR38 aluminum Bullet, angle collar, lens	1	21w PAR38 LED
CDL-38-ACLLEDP3840	PAR38 composite Bullet, angle collar, lens		21w PAR38 LED

DL-38-EC-LEDP3840BRT
PAR38 LED None Supplied (150w max.)
Cast Aluminum

DL-38-AC-LEDP3840BRT
PAR38 LED None Supplied (150w max.)
Cast Aluminum

DL-38-NL SERIES SPECIFICATIONS (continued):

Catalog Number	Description	Lamp Supplied
DL-38-NL-AC fixture below supplied without lens; convex and flat lenses are available as accessories		
DL-38-NL	PAR38 aluminum Bullet, no collar	None
DL-38-NL-BRS	PAR38 brass Bullet, no collar	None
CDL-38-NL-BLT	PAR38 composite Bullet, no collar	None
DL-38-NL-EC	PAR38 aluminum Bullet with extension cap	None
DL-38-NL-EC-BRS	PAR38 brass Bullet with extension cap	None
CDL-38-NL-EC-BLT	PAR38 composite Bullet with extension cap	None
CDL-38-NL-AC	PAR38 composite Bullet with angle collar	None
DL-38-NL-AC-BRS	PAR38 brass Bullet with angle collar	None
DL-38-NL-AC	PAR38 aluminum Bullet with angle collar	None
CDL-38-NL-AC	PAR38 composite Bullet with angle collar	None

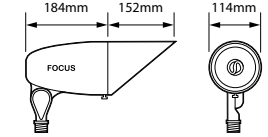### DL-38-NL SERIES RECOMMENDED ENHANCEMENTS:

FA-08-38	Round 1/4" Hex Cell Louver
FA-10-38-BLUE	Blue Tempered Glass Lens
FA-10-38-GREEN	Green Tempered Glass Lens
FA-36	Aluminum Extension Cap
FA-36-BRS	Brass Extension Cap
CFA-36	Composite Extension Cap
FA-36-AC	Aluminum Angle Collar
FA-36-AC-BRS	Brass Angle Collar
CFA-36-AC	Composite Angle Collar
FA-37-GLASS	Clear Convex Tempered Glass Lens
FA-96-[Color]	10" Extra-Long Aluminum Extension Shield with powder coat options
FA-98-38	Linear Spread Tempered Glass Lens
FA-99-30	Convex Tempered Glass Lens
FA-104-38	Wide Spread Tempered Glass Lens Softener

7.75" 197mm 1.375" 35mm 5.5" 140mm

FOCUS

DL-38-EC-CFL

7.75" 197mm 8" 203mm 5.5" 140mm

FOCUS

DL-38-AC-CFL

7.75" 197mm 5.5" 140mm

FOCUS

DL-38-NL

Arrow LED
LEDS by CREE

IP54
-EC & -AC
Models

CE ETL Listed c US
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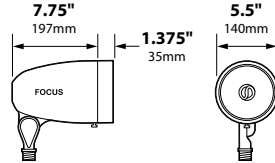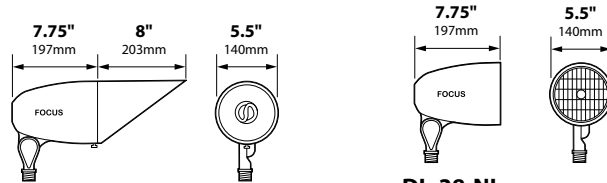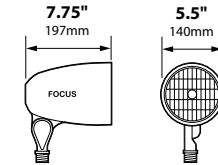
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RXD-05-LEDP2040COP
PAR20 LED None Supplied (50w max.)
Copper

RXD-05-LEDP2040BRS
PAR20 LED None Supplied (50w max.)
Brass

RXD-05-NLTS-LEDP2040BRS
PAR20 LED None Supplied (50w max.)
Brass

RXD-05-NL SERIES SPECIFICATIONS

CONSTRUCTION:
ALUMINUM: Aluminum bullet; matching cast aluminum adjustable swivel with 240° rotation
BRASS: Brass bullet; matching cast brass adjustable swivel with 240° rotation
COPPER: Copper bullet; cast brass adjustable swivel with 240° rotation

LENS: High impact clear tempered convex glass

O-RING: High temperature red silicone

LED SUPPLIED: 9w PAR20 Arrow LED with 50,000 hour average rating (-LED)

LEGACY LAMP OPTIONS: Use only outdoor rated PAR20 lamps

SOCKET: High temperature ceramic medium base with 250° C silicone lead wires

WIRING: Standard 120 volt Black, White and Ground 9" lead wires

MOUNTING: None supplied. See Mounting Accessories below for options

FINISH: Aluminum - Black texture polyester powder coat, optional finishes available
Brass and Copper - Unfinished, optional finishes available; page 8

CATALOG NO.	DESCRIPTION	LAMP
RXD-05-LED2040BLT	Aluminum PAR20 Bullet	9w PAR20 LED
RXD-05-LEDP2040BRS	Brass PAR20 Bullet	9w PAR20 LED
RXD-05-LEDP2040COP	Copper PAR20 Bullet	9w PAR20 LED
RXD-05-TSLEDP2040BLT	Aluminum PAR20 Tube Shield Bullet	9w PAR20 LED
RXD-05-TSLEDP2040-BRS	Brass PAR20 Tube Shield Bullet	9w PAR20 LED
RXD-05-TSLEDP2040COP	Copper PAR20 Tube Shield Bullet	9w PAR20 LED

8.5" 216mm   3.15" 80mm

7" 178mm   3.15" 80mm

RXD-05-NL   **RXD-05-NLTS**

DL-38-NL SERIES RECOMMENDED ENHANCEMENTS:
FA-08-06   Round 1/4" Hex Cell Louver
FA-10-20-BLUE   Blue Tempered Glass Lens
FA-10-20-GREEN   Green Tempered Glass Lens
FA-98-20   Linear Spread Tempered Glass Lens
FA-104-20   Wide Spread Tempered Glass Lens Softener

Arrow LED
LEDS by CREE

IP54   CE   ETL c US Intertek

GO*GREEN*

75% - 80% LESS ENERGY

120v-277v

E26 MEDIUM BASE PAR LAMPS COMPATIBLE WITH FOCUS 120v-277v ENCLOSED FIXTURES

- Long Life - 50,000 Hours L7 Average Rating (rated life to 70% initial light output)
- High Power White LED Light Source
- Halogen Equivalent Lumens
- CRI 85 (Color Rendering Index)
- 2800K - 3000K Warm White Color
- Cool Beam, No UV or IR
- Input Voltage Range of 100v - 277v
- Non-Dimmable
- DOE LM79 Tested / LM80 Compliant
- Power Factor >90%
- 5 Year Limited Warranty
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- Available in 15° Spot and 40° Flood
- Must be installed in sealed fixture

Arrow LED
LEDS by CREE

DL-38-AC-LED-P3840-BLT

DL-30-EC-LED-P3040-BLT

DL-20-AC-LED-P2040-BLT

PAR 20 ORDERING INFORMATION • EQUAL TO 50w HALOGEN

CATALOG NO.	WATTAGE	VOLTAGE	VOLTAGE RANGE	LUMEN OUTPUT	COLOR TEMP	BEAM ANGLE	BASE
FL-LED-P2015	9w	120v-277v	100v - 277v	300	2800K - 3000K	SP 15°	E26
FL-LED-P2040	9w	120v-277v	100v - 277v	300	2800K - 3000K	FL 40°	E26

PAR 30 ORDERING INFORMATION • EQUAL TO 75w HALOGEN

CATALOG NO.	WATTAGE	VOLTAGE	VOLTAGE RANGE	LUMEN OUTPUT	COLOR TEMP	BEAM ANGLE	BASE
FL-LED-P3015	15w	120v-277v	100v - 277v	600	2800K - 3000K	SP 15°	E26
FL-LED-P3040	15w	120v-277v	100v - 277v	600	2800K - 3000K	FL 40°	E26

PAR 38 ORDERING INFORMATION • EQUAL TO 90w HALOGEN

CATALOG NO.	WATTAGE	VOLTAGE	VOLTAGE RANGE	LUMEN OUTPUT	COLOR TEMP	BEAM ANGLE	BASE
FL-LED-P3815	21w	120v-277v	100v - 277v	900	2800K - 3000K	SP 15°	E26
FL-LED-P3840	21w	120v-277v	100v - 277v	900	2800K - 3000K	FL 40°	E26

2.5"
63mm

3.4"
87mm

3.75"
94mm

4.6"
117mm

4.75"
121mm

5.5"
139mm

FL-LED-P20

FL-LED-P30

FL-LED-P38

High Intensity Discharge (H.I.D.)

DL-20-NL-HID SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, cast brass or composite Bullet; matching heavy duty cast aluminum, brass or composite adjustable swivel

LENS: High impact clear tempered convex glass

LAMP SUPPLIED: None. Use only outdoor rated PAR20 lamps (50w max)

SOCKET: Medium base high temperature ceramic 600v, 660w 4 K.V. pulse rated. Brass nickel-plate screw shell with 150°C lead wires

WIRING: Standard 120v Black, White and Ground 9" lead wires

MOUNTING: None supplied. See Mounting Accessories below for options.

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Brass-Unfinished brass. Optional finishes available.

DOWN LIGHTS: Add -D suffix to catalog number for down light without weep holes.

DOWN LIGHT APPLICATION

35w PAR20 METAL HALIDE H.I.D. FIXTURES

All fixtures are supplied without lamps, and must be matched with corresponding ballast enclosure. Lamp type will determine type of ballast required. See following section for Below and Above Grade Ballast enclosures.

Catalog Number	Description	Max. Wattage	Lamp Supplied
DL-20-NL-ECHID	Aluminum Bullet, extension cap, convex lens	50w	None
DL-20-NL-ECHID-BRS	Brass Bullet, extension cap, convex lens	50w	None
CDL-20-NL-ECHID	Composite Bullet, extension, convex lens	50w	None
DL-20-NL-ACHID	Aluminum Bullet, angle collar, convex lens	50w	None
DL-20-NL-ACHID-BRS	Brass Bullet, angle collar, convex lens	50w	None
CDL-20-NL-ACHID	Composite Bullet, angle collar, convex lens	50w	None

DL-20-NL SERIES RECOMMENDED ENHANCEMENTS:
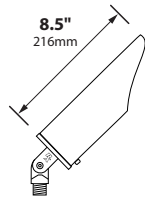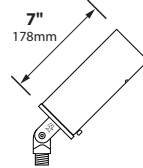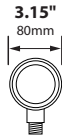
FA-08-06	Round 1/4" Hex Cell Louver
FA-10-20-BLUE	Blue Tempered Glass Lens
FA-10-20-GREEN	Green Tempered Glass Lens
FA-38	Aluminum Extension Cap with Tempered Glass Lens
CFA-38	Composite Extension Cap with Tempered Glass Lens
FA-38-AC	Aluminum Angle Cap with Tempered Glass Lens
CFA-38-AC	Composite Angle Cap with Tempered Glass Lens
FA-98-20	Linear Spread Tempered Glass Lens
FA-99-20	Convex Tempered Glass Lens
FA-104-20	Wide Spread Tempered Glass Lens Softener

5.25" 133mm 0.75" 19mm 3.5" 89mm FOCUS

DL-20-NL-EC-HID

5.25" 133mm 3.5" 89mm 3.5" 89mm FOCUS

DL-20-NL-AC-HID

IP54

CE

ETL c US LISTED

Intertek

DL-20-NL-HID-AC-BRS on DB-120
PAR20 None Supplied (50w max.)
Solid Brass

DL-20-NL-HID-BRS on FA-26-BRS
PAR20 None Supplied (50w max.)
Solid Brass

DL-30-NL HID SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass Bullet; matching heavy duty cast aluminum or brass adjustable swivel

LENS: High impact clear tempered convex glass

LAMP SUPPLIED: None (100w max); Use only outdoor rated PAR30 lamps

SOCKET: Medium base high temperature ceramic 600v, 660w 4 K.V. pulse rated.
Brass nickel-plate screw shell with 150°C lead wires

WIRING: Standard 120v Black, White and Ground 9" lead wires

MOUNTING: None supplied. See Mounting Accessories below for options

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
Brass-Unfinished brass. Optional finishes available

DOWN LIGHTS: Add -D suffix to catalog number for down light without weep holes.

All fixtures are supplied without lamps, and must be matched with corresponding ballast enclosure. Lamp type will determine type of ballast required. See following section for Below and Above Grade Ballast enclosures.

Catalog Number	Description	Max. Wattage	Lamp Supplied
DL-30-NL-ECHID-BLT	Aluminum Bullet, ext. cap, convex lens	100w	None
DL-30-NL-ECHID-BRS	Brass Bullet, ext. cap, convex lens	100w	None
DL-30-NL-ACHID-BLT	Aluminum Bullet, angle collar, convex lens	100w	None
DL-30-NL-ACHID-BRS	Brass Bullet, angle collar, convex lens	100w	None

DL-30-NL SERIES RECOMMENDED ENHANCEMENTS:

FA-08-30	Round 1/4" Hex Cell Louver
FA-10-30-BLUE	Blue Tempered Glass Lens
FA-10-30-GREEN	Green Tempered Glass Lens
FA-10-30-RED	Red Tempered Glass Lens
FA-40	Aluminum Extension Cap
FA-40-AC	Aluminum Angle Cap
FA-95-[Color]	8" Extra-Long Aluminum Extension Shield with powder coat options
FA-98-30	Linear Spread Tempered Glass Lens
FA-99-30	Convex Tempered Glass Lens
FA-104-30	Wide Spread Tempered Glass Lens Softener

DL-30-NL-HID | **DL-30-NL-AC-HID** | **DOWN LIGHT APPLICATION**

IP54 CE ETL Intertek

DL-30-NL-AC-HID-BRT/DB-120
PAR30 None Supplied (70w max.)
Cast Aluminum

DL-30-NL-HID-BRS on FA-26
PAR30 None Supplied (70w max.)
Solid Brass
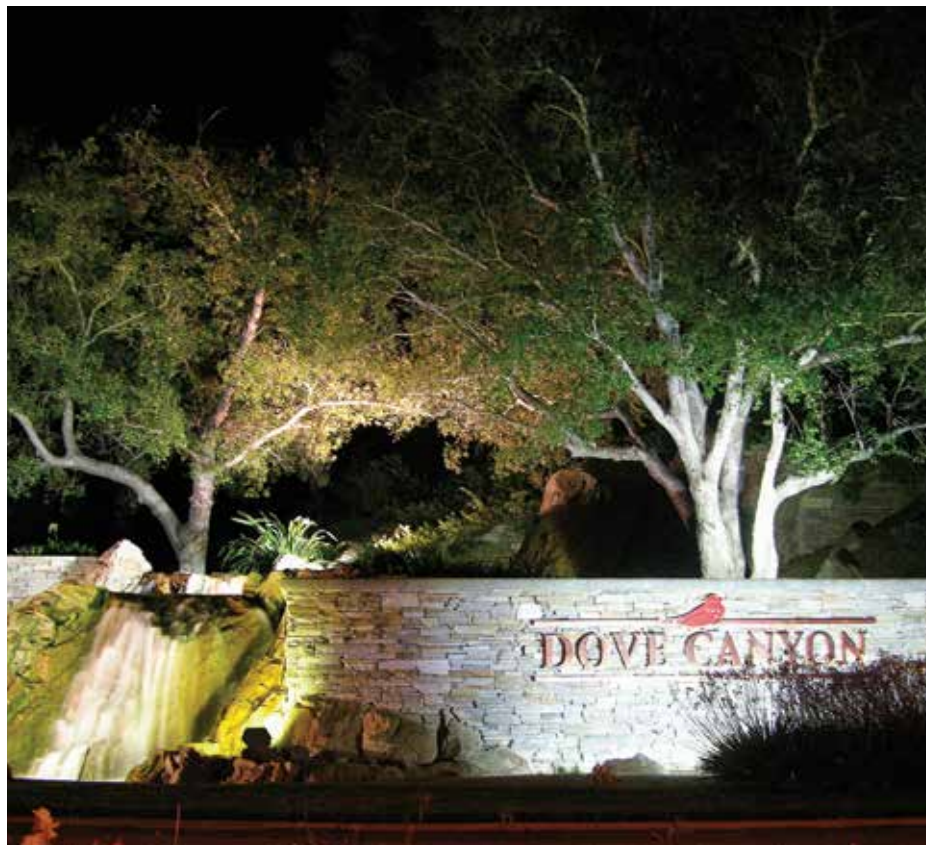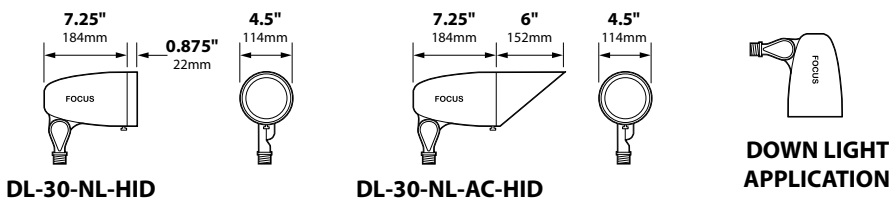
See page 52 for ballast information.

High Intensity Discharge (H.I.D.) 120v., 208v., 240v., 277v.

81

DIRECTIONAL LIGHTS

High Intensity Discharge (H.I.D.) 120v., 208v., 240v., 277v.

DL-38-NL-HID-BRT on DB-120-MV
PAR38 None Supplied (175w max.)
Cast Aluminum

DL-38-NL-HID-BRS on FA-26
PAR38 None Supplied (175w max.)
Solid Brass

DL-38-NL-AC-HID-BAR/FA-26-BAR
PAR38 None Supplied (175w max.)
Solid Brass

DL-38-NL-HID SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, cast brass or composite Bullet; matching heavy duty cast aluminum, brass or composite adjustable swivel

LENS: High impact clear tempered convex glass

O-RING: High temperature red silicone

LAMP SUPPLIED: None (150w max); Use only outdoor rated PAR38 lamps. Remote ballast required to correspond with PAR38 HID lamp to be used.

SOCKET: High temperature ceramic medium base with 250°C silicone lead wires

WIRING: Standard 120v Black, White and Ground 9" lead wires

MOUNTING: None supplied; FA-26 recommended. See mounting section page 137

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available
Brass-Unfinished brass. Optional finishes available

DOWN LIGHTS: Add -D suffix to catalog number for down light without weep holes.
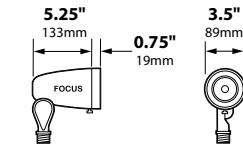
70/100/150/175w PAR38 METAL HALIDE H.I.D. FIXTURES

All fixtures are supplied without lamps, and must be matched with corresponding ballast enclosure. Lamp type will determine type of ballast required. See following section for Below and Above Grade Ballast enclosures.
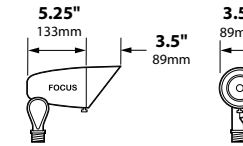
Catalog Number	Description	Max. Wattage
DL-38-NL-ECHID-BLT	Aluminum Bullet, ext. cap, convex lens	175w
DL-38-NL-ECHID-BRS	Brass Bullet, ext. cap, convex lens	175w
CDL-38-NL-ECHID-BLT	Composite Bullet, ext. cap, convex lens	100w
DL-38-NL-ACHID-BLT	Aluminum Bullet, angle collar, convex lens	175w
DL-38-NL-ACHID-BRS	Brass Bullet, angle collar, convex lens	175w
CDL-38-NL-ACHID-BLT	Composite Bullet, angle collar, convex lens	100w

DL-38-NL HID SERIES RECOMMENDED ENHANCEMENTS:

FA-08-38	Round 1/4" Hex Cell Louver
FA-10-38-BLUE	Blue Tempered Glass Lens
FA-10-38-GREEN	Green Tempered Glass Lens
FA-36	Aluminum Extension Cap without Glass Lens
CFA-36	Composite Extension Cap without Glass Lens
FA-36-AC	Aluminum Angle Collar without Glass Lens
CFA-36-AC	Composite Angle Collar without Glass Lens
FA-96-[Color]	Extra-Long Aluminum Extension Shield with powder coat options
FA-98-38	Linear Spread Tempered Glass Lens
FA-104-38	Wide Spread Tempered Glass Lens Softener

IP54

DOWN LIGHT
APPLICATION

7.75"
197mm   1.375"
35mm   5.5"
140mm

FOCUS

DL-38-NL-HID

7.75"
197mm   8"
203mm   5.5"
140mm

FOCUS

DL-38-NL-AC-HID

IP54 CE ETL US
Intertek
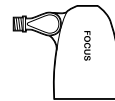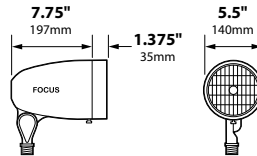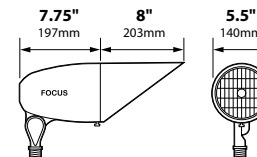
H.I.D. ABOVE GROUND BALLAST ENCLOSURES (NEMA 3R)

Catalog Number	Description	Operating Voltages
FOR METAL HALIDE LANDSCAPE LIGHTING FIXTURES		
WT-120-MH-M98	For 70w R40 and/or 70w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
WT-120-MH-M98T	For 2 x 70w R40 and/or 2 x 70w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
WT-120-MH-M90	For 100w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
WT-120-MH-M90T	For 2 x 100w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
WT-120-MH-M57	For 175w R40 and/or 175w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
WT-120-MH-M57T	For 2 x 175w R40 and/or 2 x 175w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
WT-120-MH-M130	For 35w PAR20 and/or 35w PAR30	120v. or 277v. (2 taps)
WT-120-MH-M130T	For 2 x 35w PAR20 and/or 2 x 35w PAR30	120v. or 277v. (2 taps)
WT-120-MH-M102	For 150w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
WT-120-MH-M102T	For 2 x 150w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)

DB-120-MH

DB-120-MH-PC

10" 254mm

5.5" 140mm

4.25" 108mm

4 x 0.5" knockouts

WT-120-MH

9" 229mm

9" 229mm

FOCUS

7.75" 197mm

DB-120-MH

4 x 0.5" and 2 x 0.75" knockouts

12" 305mm

12" 305mm

FOCUS

7.75" 197mm

DB-120-MH-T

8 x 0.5" and 2 x 0.75" knockouts

WT-120-MV/MH
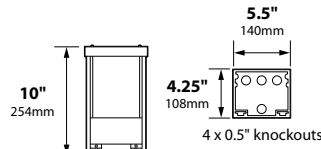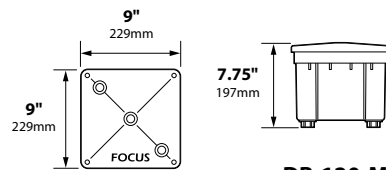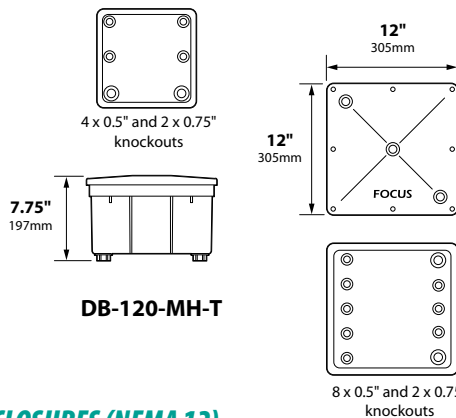
DB-120-MH-T, 2 x DL-20-AC-HIDs

H.I.D. DIRECT BURIAL BALLAST ENCLOSURES (NEMA 12)

For fixture with Photocell mount to top of Direct Burial enclosure, consult factory for specific location and quantity. Designed for 1/2" NPS male fixture threads only.
3 year warranty on enclosure | 3 year warranty on mechanical/electrical components

Catalog Number	Description	Operating Voltages
FOR METAL HALIDE LANDSCAPE LIGHTING FIXTURES		
DB-120-MH-M102S	For 150w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
DB-120-MH-M102T	For 2 x 150w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
DB-120-MH-M98S	For 70w R40 and/or 70w PAR 38	Multi 120v., 208v., 240v., 277v. (4 taps)
DB-120-MH-M98T	For 2 x 70w R40 and/or 2 x 70w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
DB-120-MH-M90S	For 100w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
DB-120-MH-M90T	For 2 x 100w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
DB-120-MH-M57S	For 175w R40 and/or 175w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
DB-120-MH-M57T	For 2 x 175w R40 and/or 2 x 175w PAR38	Multi 120v., 208v., 240v., 277v. (4 taps)
DB-120-MH-M130S	For 35w PAR20 and/or 35w PAR30	120v. or 277v. (2 taps)
DB-120-MH-M130T	For 2 x 35w PAR20 and/or 2 x 35w PAR30	120v. or 277v. (2 taps)

DB-120-MH, DL-38-EC-HID

NOTE: Do not mount HID fixtures over 10 feet away from ballast. If application requires runs longer than 10 feet, specify a long range igniter to operate HID fixtures; add **-LRI** to catalog number.

For mounting options, refer to "Mounting" section, page 137

FA-05 Quick Connector
Attaches Fixture to
Main Cable

FA-05 Quick Connector:

Attaches 12v. fixture wire to main cable (12/2, 10/2, 8/2), used for quick addition or removal of fixtures without cutting, splicing or taping wires. See "Mounting Devices" section for more details.
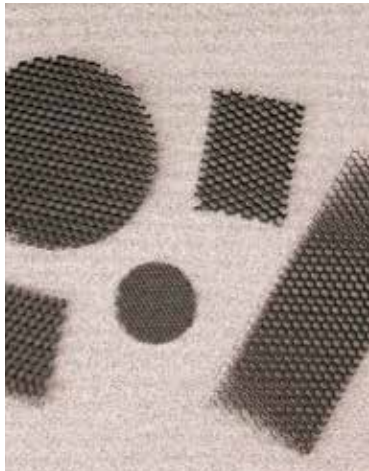
Hex Cell Louvers
FA-07 Square Hex Cell Series
FA-08 Round Hex Cell Series
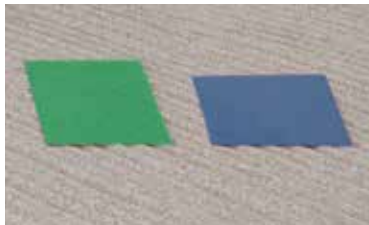
Tempered Glass Lenses
FA-10-GREEN Series
FA-10- BLUE Series

ENHANCEMENTS FOR DIRECTIONAL LIGHTS

For available powder coat, brass, and copper finishes, see page 8.
See "Lamp Options," page 143 for a complete array of available lamps.

FA-05	Quick Connector for 12v. Systems
FA-07	Square 1/4" Hex Cell Louver for DL-04
FA-07-15	Rectangular 1/4" Hex Cell Louver for DL-15
FA-07-16	Square 1/4" Hex Cell Louver for DL-16-NL
FA-07-26	Square 1/4" Hex Cell Louver for DL-10-H, DL-10-HE
FA-07-40	Square 1/4" Hex Cell Louver for DL-40-NL

FA-05

FA-07
for DL-04

FA-07-15
for DL-15

FA-07-26
for DL-10-H,
DL-10-HE

FA-07-16
for DL-16
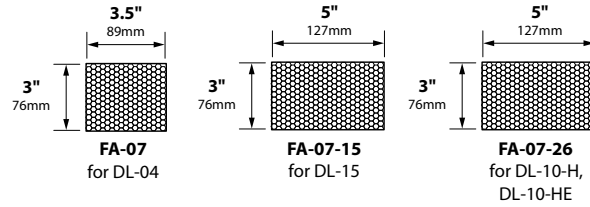
FA-08	Round 1/8" Hex Cell Louver for DL-02
FA-08-06	Round 1/4" Hex Cell Louver for DL-06, DL-20, DL-20-NL
FA-08-17	Round 1/8" Hex Cell Louver for DL-17
FA-08-21	Round 1/8" Hex Cell Louver for DL-13, DL-14, DL-21, DL-22
FA-08-23	Round 1/8" Hex Cell Louver for DL-23
FA-08-23-C	Round 1/8" Hex Cell Louver for DL-23-COP
FA-08-30	Round 1/4" Hex Cell Louver for DL-30-NL
FA-08-38	Round 1/4" Hex Cell Louver for DL-38-NL

FA-08-23
for DL-23

FA-08-17
for DL-17

FA-08
for DL-02

FA-08-21
for DL-13, DL-14,
DL-21, DL-22

FA-08-06
for DL-06,
DL-20 Series

FA-08-30
for DL-30 Series

FA-08-38
for DL-38 Series

FA-10-23
for DL-23

FA-10-17
for DL-17

FA-11
for DL-02, DL-13, DL-14,
DL-21, DL-22

FA-10-06
for DL-06,
DL-20 Series

FA-10-30
for DL-30 Series

FA-10
for DL-04

FA-10-15
for DL-15

FA-11-26
for DL-10-H,
DL-10-HE

FA-10-38
for DL-38 Series
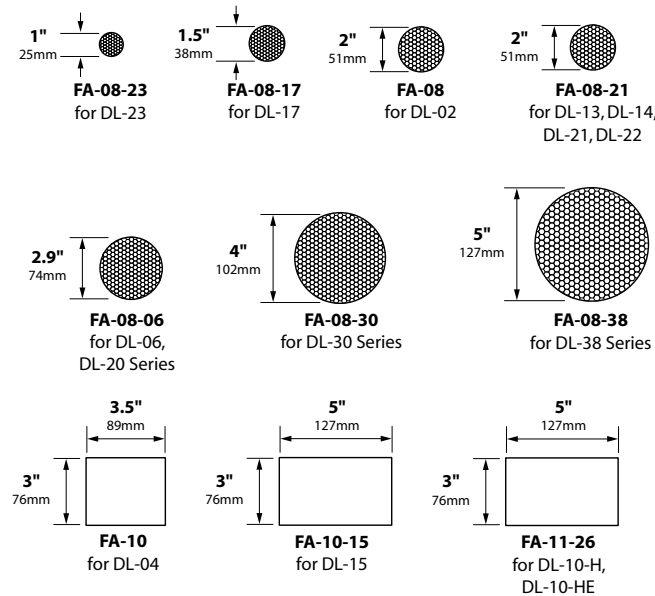
FA-10-BLUE	Blue Tempered Glass Lens for DL-04
FA-10-GREEN	Green Tempered Glass Lens for DL-04
FA-10-06-BLUE	Blue Tempered Glass Lens for DL-06
FA-10-06-GREEN	Green Tempered Glass Lens for DL-06
FA-10-15-BLUE	Blue Tempered Glass Lens for DL-15
FA-10-15-GREEN	Green Tempered Glass Lens for DL-15
FA-10-17-BLUE	Blue Tempered Glass Lens for DL-17
FA-10-17-GREEN	Green Tempered Glass Lens for DL-17
FA-10-20-BLUE	Blue Tempered Glass Lens for DL-20, DL-20-NL
FA-10-20-GREEN	Green Tempered Glass Lens for DL-20, DL-20-NL
FA-10-23-BLUE	Blue Tempered Glass Lens for DL-23
FA-10-23-GREEN	Green Tempered Glass Lens for DL-23
FA-10-23-C-BLUE	Blue Tempered Glass Lens for DL-23-COP
FA-10-23-C-GREEN	Green Tempered Glass Lens for DL-23-COP
FA-10-30-BLUE	Blue Tempered Glass Lens for DL-30-NL
FA-10-30-GREEN	Green Tempered Glass Lens for DL-30-NL
FA-10-38-BLUE	Blue Tempered Glass Lens for DL-38-NL
FA-10-40-GREEN	Green Tempered Glass Lens for DL-40-NL
FA-10-38-BLUE	Blue Tempered Glass Lens for DL-40-NL
FA-10-40-GREEN	Green Tempered Glass Lens for DL-38-NL
FA-11-AMBER	Blue Tempered Glass Lens for DL-02, DL-13, DL-14, DL-21, DL-22
FA-11-BLUE	Blue Tempered Glass Lens for DL-02, DL-13, DL-14, DL-21, DL-22
FA-11-GREEN	Blue Tempered Glass Lens for DL-02, DL-13, DL-14, DL-21, DL-22
FA-11-RED	Blue Tempered Glass Lens for DL-02, DL-13, DL-14, DL-21, DL-22
FA-11-26-BLUE	Blue Tempered Glass Lens for DL-10-H, DL-10-HE
FA-11-26-GREEN	Green Tempered Glass Lens for DL-10-H, DL-10-HE

MOUNTING DEVICES

Page 137

Intertek

FA-36
CFA-36

5.5"
140mm

1.5"
38mm

8.75"
222mm

FA-36-AC
CFA-36-AC

3.5"
89mm

4"
102mm

3.5"
89mm

FA-38-AC
CFA-38-AC

1.7"
43mm

FA-38
CFA-38

4.5"
114mm

2"
51mm

1.25"
32mm

FA-40

6"
152mm
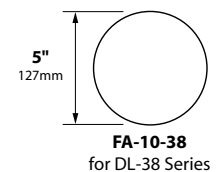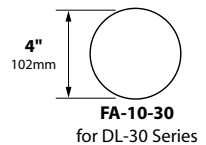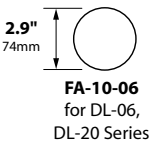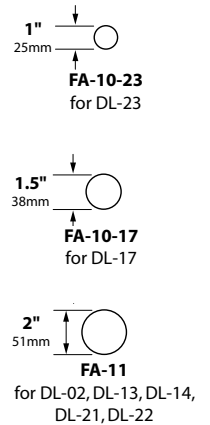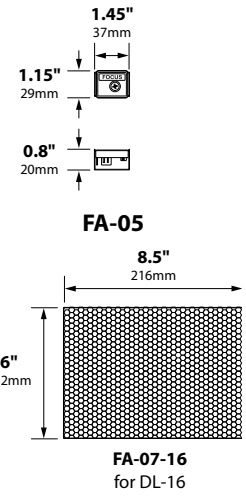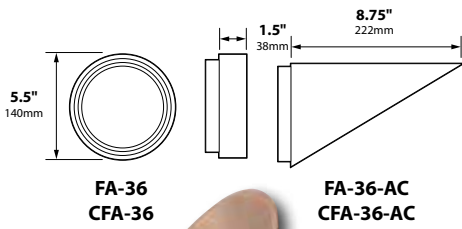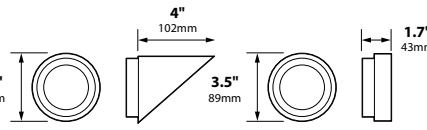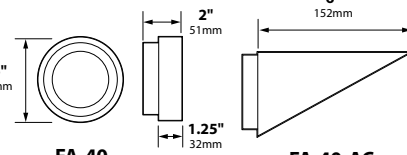
FA-40-AC

The following caps are available in brass; add **-BRS** suffix to catalog number, or aluminum
Composite caps available; add **C** prefix to catalog numbers

FA-36	Cast Aluminum Extension Cap for DL-38-NL and O-ring
FA-36-AC	Cast Aluminum Angle Cap for DL-38-NL and O-ring
FA-38	Cast Aluminum Extension Cap for DL-20-NL and O-ring
FA-38-AC	Cast Aluminum Angle Cap for DL-20-NL and O-ring
FA-40	Cast Aluminum Extension Cap for DL-30-NL and O-ring
FA-40-AC	Cast Aluminum Angle Cap for DL-30-NL and O-ring

4.65"
118mm

5.5"
140mm

6.5"
165mm

8.625"
219mm

6.5"
102mm

FA-93   **FA-94**   **FA-95**   **FA-96**   **FA-113**

The following caps are available in brass; add **-BRS** suffix to catalog number, or aluminum

FA-93-[Color]	4" Aluminum Extension Shield with powder coat options for DL-21-NL
FA-94-[Color]	6" Extra-Long Aluminum Extension Shield with powder coat options for DL-20-NL
FA-95-[Color]	8" Extra-Long Aluminum Extension Shield with powder coat options for DL-30-NL
FA-96-[Color]	10" Extra-Long Aluminum Extension Shield with powder coat options for DL-38-NL
FA-113-[Color]	6" Extra-Long Aluminum Extension Shield with powder coat options for DL-03

NOTE: The above extension collars are designed to slide over the outside of the fixtures and are held into place with a set screw. See DL-03 below.

FA-36-ACLC-BRS
For DL-38 Fixtures
Cast Brass

FA-40-ACLC-BRS
For DL-30 Fixtures
Cast Brass

FA-38-ACLC-BRS
For DL-20 Fixtures
Cast Brass

FA-36-99-BRS
For DL-38 Fixtures
Cast Brass
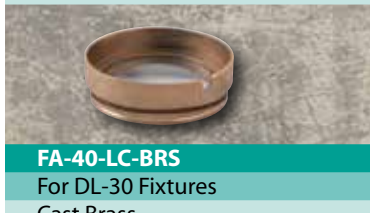
FA-40-LC-BRS
For DL-30 Fixtures
Cast Brass
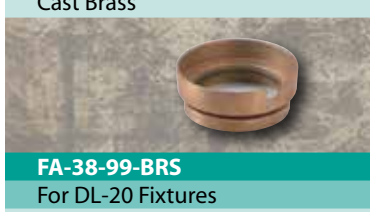
FA-38-99-BRS
For DL-20 Fixtures
Cast Brass

Extension Collars
FA-96-ATV (DL-38), FA-94-BRT (DL-20), FA-113-CAM (DL-03), FA-93-BLT (DL-21), FA-95-RST (DL-30)
Formed Aluminum

DL-03-CAM with FA-113-CAM
Angle Collar
Cast Aluminum

85

FA-98 Series Linear Spread Glass Lenses
Tempered Glass

FA-98 SERIES SPREAD GLASS LENSES

1" 25mm
FA-98-23
for DL-23

1.5" 38mm
FA-98-17
for DL-17

2.25" 57mm
FA-98
for DL-02, DL-13, DL-14,
DL-21, DL-22

4" 102mm
FA-98-30
for DL-30,
DL-30-NL

2.5" 64mm
FA-98-20
for DL-06,
DL-20,
DL-20-NL

5" 127mm
FA-98-38
for DL-38,
DL-38-NL

FA-98	Linear Spread Tempered Glass Lens for DL-02, DL-13, DL-14, DL-21, DL-22
FA-98-17	Linear Spread Tempered Glass Lens for DL-17
FA-98-20	Linear Spread Tempered Glass Lens for DL-06, DL-20 Series
FA-98-23	Linear Spread Tempered Glass Lens for DL-23
FA-98-23-C	Linear Spread Tempered Glass Lens for DL-23-COP
FA-98-30	Linear Spread Tempered Glass Lens for DL-30 Series
FA-98-38	Linear Spread Tempered Glass Lens for DL-38 Series

NOTE: Specify vertical or horizontal orientation at time of order.

FA-99 SERIES GLASS LENSES

1.5" 38mm

2.25" 57mm

2.9" 74mm

4" 102mm

4.75" 121mm
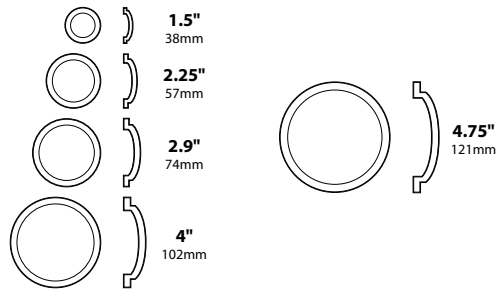
FA-99 Series Clear Tempered Convex Glass Lenses
Tempered Glass

FA-99	Clear Tempered Convex Glass Lens for DL-02, DL-13, DL-14, DL-21, DL-22
FA-99-17	Clear Tempered Convex Glass Lens for DL-17
FA-99-20	Clear Tempered Convex Glass Lens for DL-20 Series
FA-99-30	Clear Tempered Convex Glass Lens for DL-30 Series
FA-99-38	Clear Tempered Convex Glass Lens for DL-38 Series

FA-104 SERIES WIDE SPREAD FLAT TEMPERED SAND BLASTED GLASS LENSES

1" 25mm
FA-104-23
for DL-23

1.5" 38mm
FA-104-17
for DL-17

2" 51mm
FA-104
for DL-02,
DL-13, DL-14,
DL-21, DL-22

2.25" 57mm
FA-104-20
for DL-06,
DL-20 Series

4" 102mm
FA-104-30
for DL-30 Series

5" 127mm
FA-104-38
for DL-38 Series

FA-104 Series Wide Spread Glass Lens Softeners
Tempered Sand Blasted Glass
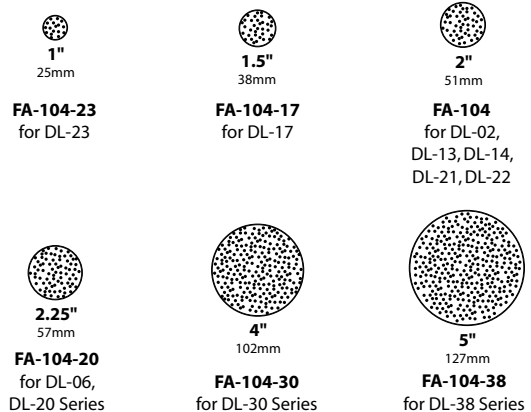
FA-104	Wide Spread Tempered Glass Lens Softener for DL-02, DL-13, DL-14, DL-21, DL-22
FA-104-17	Wide Spread Tempered Glass Lens Softener for DL-17
FA-104-20	Wide Spread Tempered Glass Lens Softener for DL-06, DL-20 Series
FA-104-23	Wide Spread Tempered Glass Lens Softener for DL-23
FA-104-23-C	Wide Spread Tempered Glass Lens Softener for DL-23-COP
FA-104-30	Wide Spread Tempered Glass Lens Softener for DL-30 Series
FA-104-38	Wide Spread Tempered Glass Lens Softener for DL-38 Series

PL-01-LEDP-BAR
4w LED Panel
Solid Brass

PL-02-LVS-LEDP-COP
4w LED Panel
Copper

PL-03-BAV
Top View
Brass

PL-03-LEDP-BAR
4w LED Panel
Brass

PL-01, PL-02, PL-02-LVS, PL-03 SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass matching extruded aluminum or brass stanchion

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)

LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

Catalog Number	Description
PL-01-LEDP	Cast aluminum 5.5" China Hat
PL-01-LEDPBRS	Cast brass 5.5" China Hat
PL-02-LEDP	Cast aluminum 4.5" Bell Hat
PL-02-LEDPBRS	Spun brass 4.5" Bell Hat
PL-02-LEDPCOP	Spun copper 4.5" Bell Hat
PL-02-LVSLEDP	Cast aluminum 4.5" Bell Hat with LVS
PL-02-LVSLEDPBRS	Spun brass 4.5" Bell Hat with LVS
PL-02-LVSLEDPCOP	Spun copper 4.5" Bell Hat with LVS
PL-03-DCLEDP	Cast aluminum 5.75" Shell Hat
PL-03-DCLEDPBRS	Cast brass 5.75" Shell Hat

50,000 HOUR LED FLAT PANEL

OMNI 3 LED LEDS by CREE

IP54

CE ETL Listed c us Intertek

PL-01
2.125" 54mm
5.125" 130mm
19" 483mm

PL-02
7.5" 191mm
3.5" 89mm
14.5" 368mm
4.5" 114mm

PL-02-LVS
7.5" 191mm
3.5" 89mm
14.5" 368mm
4.5" 114mm

PL-03
1.75" 44mm
5.25" 133mm
19" 483mm
5.75" 146mm

Feet	2	4	6
Meters		1	

fc	78.3	40.9	20.7	12.1	7.3	5.0
lux	843	440	223	130	79	54

PL-01
Half Spread Photometrics
12 ft. (3.7 m) diameter

Feet	2	4	6
Meters		1	2

fc	46.9	31.3	17.2	1.0
lux	505	337	185	11
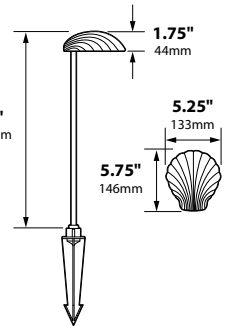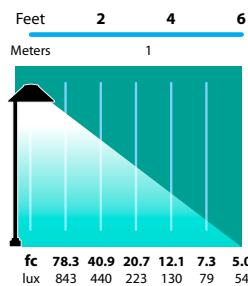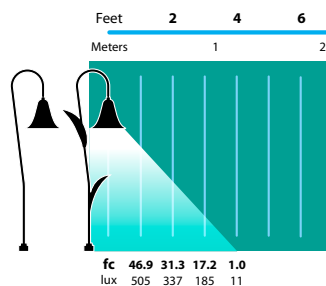
PL-02, PL-02-LEAVES
Half Spread Photometrics
8 ft. (2.4m) diameter

Feet	2	4	6
Meters		1	2

fc	69.8	36.1	18.0	10.3	3.2
lux	751	389	194	111	34
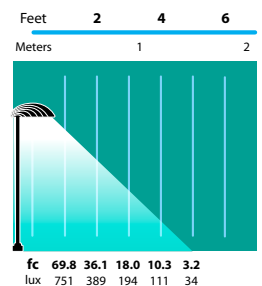
PL-03
Half Spread Photometrics
10 ft. (3.0m) diameter

PL-04-LVS-LEDP-BRS
4w LED Panel
Solid Brass

PL-05-LEDP-BRS
4w LED Panel
Solid Brass

PL-06-DCBAT
Top View
Aluminum

PL-06-DCLEDP-BAT
4w LED Panel
Cast Brass

PL-04, PL-04-LVS, PL-05, PL-06 SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass Tulip, Mushroom or Starfish hat; matching extruded aluminum or brass stanchion

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200℃ silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

PL-04

7.5" / 191mm
4.25" / 108mm
14.5" / 368mm
4.5" / 114mm

PL-04-LVS

7.5" / 191mm
4.25" / 108mm
14.5" / 368mm
4.5" / 114mm

Feet 2 4 6
Meters 1 2

fc	76.9	50.9	2.8	0.7
lux	828	548	30	11

PL-04, PL-04-LEAVES
Half Spread Photometrics
8 ft. (2.4m) diameter

Catalog Number	Description
PL-04-LEDP	cast aluminum 4.5" Tulip Hat
PL-04-LEDPBRS	cast brass 4.5" Tulip Hat
PL-04-LVSLEDP	cast alum. 4.5" Tulip Hat with LVS
PL-04-LVSLEDPBRS	cast brass 4.5" Tulip Hat with LVS
PL-05-LEDP	cast aluminum 6" Mushroom Hat
PL-05LEDPBRS	cast brass 6" Mushroom Hat
PL-06-DCLEDPBRS	cast brass 7" Starfish Hat

50,000 HOUR LED FLAT PANEL

Omni LED LEDS by CREE

IP54 C E ETL us Intertek

Feet 2 4 6 8
Meters 1 2

fc	68.5	42.4	20.2	4.6	1.4	0.7		Min.
lux	737	456	217	50	15	8		

fc	66.1	44.5	23.0	14.2	8.8	5.6	3.7	1.2	Max.
lux	712	479	248	153	95	60	40	13	

PL-06
Half Spread Photometrics
16 ft. (4.9m) diameter

Feet 2 4 6
Meters 1 2

fc	55.7	30.0	17.7	8.0	0.5
lux	600	323	191	86	5
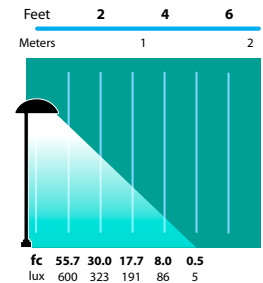
PL-05
Half Spread Photometrics
10 ft. (3.0m) diameter

PL-06

21.5" / 546mm
1.75" / 44mm
7" / 178mm

PL-05

19" / 483mm
1.75" / 44mm
5.5" / 140mm
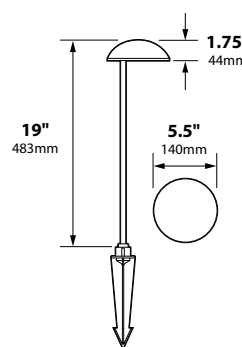
PL-07 SERIES SPECIFICATIONS (12 VOLT):

CONSTRUCTION: PL-07 Series: Black 3.5" O.D. ABS post with cast aluminum top
PL-07-ALUM Series: Cast aluminum top, extruded aluminum post
PL-07-BRS Series: Cast brass top, extruded brass post
PL-07-COP Series: Cast brass top, extruded copper post
PL-07-L Series: Materials are same as above, post is 4.5" diameter

LENS: White high-impact acrylic

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires

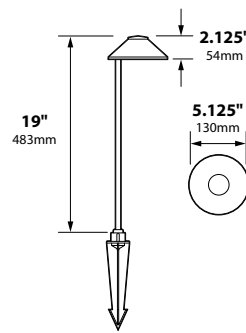**WIRING:** Black 3 foot 18/2 zip cord from base of fixture (12v only)

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: 4 x FA-42-FIN stabilizing fins (supplied)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass / Copper - Unfinished copper. Optional finishes available
ABS - Black or Rubbed Verde

Catalog Number	Description
PL-07-LEDP	Black ABS 3" Bollard
PL-07-LEDPBLT	Aluminum 3" Bollard
PL-07-LEDPBRS	Brass 3" Bollard
PL-07-LEDPCOP	Copper 3" Bollard

3"
76mm

31"
787mm

PL-07-LEDP-BRS
4w LED Panel
Solid Brass

50,000 HOUR
LED FLAT PANEL

Omni LED
LEDS by CREE

IP54   CE   ETL LISTED US   Intertek

PL-07 SERIES SPECIFICATIONS (120 VOLT):

CONSTRUCTION: PL-07 Series: Black 3.0" O.D. ABS post with cast aluminum top
PL-07-ALUM Series: Cast aluminum top, extruded aluminum post
PL-07-BRS Series: Cast brass top, extruded brass post
PL-07-COP Series: Cast brass top, extruded copper post
PL-07-L Series: Materials are same as above, post is 4.5" diameter

LENS: White high-impact acrylic

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS T-4H, T-7, T-8 2,500 hours average rating

SOCKET: G23 bi-pin for 5 or 7 watt or GX23 bi-pin for 13 watt, with type-1 outdoor magnetic clamped core ballast

WIRING: Standard 120v, black, white and ground, 18 gauge

MOUNTING: 4 x FA-42-FIN stabilizing fins (supplied)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass / Copper - Unfinished copper. Optional finishes available
ABS - Black or Rubbed Verde

Catalog Number	Description
120 VOLT LED PANEL	
PL-07-LEDP120V	ABS 180° bollard, 120v
PL-07-LEDPRBV120V	Same as above, hand-applied finish, 120v
PL-07-LEDPALUM120V	Aluminum 180° bollard, 120v
PL-07-LEDP120VBRS	Brass 180° bollard, 120v
PL-07-LEDP120VCOP	Copper 180° bollard, 120v

PL-07-LEDP120V-BRS
4w LED Panel
Solid Brass

Feet	2	4	6
Meters	1		2

| fc | 2.9 | 4.9 | 3.3 | 2.1 | 1.4 | 0.9 |
| lux | 31 | 53 | 36 | 23 | 15 | 10 |

PL-07
Light Distribution and Photometrics
6 ft. (1.8m) radius

50,000 HOUR
LED FLAT PANEL

PL-07-XSM SPECIFICATIONS:

CONSTRUCTION: Extruded copper

Lamp Supplied: 10 watt Xenon Bi Pin; 10,000 hrs average rating (10w. max.)

LENS: Frosted polycarbonite lens

SOCKET: Bi-Pin G4 base with 200˚C silicone lead wire

WIRING: Black 3 feet 18/2 zip cord from base of fixture (12v only)

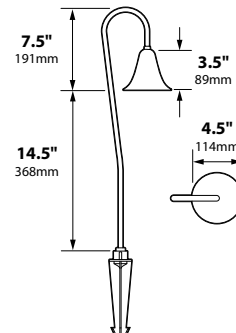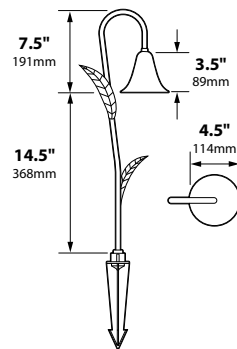**CONNECTION:** FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS   (**-DM** model only)

FINISH: Unfinished Copper. Optional finishes available

Catalog Number	Description
PL-07XSM-DMCOP	Extra small copper 180˚ bollard path light (12**v)**
PL-07XSM-COP	Extra small copper 180˚ bollard path light (12v)

PL-07-XSM-CAR
10 watt Xenon Bi-pin
(10 watt max.) Copper

PL-07-XSN
ACTUAL SIZE
ONLY 7/8"
DIAMETER

.88"
22mm

16.50"
419mm

24.00"
610mm

Feet / Meters

16 / 4.9
14 / 4.3
12 / 4.0
8 / 2.5
4 / 1.0
2 / 0.5
/ 0

Height of fixture from floor: 20 in. (508mm)

0	4	8	16	Feet
0	1.3	2.4	4.9	Meters

PL-07-XSM
Light Distribution Photometrics
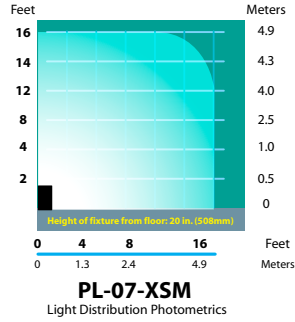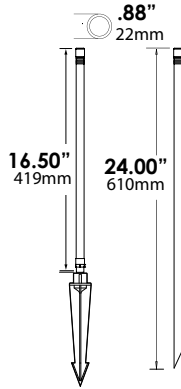
PL-07XSM-DM
PL-07XSM

IP54   CE   ETL Intertek

PL-09 SPECIFICATIONS:

CONSTRUCTION: Formed solid brass lantern; matching extruded brass gooseneck stanchion or extruded aluminum goose neck stanchion

LENS: Gold iridescent glass; optional plastic White Cracked Ice available (-ICE)

LAMP SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires
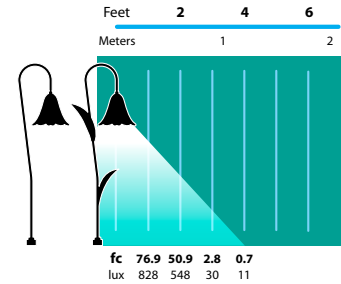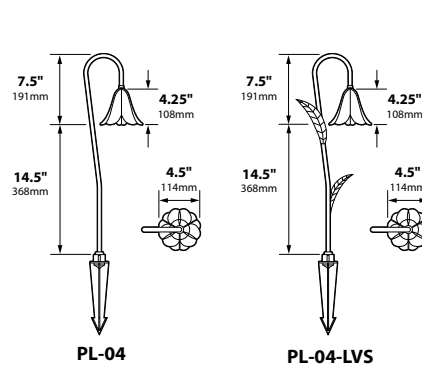
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only
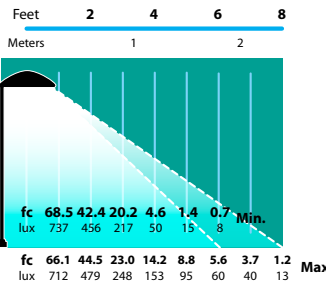
MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Unfinished brass, optional finishes available
Black texture polyester powder coat. Optional finishes available

PL-09-LEDP-BAR
4w Flat Panel LED
Solid Brass

Catalog Number	Description	Material
PL-09LEDP	Brass Lantern	Brass/aluminum gooseneck
PL-09-LEDPBRS	Brass Lantern	Brass/brass gooseneck

Omni LED
LEDS by CREE

50,000 HOUR
LED FLAT PANEL

11.9"
302mm

7.5"
191mm

7"
178mm

17"
432mm

10"
254mm

PL-09

Feet	**2**		**4**		**6**		**8**		**10**
Meters		1			2				3
fc	12.6	12.4	8.3	5.4	3.6	2.5	1.7	1.3	1.0	0.5
lux	136	133	89	58	39	27	18	14	11	5

IP44   CE   ETL Intertek
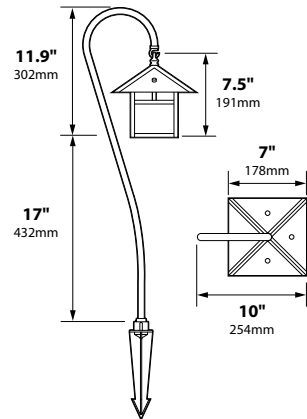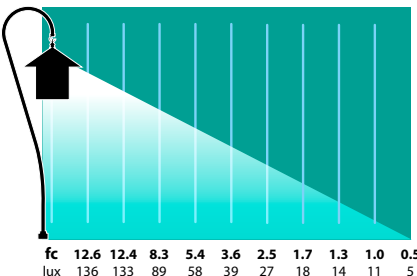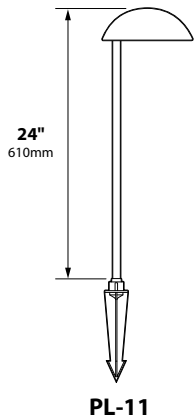
PL-11 SPECIFICATIONS:

CONSTRUCTION: Cast brass or aluminum 8" Mushroom Hat; matching extruded stanchion
Lens: High-impact clear acrylic lens
LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H)
SOCKET 12v: Single contact bayonet, brass nickel plated screw shell (Ba15s);
Wiring: Black 3 foot 18/2 zip cord from base of fixture (12v only)
Standard 120v Black, White and Ground
CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only
MOUNT: FA-03 9" ABS stake threaded 1/2" NPS,
No mount supplied with PL-11-FL-5, 7; FA-26 is recommended
FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
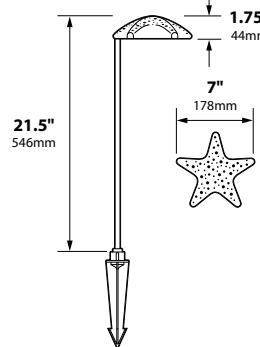Brass - Unfinished brass. Optional finishes available

PL-11-LEDP-BRS
4w LED Panel
Solid Brass

Catalog Number	Description
PL-11-LEDPBLT	Cast aluminum 8" Mushroom Hat
PL-11LEDPBRS	Cast brass 8" Mushroom Hat

IP54

50,000 HOUR
LED FLAT PANEL

Omni 3 LEDs by CREE LED

24"
610mm

PL-11

Feet		2		4		6	
Meters			1			2	
fc	137	73.3	30.5	15.4	2.4	1.2	0.6
lux	1470	789	328	166	26	13	6
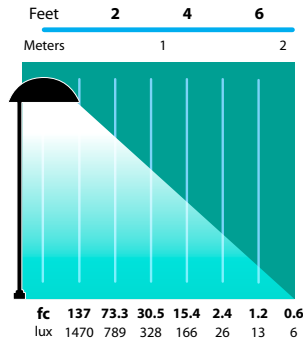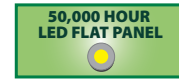
PL-11
Half Spread Photometrics
14 ft. (4.2m) diameter

PL-12, PL-13 SPECIFICATIONS:

CONSTRUCTION PL-12: Cast aluminum or cast brass 8" Oriental hat; matching extruded brass gooseneck stanchion or extruded aluminum goose neck stanchion

CONSTRUCTION PL-13: Large spun copper 5.5" Bell; matching extruded copper double goose neck stanchion with brass LVS accents.

LED SUPPLIED PL-12: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED SUPPLIED PL-13: : 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LED OPTION PL-12: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires
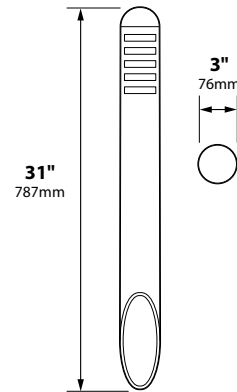
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

PL-12-LEDP-BAR
4w LED Panel
Solid Brass

50,000 HOUR
LED FLAT PANEL

Omni 3 LEDs by CREE LED

IP54

CE

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Intertek

PL-13-LED3-COP
3w Omni LED
Solid Copper

Feet	2	4	6	8			
Meters		1		2			

fc	86.5	57.5	27.6	13.1	6.1	3.0	1.7	0.6
lux	931	619	297	141	66	32	18	6

PL-12
Half Spread Photometrics
16 ft. (4.9m) diameter

Feet	2	4	6	8	10	12
Meters		1		2		3

fc	66.0	64.0	30.0	16.0	11.4	8.3	6.2	4.4	3.4	2.5	1.6	1.2
lux	710	689	323	172	123	89	67	47	37	27	17	13

PL-13
Half Spread Photometrics
24 ft. (7.3m) diameter

10.5" 267mm
6.5" 165mm
8" 203mm
21" 533mm
10" 254mm

PL-12

26.5" 673mm
5.5" 140mm
5" 127mm
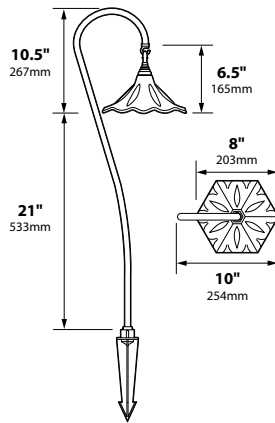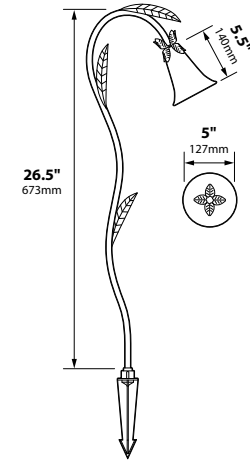
PL-13

PL-14 SPECIFICATIONS:

CONSTRUCTION: Heavy duty stamped brass 5.25" Pyramid hat; matching extruded square brass stanchion

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X), Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS

FINISH: Unfinished brass. Optional finishes available

PL-14-LED3BAV
3w Omni LED
Solid Brass

Feet	2	4	6	8			
Meters		1		2			

fc	69.6	39.8	20.2	12.3	6.6	2.4	0.9	Min.
lux	800	428	217	132	71	26	10	
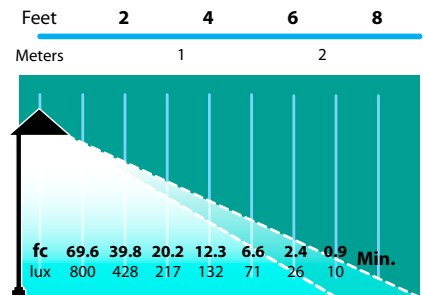
fc	69.9	36.6	18.0	11.2	7.3	4.7	2.9	1.5	0.7
lux	752	394	194	121	79	51	31	16	8

2.25" 57mm
14" 356mm
5.25" 133mm
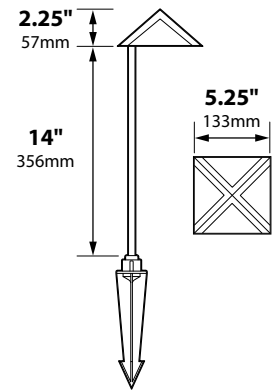
Catalog Number	Description
PL-12-LEDPBLT	Cast aluminum 8" Oriental Hat
PL-12-LEDPBRS	Cast aluminum 8" Oriental Hat
PL-13-LED3COP	Cast heavy-duty spun copper 5.5" Bell with LVS
PL-14-LED3BRS	Cast heavy-duty stamped brass 5" Pyramid Hat

Omni LED
LEDS by CREE

IP54 CE c ETL us Intertek

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PL-15-LED3-COP
3w Omni LED
Solid Copper

PL-16-LED3-COP
3w Omni LED
Solid Copper

PL-17-LEDP-WBR
4w LED Panel
Extruded Aluminum

PL-15, PL-16 SPECIFICATIONS:

CONSTRUCTION: Heavy duty spun copper 5.5" Bell; matching extruded copper 1/2" O.D. goose neck stanchion

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X), Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only) For 25 foot 16/2 fixture lead wire add **-25F** to catalog number. 120v standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: FA-03-LG black 9" oversize ABS stake, tapped 1/2" NPS

FINISH: Unfinished copper. Optional finishes available

Catalog Number	Description
PL-15-LED3COP	Heavy-duty copper 5.5" Spun Copper Bell
PL-16-LED3COP	Heavy-duty copper 5.5" side mount Bell

PL-16

PL-15

IP54

Feet	2	4	6
Meters	1		

fc	**261**	**117**	**53.0**	**27.0**	**16.0**
lux	2809	1259	570	291	172

PL-15

Feet	2	4	6
Meters	1		

fc	**124**	**69.0**	**27.0**	**11.0**	**1.1**
lux	1335	743	291	118	12

PL-16

PL-17 SPECIFICATIONS:

CONSTRUCTION: Extruded Aluminum

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

LENS: High impact Solite Glass (diffused)

SOCKET: Single Contact bayonet, brass nickel plated screws shell (BA-15s) with 200° silicone leadwire

WIRING: Black 3 feet 18/2 zip cord from base of fixture (12v only)

CONNECTION: FA-05 Quick Connector (not supplied) from main 12/2, 10/2 or 8/2 cable (12 volt only)

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Black texture polyester powder coat-Optional finishes available

Catalog Number	Description
PL-17-LEDPBLT	Extruded aluminum L shaped path Light
PL-17-LEDPBRS	Extruded brass L shaped path Light

Feet	foot-candles (lux)	Meters
7		2.0
6	5.0 (54)	
5	7.3 (79)	1.5
4	12.1 (130)	1.0
3	20.7 (223)	
2	40.9 (440)	0.5
1	78.3 (843)	
		0

Height of fixture from floor: 20 in. (508mm)

Feet	0	1	6	12	
Meters	0		2.0	4.0	

IP54

50,000 HOUR
LED FLAT PANEL

94
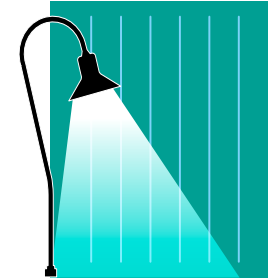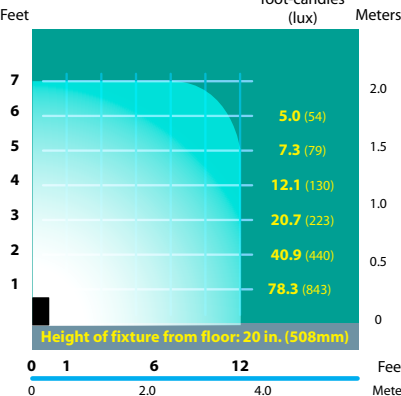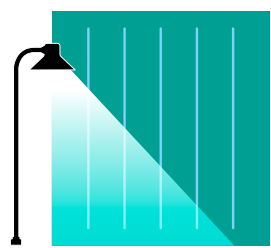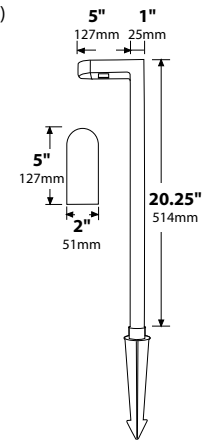
FLAT PANEL LED PATH LIGHTING

PL-20-LEDPBRT

PATH LIGHT FLAT PANEL LEDS

Newly Engineered Bracket
For Use With 4w LED Panel
The Most Efficient LED Area Lighting On The Market

ONLY FROM FOCUS

2W | 150 Lumens / 4w | 300 Lumens
Optional 120v to 277v*
Remote Driver Supplied
Brighter Than a 20w Halogen
Available in 3000K Warm White or
5200K Cool White
50,000 Hour Round LED Panel
5 Year Warranty

*Must use FA-26 mounting post or jucntion box
for 120v-277v applications

AVAILABLE ON THE FOLLOWING FOCUS PATH LIGHT MODELS

PL-01-LEDP	PL-03-LEDP	PL-04-LEDP	PL-05-LEDP	PL-06-LEDP
PL-09-LEDP	PL-11-LEDP	PL-12-LEDP	PL-20-LEDP	PL-21-LEDP

PL-22-LEDP

PL-23-LEDP

**50,000 HOUR
LED FLAT PANEL**

IP54

PL-01-LEDPBAT

3 Lens Options:
Clear (Std.) | Sand Blast |White

PL-19-BRS SPECIFICATIONS:

CONSTRUCTION: Spun brass 5.5" shade, extruded 1/2" brass top mount stanchion

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H) or

SOCKET: Single contact bayonet, brass nickel plated screw shell (Ba15s) with 200° C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Brass Acid Rust

Catalog Number Description

PL-19-LED3BRS   Spun brass 5.5" Shade, top mount

PL-19-LED3-BAR
3w Omni LED
Spun Brass Shade

Feet	2	4	6
Meters		1	

fc	124	69.0	27.0	11.0	1.1
lux	1335	743	291	118	12

2.5" 64mm

5.5" 140mm

24" 610mm

7" 178mm

PL-19
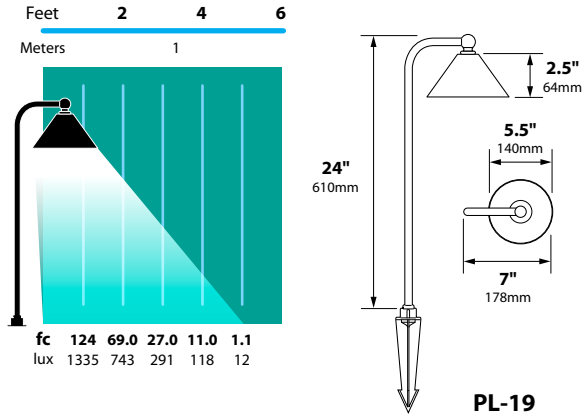
PL-20 SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass 5.75" China hat,

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single Contact bayonet, brass nickel plated screws shell (BA-15s) with 200⁰ silicone lead wire

WIRING: Black 3 feet 18/2 zip cord from base of fixture (12v only)

CONNECTION: FA-05 Quick Connector (not supplied) from main 12/2, 10/2 or 8/2 cable (12 volt only)

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Black texture polyester powder coat. Optional finishes available Unfinished brass. Optional finishes available

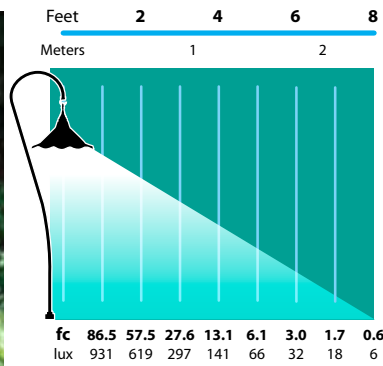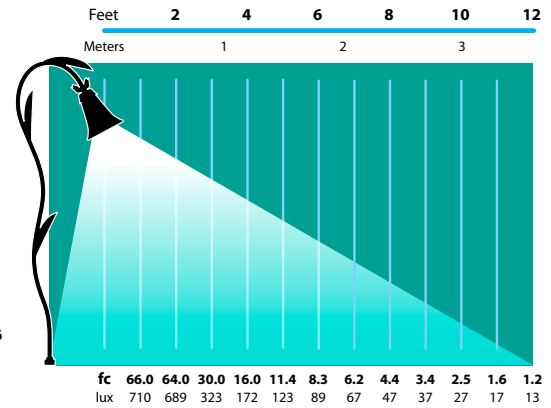### Catalog Number Description

PL-20-LEDPBLT   Cast aluminum 5.75" China hat path light
PL-20-LEDPBRS   Cast brass 5.75" China hat path light

PL-20-LEDP-WBR
4w LED Panel
Extruded Aluminum

Feet	2	4	6
Meters		1	

fc	124	69.0	27.0	11.0	1.1
lux	1335	743	291	118	12

5.75" 146mm

20" 508mm

5.75" 146mm

PL-20

50,000 HOUR LED FLAT PANEL

PL-21 SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass 5.75" Tiki hat,

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single Contact bayonet, brass nickel plated screws shell (BA-15s) with 200⁰ silicone lead wire

WIRING: Black 3 feet 18/2 zip cord from base of fixture (12v only)

CONNECTION: FA-05 Quick Connector (not supplied) from main 12/2, 10/2 or 8/2 cable (12 volt only)

MOUNT: FA-03 9" ABS stake threaded 1/2" NPS

FINISH: Black texture polyester powder coat. Unfinished brass. Optional finishes available

Catalog Number Description

PL-21-LEDPBLT   Cast aluminum 5.75" China hat path light
PL-21-LEDPBRS   Cast brass 5.75" China hat path light

5.75" 146mm
5.75" 146mm
20.5" 523mm
PL-21

Feet 2 4 6
Meters 1

fc	124	69.0	27.0	11.0	1.1
lux	1335	743	291	118	12

PL-21-LED3-BAR
3w Omni LED (25w max.)
Cast Brass

50,000 HOUR LED FLAT PANEL

Omni LED — LEDS by CREE

CE cETLus Intertek IP54
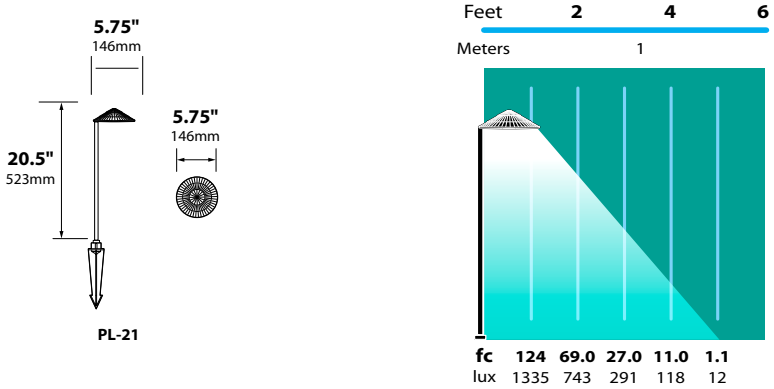
PL-22 SPECIFICATIONS:

CONSTRUCTION: Extruded 2.25" square aluminum or brass.
LENS: High temperature white acrylic

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)
LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)
SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires.
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only) For 25 foot 16/2 fixture lead wire add -25F to catalog number. 120v standard wiring
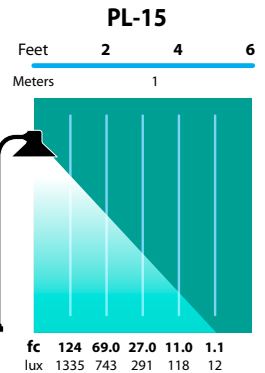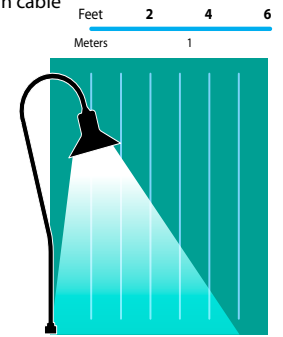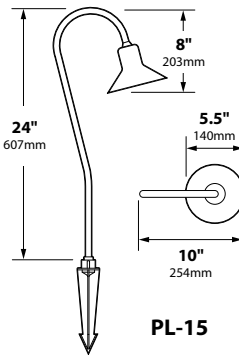**CONNECTION:** FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only
MOUNTING: Angle cut post (PL-22) FA-03 black 9" ABS stake, tapped 1/2" NPS (PL-22-DM)
FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available Brass - Unfinished brass. Optional finishes available

2.25" 57mm
2.25" 57mm
18.125" 460mm
28" 711mm

Feet 2 4 6
Meters 1
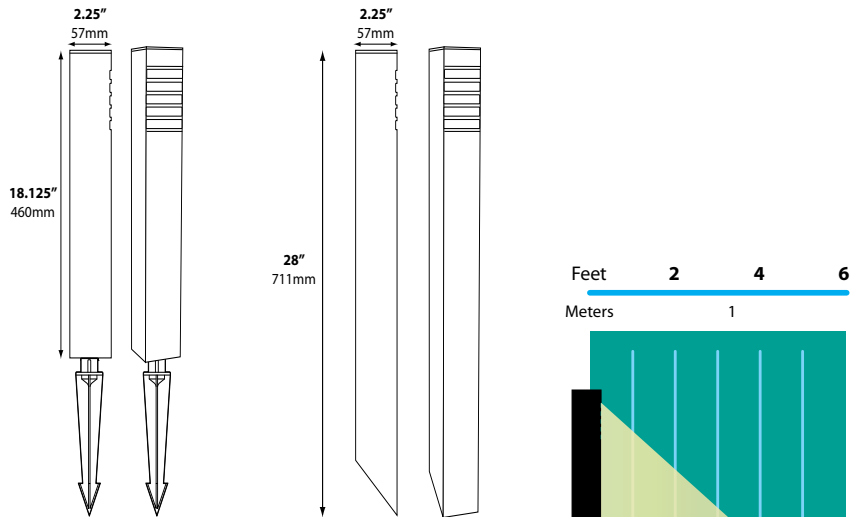
Catalog Number   Description

PL-22-LEDPBLT   Square Aluminum Bollard
PL-22-LEDPBRS   Square Brass Bollard
PL-22-DMLEDPBLT   Square Aluminum Bollard, Deck Mount.
PL-22-DMLEDPBRS   Square Brass Bollard, Deck Mount

fc	124	69.0	27.0	11.0	1.1

PL-22-LEDP-BAR
4w LED Panel
Brass

THE REMEDY

Same great FOCUS quality with a reduced price

RXP-01-LEDCOP
4w MR16 LED
Copper

RXP-02-LED-BLT
2x 4w MR16 LED
Aluminum

RXP-03-LED-BRS
4w MR16 LED
Brass

RXP-04-LED-BAR
2x 4w MR16 LED
Brass

RXD-01 & RXD-02 SPECIFICATIONS:

CONSTRUCTION: Aluminum tube shield bullet & cast aluminum swivel with 240˚ rotation with aluminum stem. Copper tube shield bullet and cast brass adjustable swivel with 240° rotation. Brass stem

LENS: High impact clear tempered convex glass

O-RING: High temperature red silicone

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating; 20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
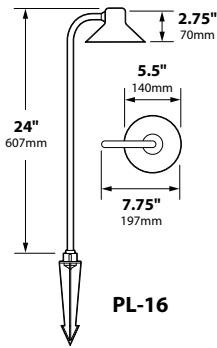For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 LG black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Copper-Unfinished copper. Optional finishes available.

CATALOG NO.	DESCRIPTION
RXP-01LEDBLT	1x MR16 LED Aluminum Path Light
RXP-02LEDBLT	2x MR16 LED Aluminum Path Light
RXP-01LEDCOP	1x MR16 LEDCopper Path Light
RXP-02LEDCOP	2x MR16 LED Copper Path Light

RXD-03 & RXD-04 SPECIFICATIONS:

CONSTRUCTION: Machined brass cylinder with threaded cap & cast brass adjustable swivel. Brass stem

LENS: Clear tempered stepped glass

O-RING: High temperature red silicone

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating; 20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires

WIRING: Black and 2 White 250℃ silicone lead wires

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03- LG Large black 9" ABS stake, tapped 1/2" NPS

FINISH: Brass-Unfinished brass. Optional finishes available

CATALOG NO.	DESCRIPTION
RXP-03-LEDBRS	1x MR16 LED Brass Path Light
RXP-04-LEDBRS	2x MR16 LED Brass Path Light

Arrow LED LEDS by CREE

CE cETLus INTERTEK LISTED IP54

Feet		3	6	9	12	
Meters		1	2	3	4	Beam Width (ft.) (m)
20w 36° angle		2.0 / 0.59	3.9 / 1.18	5.8 / 1.77	7.8 / 2.37	
		50.7 / 546	12.7 / 137	5.7 / 61	3.2 / 35	foot-candles (lux)

RXP-01/RXP-02
Half Spread Photometrics
4 ft. (1.2m) radius

Feet		3	6	9	12	
Meters		1	2	3	4	Beam Width (ft.) (m)
20w 36° angle		2.0 / 0.59	3.9 / 1.18	5.8 / 1.77	7.8 / 2.37	
		50.7 / 546	12.7 / 137	5.7 / 61	3.2 / 35	foot-candles (lux)

RXP-03/RXP-04
Half Spread Photometrics
4 ft. (1.2m) radius

3.0" 76mm
5.25" 134mm
RXP-01

8.25" 210mm
RXP-02

4.25" 108mm
2.25" 57mm
25" 635mm
RXP-03

5.2" 131mm
4.25" 108mm
2.25" 57mm
RXP-04

NOTE: RXP-03/04-TAC MODELS ON PG. 23

SL-02-AL-LEDPCOP
4w LED Flat Panel
Solid Copper

SL-02-3L-LED3BRS
3w Omni-3 LED (25w max.)
Solid Brass

SL-02-LED3SS
3w Omni-3 LED (25w max.)
Solid Stainless Steel

SL-02-1L-LED3BRS
3w Omni-3 LED (25w max.)
Solid Brass

SL-02 RESIDENTIAL STEP LIGHT SERIES SPECIFICATIONS:

FACE PLATE: Heavy-duty stamped brass, copper, stainless steel or aluminum
BACK BOX HOUSING: White powder coated galvanized steel
GASKET: Black neosponge 0.190" thick closed cell
LENS (-AL MODELS): White high-impact acrylic
LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X)
or Halogen (-H)
SOCKET: Single contact bayonet; brass nickel plated Ba15s with 200° C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)
FINISH: Optional finishes available

IP54

Catalog Number	Catalog Number Face Plate Only	Description	Face Plate Standard Finish
SL-02-LED3BLT	FA-50	Stamped aluminum 4 louver step light	Black texture
SL-02-LED3BRS	FA-50-BRS	Stamped brass 4 louver step light	Brushed brass
SL-02-LED3COP	FA-50-COP	Stamped copper 4 louver step light	Brushed copper
SL-02-LED3SS^{+}	FA-50-SS	Stamped stainless steel 3 louver step light	Brushed stainless
SL-021L-LED3BLT	FA-50	Stamped aluminum 1 louver step light	Black texture
SL-021L-LED3BRS	FA-50-BRS	Stamped brass 1 louver step light	Brushed brass
SL-021L-LED3COP	FA-50-COP	Stamped copper 1 louver step light	Brushed copper
SL-021L-LED3SS	FA-50-SS	Stamped stainless steel 1 louver step light	Brushed stainless
SL-02-3L-LED3	FA-50-3L	Stamped aluminum 3 louver step light	Black texture
SL-02-3L-LED3BRS	FA-50-3L-BRS	Stamped brass 3 louver step light	Brushed brass
SL-02-3L-LED3COP	FA-50-3L-COP	Stamped copper 3 louver step light	Brushed copper
SL-02-3L-LED3SS	FA-50-3L-SS	Stamped stainless steel 3 louver step light	Brushed stainless
SL-02-AL-LED3BLT	FA-51	Stamped aluminum lensed step light	Black texture
SL-02-AL-LED3BRS	FA-51-BRS	Stamped brass lensed step light	Brushed brass
SL-02-AL-LED3COP	FA-51-COP	Stamped copper lensed step light	Brushed copper
SL-02-AL-LED3SS	FA-51-SS	Stamped stainless steel lensed step light	Brushed stainless

BACK BOXES ONLY

Catalog Number	Description	Lamp and Voltage
FA-56	Stamped galvanized box with lamp and socket	18w SC (12v)
FA-56-H	Stamped galvanized box with lamp and socket	20w halogen SC (12v)
FA-56-X	Stamped galvanized box with lamp and socket	20w xenon SC (12v)
FA-56-T7	Stamped galvanized box with lamp and socket	15w T7 DC (120v)
FA-56-T8	Stamped galvanized box with lamp and socket	25w T8 DC (120v)

SL-02 Back Box — 2" 51mm / 4" 102mm / 2" 51mm

SL-02 — 3" 76mm / 4.75" 121mm / .6" 15mm

SL-02-AL — 3" 76mm / 4.75" 121mm / .375" 10mm

SL-02-1L — 4.75" 121mm / 3" 76mm / 1.3" 33mm

SL-02-3L — 2.25" 57mm / 4.375" 111mm / 3" 76mm / .285" 7mm
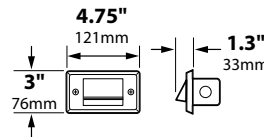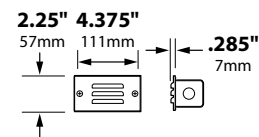
SL-02-LEDP RESIDENTIAL STEP LIGHT SERIES SPECIFICATIONS:

CONSTRUCTION: Stamped aluminum, brass, copper or stainless steel (-SS available only on SL-02 4 louver model) step/brick light with stamped stainless steel surface mounting bracket - no back box required

3 LENS OPTIONS:
SL-02-LEDP: Standard white acrylic; creates warm 2700K incandescent like color
SL-02-LEDP-SB: Sand Blast clear acrylic; creates soft 3000K halogen like color
SL-02-LEDP-CL: Clear acrylic; bright halogen 3000K color

GASKET: Black neosponge closed cell; .190" thickness

LED SUPPLIED: 12v, 4w integrated LED flat panel with external driver, warm white 3000K

LIFETIME RATING: 50,000 hours

SOCKET: None

VOLTAGE RANGE: 9 to 18 volts. Optimum operating range of 10 to 15 volts for consistent performance and brightness.

WIRING: Red(+) and Black(-) 18 gauge zip cord from LED panel. Connects to external driver Red(+) and Black(-) 18 gauge zip cord.
Additional 6' 18/2 zip cord supplied for wiring external driver to main cable.
For 25 foot 16/2 fixture lead wire add **-25F** to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from LED driver to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: Stainless Steel surface mount bracket; four screws and wall anchors provided; Face plate attaches to bracket with two provided screws

FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional finishes available
Copper-Unfinished; optional finishes available
Stainless Steel-Brushed

CAUTION: MUST BE POWERED BY LOW VOLTAGE AC MAGNETIC TRANSFORMER ONLY

SL-02: Mounting Holes on all models 3-5/16" on center

SL-02-LEDP-CAM

IP54

50,000 HOUR LED FLAT PANEL

Catalog No.	Description	Lamp
SL-02-LEDP-BLT	Aluminum 4 Louver Brick Light	4w Flat Panel LED
SL-02-LEDP-BRS	Brass 4 Louver Brick Light	4w Flat Panel LED
SL-02-LEDP-COP	Copper 4 Louver Brick Light	4w Flat Panel LED.
SL-02-LEDP-SS	Stainless Steel 4 Louver Brick Light	4w Flat Panel LED
SL-02-AL-LEDP-BLT	Aluminum Lensed Brick Light	4w Flat Panel LED
SL-02-AL-LEDP-BRS	Brass Lensed Brick Light	4w Flat Panel LED
SL-02-AL-LEDP-COP	Copper Lensed Brick Light	4w Flat Panel LED
SL-02-1L-LEDP-BLT	Aluminum 1 Louver Brick Light	4w Flat Panel LED
SL-02-1L-LEDP-BRS	Brass 1 Louver Brick Light	4w Flat Panel LED
SL-02-1L-LEDP-COP	Copper 1 Louver Brick Light	4w Flat Panel LED

Lenses are all standard white acrylic; creates warm 2700K incandescent like color
Add -SB To Part #: Sand Blast clear acrylic; creates soft 3000K halogen like color
Add -CL To Part #: Clear acrylic; bright halogen 3000K color

Add -52 To Part #: 5200K Cool White Flat Panel LED
Note: -AL & -1L LEDP models not available in stainless steel

SL-02-LEDP 3" 76mm 4.75" 121mm .75" 19mm

SL-02-AL-LEDP 3" 76mm 4.75" 121mm .75" 19mm

SL-02-1L-LEDP 4.75" 121mm 3" 76mm 1.75" 44mm
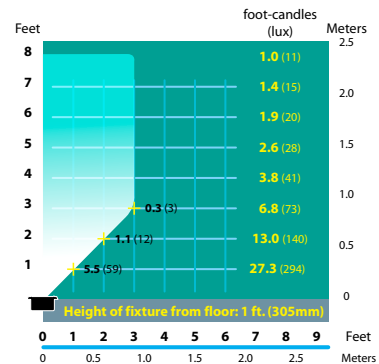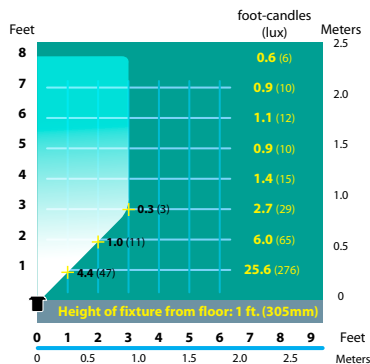
SL-02-VERT Half Spread Photometrics

Feet	foot-candles (lux)	Meters
8	0.6 (6)	2.5
7	0.9 (10)	2.0
6	1.1 (12)	
5	0.9 (10)	1.5
4	1.4 (15)	1.0
3	0.3 (3) 2.7 (29)	
2	1.0 (11) 6.0 (65)	0.5
1	4.4 (47) 25.6 (276)	0

Height of fixture from floor: 1 ft. (305mm)

SL-02-3L Half Spread Photometrics

Feet	foot-candles (lux)	Meters
7		2.0
6		
5	1.0 (11)	1.5
4	1.6 (17)	1.0
3	4.0 (43)	
2	16.0 (172)	0.5
1	19.5 (210)	0

Height of fixture from floor: 1 ft. (305mm)

SL-02-AL Half Spread Photometrics

Feet	foot-candles (lux)	Meters
8	1.0 (11)	2.5
7	1.4 (15)	2.0
6	1.9 (20)	
5	2.6 (28)	1.5
4	3.8 (41)	1.0
3	0.3 (3) 6.8 (73)	
2	1.1 (12) 13.0 (140)	0.5
1	5.5 (59) 27.3 (294)	0

Height of fixture from floor: 1 ft. (305mm)

SL-02 Half Spread Photometrics

Feet	foot-candles (lux)	Meters
8	0.1 (9)	2.5
7	1.7 (18)	2.0
6	2.0 (22)	
5	1.8 (19)	1.5
4	1.7 (18)	1.0
3	3.1 (33)	
2	0.1 (9) 7.3 (79)	0.5
1	4.1 (44) 30.7 (330)	0

Height of fixture from floor: 1 ft. (305mm)

NO BACK BOX REQUIRED

101

SL-04-LED3BAV
2 x 3w Omni-3 LED (50w max.)
Solid Brass

SL-04-AL-LEDP-SS
8w Flat Panel LED
Stainless Steel

SL-04-3L-LED3BRS
2 x 3w Omni-3 LED (50w max.)
Brass

SL-04-1L-LEDP-SS
8w Flat Panel LED
Stainless Steel

SL-04-AL-LEDP-BAV
8w Flat Panel LED
Brass

SL-04 RESIDENTIAL BRICK LIGHT SERIES SPECIFICATIONS:

FACE PLATE: Heavy-duty stamped brass (-BRS), copper (-COP), stainless steel (-SS), or aluminum
BACK BOX HOUSING: White powder coated aluminum
GASKET: Black neosponge 0.190" thick closed cell
LENS (-AL MODELS): White high-impact acrylic
LENS (-AL MODELS): White high-impact acrylic
LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X)
or Halogen (-H)
SOCKET: Single contact bayonet; brass nickel plated Ba15s with 200° C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)
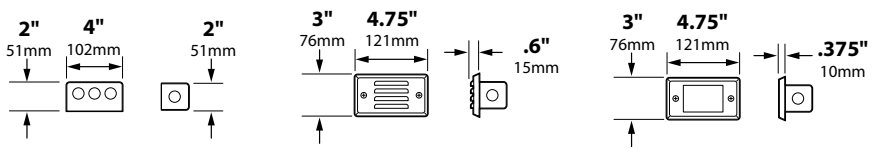**FINISH:** Optional finishes available

Catalog Number	Catalog Number Face Plate Only	Description	Face Plate Standard Finish
SL-04-LED3BLT	FA-52	Stamped aluminum 4 louver brick light	Black texture
SL-04-LED3BRS	FA-52-BRS	Stamped brass 4 louver brick light	Brushed brass
SL-04-LED3COP	FA-52-COP	Stamped copper 4 louver brick light	Brushed copper
SL-04-LED3SS	FA-52-SS	Stamped stainless 4 louver steel brick light	Brushed stainless
SL-041L-LED3BLT	FA-52	Stamped aluminum 1 louver brick light	Black texture
SL-041L-LED3BRS	FA-52-BRS	Stamped brass 1 louver brick light	Brushed brass
SL-041LLED3-COP	FA-52-COP	Stamped copper 1 louver brick light	Brushed copper
SL-041L-LED3SS	FA-52-SS	Stamped stainless 1 louver steel brick light	Brushed stainless
SL-04-3L-LED3BLT	FA-52-3L	Stamped aluminum 3 louver brick light	Black texture
SL-04-3L-LED3BRS	FA-52-3L-BRS	Stamped brass 3 louver brick light	Brushed brass
SL-04-3L-LED3COP	FA-52-3L-COP	Stamped copper 3 louver brick light	Brushed copper
SL-04-3L-LED3SS	FA-52-3L-SS	Stamped stainless steel 3 louver brick light	Brushed stainless
SL-04-AL-LED3BLT	FA-53	Stamped aluminum lensed brick light	Black texture
SL-04-AL-LED3BRS	FA-53-BRS	Stamped brass lensed brick light	Brushed brass
SL-04-AL-LED3COP	FA-53-COP	Stamped copper lensed brick light	Brushed copper
SL-04-AL-LED3SS	FA-53-SS	Stamped stainless steel lensed brick step light	Brushed stainless

BACK BOXES ONLY

Catalog Number	Description	Lamp and Voltage
FA-58	Stamped aluminum box with lamp and socket, white	2 x 18w SC (12v)
FA-58-H	Stamped aluminum box with lamp and socket, white	2 x 20w halogen (12v)
FA-58-X	Stamped aluminum box with lamp and socket, white	2 x 20w Xenon (12v)
FA-58-T7	Stamped aluminum box with lamp and socket, white	2 x 15w T7 (120v)
FA-58-T8	Stamped aluminum box with lamp and socket, white	2 x 25w T8 (120v)

8"
203mm
3"
76mm
9.25"
235mm
2"
51mm
3"
76mm
SL-04-1L

8"
203mm
3"
76mm
9.25"
235mm
2"
51mm
3"
76mm
SL-04

8"
203mm
3"
76mm
9.25"
235mm
2"
51mm
3"
76mm
SL-04-AL

8"
203mm
3"
76mm
9.25"
235mm
2"
51mm
3"
76mm
SL-04-3L

Omni 3mm LED — LEDS by CREE   IP54   CE   ETL Listed us Intertek

12v fixtures: 25 foot 16/2 fixture lead wire available; add **-25F** to catalog number.
For use with Focus CPC or hub supplied by others.
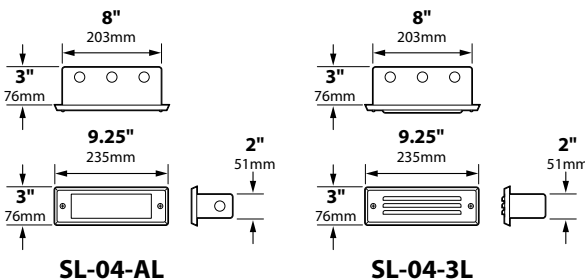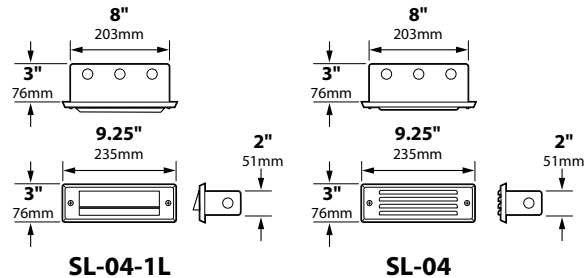
SL-04-LEDP RESIDENTIAL BRICK LIGHT SERIES SPECIFICATIONS:

CONSTRUCTION: Stamped aluminum, brass, copper or stainless steel step/brick light with stamped stainless steel surface mounting bracket - no back box required.

3 LENS OPTIONS:
SL-04-LEDP: Standard white acrylic; creates warm 2700K incandescent like color
SL-04-LEDP-SB: Sand Blast clear acrylic; creates soft 3000K halogen like color
SL-04-LEDP-CL: Clear acrylic; bright halogen 3000K color

GASKET: Black neosponge closed cell; .190" thickness

LED SUPPLIED: 12v, 8w integrated LED flat panel with external driver, warm white 3000K

LIFETIME RATING: 50,000 hours

SOCKET: None

VOLTAGE RANGE: 9 to 18 volts. Optimum operating range of 10 to 15 volts for consistent performance and brightness.

WIRING: Red(+) and Black(-) 18 gauge zip cord from LED panel. Connects to external driver Red(+) and Black(-) 18 gauge zip cord.
Additional 6' 18/2 zip cord supplied for wiring external driver to main cable.
For 25 foot 16/2 fixture lead wire add **-25F** to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from LED driver to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: Stainless Steel surface mount bracket; four screws and wall anchors provided; Face plate attaches to bracket with two provided screws

FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional finishes available
Copper-Unfinished; optional finishes available
Stainless Steel-Brushed

CAUTION: MUST BE POWERED BY LOW VOLTAGE AC MAGNETIC TRANSFORMER ONLY

NO BACK BOX REQUIRED

SL-04-LEDP-RST

50,000 HOUR LED FLAT PANEL

CE · ETL Intertek · **IP54**

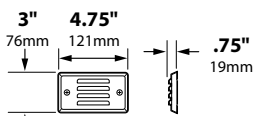| CATALOG NO.	DESCRIPTION	LAMP
SL-04-LEDP-BLT	Aluminum 4 Louver Brick Light	8w Flat Panel LED
SL-04-LEDP-BRS	Brass 4 Louver Brick Light	8w Flat Panel LED
SL-04-LEDP-COP	Copper 4 Louver Brick Light	8w Flat Panel LED
SL-04-LEDP-SS	Stainless Steel 4 Louver Brick Light	8w Flat Panel LED
SL-04-AL-LEDP-BLT	Aluminum Lensed Brick Light	8w Flat Panel LED
SL-04-AL-LEDP-BRS	Brass Lensed Brick Light	8w Flat Panel LED
SL-04-AL-LEDP-COP	Copper Lensed Brick Light	8w Flat Panel LED
SL-04-AL-LEDP-SS	Stainless Steel Lensed Brick Light	8w Flat Panel LED
SL-04-1L-LEDP-BLT	Aluminum 1 Louver Brick Light	8w Flat Panel LED.
SL-04-1L-LEDP-BRS	Brass 1 Louver Brick Light	8w Flat Panel LED
SL-04-1L-LEDP-COP	Copper 1 Louver Brick Light	8w Flat Panel LED
SL-04-1L-LEDP-SS	Stainless Steel 1 Louver Brick Light	8w Flat Panel LED
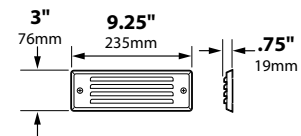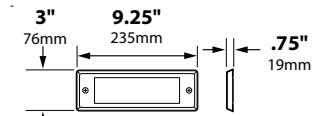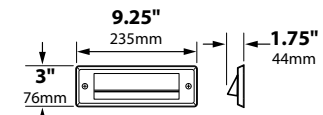
Lenses are all standard white acrylic; creates warm 2700K incandescent like color
Add -SB To Part #: Sand Blast clear acrylic; creates soft 3000K halogen like color
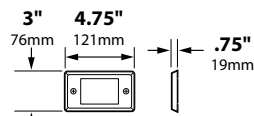Add -CL To Part #: Clear acrylic; bright halogen 3000K color

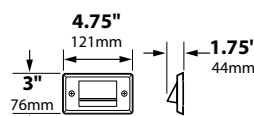Add -52 To Part #: 5200K Cool White Flat Panel LED

3" 76mm · **9.25"** 235mm · **.75"** 19mm
SL-04-LEDP

3" 76mm · **9.25"** 235mm · **.75"** 19mm
SL-04-AL-LEDP

9.25" 235mm · **1.75"** 44mm · **3"** 76mm
SL-04-1L-LEDP

SL-04 Half Spread Photometrics

foot-candles (lux) — Feet / Meters

foot-candles (lux)
0.8 (9)
4.5 (48)
11.8 (127)
13.0 (140)
52.0 (560)

0.9 (10)
3.2 (34)
13.4 (144)

Height of fixture from floor: 1 ft. (305mm)

SL-04-3L Half Spread Photometrics

foot-candles (lux)

foot-candles (lux)
0.9 (10)
3.6 (39)
30.0 (323)
69.0 (743)

Height of fixture from floor: 1 ft. (305mm)

SL-04-AL Half Spread Photometrics

foot-candles (lux) — Meters

foot-candles (lux)
2.0 (22)
2.5 (27)
3.0 (32)
3.2 (34)
4.4 (47)
5.2 (56)
6.8 (73)
9.0 (97)
13.3 (143)
19.2 (207)
25.5 (274)
54.0 (581)
88.5 (953)

Height of fixture from floor: 1 ft. (305mm)

SL-08-LED3BRS
2 x 3w Omni-3 LED
Solid Brass

SL-08-AL-LED3BAV
2 x 3w Omni-3 LED
Solid Brass

SL-08 COMMERCIAL BRICK LIGHT SERIES SPECIFICATIONS:

FACE PLATE: Cast brass or cast aluminum

BACK BOX HOUSING: White powder coated cast aluminum, **-BRS** models have unfinished brass housing

GASKET: Black neosponge 0.190" thick closed cell

LENS: Clear high impact acrylic (AL models–white high-impact acyrlic)

REFLECTOR: Highly polished specular aluminum

LED SUPPLIED (INCANDESCENT MODELS): 2 x 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LAMP SUPPLIED :
(T10 MODELS): None supplied; rated for 40 watt T10
(FL MODELS): 5, 7, 9 compact fluorescent, 41°K

LAMP OPTIONS (incandescent models): 2x 10,000 hours average rating Xenon (-X),Halogen (-H),
       (T10 models): None supplied; rated for 40 watt T10
       (FL models): 5, 7, 9 compact fluorescent, 41°K

SOCKET (incandescent models): Single contact bayonet; brass nickel plated Ba15s with 200° C silicone lead wires
       (T10 models): None supplied; rated for 40 watt T10
       (FL models): 5, 7, 9 compact fluorescent, 41°K

WIRING: Black 3 foot 18/2 zip cord for 12v, 120v: standard black, white and ground, 18 gauge

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available
NOTE: Specify 1/2" end holes for end feed through at the time of order.

2.75" 70mm   **7.25"** 184mm   **2.75"** 70mm   **7.25"** 184mm

8.25" 210mm   **2.5"** 64mm   **8.25"** 210mm   **2.5"** 64mm

3.25" 83mm   **3.25"** 83mm

SL-08   **SL-08-AL**
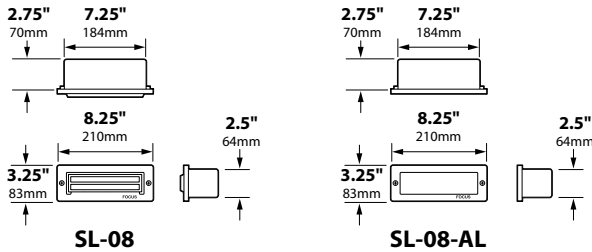
Catalog Number	Catalog Number Face Plate Only	Description	
SL-08-LED3	FA-54	Cast aluminum 3 louver brick light, clear acrylic lens	Black texture
SL-08-LED3BRS	FA-54-BRS	Cast brass 3 louver brick light, clear acrylic lens	Solid brass
SL-08-AL-LED3	FA-55	Cast aluminum white acrylic lensed brick light	Black texture
SL-08-AL-LED3BRS	FA-55-BRS	Cast brass white acrylic lensed lensed brick light	Solid brass
	FA-54-120V	Cast alum. 3 louver brick light, 120v, clear glass lens	Black texture
	FA-54-120V-BRS	Cast brass 3 louver brick light, 120v, clear glass lens	Solid brass
	FA-55-120V	Cast aluminum white acrylic glass lensed brick light, 120v	Black texture
	FA-55-120V-BRS	Cast brass white acrylic glass lensed brick light, 120v	Solid brass

120 VOLT COMPACT FLUORESCENT

Fluorescent fixtures have 5, 7 or 9 watt compact fluorescent lamps, 9 watt maximum. Specify wattage.

SL-08-FL-5, 7, 9	Cast aluminum 3 louver brick light, clear acrylic lens	Black texture
SL-08-FL-5, 7, 9-BRS	Cast brass 3 louver brick light, clear acrylic lens	Solid brass
SL-08-AL-FL-5, 7, 9	Cast aluminum lensed brick light, white acrylic lens	Black texture
SL-08-AL-FL-5, 7, 9-BRS	Cast brass lensed brick light, clear white acrylic lens	Solid brass

120 VOLT T10

The following fixtures are ready for 20-40 watt T10 bulbs, supplied without lamps.

SL-08-T10-NL	Cast aluminum 3 louver brick light, clear glass lens	Black texture
SL-08-T10-NL-BRS	Cast brass 3 louver brick light, clear glass lens	Solid brass
SL-08-AL-T10-NL	Cast aluminum lensed brick light, white glass lens	Black texture
SL-08-AL-T10-NL-BRS	Cast brass lensed brick light, white glass lens	Solid brass

BACK BOXES ONLY

Catalog Number	Description	Lamp and Voltage
FA-60	Cast aluminum box with lamp and socket	2 x 18w single contact (12v)
FA-60-H	Cast aluminum box with lamp and socket	2 x 20w halogen (12v)
FA-60-FL	Cast aluminum box with lamp and socket	5, 7, 9 watt comp. fluor. (specify) (120v)
FA-60-MR16	Cast aluminum box with lamp and socket	20w MR16 FL (BAB) (12v)
FA-60-X	Cast aluminum box with lamp and socket	2 x 20w Xenon (12v)
FA-60-T7	Cast aluminum box with lamp and socket	2 x 15w T7 (120v)
FA-60-T8	Cast aluminum box with lamp and socket	2 x 25w T8 (120v)
FA-60-T10-NL	Cast aluminum box with medium base socket	(T10, 120v option)
FA-60-BRS	Cast brass box with lamp and socket	2 x 18w SC (12v
FA-60-BRS-H	Cast brass box with lamp and socket	2 x 20w halogen (12v)
FA-60-BRS-FL	Cast brass box with lamp and socket	5, 7, 9 watt comp. fluor. (specify) (120v)
FA-60-BRS-MR16	Cast brass box with lamp and socket	20w MR16 FL (BAB) (12v)
FA-60-BRS-X	Cast brass box with lamp and socket	2 x 20w Xenon (12v)
FA-60-BRS-T7	Cast brass box with lamp and socket	2 x 15w T7(120v)
FA-60-BRS-T8	Cast brass box with lamp and socket	2 x 25w T8 (120v)
FA-60-BRS-T10-NL	Cast brass box with medium base socket	(T10, 120v option)

Omni 3 LEDS by CREE LED   IP54   CE   ETL Listed Intertek

SL-08-LEDP COMMERCIAL BRICK LIGHT SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or brass 3 louver brick light.
Stamped stainless steel surface mounting bracket - no back box required.

-AL MODELS ONLY: Cast aluminum or brass brick light with high impact white acrylic lens.
Stamped stainless steel surface mounting bracket - no back box required.

3 LENS OPTIONS:
SL-08-LEDP: Standard white acrylic; creates warm 2700K incandescent like color
SL-08-LEDP-SB: Sand Blast clear acrylic; creates soft 3000K halogen like color
SL-08-LEDP-CL: Clear acrylic; bright halogen 3000K color

GASKET: Black neosponge closed cell; .190" thickness

LIGHT SOURCE: 12v, 8w integrated LED flat panel with external driver, warm white 3000K

LIFETIME RATING: 50,000 hours

SOCKET: None

VOLTAGE RANGE: 9 to 18 volts. Optimum operating range of 10 to 15 volts for consistent performance and brightness.

WIRING: Red(+) and Black(-) 18 gauge zip cord from LED panel. Connects to external driver Red(+) and Black(-) 18 gauge zip cord.
Additional 6' 18/2 zip cord supplied for wiring external driver to main cable.
For 25 foot 16/2 fixture lead wire add **-25F** to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from LED driver to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: Stainless Steel surface mount bracket; two screws and wall anchors provided; Face plate attaches to bracket with two provided set screws

FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional finishes available

CAUTION: MUST BE POWERED BY LOW VOLTAGE AC MAGNETIC TRANSFORMER ONLY

SL-08-LEDP-WBR

50,000 HOUR LED FLAT PANEL

NO BACK BOX REQUIRED

SL-08-LEDP-BAR
8w Flat Panel LED
Brass

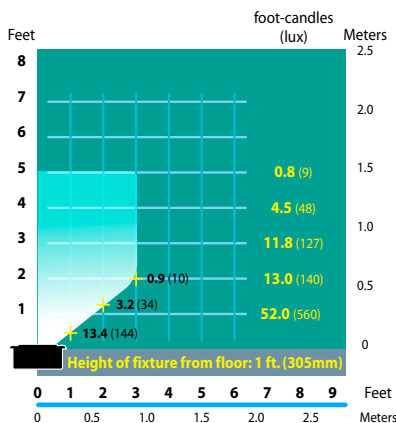| Catalog No.	Description	Lamp
SL-08-LEDP-BLT	Cast Aluminum 3 Louver Flat Panel LED Brick Light	8w Flat Panel LED
SL-08-LEDP-BRS	Cast Brass 3 Louver Flat Panel LED Brick Light	8w Flat Panel LED
SL-08-AL-LEDP-BLT	Cast Aluminum Lensed Flat Panel LED Brick Light	8w Flat Panel LED
SL-08-AL-LEDP-BRS	Cast Brass Lensed Panel LED Brick Light	8w Flat Panel LED

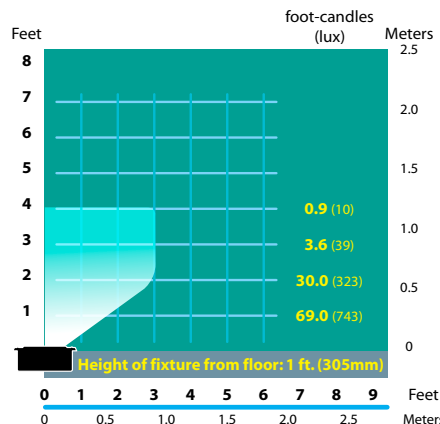Lenses are all standard white acrylic; creates warm 2700K incandescent like color
Add -SB To Part #: Sand Blast clear acrylic; creates soft 3000K halogen like color
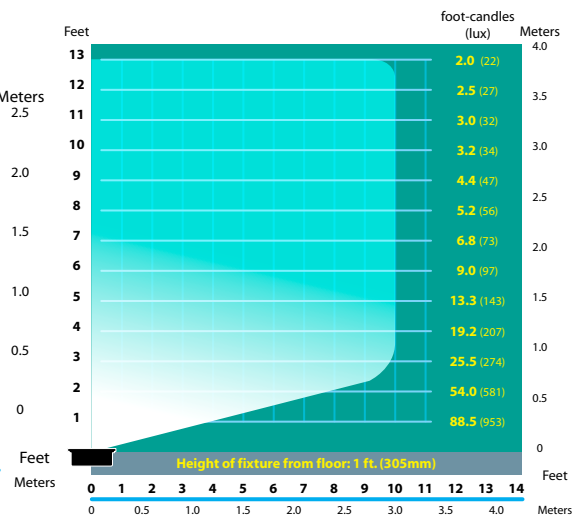Add -CL To Part #: Clear acrylic; bright halogen 3000K color
Add -52 To Part #: 5200K Cool White Flat Panel LED

8.25" 210mm
.875" 22mm
3.25" 83mm
FOCUS
.625" 17mm

8.25" 210mm
3.25" 83mm
FOCUS
.625" 17mm

SL-08 Half Spread Photometrics

SL-08-AL Half Spread Photometrics

SL-08-LEDP-BAR
8w Flat Panel LED
Brass

IP54   CE   c ETL us   Intertek

105

SL-17-LED3-BAV
3w Omni-3 LED
Solid Brass

SL-17-AL-LEDP-BRS
4w LED Panel
Solid Brass

SL-17-LEDP-BRS
4w LED Panel
Solid Brass

SL-17 COMMERCIAL STEP LIGHT SERIES SPECIFICATIONS:

FACE PLATE: Cast brass (-**BRS**) or cast aluminum

BACK BOX HOUSING: White powder coated cast aluminum
-**BRS** model is unfinished brass

GASKET: Black neosponge 0.190" thick closed cell

LENS (-AL MODELS): Tempered opal flat glass

LED SUPPLIED 12v: 3w 50,000 hours average rating OMNI-3 LED (-LED3) (Single contact bayonet base only)
LED OPTIONS 12v: 4w ARROW MR16 LED 50,000 average rating (MR16 only) or
4w ARROW Saver LED 40,000 hours average rating (MR16 only)

LAMP SUPPLIED 120v: 15w T7 or 25w T8

LEGACY LAMP OPTIONS: **(S-8)** We recommend 10,000 hours average rating Xenon (-X) or Halogen (-H)
(MR16) 20 watt MR16 ULTRA 10,000 hours average rating, 20 watt MR16 TITAN 18,000 hours average rating

SOCKET 12v: S-8: Single contact bayonet; brass nickel plated Ba15s with 200℃ silicone lead wires
MR16: high temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires

SOCKET 120v: Double contact bayonet, brass nickel plated lamp socket screw shell (Ba15d)
with 200℃ silicone lead wires

WIRING12V: Black 3 foot 18/2 zip cord
WIRING120v: Standard black, white and ground

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available

12v Catalog Number	Description
SL-17-LED3BLT	Cast Aluminum 3 Louver Step Light
SL-17-LED3BRS	Cast Brass 3 Louver Step Light
SL-17-AL-LED3BLT	Cast Aluminum Lensed Step Light
SL-17-AL-LED3BRS	Cast Brass Lensed Step Light
SL-17-AL-MR16LEDBLT	Cast Aluminum Lensed Step Light
SL-17-AL-MR16LEDBRS	Cast Brass Lensed Step Light

120v Catalog Number	Description

The following models are supplied with 15 watt T7 or 25wT8 lamp

SL-17-T7-BLT	Cast Aluminum 3 Louver Step Light
SL-17-T7-BRS	Cast Brass 3 Louver Step Light
SL-17-T8-BLT	Cast Aluminum 3 Louver Step Light
SL-17-T8-BRS	Cast Brass 3 Louver Step Light
SL-17-AL-T7-BLT	Cast Aluminum Lensed Step Light
SL-17-AL-T7-BRS	Cast Brass Lensed Step Light
SL-17-AL-T8-BLT	Cast Aluminum Lensed Step Light
SL-17-AL-T8-BRS	Cast Brass Lensed Step Light

BACK BOXES ONLY

Catalog No.	Description	Lamp
FA-65	Cast Aluminum back box with lamp and socket	18w S8 #1141
FA-65-H	Cast Aluminum back box with lamp and socket	20w halogen SC
FA-65-X	Cast Aluminum back box with lamp and socket	20w xenon SC
FA-65-MR16	Cast Aluminum back box with lamp and socket	20w MR16 FL(BAB)
FA-65-NL	Cast Aluminum back box with socket	None, Ba15s socket
FA-65-BRS	Cast Brass back box with lamp and socket	18w S8 #1141
FA-65-H-BRS	Cast Brass back box with lamp and socket	20w halogen SC
FA-65-X-BRS	Cast Brass back box with lamp and socket	20w xenon SC
FA-65-MR16-BRS	Cast Brass back box with lamp and socket	20w MR16 FL(BAB)
FA-65-NL-BRS	Cast Brass back box with socket	None, Ba15s socket

50,000 HOUR LED FLAT PANEL   **50,000 HOUR LED FLAT PANEL**   **Omni LEDS by CREE LED**   **Arrow LED LEDS by CREE**

SL-17
2.75" 70mm | 4.3" 109mm
5.2" 132mm | 2.5" 64mm
3.25" 83mm

SL-17-AL
2.75" 70mm | 4.3" 109mm
5.2" 132mm | 2.5" 64mm
3.25" 83mm

SL-17-AL-MR16
2.75" 70mm | 4.3" 109mm
5.2" 132mm | 2.5" 64mm
3.25" 83mm

Mounting Holes on all models
3.5" on center

CE   ETL Intertek   IP54
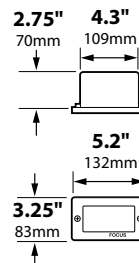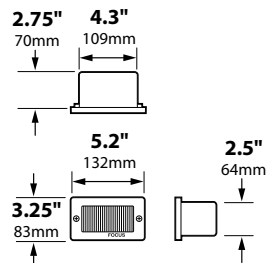
SL-17-LEDP COMMERCIAL STEP LIGHT SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or brass 3 louver step light with integrated LED panel and heat sink - no back box or mounting brackets required.

-AL MODELS: Cast aluminum or brass lens face step light with high impact white acrylic lens

3 LENS OPTIONS:
SL-17-LEDP: Standard white acrylic; creates warm 2700K incandescent like color
SL-17-LEDP-SB: Sand Blast clear acrylic; creates soft 3000K halogen like color
SL-17-LEDP-CL: Clear acrylic; bright halogen 3000K color

GASKET: Black neosponge closed cell; .190" thickness

LIGHT SOURCE: 12v, 4w integrated LED flat panel with external driver, warm white 3000K

LIFETIME RATING: 50,000 hours

SOCKET: None

VOLTAGE RANGE: 9 to 18 volts. Optimum operating range of 10 to 15 volts for consistent performance and brightness.

WIRING: Red(+) and Black(-) 18 gauge zip cord from LED panel. Connects to external driver Red(+) and Black(-) 18 gauge zip cord.
Additional 6' 18/2 zip cord supplied for wiring external driver to main cable.
For 25 foot 16/2 fixture lead wire add **-25F** to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from LED driver to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: Two matching #8 screws and wall anchors provided

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished; optional finishes available

CAUTION: MUST BE POWERED BY LOW VOLTAGE AC MAGNETIC TRANSFORMER ONLY
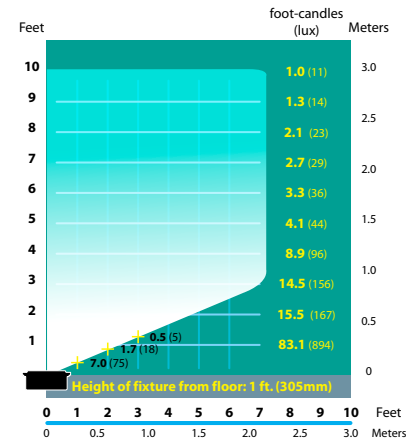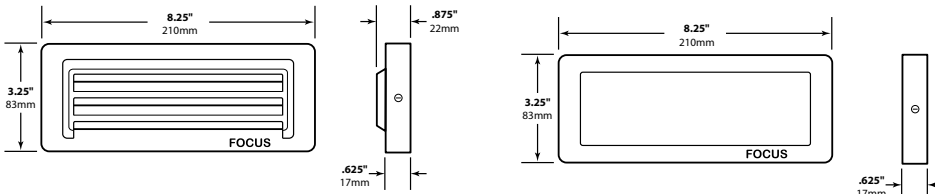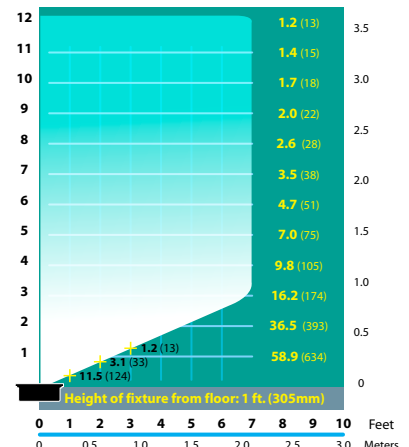
50,000 HOUR LED FLAT PANEL

NO BACK BOX REQUIRED

SL-17-LEDP-WBR

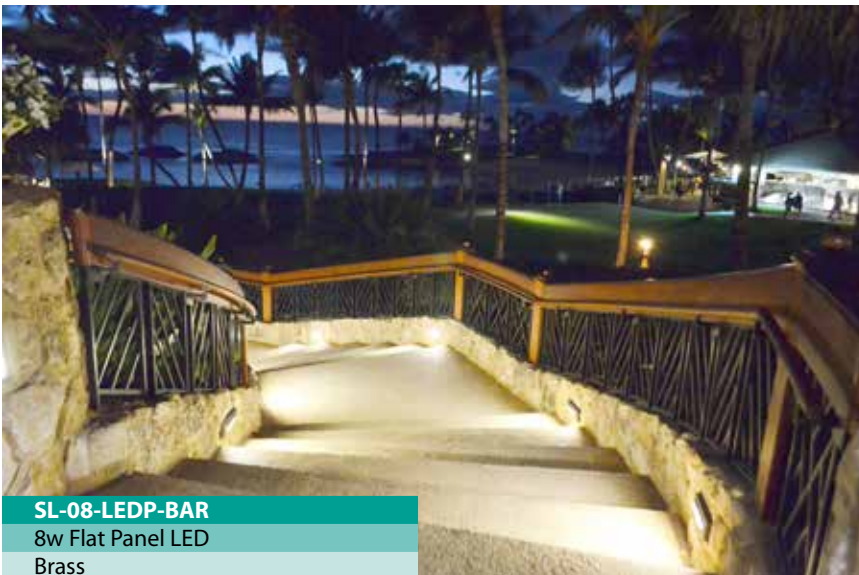| Catalog Number	Description	Lamp
SL-17-LEDP-BLT	Cast Aluminum 3 Louver Step Light	4w Flat Panel LED
SL-17-LEDP-BRS	Cast Brass 3 Louver Step Light	4w Flat Panel LED
SL-17-AL-LEDP-BLT	Cast Aluminum Lensed Step Light	4w Flat Panel LED
SL-17-AL-LEDP-BRS	Cast Brass Lensed Step Light	4w Flat Panel LED

Lenses are all standard white acrylic; creates warm 2700K incandescent like color
 Add -SB To Part #: Sand Blast clear acrylic; creates soft 3000K halogen like color
 Add -CL To Part #: Clear acrylic; bright halogen 3000K color

 Add -52 To Part #: 5200K Cool White Flat Panel LED

SL-17-LEDP-BAV
4w LED Panel
Solid Brass

SL-17-LEDP
5.2" 132mm — 1.2" 30mm
3.125" 79mm

SL-17-AL-LEDP
5.2" 132mm — 0.9" 23mm
3.125" 79mm
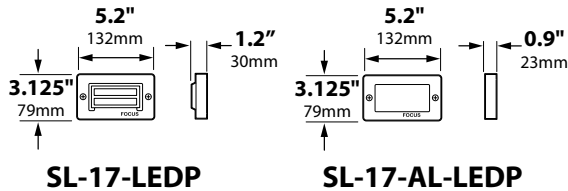
4w, 50,000 hour LED Panel

Mounting Holes on all models
3.5" on center

SL-17 Half Spread Photometrics

Feet	foot-candles (lux)
7	1.1 (12)
6	1.5 (16)
5	2.1 (23)
4	3.9 (42)
3	8.1 (87) — 0.6 (6)
2	10.4 (112) — 2.2 (24)
1	60.2 (648) — 9.5 (102)

Height of fixture from floor: 1 ft. (305mm)

SL-17-AL Half Spread Photometrics

Feet	foot-candles (lux)
8	1.0 (11)
7	1.3 (14)
6	1.6 (17)
5	2.5 (27)
4	3.8 (41)
3	5.7 (61)
2	10.8 (116) — 0.5 (5)
1	21.4 (230) — 4.2 (45)

Height of fixture from floor: 1 ft. (305mm)

IP54
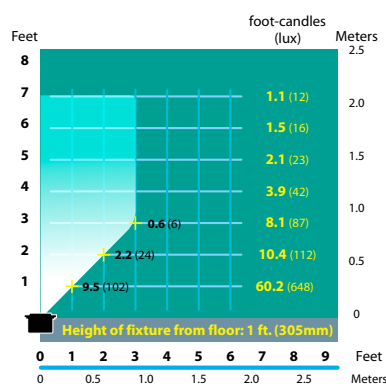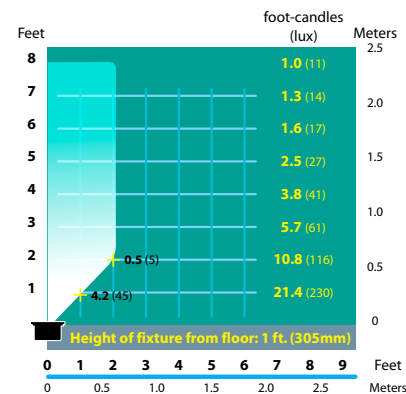
SL-30-LEDP-BRS
4w MR16 LED
Solid Brass

SL-30-LEDP-BAV
4w LED Panel
Solid Brass

SL-30-LEDP-BAV
4w LED Panel
Solid Brass

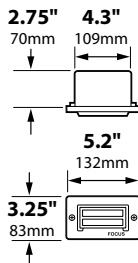## SL-30 COMMERCIAL STEP LIGHT SERIES SPECIFICATIONS:

BACK BOX HOUSING: White powder coated cast aluminum
　　　　　　　　　　　-**BRS** models have unfinished brass housing

GASKET: Black neosponge 0.190" thick closed cell

LENS (-AL MODELS): High-impact acrylic,-MR16 models have tempered glass

REFLECTOR: Highly polished specular aluminum

LED SUPPLIED 12v: 3w 50,000 hours average rating OMNI-3 LED (-LED3) (Single contact bayonet base only)
LED OPTIONS 12v: 4w ARROW MR16 LED 50,000 average rating (MR16 only) or
4w ARROW Saver LED (-LAS) 40,000 hours average rating

LAMP SUPPLIED 120v: 15w T7 or 25w T8

LEGACY LAMP OPTIONS: **(S-8)** We recommend 10,000 hours average rating Xenon (-X) or Halogen (-H)
(MR16) 20 watt MR16 ULTRA10,000 hours average rating, 20 watt MR16 TITAN 18,000 hours average rating

SOCKET–S-8: Single contact bayonet; brass nickel plated Ba15s with 200° C silicone lead wires

MR16: high temperature ceramic GU5.3 bi-pin with 250° C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available

Catalog Number	Catalog Number Face Plate Only	Description	Lens Material
SL-30-LED3BLT	FA-140	Cast aluminum 1 louver step light	White acrylic
SL-30-LED3BRS	FA-140-BRS	Cast brass 1 louver step light	White acrylic
SL-30-MR16LED		Cast aluminum lensed step light	Linear spread glass
SL-30-MR16LEDBRS	FA-140-MR16-BRS	Cast brass lensed step light	Linear spread glass
	FA-140-120V	Cast aluminum 1 louver step light, 120v	White glass
	FA-140-120V-BRS	Cast brass 1 louver step light, 120v	White glass

BACK BOXES ONLY

Catalog No.	Description	Lamp
FA-65	Cast Aluminum back box with lamp and socket	2x 18w S8 #1141
FA-65-H	Cast Aluminum back box with lamp and socket	2x 20w halogen SC
FA-65-X	Cast Aluminum back box with lamp and socket	2x 20w xenon SC
FA-65-MR16	Cast Aluminum back box with lamp and socket	20w MR16 FL(BAB)
FA-65-NL	Cast Aluminum back box with socket	None, 2 x Ba15s sockets
FA-65-BRS	Cast Brass back box with lamp and socket	2x 18w S8 #1141
FA-65-H-BRS	Cast Brass back box with lamp and socket	2x 20w halogen SC
FA-65-X-BRS	Cast Brass back box with lamp and socket	2x 20w xenon SC
FA-65-MR16-BRS	Cast Brass back box with lamp and socket	20w MR16 FL(BAB)
FA-65-NL-BRS	Cast Brass back box with socket	None, 2 x Ba15s sockets

SL-30-BAR
4w LED Panel
Solid Brass

2.75" / 70mm
4.3" / 109mm
5.2" / 132mm
2.5" / 64mm
3.25" / 83mm

SL-30

IP54

SL-30-LEDP COMMERCIAL STEP LIGHT SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or brass 1 louver step light with integrated LED panel and heat sink - no back box or mounting brackets required.

3 LENS OPTIONS:
SL-30-LEDP: Standard white acrylic; creates warm 2700K incandescent like color
SL-30-LEDP-SB: Sand Blast clear acrylic; creates soft 3000K halogen like color
SL-30-LEDP-CL: Clear acrylic; bright halogen 3000K color

GASKET: Black neosponge closed cell; .190" thickness

LIGHT SOURCE: 12v, 4w integrated LED flat panel with external driver, warm white 3000K

LIFETIME RATING: 50,000 hours

SOCKET: None

VOLTAGE RANGE: 9 to 18 volts. Optimum operating range of 10 to 15 volts for consistent performance and brightness.

WIRING: Red(+) and Black(-) 18 gauge zip cord from LED panel. Connects to external driver Red(+) and Black(-) 18 gauge zip cord.
Additional 6' 18/2 zip cord supplied for wiring external driver to main cable.
For 25 foot 16/2 fixture lead wire add **-25F** to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from LED driver to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: Two matching #8 screws and wall anchors provided

FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional finishes available

CAUTION: MUST BE POWERED BY LOW VOLTAGE AC MAGNETIC TRANSFORMER ONLY

NO BACK BOX REQUIRED

SL-30-LEDP

50,000 HOUR LED FLAT PANEL

CATALOG NO.	DESCRIPTION	LAMP
SL-30-LEDP-BLT	Cast Aluminum 1 Louver Step Light	4w Flat Panel LED
SL-30-LEDP-BRS	Cast Brass 1 Louver Step Light	4w Flat Panel LED

Lenses are all standard white acrylic; creates warm 2700K incandescent like color
Add -SB To Part #: Sand Blast clear acrylic; creates soft 3000K halogen like color
Add -CL To Part #: Clear acrylic; bright halogen 3000K color

Add -52 To Part #: 5200K Cool White Flat Panel LED

5.2"
132mm

2.00"
51mm

3.25"
83mm

SL-30-LEDP

4w, 50,000 hour LED Panel

SL-30-LEDPBLT
4w LED Panel
Aluminum

Feet	foot-candles (lux)	Meters
12	1.1 (12)	3.5
11	1.4 (15)	
10	1.9 (20)	3.0
9	2.9 (31)	
8	4.4 (47)	2.5
7	6.5 (70)	2.0
6	9.1 (98)	
5	12.7 (137)	1.5
4	19.0 (205)	1.0
3	32.6 (351)	
2	69.1 (744)	0.5
1	107.6 (1158)	

1.0 (11)
2.5 (27)
7.1 (76)
22.9 (246)
88.0 (947)

Height of fixture from floor: 1 ft. (305mm)

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Feet |
| 0 | | 0.5 | | 1.0 | | 1.5 | | 2.0 | | 2.5 | | 3.0 | 3.5 | Meters |

SL-30 Half Spread Photometrics

Feet	foot-candles (lux)	Meters
12	1.2 (13)	3.5
11	1.7 (18)	
10	2.6 (28)	3.0
9	3.2 (34)	
8	4.3 (46)	2.5
7	6.1 (66)	2.0
6	8.2 (88)	
5	10.6 (114)	1.5
4	14.8 (159)	1.0
3	23.8 (256)	
2	22.5 (242)	0.5
1	47.1 (507)	

0.9 (10)
2.1 (23)
4.5 (48)
10.6 (114)
21.9 (236)
41.2 (443)

Height of fixture from floor: 2 ft. (610mm)

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Feet |
| 0 | | 0.5 | | 1.0 | | 1.5 | | 2.0 | | 2.5 | | 3.0 | 3.5 | Meters |

SL-30 Half Spread Photometrics

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SL-31 COMMERCIAL BRICK LIGHT SERIES SPECIFICATIONS:

FACE PLATE: Cast brass (**-BRS**) or cast aluminum

BACK BOX HOUSING: White powder coated cast aluminum
        -BRS models have unfinished cast brass housing

GASKET: Black neosponge 0.190" thick closed cell

REFLECTOR: Highly polished specular aluminum

LED SUPPLIED (INCANDESCENT MODELS): 2x 3w Omni-3 LED-3 (-LED3)

(Single contact bayonet base only) 50,000 hours average rating

(MR16 MODELS) 4w ARROW MR16 (-LED) 50,000 average rating (MR16 only)

LED OPTIONS: 4w ARROW Saver LED (-LAS) 40,000 hours average rating (MR16 only)

LEGACY LAMP OPTIONS: (S-8) We recommend 10,000 hours average rating Xenon (-X) or Halogen (-H)

(MR16) 20 watt MR16 ULTRA 10,000 average rating, 20 watt MR16 TITAN 18,000 hours average rating

SOCKET (incandescent models): Single contact bayonet; brass nickel plated Ba15s with 200° C silicone lead wires
        (T10 models): High temperature ceramic medium base with 200° C silicone lead wires
        (FL models): G23 bi-pin for 5, 7 or 9 watt, with type-1 outdoor magnetic clamped core ballast

WIRING: Black 3 foot 18/2 zip cord for 12v Standard black, white, and ground, 18 gauge for 120v

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional finishes available

SL-31-LED3BLT	FA-141	Cast aluminum louvered step light	White glass
SL-31-LED3BRS	FA-141-BRS	Cast brass louvered step light	White glass

MR16 LAMPS

SL-31-MR16LED	FA-141-MR16	Cast aluminum louvered step light	Linear spread glass
SL-31-MR16LEDBRS	FA-141-MR16-BRS	Cast brass louvered step light	Linear spread glass

T10 LAMPS

Medium base 20 through 40 watt T10, 40 watt maximum, fixture supplied without lamp.

SL-31-T10-NL	FA-141	Cast aluminum 1 louver step light	White glass
SL-31-T10-NL-BRS	FA-141-BRS	Cast brass 1 louver step light	White glass

120 VOLT COMPACT FLUORESCENTS

5, 7, or 9 watt compact fluorescents, please specify at time of order.

SL-31-FL-5, 7, 9	FA-141	Cast aluminum 1 louver step light	White glass
SL-31-FL-5, 7, 9-BRS	FA-141	Cast brass 1 louver step light	White glass

BACK BOXES ONLY

Note: Specify 1/2" end holes for end feed through at the time of order.

Catalog Number	Description	Lamp and Voltage
FA-60	Cast aluminum box with lamp and socket	2 x 18w SC (12v)
FA-60-H	Cast aluminum box with lamp and socket	2 x 20w halogen (12v)
FA-60-FL	Cast aluminum box with lamp and socket	5, 7, or 9w comp. fluor. (specify wattage) (120v)
FA-60-MR16	Cast aluminum box with lamp and socket	20w MR16 FL (BAB) (12v)
FA-60-X	Cast aluminum box with lamp and socket	2 x 20w Xenon (12v)
FA-60-T7	Cast aluminum box with lamp and socket	2 x 15w T7 (120v)
FA-60-T8	Cast aluminum box with lamp and socket	2 x 25w T8 (120v)
FA-60-T10	Cast aluminum box with medium base socket	(T10, 120v option)
FA-60-BRS	Cast brass box with lamp and socket	2 x 18w SC (12v)
FA-60-BRS-H	Cast brass box with lamp and socket	2 x 20w halogen (12v)
FA-60-BRS-FL	Cast brass box with lamp and socket	5, 7, or 9w comp. fluor. (specify wattage) (120v)
FA-60-BRS-MR16	Cast brass box with lamp and socket	20w MR16 FL (BAB) (12v)
FA-60-BRS-X	Cast brass box with lamp and socket	2 x 20w Xenon (12v)
FA-60-BRS-T7	Cast brass box with lamp and socket	2 x 15w T7 (120v)
FA-60-BRS-T8	Cast brass box with lamp and socket	2 x 25w T8 (120v)
FA-60-BRS-T10	Cast brass box with medium base socket	(T10, 120v option)

SL-31-LEDP-BRS
8w LED Panel
Solid Brass

SL-31-LEDPBAR
8w LED Panel
Solid Brass

SL-31-LEDP-BAV
8w LED Panel
Solid Brass

SL-31-LED-BRS
4w MR16 LED
Solid Brass

SL-31-LED3-BAV
2x 3w Omni LED
Solid Brass

2.75" 7"
70mm 178mm

8.2"
208mm

3.25"
83mm

2.5"
64mm

SL-31

IP54
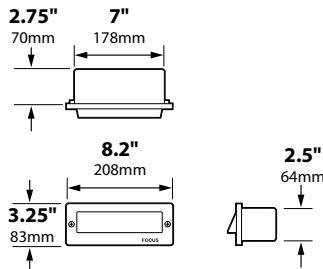
SL-31-LEDP COMMERCIAL BRICK LIGHT SERIES SPECIFICATIONS

CONSTRUCTION: Cast aluminum or brass1 louver brick light with stamped stainless steel surface mounting bracket - no back box required.

3 LENS OPTIONS:
SL-31-LEDP: Standard white acrylic; creates warm 2700K incandescent like color
SL-31-LEDP-SB: Sand Blast clear acrylic; creates soft 3000K halogen like color
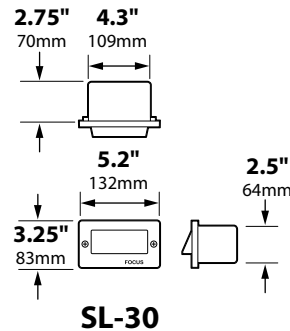SL-31-LEDP-CL: Clear acrylic; bright halogen 3000K color

GASKET: Black neosponge closed cell; .190" thickness

LIGHT SOURCE: 12v, 8w integrated LED flat panel with external driver, warm white 3000K

LIFETIME RATING: 50,000 hours

SOCKET: None

VOLTAGE RANGE: 9 to 18 volts. Optimum operating range of 10 to 15 volts for consistent performance and brightness.

WIRING: Red(+) and Black(-) 18 gauge zip cord from LED panel. Connects to external driver Red(+) and Black(-) 18 gauge zip cord.
Additional 6' 18/2 zip cord supplied for wiring external driver to main cable.
For 25 foot 16/2 fixture lead wire add **-25F** to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from LED driver to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: Stainless Steel surface mount bracket; two screws and wall anchors provided; Face plate attaches to bracket with two provided set screws

FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional finishes available

CAUTION: MUST BE POWERED BY LOW VOLTAGE AC MAGNETIC TRANSFORMER ONLY

NO BACK BOX REQUIRED

SL-31-LEDP-BRS

50,000 HOUR LED FLAT PANEL

8w, 50,000 hour LED Panel

Catalog No.	Description	Lamp
SL-31-LEDPBLT	Cast Aluminum 1 Louver Brick Light	8w Flat Panel LED
SL-31-LEDPBRS	Cast Brass 1 Louver Brick Light	8w Flat Panel LED

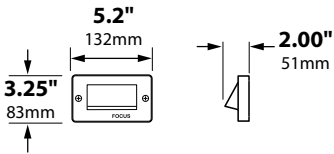Lenses are all standard white acrylic; creates warm 2700K incandescent like color
Add -SB To Part #: Sand Blast clear acrylic; creates soft 3000K halogen like color
Add -CL To Part #: Clear acrylic; bright halogen 3000K color

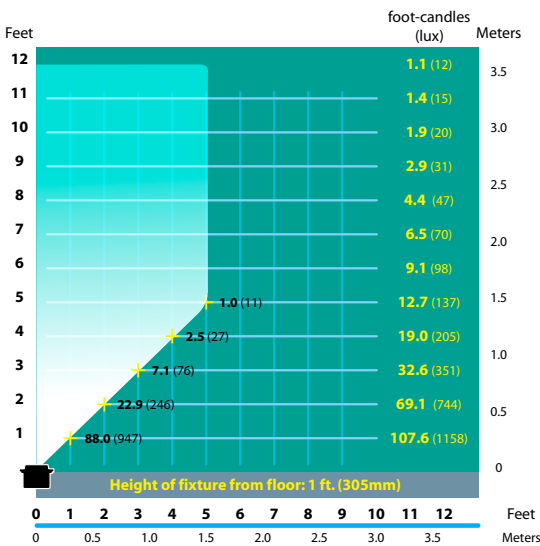Add -52 To Part #: 5200K Cool White Flat Panel LED
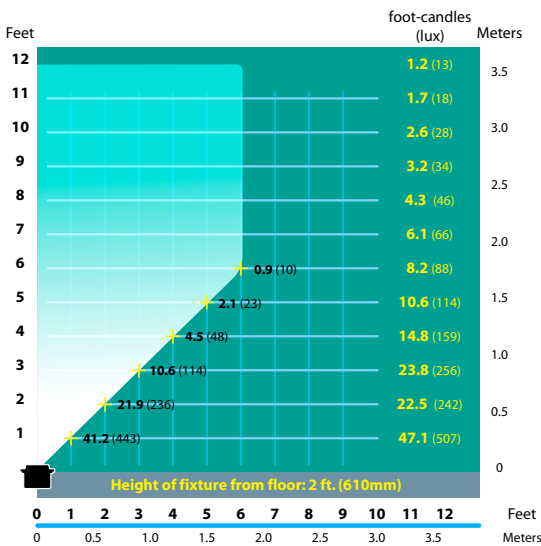
SL-31-LEDPBAR
8w LED Panel
Solid Brass

8.25" 210mm **1.75"** 44mm **3.25"** 83mm

SL-31-LEDP

Photometric Chart 1 — Height of fixture from floor: 2 ft. (610mm)

Feet		foot-candles (lux)	Meters
8		0.8 (9)	2.5
7		1.1 (12)	2.0
6		1.7 (18)	
5		2.7 (29)	1.5
4	1.1 (12)	4.2 (45)	1.0
3	2.4 (26)	7.5 (81)	
2	3.7 (40)	11.5 (124)	0.5
1	5.5 (59)	11.1 (119)	0

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Feet |
| 0 | | 0.5 | | 1.0 | | 1.5 | | 2.0 | | 2.5 | Meters |

Photometric Chart 2 — Height of fixture from floor: 1 ft. (305mm)

Feet		foot-candles (lux)	Meters
8			2.5
7		0.9 (10)	2.0
6		1.4 (15)	
5		2.1 (23)	1.5
4		3.5 (38)	1.0
3	0.3 (3)	7.1 (76)	
2	2.0 (22)	16.3 (175)	0.5
1	10.7 (115)	43.2 (465)	0

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Feet |
| 0 | | 0.5 | | 1.0 | | 1.5 | | 2.0 | | 2.5 | Meters |
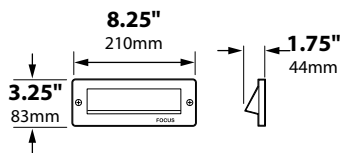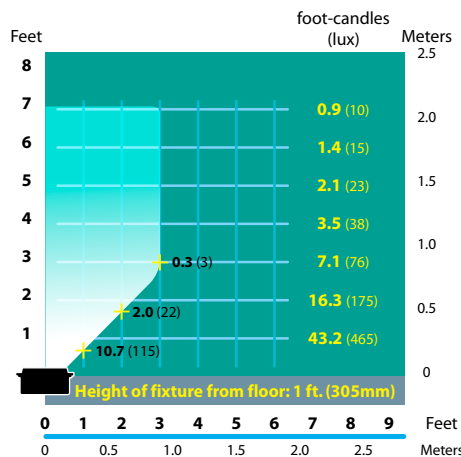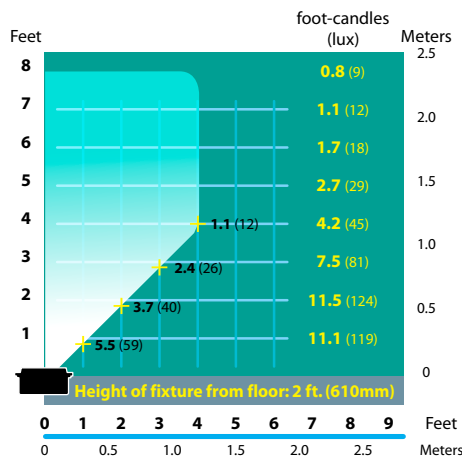
IP54

SL-24-LED-BRS
4w MR16 LED (25w max.)
Solid Brass

2" 51mm

5" 127mm

7

3.2 83mm

3" 76mm
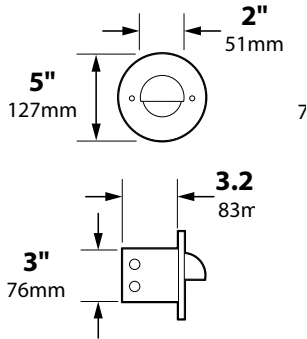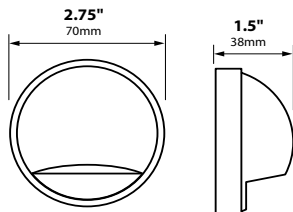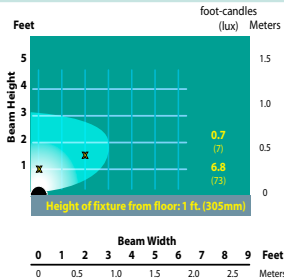
SL-24 COMMERCIAL STEP LIGHT SERIES SPECIFICATIONS:

FACE PLATE: Cast aluminum or brass eyebrow style
BACK BOX: Heavy duty stamped galvanized steel powder coated high reflective white

LENS: White high impact acrylic, linear spread glass for SL-24-MR16

GASKET: Black neosponge 0.190" thick closed cell

REFLECTOR: Highly polished specular aluminum

LED SUPPLIED–SL-24, SL-24-BRS: 3w Omni-3 LED-3 (-LED3) 50,000 hours average rating
   (S.C .bayonet base only)
   SL-24-MR16, SL-24-MR16-BRS: 4w ARROW MR16 (-LED) 50, 000 average rating
   (MR16 only)

LED OPTION–
SL-24-MR16, SL-24-MR16-BRS: 4w ARROW Saver LED (-LAS) 40,000 hours average rating (MR16 only)

LEGACY LAMP OPTIONS–SL-24, SL-24-BRS: 10,000 hours average rating Xenon (-X) or Halogen (-H) or 3w
   SL-24-MR16, SL-24-MR16-BRS: 20 watt MR16 ULTRA 10,000 hours average rating, 20 watt MR16
   TITAN 18,000 hours average rating

SOCKET: Single contact bayonet base (Ba15s)-brass nickel plated screw shell and spring (12v); bi-pin GU5.3 MR16 ceramic with 250° C lead wires (12v)

WIRING: Black 5 foot 18/2 zip cord (12v only)

CONNECTION: FA-05 Quick Connector (not suppliedfrom fixture to main cable (12/2, 10/2 or 8/2 only)

FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional finishes available

Catalog Number	Description
SL-24-LED3BLT	Cast aluminum step eyebrow
SL-24-LED3BRS	Cast brass step eyebrow
SL-24-MR16LEDBLT	Cast aluminum step eyebrow
SL-24-MR16LEDBRS	Cast brass step eyebrow

IP54

Height of fixture from floor: 1 ft. (305mm)

Feet	foot-candles (lux)	Meters
5		1.5
4	0.5 (5)	1.0
3	2.1 (23)	
2	0.5 (S) 7.0 (75)	0.5
1	3.3 (36) 21.3 (229)	0

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Feet |
| 0 | | 0.5 | | 1.0 | | 1.5 | | 2.0 | | 2.5 | Meters |

Height of fixture from floor: 2 ft. (610mm)

Feet	foot-candles (lux)	Meters
5		1.5
4	0.8 (9)	1.0
3	2.3 (25)	
2	0.3 (3) 4.6 (50)	0.5
1	1.0 (11) 5.6 (60)	0

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Feet |
| 0 | | 0.5 | | 1.0 | | 1.5 | | 2.0 | | 2.5 | Meters |

SL-07SM-LEDMSS
3w LED Module
Stainless Steel

Feet	foot-candles (lux)	Meters
5		1.5
4		
3		1.0
2	0.7 (7)	0.5
1	6.8 (73)	0

Height of fixture from floor: 1 ft. (305mm)

Beam Height

Beam Width

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Feet |
| 0 | | 0.5 | | 1.0 | | 1.5 | | 2.0 | | 2.5 | Meters |

SL-07-SM SERIES SURFACE DOME STEP LIGHT SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, brass or stainless steel small "Hockey Puck" style surface light

LENS: Sand blasted tempered flat glass

LED SUPPLIED: 3w LED Module (no socket) equal to 20w Halogen, 2800K-3000K; 50,000 hours average rating (20w max.)

LAMP OPTIONS: 5w T3 bi-pin Xenon; 10,000 hours average rating (5w max)

SOCKET: GZ4 bi-pin with 250° C silicone lead wires (5 watt Xenon models only)

WIRING: Black 5 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v Standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: Back plate and hardware supplied

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available
Stainless Steel - Brushed stainless stell

Catalog No.	Description	Lamp
SL-07-SM-LEDM-BLT	Cast Aluminum Small Surface Light	3w LED module
SL-07-SM-LEDM-BRS	Cast Brass Small Surface Light	3w LED module
SL-07-SM-LEDM-SS	Cast Stainless Steel Small Surface Light	3w LED module

2.75" 70mm

1.5" 38mm

50,000 HOUR LED MODULE

IP54

Intertek

SL-07-LED3-CAM
3w Omni-3 LED
Cast Aluminum

foot-candles (lux)

Feet		Meters
5		1.5
4	0.7 (8)	1.0
3	1.5 (16)	
2	0.4 (4) · 3.9 (42)	0.5
1	1.6 (17) · 14.4 (155)	0

Height of fixture from floor: 1 ft. (305mm)

0 1 2 3 4 5 6 7 8 9	Feet
0 0.5 1.0 1.5 2.0 2.5	Meters

SL-07 SERIES SURFACE DOME STEP LIGHT SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, cast brass or 316 Stainless Steel "Hockey Puck" style

LENS: Sand blasted tempered flat glass

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED bi-pin
LED SUPPLIED -MR8 MODELS: 1.5w MR8 LED; 25,000 hours average rating

LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H)
LEGACY LAMP OPTIONS -MR8 MODELS: 20w MR8 FL; 2000 hours average rating (20w max)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v; both with 200°C silicone lead wires

SOCKET -MR8 MODELS: High temp ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black 5 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v Standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: Back plate and hardware supplied

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available
Stainless Steel - Brushed
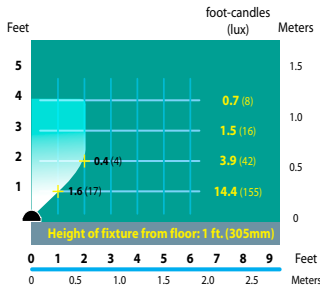
Catalog No.	Description
SL-07-LED-BLT	Cast Aluminum Surface Light
SL-07-LED-BRS	Cast Brass Surface Light
SL-07-LED-SS	316 Stainless Steel Surface Light
SL-07-MR8LED-BLT	Cast Aluminum Surface Light
SL-07-MR8LED-BRS	Cast Brass Surface Light
SL-07-MR8LED-SS	316 Stainless Steel Surface Light

50,000 HOUR LED MODULE

3.75" 95mm

2" 51mm

IP54
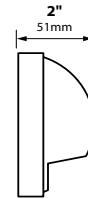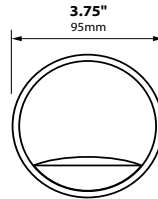
SL-18-LEDSBAR
2w LED Strip
Solid Brass

foot-candles (lux)

Feet		Meters
6		2.0
5	0.8 (9)	1.5
4	1.5 (16)	
3	3.5 (38)	1.0
2	0.7 (8) · 22.1 (238)	0.5
1	16.4 (177) · 118 (1270)	0

Height of fixture from floor: 1 ft. (305mm)

0 1 2 3 4 5 6 7 8 9	Feet
0 0.5 1.0 1.5 2.0 2.5	Meters

SL-18 SERIES SURFACE STEP/ DECK LIGHT SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or cast brass one piece construction, (no back plate)

LENS: None

LED SUPPLIED: 2w 40,000 hour LED Strip (-LEDS)
LED OPTIONS: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H), 120v: 15w T7 or 25w T8

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
120v Standard wiring

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: None required

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

Catalog Number	Description
SL-18-LEDSBLT	Surface Step Deck Light
SL-18-LEDSBRS	Surface Step Deck Light

3.5" 89mm

2.25" 57mm

2.5" 64mm
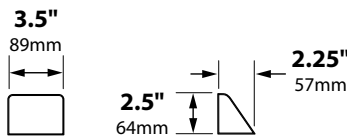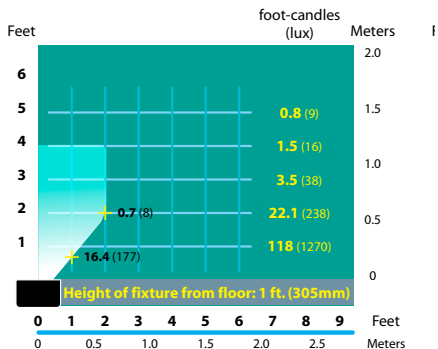
SL-18-LEDS
2w LED Strip
40,000 Hours

IP54

40,000 HOUR LED STRIP

CE

ETL Intertek

113

SL-35-LED3BRS
3w Omni LED
Solid Brass
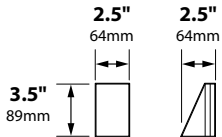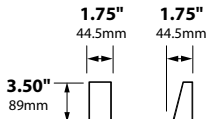
2.5"
64mm

2.5"
64mm

3.5"
89mm

SL-35

1.75"
44.5mm

1.75"
44.5mm

3.50"
89mm

SL-35-SM

SL-35- SERIES SURFACE STEP LIGHT SPECIFICATIONS

CONSTRUCTION: Stamped brass or copper with matching mounting plate. Small model (SL-35-SM-BRS) available in brass only.

LENS: None

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s)

WIRING: Black 5 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only

MOUNTING: Surface mounting plate with hardware included

FINISH: Unfinished. Optional finishes available

IP54

CATALOG NO.	DESCRIPTION
SL-35-LED3BRS	Brass Surface Step Light
SL-35-LED3COP	Copper Surface Step Light
SL-35SM-LED3BRS	Small Brass Surface Step Light

OMNI-3 LED
LEDS by CREE LED
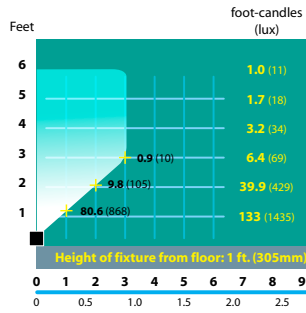
SL-35 Half Spread Photometrics
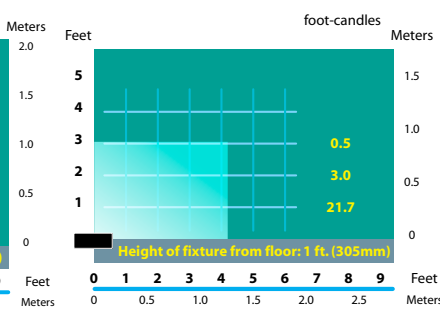
SL-42 & 43 Half Spread Photometrics

SL-42 LEDGE LIGHT / SL-43 RAIL LIGHT SPECIFICATIONS:

CONSTRUCTION:
FACE PLATE: Stamped aluminum, brass, copper or stainless steel
MOUNTING PLATE: Stamped aluminum powder coated high reflective white
(stainless steel mounting plate available. Consult factory for price and availability)

LENS: None. See ordering information below for optional lens kits and color lenses. *Lenses can not be used with OMNI-3 LED or other S.C. base lamps.*

GASKET: None

LED SUPPLIED: 2w 40,000 hour LED Strip (-LEDS)

LED OPTIONS: 3w 50,000 hours average rating OMNI-3-BP LED (-LED3) or

LEGACY LAMP OPTIONS: 10w G-4 bi-pin T9 Xenon; 10,000 hours average rating (10w max.)

SOCKET: High temperature ceramic GZ4 bi-pin with 250° C silicone lead wires; no socket on (-LEDS) models

WIRING: Black 3 foot 18/2 zip cord (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available
Copper - Unfinished. Optional finishes available
Stainless Steel - Brushed

IP68

40,000 HOUR
LED STRIP

CATALOG NO.	DESCRIPTION
SL-42-LEDS-BLT	Stamped Aluminum Ledge Light
SL-42-LEDS-BRS	Stamped Brass Ledge Light
SL-42-LEDS-COP	Stamped Copper Ledge Light
SL-42-LEDS-SS	Stamped Stainless Steel Ledge Light
SL-43-LEDS-BLT	Stamped Aluminum Rail Light
SL-43-LEDS-BRS	Stamped Brass Rail Light
SL-43-LEDS-COP	Stamped Copper Rail Light
SL-43-LEDS-SS	Stamped Stainless Steel Rail Light

SL-42-LEDSRST
2W LED Strip
Stamped Aluminum

SL-43LEDS-COP
2w LED Strip
Stamped Copper

5"
1"

SL-42
3"

5"
1"
1.5"

SL-43

CE ETL Intertek
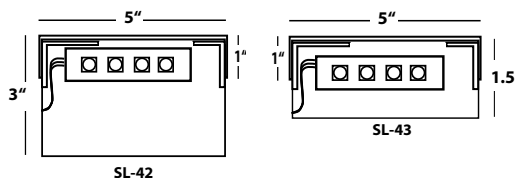
SL-42-SM-BRS
2w Flat Panel LED
Stamped Brass

SL-42-SM-LEDS & SL-43-SM-LEDS LEDGE/RAIL LIGHT SPECIFICATIONS:

CONSTRUCTION:
FACE PLATE: Stamped aluminum, brass, copper or stainless steel
MOUNTING PLATE: Stainless Steel

LENS: Clear acrlyic

LED SUPPLIED: 2w LED strip

LIFETIME RATING: 40,000 hours

SOCKET: None

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available
Copper - Unfinished. Optional finishes available
Stainless Steel - Brushed

40,000 HOUR LED STRIP

CATALOG NO.	DESCRIPTION
SL-42-SM-LEDSBLT	Stamped Aluminum Ledge Light
SL-42-SM-LEDSBRS	Stamped Brass Ledge Light
SL-42-SM-LEDSCOP	Stamped Copper Ledge Light
SL-42-SM-LEDSSS	Stamped Stainless Steel Ledge Light
SL-43-SM-LEDSBLT	Stamped Aluminum Rail Light
SL-43-SM-LEDSBRS	Stamped Brass Rail Light
SL-43-SM-LEDCOP	Stamped Copper Rail Light
SL-43-SM-LEDSSS	Stamped Stainless Steel Rail Light

CE ETL Intertek IP68

SL-42SM-LEDS 2" 51mm

SL-43SM-LEDS .75" 19mm
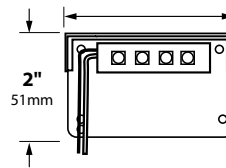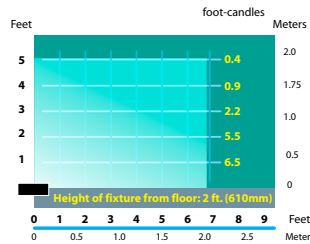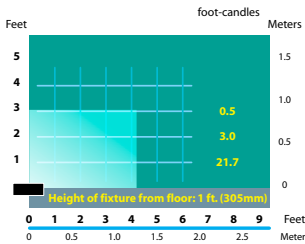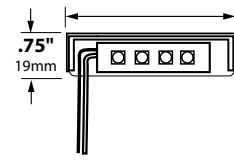
SL-42-LG-BRS
4w LED Strip
Stamped Brass

SL-42-LG-LEDS & SL-43-LG-LEDS LEDGE/RAIL LIGHT SPECIFICATIONS:

CONSTRUCTION:
Aluminum, brass, copper or stainless steel

LENS: None; LED Strip is sealed and water tight

LIGHT SOURCE: 4w integrated LED Strip; warm white 3000K

LIFETIME RATING: 40,000 hours

SOCKET: None

WIRING: Black 3 foot 18/2 zip cord (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number..

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available
Copper - Unfinished. Optional finishes available
Stainless Steel - Brushed

40,000 HOUR LED STRIP

IP68 CE ETL Intertek

CATALOG NO.	DESCRIPTION
SL-42-LG-LEDSBLT	Stamped Aluminum Ledge Light
SL-42-LG-LEDSBRS	Stamped Brass Ledge Light
SL-42-LG-LEDSCSOP	Stamped Copper Ledge Light
SL-42-LG-LEDSSS	Stamped Stainless Steel Ledge Light

CATALOG NO.	DESCRIPTION
SL-43-LG-LEDSBLT	Stamped Aluminum Rail Light
SL-43-LG-LEDSBRS	Stamped Brass Rail Light
SL-43-LG-LEDSCOP	Stamped Copper Rail Light
SL-43-LG-LEDSSS	Stamped Stainless Steel Rail Light

13mm 51mm 13.00" 330mm SL-42LG-LEDS

.5" 13mm .75" 19mm 13.00" 330mm .75" 19mm SL-43LG-LEDS

115
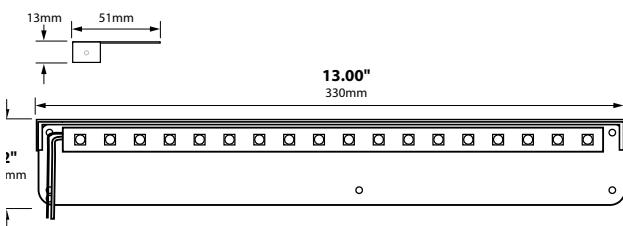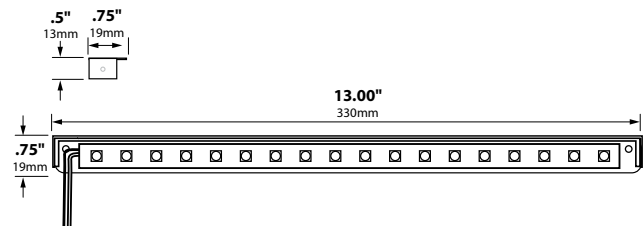
FLAT PANEL LED's • RETROFIT KITS

Simply Insert The Kit Directly Into Any Existing Back Box
3000K Standard/5200K Optional

FOCUS LED PANELS ARE **UL 8750** LISTED

4w & 8w LED RETROFIT KIT SPECIFICATIONS:

LIGHT SOURCE 4w: 4w Flat Panel LED / 350 Lumens (25w replacement)

LIGHT SOURCE 8w: 8w Flat Panel LED / 630 Lumens (50w replacement)

LIFETIME RATING: 50,000 hours

SOCKET: None

4w ASSEMBLY & DRIVER OPTIONS: 12v: FA-LEDP-412S / **120v:** FA-LEDP-4120S / **277v:** FA-LEDP-4277S

8w ASSEMBLY & DRIVER OPTIONS: 12v: FA-LEDP-812B / **120v:** FA-LEDP-8120B / **277v:** FA-LEDP-8277B

MINIMUM INSIDE DIMENSIONS 4w: 4" (w) x 2" (h) x 2.5 " (d)

MINIMUM INSIDE DIMENSIONS 8w: 6.25" (w) x 2" (h) x 2.5 " (d)

FOR USE WITH MAGNETIC TRANSFORMERS ONLY.
MUST BE INSTALLED IN A SEALED FIXTURE
CUSTOM BRACKETS AVAILABLE TO FIT LARGER BACK BOXES

5200˚K COOL WHITE AVAILABLE. ADD -52 TO PART #

GO**GREEN**

3.75"

1.75"

4w

6"

1.75"

8w
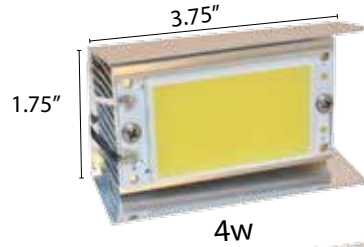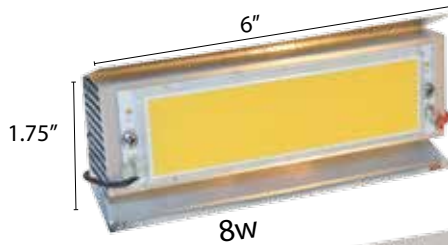
4w

8w

CATALOG NO.	DESCRIPTION
FA-LEDP-5128	5w LED Panel, 3000k, 12v driver, reflector assembly
FA-LEDP-8128	8w LED Panel, 3000k, 12v driver, reflector assembly
FA-LEDP-4128	4w LED Panel, 3000k, 12v driver, reflector assembly

For 120v add 120 to part number
For 277 add 277 to part number
For 5200K cool white add 52 to part number

UNDER PRESSURE !
VEHICULAR PRESSURE RATING:
8800 LBS

SL-44/SL-44-66/SL-44-69
2w LED Strip
Stamped Aluminum

40,000 HOUR LED STRIP

2w LED Strip

SL-44-PAVER LIGHT/ SL-44-66/ SL-44-69-PAVER LIGHT SPECIFICATIONS:

CONSTRUCTION:
FACE PLATE: Heavy duty .063 stamped aluminum, brass, copper or stainless steel
BACK BOX: Heavy duty .090 stamped aluminum powder coated high reflective white

LENS: High impact .175 thickness white acrylic; optional color inserts available

GASKET: None

LED SUPPLIED: 2w 40,000 hour LED strip (-LEDS) 2x 2w 40,000 hour LED strip (-LEDS) fo 44-69 model

LEGACY LAMP OPTIONS: 5w G4 bi-pin T9 Xenon; 10,000 hours average rating

SOCKET: GU 5.3 bi-pin, ceramic contacts

WIRING: 8" 250C silicone lead wires

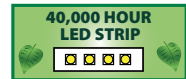**CONNECTION:** Approved gel filled wire nuts (supplied by others)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available
Copper - Unfinished. Optional finishes available
Stainless Steel - Brushed

VEHICULAR PRESSURE RATING: 8800 lbs

CATALOG NO.	DESCRIPTION
SL-44-LEDSBLT	4" x 8" Paver Light, Aluminum Plate
SL-44-LEDSBRS	4" x 8" Paver Light, Brass Plate
SL-44-LEDSCOP	4" x 8" Paver Light, Copper Plate
SL-44-LEDSSS	4" x 8" Paver Light, Stainless Plate.
SL-44-66LEDSBLT	6" x 6" Paver Light, Aluminum Plate
SL-44-66LEDSBRS	6" x 6" Paver Light, Brass Plate
SL-44-66LEDSCOP	6" x 6" Paver Light, Copper Plates.
SL-44-66-SS	6" x 6" Paver Light, Stainless Plate
SL-44-69LEDSBLT	6" x 9" Paver Light, Aluminum Plate
SL-44-69LEDSBRS	6" x 9" Paver Light, Brass Plate
SL-44-69LEDSCOP	6" x 9" Paver Light, Copper Plates.
SL-44-69LEDSSS	6" x 9" Paver Light, Stainless Plate

RECOMMENDED ENHANCEMENTS:

FA-35-SL44-BLUE	Blue (.125) High impact acrylic lens
FA-35-SL44-GREEN	Green (.125) High impact acrylic lens
FA-35-SL44-ORANGE	Orange (.125) High impact acrylic lens
FA-35-SL44-RED	Red (.125) High impact acrylic lens

For 6x6 models add 66 to part number eg: FA-35-SL4466-BLUE
For 6x9 models add 69 to part number eg: FA-35-SL4469-BLUE

8"
203mm

3.875"
95.25mm

SL-44

6"
152mm

6"
152mm

2.25"
57mm

SL-44-66

9"
229mm

6"
152mm

SL-44-69

IP68

117
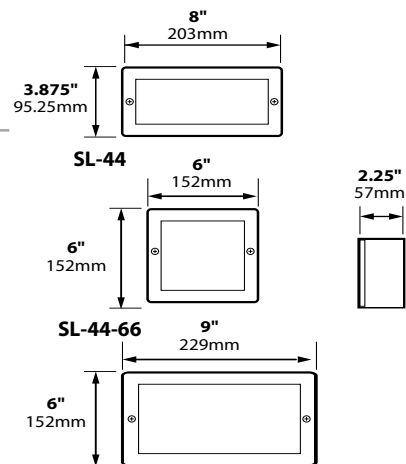
SL-50-LEDPRST
5w Flat Panel LED
Cast Aluminum

7.25"
184mm

2.00"
51mm

FOCUS

1.125"
30mm

.875"
22mm

50,000 HOUR LED FLAT PANEL
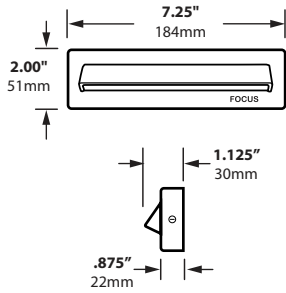
SL-50 LEDP SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or brass 1 louver brick light with stamped stainless steel surface mounting bracket - no back box required.

3 LENS OPTIONS:
SL-50-LEDP: Standard white acrylic; creates warm 2700K incandescent like color
SL-50-LEDP-SB: Sand Blast clear acrylic; creates soft 3000K halogen like color
SL-50-LEDP-CL: Clear acrylic; bright halogen 3000K color

GASKET: Black neosponge closed cell; .190" thickness

LIGHT SOURCE: 12v, 5w integrated flat panel LED with driver, warm white 3000K

LIFETIME RATING: 50,000 hours

DRIVER: 4w output, 12v AC input. Maximum distance from fixture is 18 feet.
For use with magnetic transformers only

VOLTAGE RANGE: 9 to 18 volts. Optimum operating range of 10 to 15 volts for consistent performance and brightness.

WIRING: Red(+) and Black(-) 18 gauge zip cord from LED panel. Connects to external driver Red(+) and Black(-) 18 gauge zip cord.
Additional 6' 18/2 zip cord supplied for wiring external driver to main cable.
For 25 foot 16/2 fixture lead wire add **-25F** to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from LED driver to main cable
(12/2, 10/2 or 8/2 only)

MOUNTING: Stainless Steel surface mount bracket; two screws and wall anchors provided;
Face plate attaches to bracket with two provided set screws

FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional finishes available
CAUTION: MUST BE POWERED BY LOW VOLTAGE AC MAGNETIC TRANSFORMER ONLY

CATALOG NO.	DESCRIPTION
SL-50-LEDP-BLT	Cast Aluminum 1 Louver Flat Panel LED Brick Light, Standard White Lens
SL-50-LEDPSB-BLT	Cast Aluminum 1 Louver Flat Panel LED Brick Light, Sand Blast Lens
SL-50-LEDPCL-BLT	Cast Aluminum 1 Louver Flat Panel LED Brick Light, Clear Lens
SL-50-LEDP-BRS	Cast Brass 1 Louver Flat Panel LED Brick Light, Standard White Lens
SL-50-LEDPSB-BRS	Cast Brass 1 Louver Flat Panel LED Brick Light, Sand Blast Lens
SL-50-LEDPCL-BRS	Cast Brass 1 Louver Flat Panel LED Brick Light, Clear Lens

IP54 ETL Intertek CE

Surface and Directional Lights – 12 volt/120 volt

SL-09-ALR12-COP
ALR12 Lamp (20w max.)
Solid Copper

SL-10-ALR18-COP
ALR18 Lamp (50w max.)
Solid Copper
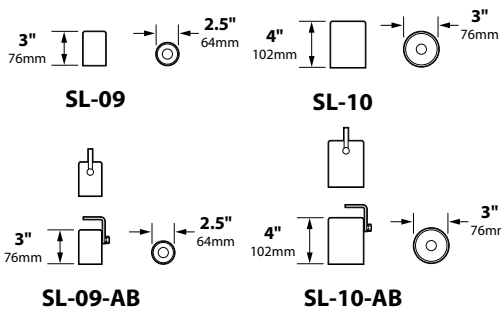
SL-09-AB-ALR12-COP
ALR12 Lamp (20w max.)
Solid Copper

SL-10-AB-ALR18-COP
ALR18 Lamp (50w max.)
Solid Copper

120

SL-09 SERIES, SL-10 SERIES SPECIFICATIONS:

CONSTRUCTION: Mini down lights, easily adjustable aiming bracket on **-AB** models.
LENS: None
SOCKET: Single contact bayonet; (Ba15s) brass nickel plated screw shell and spring; ceramic contact with 200° silicone lead wires (For #1141 lamp) or double contact bayonet, (Ba15d) brass nickel plated screw shell and spring; ceramic contact with 200° silicone lead wires (For ALR12, ALR18 lamps)
LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H)
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
FINISH: Aluminum - Black texture polyester powder coat.
Brass and Copper - Unfinished. Optional finishes available

Catalog Number	Description

OMNI-3 LED FIXTURES The following fixtures are equipped with 3w Omni LED, 50,000 hours average rating

SL-09-LED3BLT	Spun aluminum mini down light
SL-09-LED3BRS	Spun brass mini down light
SL-09-LED3COP	Spun copper mini down light
SL-09-AB-LED3BLT	Spun aluminum mini down light with aiming bracket
SL-09-AB-LED3BRS	Spun brass mini down light with aiming bracket
SL-09-AB-LED3COP	Spun copper mini down light with aiming bracket

ALR12 FIXTURES
The following fixtures are equipped with 20 watt ALR12 FL lamp, double contact base, 20 watt maximum. SL-09-
Following ALR12 fixtures are also available with 6° narrow spot & 18° medium spot 4000+ hours average rating.

SL-09-ALR12	Spun aluminum mini down light)
SL-09-ALR12-BRS	Spun brass mini down light
SL-09-ALR12-COP	Spun copper mini down light
SL-09-AB-ALR12	Spun aluminum mini down light with aiming bracket
SL-09-AB-ALR12-BRS	Spun brass mini down light with aiming bracket
SL-09-AB-ALR12-COP	Spun copper mini down light with aiming bracket
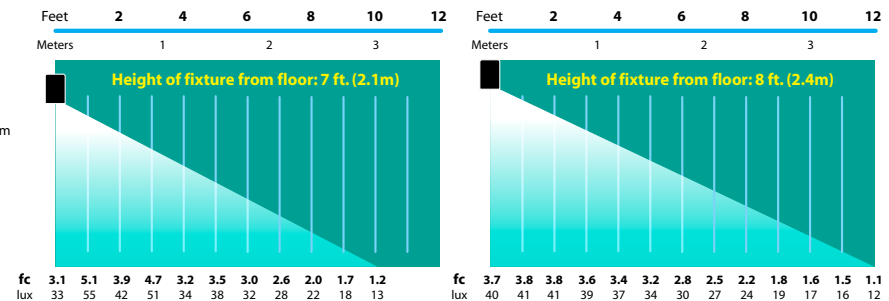
3mni LEDs by CREE LED

SL-09   3" 76mm   2.5" 64mm   4" 102mm   3" 76mm   **SL-10**

SL-09-AB   3" 76mm   2.5" 64mm   4" 102mm   3" 76mm   **SL-10-AB**

Feet	2	4	6	8	10	12
Meters		1		2		3

Height of fixture from floor: 7 ft. (2.1m)

fc	3.1	5.1	3.9	4.7	3.2	3.5	3.0	2.6	2.0	1.7	1.2
lux	33	55	42	51	34	38	32	28	22	18	13

SL-09
Half Spread Photometrics
20 ft. (6.0m) diameter

Feet	2	4	6	8	10	12
Meters		1		2		3

Height of fixture from floor: 8 ft. (2.4m)

fc	3.7	3.8	3.8	3.6	3.4	3.2	2.8	2.5	2.2	1.8	1.6	1.5	1.1
lux	40	41	41	39	37	34	30	27	24	19	17	16	12

SL-09
Half Spread Photometrics
24 ft. (7.2m) diameter

Catalog Number	Description	Lamp Supplied

ALR18 FIXTURES
The following fixtures are equipped with 50 watt ALR18 FL lamp, double contact base, 50 watt maximum. SL-10-ALR18 is available in 2-beam spreads: narrow spot 18° and flood 32° 4000+ hours average rating.

SL-10-ALR18-BLT	Aluminum mini down light	50w ALR18 FL(25°)
SL-10-ALR18-BRS	Brass fixture mini down light	50w ALR18 FL(25°)
SL-10-ALR18-COP	Copper fixture mini down light	50w ALR18 FL(25°)
SL-10-AB-ALR18-BLT	Aluminum mini down light w/ aiming bracket	50w ALR18 FL(25°)
SL-10-AB-ALR18-BRS	Brass fixture mini down light w/ aiming bracket	50w ALR18 FL(25°)
SL-10-AB-ALR18-COP	Copper fixture mini down light w/aiming bracket	50w ALR18 FL(25°)
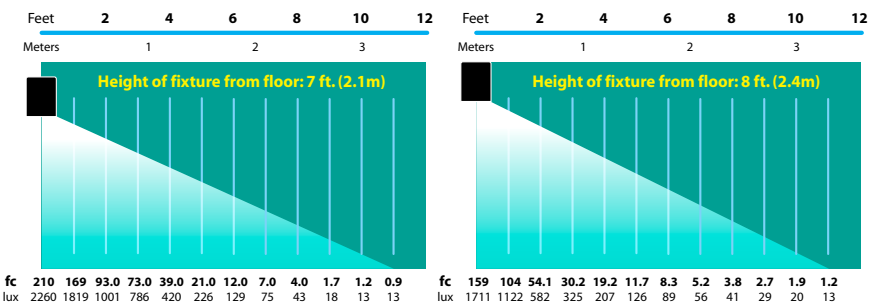
Feet	2	4	6	8	10	12
Meters		1		2		3

Height of fixture from floor: 7 ft. (2.1m)

fc	210	169	93.0	73.0	39.0	21.0	12.0	7.0	4.0	1.7	1.2	0.9
lux	2260	1819	1001	786	420	226	129	75	43	18	13	13

SL-10 with ALR-18
Half Spread Photometrics
22 ft. (6.6m) diameter

Feet	2	4	6	8	10	12
Meters		1		2		3

Height of fixture from floor: 8 ft. (2.4m)

fc	159	104	54.1	30.2	19.2	11.7	8.3	5.2	3.8	2.7	1.9	1.2
lux	1711	1122	582	325	207	126	89	56	41	29	20	13

SL-10 with ALR-18
Half Spread Photometrics
22 ft. (6.6m) diameter

CE   ETL c LISTED us   Intertek

SL-25-LED-BRS
4w MR16 LED (20w max.)
Solid Brass

2.25" 57mm
4.75" 121mm
2.5" 64mm
3" 76mm

SL-25

2.25" 57mm
4.25" 108mm
2" 51mm
2.5" 64mm
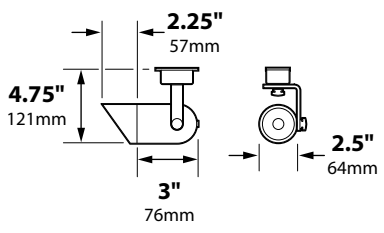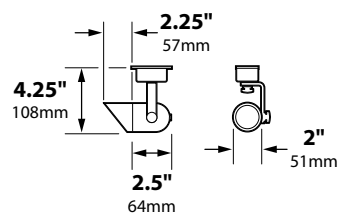
SL-26

SL-26-LED-BRS
2w MR11 LED (20w max.)
Solid Brass

SL-25 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, stainless steel or brass directional bullet; matching stamped aluminum, stainless steel or brass FA-111-SM J-box and adjustable aiming bracket

LENS: High impact clear tempered convex glass

O-RING: High temperature red silicone

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-111-SM surface mount J-box

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available Brass-Unfinished brass. Stainless Steel - Machined finish. Optional finishes available.

SL-26 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum, stainless steel or brass directional Bullet; matching stamped aluminum, stainless steel or brass FA-111-SM J-box and adjustable aiming bracket

LENS: High impact clear tempered convex glass

O-RING: High temperature red silicone

LED SUPPLIED: 2w MR11ARROW LED 50,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR11 ULTRA10,000 hours average rating;

SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires;
Double contact bayonet, brass nickel plated lamp socket screw shell (Ba15d) for ALR12 lamp

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-111-SM surface mount J-box

FINISH: Aluminum-Black texture polyester powder coat.
Brass-Unfinished brass. Stainless Steel - Machined finish. Optional finishes available

C E   ETL Intertek

IP52

CATALOG NO.	DESCRIPTION	
SL-25-LEDBLT	Cast Aluminum Surface Mount Bullet with Aiming Bracket and J-Box	)
SL-25-LEDBRS	Cast Brass Surface Mount Bullet with Aiming Bracket and J-Box	
SL-25-LEDSS	Stainless Steel Surface Mount Bullet with Aiming Bracket and J-Box	)
SL-26-LEDBLT	Cast Aluminum Surface Mount Bullet with Aiming Bracket and J-Box	
SL-26-LEDBRS	Cast Brass Surface Mount Bullet with Aiming Bracket and J-Box	
SL-26-LEDSS	Cast Stainless Steel Surface Mount Bullet with Aiming Bracket and J-Box	

RECOMMENDED ENHANCEMENTS FOR SL-25/-26 SERIES:

12v Lamp Options: See pages 143-144 group E, MR16

FA-08-21	Round 1/8"Hex Cell Louver
FA-11-BLUE	Blue Tempered Glass Lens
FA-11-GREEN	Green Tempered Glass Lens
FA-98	Linear Spread Tempered Glass Lens
FA-99	Convex Tempered Glass Lens
FA-104	Wide Spread Tempered Glass Lens Softener

Arrow LED
LEDS by CREE

Feet	3	6	9	12	
Meters	1	2	3	4	Beam Width (ft.) (m)
20w 36° angle	2.0 0.59	3.9 1.18	5.8 1.77	7.8 2.37	
	50.7 546	12.7 137	5.7 61	3.2 35	foot-candles (lux)

20w MR16 FL (BAB)
SL-25,

Feet	3	6	9	12	
Meters	1	2	3	4	Beam Width (ft.) (m)
20w 30° angle	1.6 0.47	3.1 0.94	4.7 1.41	6.3 1.88	
	667 7176	167 1794	74.1 797	41.7 448	foot-candles (lux)

20w MR11 FL (FTD)
SL-26,

Feet	3	6	9	12	15	18	
Meters	1	2	3	4	5		Beam Width (ft.) (m)
20w 25° angle	1.3 0.39	2.6 0.79	3.9 1.18	5.2 1.57	6.5 1.96	7.9 2.36	
	100 1076	25.0 269	11.1 120	6.3 67	4.0 43	2.8 30	foot-candles (lux)

20w ALR12 FL (GBF)
SL-26-ALR12,

121

SL-27-BRS
ALR12 FL (GBF) Lamp (20w max.)
Solid Brass

SL-28-COP
ALR18 FL (GBK) Lamp (50w max.)
Solid Brass

SL-27-BRS & SL-28-BRS
ALR12 FL • ALR18 FL
Solid Brass

SL-27 SERIES, SL-28 SERIES SPECIFICATIONS:

CONSTRUCTION: Heavy-duty spun aluminum, brass, or copper mini down lights, adjustable aiming bracket
LAMP SUPPLIED: 20 watt ALR12 FL (GBF) lamp (20 watt maximum); 4000 hours average rating
LENS: None
SOCKET: Double contact bayonet, Ba15d brass nickel plated screw shell and spring; ceramic contact
WIRING: Black 3 foot 18/2 zip cord. For 25 foot 16/2 fixture lead wire add -25F to catalog number.
MOUNT: FA-111-SM surface mount
FINISH: Aluminum - Black texture polyester powder coat.
Brass and Copper - Unfinished. Optional finishes available

Catalog Number	Description

ALR12 FIXTURES

The following fixtures are equipped with 20 watt ALR12 FL (GBF) lamp, double contact base, 20 watt maximum. 4000 hours average rating.

SL-27-BLT	Spun aluminum adjustable surface light
SL-27-BRS	Spun brass fixture adjustable surface light
SL-27-COP	Spun copper fixture adjustable surface light

RECOMMENDED ENHANCEMENTS FOR SL-27 SERIES:
12v Lamp Options: See page 145 group J
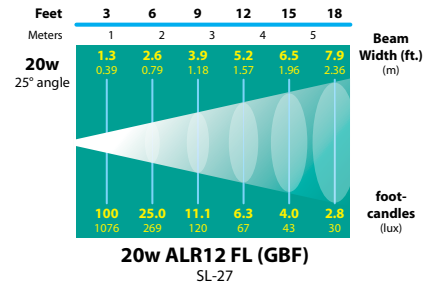
2"
51mm
3"
76mm

SL-27

Feet	3	6	9	12	15	18	
Meters	1	2	3	4	5		Beam Width (ft.) (m)
20w 25° angle	1.3 0.39	2.6 0.79	3.9 1.18	5.2 1.57	6.5 1.96	7.9 2.36	
	100 1076	25.0 269	11.1 120	6.3 67	4.0 43	2.8 30	foot-candles (lux)

20w ALR12 FL (GBF)
SL-27

Catalog Number	Description

ALR18 FIXTURES

The following fixtures are equipped with 50 watt ALR18 FL (GBK) lamp, double contact base, 50 watt maximum. 4000 hours average rating.

SL-28-BLT	Spun aluminum adjustable surface light
SL-28-BRS	Spun brass fixture adjustable surface light
SL-28-COP	Spun copper fixture adjustable surface light

RECOMMENDED ENHANCEMENTS FOR SL-28 SERIES:
12v Lamp Options: See page 145 groups J, K

4"
102mm
3"
76mm

SL-28

Feet	3	6	9	12	15	18	
Meters	1	2	3	4	5		Beam Width (ft.) (m)
50w 25° angle	1.3 0.39	2.6 0.79	3.9 1.18	5.2 1.57	6.5 1.96	7.9 2.36	
	278 2990	69.4 747	30.9 332	17.4 187	11.1 120	7.7 83	foot-candles (lux)
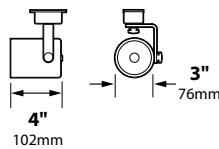
50w ALR18 FL (GBK)
SL-28
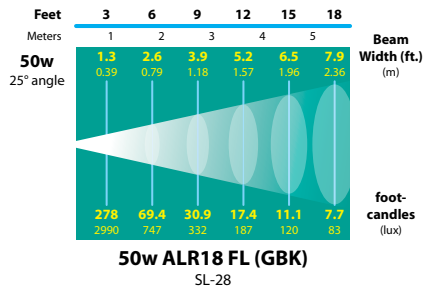
SL-37-MR8LED-COP	SL-37-MR11LED-COP	SL-37-MR16LED-COP
1.5w MR8 LED (20w max.)	2w MR11 LED (20w max.)	4w MR16 LED (20w max.)
Solid Copper	Solid Copper	Solid Copper

SL-37-MR8 SPECIFICATIONS:

CONSTRUCTION: Extruded copper tubing (0.040" thick)
LENS HOLDER: Extruded copper tubing (0.050" thick)
LENS: Clear tempered flat glass s
SOCKET: GZ4 base, bi-pin, ceramic with 250°C wires
LED SUPPLIED: 1.5w ARROW MR8 LED,
25,000 hours average rating
LEGACY LAMP OPTIONS: 20 watt MR8 (20w max.)
2000 hours average rating
WIRING: Black 5 ft. 18/2 zip cord from base of fixture
CONNECTION: FA-05 Quick Connector (not supplied)
from main 12/2, 10/2 or 8/2 cable (12 volt only)
FINISH: Unfinished copper. Optional finishes available

SL-37 MR11 SPECIFICATIONS:

CONSTRUCTION: Extruded copper tubing (0.040" thick)
LENS HOLDER: Extruded copper tubing (0.050" thick)
LENS: Clear tempered flat glass s
SOCKET: GZ4 base, bi-pin, ceramic with 250°C wires
LED SUPPLIED: 2w ARROW MR11 LED, 50,000 hours
average rating
LEGACY LAMP OPTIONS: ULTRA: 20w MR11 (20w max.)
10,000 hours average rating
WIRING: Black 5 ft. 18/2 zip cord from base of fixture
CONNECTION: FA-05 Quick Connector (not supplied)
from main 12/2, 10/2 or 8/2 cable (12 volt only)
FINISH: Unfinished copper. Optional finishes available

SL-37 MR16 SERIES SPECIFICATIONS:

CONSTRUCTION: Extruded copper tubing (0.040" thick)
LENS HOLDER: Extruded copper tubing (0.050" thick)
LENS: Clear tempered flat glass
SOCKET: GU5.3 base bi-pin, ceramic with 250°C wires
LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating
LEGACY LAMP OPTIONS: 20w MR16 ULTRA10, 000 hours
average rating;
20w MR16 TITAN 18, 000 hours average rating
WIRING: Black 5 ft. 18/2 zip cord from base of fixture
CONNECTION: FA-05 Quick Connector (not supplied)
from main 12/2, 10/2 or 8/2 cable (12 volt only)
FINISH: Unfinished copper. Optional finishes available

RECOMMENDED ENHANCEMENTS FOR SL-37-MR8 SERIES:
FA-08-36C-8	Round 1/8" Hex Cell Louver
FA-11-36C-8-BLUE	Blue Tempered Glass
FA-11-36C-8-GREEN	Green Tempered Glass
FA-98-36C-8	Linear Spread Tempered Glass
FA-104-36C-8	Wide Spread Tempered Glass

RECOMMENDED ENHANCEMENTS FOR SL-37-MR11 SERIES:
FA-08-36C-11	Round 1/8" Hex Cell Louver
FA-11-36C-11-BLUE	Blue Tempered Glass
FA-11-36C-11-GREEN	Green Tempered Glass
FA-98-36C-11	Linear Spread Tempered Glass
FA-104-36C-11	Wide Spread Tempered Glass

RECOMMENDED ENHANCEMENTS FOR SL-37-MR16 SERIES:
FA-08-36C-16	Round 1/8" Hex Cell Louver
FA-11-36C-16-BLUE	Blue Tempered Glass
FA-11-36C-16-GREEN	Green Tempered Glass
FA-98-36C-16	Linear Tempered Spread Glass
FA-104-36C-16	Wide Spread Tempered Glass

Catalog Number	Description
SL-37-MR8LED	Copper recessed deck up/down light
SL-37-MR11LED	Copper recessed deck up/down light
SL-37-MR16LED	Copper recessed deck up/down light

LEDS by CREE

IP52

20w MR8 FL
SL-37-MR8

20w MR11 FL (FTD)
SL-37-MR11

20w MR16 FL (BAB)
SL-37-MR16

2"
51mm

1.13"
29mm

3.25"
83mm

2.5"
64mm

1.6"
41mm

3.25"
83mm

3"
76mm

2"
51mm

3.75"
95mm

123
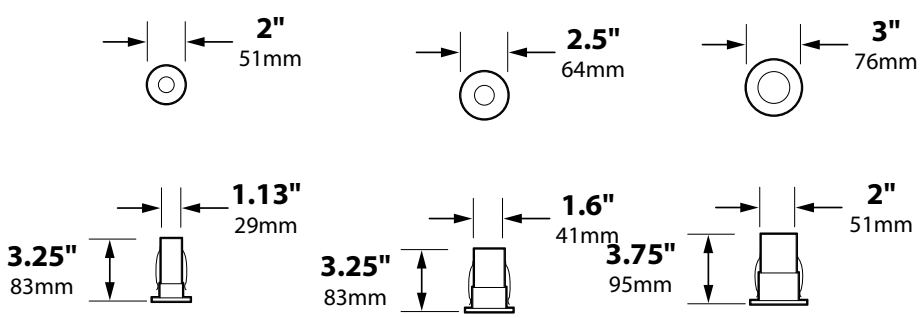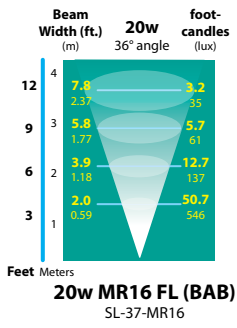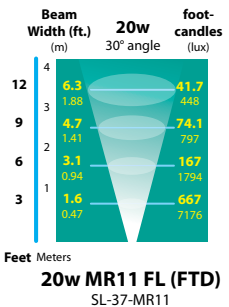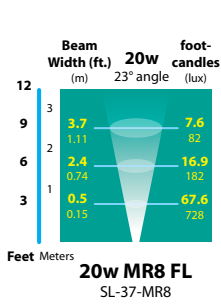
THE REMEDY

RXS-01-LEDCOP
4w MR16 LED (20w max.)
Solid Copper

Arrow LED
LEDS by CREE

IP54

RXS-02-LEDCOP
2w MR11 LED (20w max.)
Solid Copper

Arrow LED
LEDS by CREE

RXS-03-LEDCOP
1.5w MR8 LED (20w max.)
Solid Copper

RXS-01 SERIES SPECIFICATIONS:

CONSTRUCTION: Unfinished copper bullet surface light, adjustable copper aiming bracket
LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating
LEGACY LAMP OPTIONS: 20w MR16 ULTRA10, 000 hours average rating;
20w MR16 TITAN 18, 000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
Mount: FA-111-SM Small copper surface mount J-box
FINISH: Unfinished copper

2.5" 64mm
4" 102mm
5.25" 134mm
1.4" 35mm
RXS-01-COP

IP54
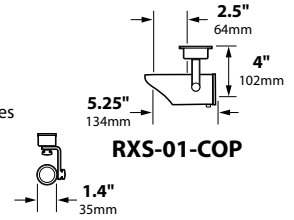
Catalog Number	Description
RXS-01-LEDCOP	Halogen spun copper fixture adjustable surface light

RECOMMENDED ENHANCEMENTS FOR RXS-01 SERIES:

FA-08-21	Round 1/8" Hex Cell Louver
FA-11-33-BLUE	Blue Tempered Flat Glass Lens
FA-11-33-GREEN	Green Tempered Flat Glass Lens
FA-11-33-AMBER	Amber Tempered Flat Glass Lens
FA-11-33-RED	Red Tempered Flat Glass Lens
FA-99-RXD2	Clear Tempered Convex Glass Lens
FA-98-33	Linear Spread Tempered Glass Lens
FA-104-33-SB	Wide Spread Sand Blasted Glass Lens Softener

Feet	3	6	9	12	
Meters	1	2	3	4	Beam Width (ft.) (m)
20w 36° angle	2.0 / 0.59	3.9 / 1.18	5.8 / 1.77	7.8 / 2.37	
	50.7 / 546	12.7 / 137	5.7 / 61	3.2 / 35	foot-candles (lux)

RXS-02 SERIES SPECIFICATIONS:

CONSTRUCTION: Unfinished copper hanging light
LED SUPPLIED: 2w ARROW MR11 LED, 50,000 hours average rating
LEGACY LAMP OPTIONS: ULTRA: 20w MR11 (20w max.)
10,000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
MOUNT: FA-111-SM Small copper surface mount J-box
FINISH: Unfinished copper

2.25" 57mm
4.3" 109mm
4.75" 121mm
1.4" 35mm
RXS-02-COP

IP54
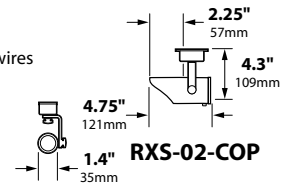
Catalog Number	Description
RXS-02-LEDCOP	Copper Hanging Light

RECOMMENDED ENHANCEMENTS FOR RXS-02 SERIES:

FA-08-17	Round 1/8" Hex Cell Louver
FA-10-17-BLUE	Blue Tempered Flat Glass Lens
FA-10-17-GREEN	Green Tempered Flat Glass Lens
FA-99-17	Clear Tempered Convex Glass Lens
FA-98-17	Linear Spread Tempered Glass Lens
FA-104-17	Wide Spread Sand Blasted Glass Lens Softener

Feet	3	6	9	12	
Meters	1	2	3	4	Beam Width (ft.) (m)
20w 30° angle	1.6 / 0.47	3.1 / 0.94	4.7 / 1.41	6.3 / 1.88	
	667 / 7176	167 / 1794	74.1 / 797	41.7 / 448	foot-candles (lux)
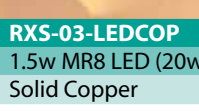
RXS-03 SERIES SPECIFICATIONS:

CONSTRUCTION: Unfinished copper bullet surface light, adjustable copper aiming bracket
LED SUPPLIED: 1.5w ARROW MR8 LED, 25,000 hours average rating
LEGACY LAMP OPTIONS: 20 watt MR8 (20w max.) 2000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
MOUNT: FA-111-SM Small copper surface mount J-box
FINISH: Unfinished copper

Arrow LED
LEDS by CREE

IP54

Catalog Number	Description
RXS-03-COP	Halogen spun copper fixture adjustable surface light

RECOMMENDED ENHANCEMENTS FOR RXS-03 SERIES:

FA-08-23	Round 1/8"Hex Cell Louver
FA-11-23-BLUE	Blue Tempered Glass Lens
FA-11-23-GREEN	Green Tempered Glass Lens
FA-98-23	Linear Spread Tempered Glass Lens
FA-104-23	Wide Spread Tempered Glass Lens Softener

Feet	3	6	9	12	
Meters	1	2	3		Beam Width (ft.) (m)
20w 23° angle	0.5 / 0.15	2.4 / 0.74	3.7 / 1.11		
	67.6 / 728	16.9 / 182	7.6 / 82		foot-candles (lux)

2.25" 57mm
4" 102mm
3.5" 89mm
1.4" 35mm
RXS-03-COP

CE
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Intertek

12 V
UNDER
WATER
L I G H T I N G

SL-11 SPECIFICATIONS:

CONSTRUCTION: Cast brass body with spun brass lamp retaining ring; Brass nickel-plated liquid tight straight bushing
-AB models feature cast brass aiming bracket with large black thumb screws

LENS: High impact clear acrylic

LAMP SUPPLIED: See ordering information below for PAR36 lamp model(50w max)

SOCKET: None, PAR36 lamp supplies connection via 1/4" quick connect or stud terminal

WIRING: 15 feet 18/2 SJTOW cord (available up to 50 feet)

MOUNTING: Surface mount aiming bracket on -AB models only

FINISH: Unfinished brass
Optional finishes: Black Acid Treatment (-BAT) & Brass Acid Rust (-BAR)

UL 676

SL-11-AB-BAR
25w PAR36 VWFL Lamp (50w max.)
Solid Brass

SL-11-AB
25w PAR36 VWFL Lamp (50w max.)
Solid Brass

CATALOG NO.	DESCRIPTION	LAMP SUPPLIED
SL-11	Cast Brass Underwater Light	25w PAR36 (VWFL) 55°
SL-11-AB	Cast Brass Underwater Light, Aim Bracket	25w PAR36 (VWFL) 55°
SL-11-35W	Cast Brass Underwater Light	35w PAR36 (WFL) 30°
SL-11-AB-35W	Cast Brass Underwater Light, Aim Bracket	35w PAR36 (WFL) 30°
SL-11-50W	Cast Brass Underwater Light	50w PAR36 (WFL) 30°
SL-11-AB-50W	Cast Brass Underwater Light, Aim Bracket	50w PAR36 (WFL) 30°

25w 55° angle

Beam Width (ft.) (m)		foot-candles (lux)
18	17.3 / 5.18	0.5 / 5
15	14.4 / 4.32	0.7 / 8
12	11.5 / 3.46	1.1 / 12
9	8.6 / 2.59	2.0 / 21
6	5.8 / 1.73	4.4 / 48
3	2.9 / 0.86	17.8 / 191

Feet Meter:

25w PAR36 VWFL
FOR SL-11 SERIES

SL-11
5.75" 146mm
3.5" 89mm

SL-11-AB
5.75" 146mm
5.5" 140mm
4.2" 107mm
3.75" 95mm
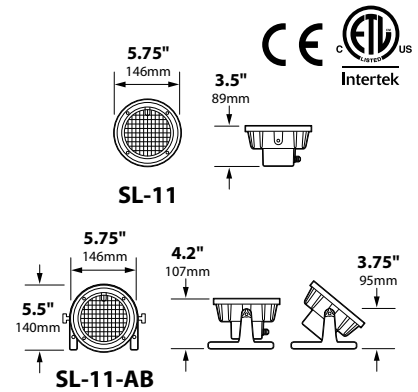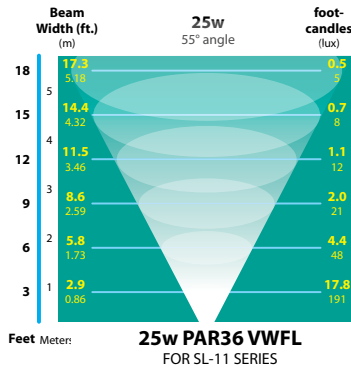
Note: Depth, Clarity and **Movement** will determine width and intensity exiting beam spread quality and reach of the light beam. Not recommended for applications deeper than 4 feet. Dirty water will reduce light dramatically. Movement will cause distortions and widening of the beam spread.

THE SL-11 IS DESIGNED **FOR UNDERWATER USE ONLY.**
FAILURE TO KEEP SUBMERGED OR OPERATING ABOVE WATER WILL VOID WARRANTY.

FA-35 Series Filters: Blue, Red, Green, Amber, White for SL-11

SL-33-LED-BAT
4w MR16 LED
Solid Brass

SL-33-SM-LED
4w MR16 LED
Solid Brass

SL-33-AC-LED
4w MR16 LED
Solid Brass

SL-33-SM-AC-LED
4w MR16 LED
Solid Brass

SL-33-ABAC-LED-BAR
4w MR16 LED
Solid Brass

SL-33-AB-AC-LED-BAT
4w MR16 LED
Solid Brass

SL-33 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast brass body and cap; Brass nickel-plated liquid tight straight bushing -AB models feature cast brass aiming bracket with large black thumb screws

LENS: High impact clear tempered flat glass

LED SUPPLIED: 4w 50,000 hrs ARROW LED

LED OPTIONS: 6w 50,000 hrs ARROW LED or 4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating; 35w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: 15 feet 18/2 SJTOW cord (available up to 50 feet)

MOUNTING: Surface mount aiming bracket on -AB models only

FINISH: Unfinished brass

Optional finishes: Black Acid Treatment (-BAT) & Brass Acid Rust (-BAR)

UL 676

CATALOG NO.	DESCRIPTION
SL-33-LED	Cast Brass Underwater Light
SL-33-AB-LED	Cast Brass Underwater Light, Aim Bracket
SL-33-AC-LED	Cast Brass Underwater Light, Angle Cap
SL-33-ABAC-LED	Cast Brass Underwater Light, Aim Bracket, Angle Cap
-SM	Add to catalog number for side mount cord entry

RECOMMENDED ENHANCEMENTS FOR SL-33

FA-11-SL-33-BLUE	Blue Tempered Glass Lens
FA-11-SL-33-GREEN	Green Tempered Glass Lens
FA-11-SL-33-RED	Red Tempered Glass Lens
FA-11-SL-33-AMBER	Amber Tempered Glass Lens
FA-11-SL-33-WL	White Flashed Opal Tempered Glass Lens
FA-154	Brass Adjustable Aiming Bracket
FA-155-CST	Cast Brass Angle Collar

IP68

LEDS by CREE

Beam Width (ft.) (m)	20w 36° angle	foot-candles (lux)
12 / 4	7.8 / 2.37	3.2 / 35
9 / 3	5.8 / 1.77	5.7 / 61
6 / 2	3.9 / 1.18	12.7 / 137
3 / 1	2.0 / 0.59	50.7 / 546

Feet / Meters

20w MR16 FL (BAB)
FOR SL-33 SERIES

SL-33
3.375" 86mm
3.25" 83mm

SL-33-AC
3.375" 86mm
5.375" 137mm

SL-33-AB
4" 102mm
4.5" 114mm
3.5" 89mm
3.25" 83mm

SL-33-AB-AC
4" 102mm
4.5" 114mm
3.5" 89mm
5.375" 137mm

SL-40 SERIES SPECIFICATIONS:

CONSTRUCTION: Cast brass body and cap; Brass nickel-plated liquid tight straight bushing
-AB models feature cast brass aiming bracket with large black thumb screws

LENS: High impact clear tempered flat glass

LED SUPPLIED: 2w 50,000 hrs ARROW MR11 LED

LEGACY LAMP OPTIONS: 35w MR11 FL(FTH); 2000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: 15 feet 18/2 SJTOW cord (available up to 50 feet)

MOUNTING: Surface mount aiming bracket on -AB models only

FINISH: Unfinished brass
Optional finishes: Black Acid Treatment (-BAT) & Brass Acid Rust (-BAR)

UL 676

CATALOG NO.	DESCRIPTION
SL-40-LED	Cast Brass Underwater Light
SL-40-AB-LED	Cast Brass Underwater Light, Aim Bracket
SL-40-AC-LED	Cast Brass Underwater Light, Angle Cap
SL-40-ABAC-LED	Cast Brass Underwater Light, Aim Bracket, Angle Cap
-SM	Add to catalog number for side mount cord entry

IP68

2.5" 64mm **3.5"** 89mm **SL-40**

2.5" 64mm **4.75"** 121mm **SL-40-AC**

2.5" 64mm **3.5"** 89mm **SL-40-AB**

2.5" 64mm **4.75"** 121mm **SL-40-AB-AC**

RECOMMENDED ENHANCEMENTS FOR SL-40 SERIES:

FA-11-SL40-BLUE	Blue Tempered Glass Lens
FA-11-SL40-GREEN	Green Tempered Glass Lens
FA-11-SL40-RED	Red Tempered Glass lens
FA-11-SL40-AMBER	Amber Tempered Glass Lens
FA-11-SL40-WL	White Flashed Opal Tempered Glass Lens
FA-137	For additional cord length, add length in feet to catalog number (50' maxi.)
FA-157	Cast Brass Angle Collar **(-AC)**
FA-158	Brass Adjustable Aiming Bracket **(-AB)**

SL-40 **SL-40-SM**
20w MR11 FL (FTD) Lamp (35w max.)
Solid Brass
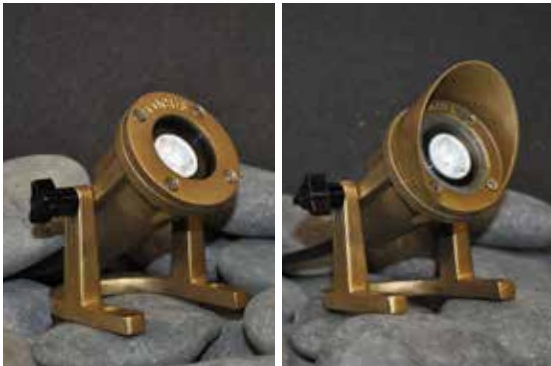
SL-40-AB-LED **SL-40-AB-AC-LED-BAT**
2w MR11 LED (35w max.)
Solid Brass

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Beam Width (ft.) (m) **20w** 30° angle **foot-candles** (lux)

	Beam Width (ft.) (m)	foot-candles (lux)
12	6.3 / 1.88	41.7 / 448
9	4.7 / 1.41	74.1 / 797
6	3.1 / 0.94	167 / 1794
3	1.6 / 0.47	667 / 7176

Feet Meters
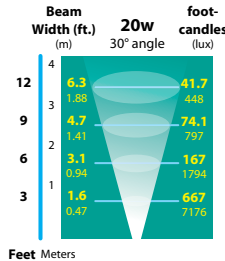
20w MR11 FL (FTD)
FOR SL-40 SERIES

ARROW LED
LEDS by CREE

Designed for connection of 18/2 wires. Supplies up to eight 12v or 120v fixtures

FA-H20-JB

FA-H20-JB-BAT
20 cubic inch underwater J-BOX
Solid Brass

5.00"
127mm

3.00"
76mm

5.00"
127mm

5.00"
127mm

To underwater Fixture 1 18/2

To underwater Fixture 3 18/2

To underwater Fixture 4 18/2

To underwater Fixture 2 18/2

To 12v. Source 12/2

FA-H20-JB THE OCTOPUS UNDERWATER J-BOX SPECIFICATIONS:

CONSTRUCTION: 20 cubic inch cast brass body and cast brass cover

GASKET: Black silicone, 50 durometer

FITTINGS: Standard J-box not supplied with fittings. Brass, nickel plated PG9 Liquid Tight available. Specify number required at time or order

FITTING OPTIONS: Brass, nickel plated PG11 Liquid Tight

INTERNAL CONNECTOR: Teal high temperature thermal plastic housing with stainless steel barrel lugs and 3M dielectric sealing tape; 200 watt maximum load

FEED WIRE: Standard J-box not supplied with feed wire. 12-2C cable available in increments of 5 feet starting at 25 feet. Specify at time of order

MOUNTING: Surface mount bracket attached

FINISH: Unfinished brass
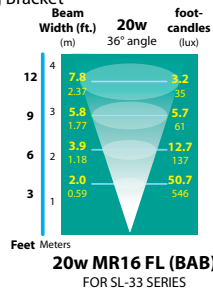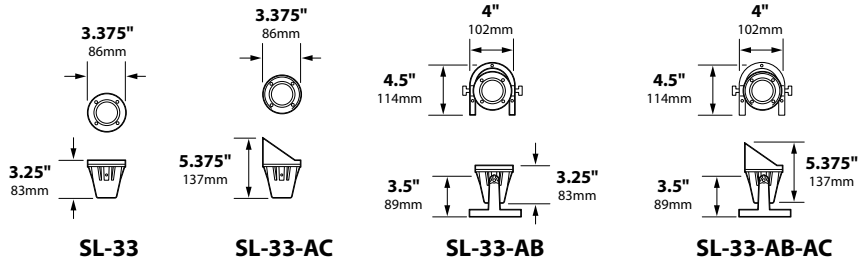optional finishes: Black Acid Treatment (-BAT) & Brass Acid Rust (-BAR)

THE OCTOPUS

UL676 listed Underwater Junction Box designed for connection of up to 8 12v fixtures with 18/2 wire plus one feed wire. Supplied standard without holes or fittings. To receive tapped holes and liquid tight fittings, specify quantity and size at time of order. Hole tap sizes available are PG9, PG11, 1/2"NPS & 3/4"NPS. For 1/2" or 3/4" service conduit, consult factory. Brass Liquid Tight fittings recommended and fitting size must match cable size to ensure water proof connection.

Compatible with all Focus brand underwater fixtures and many other manufactures underwater fixtures.

IP68

CATALOG NO.	DESCRIPTION
FA-H2OJB	Octopus Underwater Junction Box
FA-H2OJB-25	Octopus Underwater Junction Box, with 25' 12/2C Feed Wire
FA-H2OJB-50	Octopus Underwater Junction Box, with 50' 12/2C Feed Wire
FA-H2OJB-75	Octopus Underwater Junction Box, with 50' 12/2C Feed Wire

To order additional ports add number required to catalog number followed by the feed wire length. Number will include feed wire port and output ports. For example:

FA-H2OJB-4-25	Octopus Underwater Junction Box with 25' 12/2C Feed Wire and 3 PG9 liquid tight output ports
FA-H2OJB-7-50	Octopus Underwater Junction Box with 50' 12/2C Feed Wire and 6 PG9 liquid tight output ports

SL-51ST-LED-BAR
Underwater Starfish Light
Solid Brass

SL-51-ST SERIES SPECIFICATIONS:

CONSTRUCTION: Cast brass body and cap; Brass nickel-plated liquid tight straight bushing.

LENS: High impact clear tempered acrylic

LED SUPPLIED: 4w ARROW LED 50,000 average rating

LED OPTIONS: 6w 50,000 hrs ARROW LED or 4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: We recommend 35w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: 15 feet 18/2 SJTOW cord (available up to 50 feet)

MOUNTING: None

FINISH: Unfinished brass.
Optional finishes: Black Acid Treatment (-BAT) & Brass Acid Rust (-BAR)

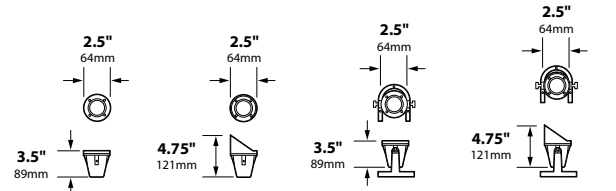| CATALOG NO.	DESCRIPTION
SL-51-ST-LEDBRS	Cast Brass Underwater Starfish Light

LEDS by CREE

IP68

UL 676

CE

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US

SL-51-ST

7.00"
178mm

4.00"
102mm

2.5"
64mm

SL-51-ST

MOUNTING DEVICES

HANGING PRODUCTS

Page 193

Techniques
Page 4

SL-05-LED3-BRS
3w Omni-3 LED
Brass

SL-06-LED3-BRS
3w Omni-3 LED
Solid Brass

SL-05, SL-06 SERIES SPECIFICATIONS:

CONSTRUCTION–SL-05: Spun aluminum, brass or copper hanging bell on 18" long baby oval brass chain and cast brass hoop
SL-06: Cast aluminum or brass hanging tulip on 18" long baby oval brass chain and cast brass hoop

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)
SOCKET: Single contact bayonet, brass nickel plated screw shell (Ba15s) with 200℃ lead wires

WIRING: Black 2 foot 18/2 zip cord. Consult factory for additional lengths

MOUNT: FA-111-SMH surface mount mini junction box and hardware

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass and Copper - Unfinished. Optional finishes available

Catalog Number	Description
SL-05-LED3	Spun Aluminum Bell Hanging Light with Chain and J-Box
SL-05-LED3BRS	Spun Brass Bell Hanging Light with Chain and J-Box
SL-05-LED3COP	Spun Copper Bell Hanging Light with Chain and J-Box
SL-06-LED3	Cast Aluminum Tulip Hanging Light with Chain and J-Box
SL-06-LED3BRS	Cast Brass Tulip Hanging Light with Chain and J-Box

IP44

Omni LED
LEDs by CREE

FA-111-SM-H

4.5"
114mm

3.5"
89mm

4.75"
121mm

SL-05

FA-111-SM-H

4.5"
114mm

4.25"
108mm

SL-06

Feet		2		4		6		8		10
Meters			1			2				3

Height of fixture from floor: 7 ft. (2.1m)

| fc | 6.8 | 6.7 | 4.7 | 3.8 | 3.6 | 3.1 | 2.6 | 2.1 | 1.6 | 1.3 | 1.1 |
| lux | 73 | 72 | 51 | 41 | 39 | 33 | 28 | 23 | 17 | 14 | 12 |

SL-05
Half Spread Photometrics
20 ft. (6.0m) diameter

Feet		2		4		6		8		10
Meters			1			2				3

Height of fixture from floor: 7 ft. (2.1m)

| fc | 4.1 | 4.4 | 4.0 | 3.6 | 3.0 | 2.7 | 2.3 | 1.9 | 1.6 | 1.3 | 1.0 |
| lux | 44 | 47 | 43 | 39 | 32 | 29 | 25 | 20 | 17 | 14 | 11 |

SL-06
Half Spread Photometrics
20 ft. (6.0m) diameter

Feet		2		4		6		8		10
Meters			1			2				3

Height of fixture from floor: 8 ft. (2.4m)

| fc | 5.3 | 5.0 | 3.9 | 3.0 | 2.3 | 2.0 | 1.5 | 0.9 |
| lux | 57 | 54 | 42 | 32 | 25 | 22 | 16 | 10 |

SL-05
Half Spread Photometrics
14 ft. (4.3m) diameter

Feet		2		4		6		8		10
Meters			1			2				3

Height of fixture from floor: 8 ft. (2.4m)

| fc | 3.1 | 2.9 | 2.7 | 2.4 | 2.0 | 1.7 | 1.3 | 1.0 |
| lux | 33 | 31 | 29 | 26 | 22 | 18 | 14 | 11 |

SL-06
Half Spread Photometrics
14 ft. (4.3m) diameter

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SL-12-LED3-BAR
3w Omni-3 LED (25w max.)
Solid Brass

SL-12-LED3-BRS
3w Omni-3 LED (25w max.)
Solid Brass

SL-12 SPECIFICATIONS:

CONSTRUCTION: Formed solid brass lantern on 18" long baby oval brass chain and cast brass hoop

LENS: Gold iridescent glass; optional plastic White Cracked Ice available (-ICE)
LED SUPPLIED: 4w 50,000 hours average rating flat panel LED

LED OPTION: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s)

WIRING: Black 2 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: SL-12-; FA-111-SMH surface mount mini junction box and hardware
FINISH: Unfinished brass. Optional finishes available

IP44

Catalog Number	Description
SL-12-LEDPBLT	Black Powder Coat Brass Hanging Lantern with Chain and J-Box
SL-12-LEDPBRS	Brass Hanging Lantern Lantern with Chain and J-Box

50,000 HOUR LED FLAT PANEL
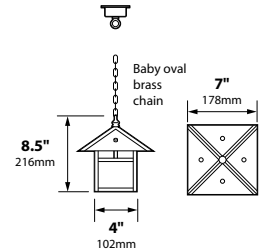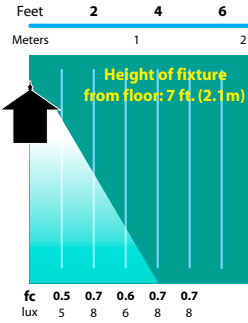
SL-12
Half Spread Photometrics
8 ft. (2.4m) diameter

SL-12

SL-14-LED3-BRS
3w Omni-3 LED (25w max.)
Solid Brass

SL-15-LED3-BAV
3w Omni-3 LED (25w max.)
Solid Brass

SL-15-10CSMLED3BAR
3w Omni-3 LED (25w max.)
Solid Brass

SL-14, SL-15 SERIES SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum, brass or copper hanging cylinder on 18" long baby oval brass chain and cast brass hoop. Aluminum cylinder has matching aluminum top. Brass and copper cylinder have brass top

LENS: None

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (-LED3)
LEGACY LAMP OPTIONS 10,000 hours average rating Xenon (-X) or Halogen (-H)
SL-14- Also available with ALR12 and ALR18 lamp - see ordering information below

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); Double contact bayonet, brass nickel plated lamp socket screw shell (Ba15d) for ALR lamp

WIRING: Black 2 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-111-SMH surface mount mini junction box and hardware

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass and Copper - Unfinished. Optional finishes available

IP44

Catalog Number	Description
SL-14-LED3BLT	Aluminum Hanging Cylinder Light
SL-14-LED3BRS	Brass Hanging Cylinder Light
SL-14-LED3COP	Copper Hanging Cylinder Light
SL-15-LED3BLT	Aluminum Hanging Starlight Cylinder
SL-15-LED3BRS	Brass Hanging Starlight Cylinder
SL-15-LED3COP	Copper Hanging Starlight Cylinder
SL-15-10CSMLED3BLT	Extended Aluminum Hanging Starlight Cylinder
SL-15-10CSMLED3BRS	Extended Brass Hanging Starlight Cylinder
SL-15-10CSMLED3COP	Exended Copper Hanging Starlight Cylinder

ALR12 FIXTURES
The following fixtures are equipped with 20 watt ALR12 FL (GBF) lamp, double contact (Ba15d), 20 watt maximum. 4000+ hours average rating.

SL-14-ALR12	Aluminum Hanging Cylinder Light
SL-14-ALR12-BRS	Brass Hanging Cylinder Light
SL-14-ALR12-COP	Copper Hanging Cylinder Light

ALR18 FIXTURES
The following fixtures are equipped with 50 watt ALR18 FL (GBK) lamp, double contact (Ba15d), 50 watt maximum. 4000+ hours average rating.

SL-14-ALR12	Aluminum Hanging Starlight Cylinder
SL-14-ALR12-BRS	Brass Hanging Cylinder Light
SL-14-ALR12-COP	Copper Hanging Cylinder Light

Omni LEDs by CREE LED   CE   ETL Intertek

Feet		2		4		6	
Meters			1			2	

Height of fixture from floor: 7 ft. (2.1m)

3.6	3.3	3.2	2.9	2.4	3.2	0.8	fc
39	36	34	31	26	34	9	lux
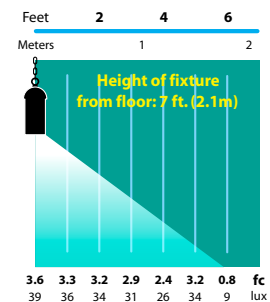
SL-14, SL-15
Half Spread Photometrics
12 ft. (3.7m) diameter

SL-14
Baby oval brass chain
5.9" 150mm
2.5" 64mm
2.5" 64mm

SL-15
Baby oval brass chain
5.9" 150mm
2.5" 64mm
2.5" 64mm

2" 51mm
10" 254mm
2.85" 72mm
2.5" 64mm
SL-15-10CSM

Feet			Meters
8			2.4
6			
4			1.0
2			
0			0

8	6	4	2	Feet	2	4	6	8
2		1		Meters		1		2
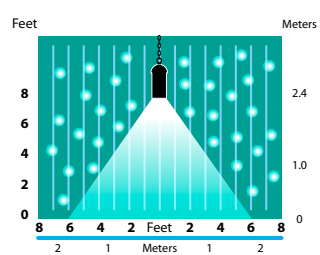
SL-15 Light Distribution
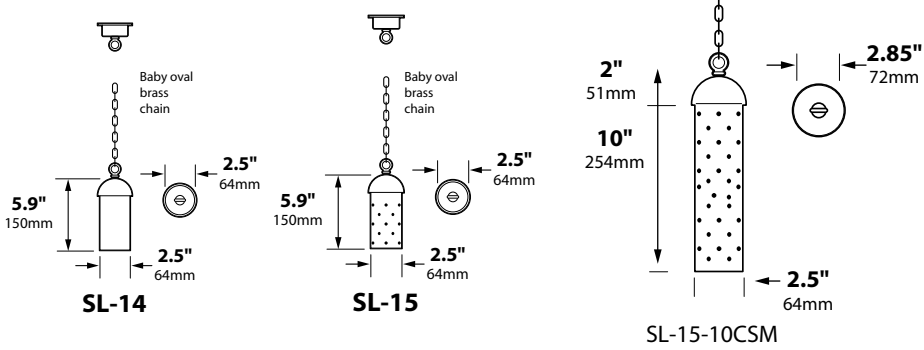
SL-53-LED-WBR
4w Arrow MR16 LED
Aluminum

SL-53 SERIES SPECIFICATIONS:

CONSTRUCTION: Extruded 2.25" square aluminum or brass hanging cylinder on 18" long baby oval aluminum or brass chain

LENS: High impact clear tempered convex glass

GASKET: High temperature black silicone

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available

IP54

SL-54-LED-CPR
4w Arrow MR16 LED
Aluminum

SL-54 SERIES SPECIFICATIONS:

CONSTRUCTION: Extruded 2.25" square aluminum or brass pendant cylinder on 12" long aluminum or brass stem

LENS: High impact clear tempered convex glass

GASKET: High temperature black silicone

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS

FINISH: Aluminum - Black texture polyester powder coat.
Brass - Unfinished.
Optional finishes available

IP54

Catalog Number	Description
SL-53-LEDBLT	Square Aluminum Bullet w/18" Chain
SL-53-LEDBRS	Square Brass Bullet w/18" Chain
SL-54-LEDBLT	Square Aluminum Bullet w/12" Pendant
SL-54-LEDBRS	Square Brass Bullet w/12" Pendant

MR16 LED

foot-candles (lux)		Beam Width (ft.) (m)
50,7 / 546		2.0 / 0.59
12.7 / 137		3.9 / 1.18
5.7 / 61		5.8 / 1.77
3.2 / 35		7.8 / 2.37

LEDS by CREE

CE ETL LISTED Intertek

SL-53

4.5" / 114mm
0.9" / 23mm
18" / 457mm
5.25" / 133mm
2.125" / 54mm

SL-54

4.5" / 114mm
0.9" / 23mm
12" / 305mm
5.25" / 133mm
2.125" / 54mm
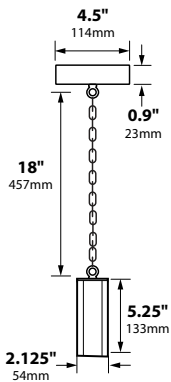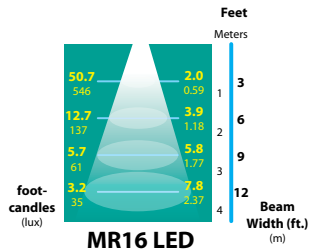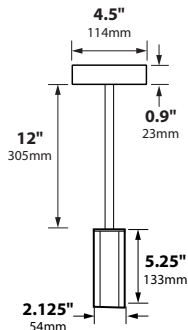
SL-54-LED-CPR
4w Arrow MR16 LED
Aluminum

Hanging Fixtures – 12 volt

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RXS-04-LEDCOP
4w Arrow MR16 LED
Solid Copper

Arrow LED
LEDS by CREE

RXS-05-LEDCOP
2w Arrow MR11 LED
Solid Copper

Arrow LED
LEDS by CREE

RXS-06-LEDCOP
1.5w Arrow MR8 LED
Solid Copper

RXS-04 SERIES SPECIFICATIONS:

CONSTRUCTION: Copper tube shield hanging Bullet on 18" long baby oval brass chain and cast brass hoop
LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating
LEGACY LAMP OPTIONS: 20w MR16 ULTRA10,000 hours average rating;
20w MR16 TITAN 18, 000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
MOUNT: FA-111-SM-H hanging fixture mini junction box
FINISH: Unfinished copper

IP54

4.5" 114mm
0.9" 23mm
18" 457mm
5.25" 133mm
2.125" 54mm
RXS-04
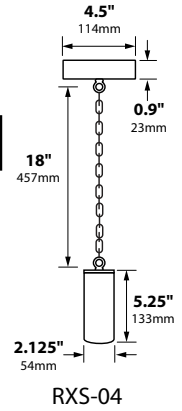
Catalog Number	Description
RXS-04-LEDCOP	Spun copper fixture hanging light

RECOMMENDED ENHANCEMENTS FOR RXS-04 SERIES:

FA-08-21	Round 1/8" Hex Cell Louver
FA-11-33-BLUE	Blue Tempered Flat Glass Lens
FA-11-33-GREEN	Green Tempered Flat Glass Lens
FA-11-33-AMBER	Amber Tempered Flat Glass Lens
FA-11-33-RED	Red Tempered Flat Glass Lens
FA-99-RXD2	Clear Tempered Convex Glass Lens
FA-98-33	Linear Spread Tempered Glass Lens
FA-104-33-SB	Wide Spread Sand Blasted Glass Lens Softener

RXS-05 SERIES SPECIFICATIONS:

CONSTRUCTION: Copper tube shield hanging Bullet on 18" long baby oval brass chain and cast brass hoop
LED SUPPLIED: 2w ARROW MR11 LED, 50,000 hours average rating
LEGACY LAMP OPTIONS: ULTRA: 20w MR11 (20w max.)
10,000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
**WIRING**: Black 3 foot 18/2 zip cord
MOUNT: FA-111-SM Small copper surface mount J-box
FINISH: Unfinished copper

IP54

2.6" 66mm
0.9" 23mm
18" 457mm
4.75" 121mm
1.75" 46mm
RXS-05
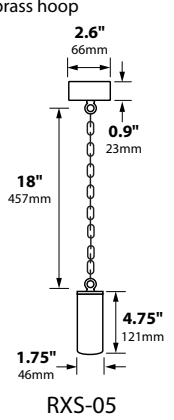
Catalog Number	Description
RXS-05-LEDCOP	Spun copper fixture hanging light

RECOMMENDED ENHANCEMENTS FOR RXS-05 SERIES:

FA-08-17	Round 1/8" Hex Cell Louver
FA-10-17-BLUE	Blue Tempered Flat Glass Lens
FA-10-17-GREEN	Green Tempered Flat Glass Lens
FA-99-17	Clear Tempered Convex Glass Lens
FA-98-17	Linear Spread Tempered Glass Lens
FA-104-17	Wide Spread Sand Blasted Glass Lens Softener

RXS-06 SERIES SPECIFICATIONS:

CONSTRUCTION: Copper tube shield hanging Bullet on 18" long baby oval brass chain and cast brass hoop
LED SUPPLIED: 1.5w 25,000 hrs wide flood MR8 LED
LEGACY LAMP OPTIONS: 20w MR8 FL; 2000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
MOUNT: FA-111-SM Small copper surface mount J-box
FINISH: Unfinished copper

IP54

2.6" 66mm
0.9" 23mm
18" 457mm
3.5" 89mm
1.4" 36mm
RXS-06
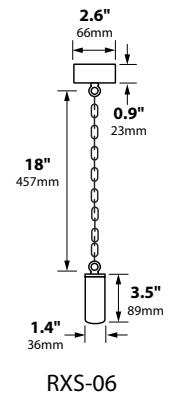
Catalog Number	Description
RXS-06-LEDCOP	Spun copper fixture hanging light

RECOMMENDED ENHANCEMENTS FOR RXS-06 SERIES:

FA-08-23	Round 1/8"Hex Cell Louver
FA-11-23-BLUE	Blue Tempered Glass Lens
FA-11-23-GREEN	Green Tempered Glass Lens
FA-98-23	Linear Spread Tempered Glass Lens
FA-104-23	Wide Spread Tempered Glass Lens Softener

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MR16 LED

	Feet Meters	
foot-candles (lux)		Beam Width (ft.) (m)
50.7 / 546		2.0 / 0.59
12.7 / 137		3.9 / 1.18
5.7 / 61		5.8 / 1.77
3.2 / 35		7.8 / 2.37

(1 / 3, 2 / 6, 3 / 9, 4 / 12)

MR11 LED

	Feet Meters	
foot-candles (lux)		Beam Width (ft.) (m)
667 / 7176		1.6 / 0.47
167 / 1794		3.1 / 0.94
74.1 / 797		4.7 / 1.41
41.7 / 448		6.3 / 1.88

(1 / 3, 2 / 6, 3 / 9, 4 / 12)

MR8 LED

	Feet Meters	
foot-candles (lux)		Beam Width (ft. (m)
67.6 / 728		0.5 / 0.15
16.9 / 182		2.4 / 0.74
7.6 / 82		3.7 / 1.11

(1 / 3, 2 / 6, 3 / 9, 12)

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RXS-07 SERIES SPECIFICATIONS:

CONSTRUCTION: Copper tube shield Bullet with matching stem
LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating
LEGACY LAMP OPTIONS: 20w MR16 ULTRA10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
MOUNT: FA-24-LGSPUN canopy and hardware
FINISH: Unfinished copper

Catalog Number	Description
RXS-07-LEDCOP	Spun copper fixture hanging light

RECOMMENDED ENHANCEMENTS FOR RXS-04 SERIES:

FA-08-21	Round 1/8" Hex Cell Louver
FA-11-33-BLUE	Blue Tempered Flat Glass Lens
FA-11-33-GREEN	Green Tempered Flat Glass Lens
FA-11-33-AMBER	Amber Tempered Flat Glass Lens
FA-11-33-RED	Red Tempered Flat Glass Lens
FA-99-RXD2	Clear Tempered Convex Glass Lens
FA-98-33	Linear Spread Tempered Glass Lens
FA-104-33-SB	Wide Spread Sand Blasted Glass Lens Softener

RXS-07-LEDCOP
4w Arrow MR16 LED
Solid Copper

IP54

4.5" 114mm
0.9" 23mm
12" 305mm
5.25" 133mm
2.125" 54mm

RXS-07

RXS-08 SERIES SPECIFICATIONS:

CONSTRUCTION: Copper tube shield Bullet with matching stem
LED SUPPLIED: 2w ARROW MR11 LED, 50,000 hours average rating
LEGACY LAMP OPTIONS: ULTRA: 20w MR11 (20w max.)
10,000 hours average ratinge ceramic GU5.3 bi-pin with 250℃ silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
MOUNT: FA-24-LGSPUN canopy and hardware
FINISH: Unfinished copper

Catalog Number	Description
RXS-08-LEDCOP	Spun copper fixture hanging light

RECOMMENDED ENHANCEMENTS FOR RXS-05 SERIES:

FA-08-17	Round 1/8" Hex Cell Louver
FA-10-17-BLUE	Blue Tempered Flat Glass Lens
FA-10-17-GREEN	Green Tempered Flat Glass Lens
FA-99-17	Clear Tempered Convex Glass Lens
FA-98-17	Linear Spread Tempered Glass Lens
FA-104-17	Wide Spread Sand Blasted Glass Lens Softener

RXS-08-LEDCOP
2w Arrow MR11 LED
Solid Copper

IP54

2.6" 66mm
0.9" 23mm
12" 305mm
4.75" 121mm
1.75" 46mm

RXS-08

RXS-09 SERIES SPECIFICATIONS:

CONSTRUCTION: Copper tube shield Bullet with matching stem
LED SUPPLIED: 1.5w 25,000 hrs wide flood MR8 LED
LEGACY LAMP OPTIONS: 20w MR8 FL; 2000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires
WIRING: Black 3 foot 18/2 zip cord
MOUNT: FA-24-MD canopy and hardware
FINISH: Unfinished copper

Catalog Number	Description
RXS-09-LEDCOP	Spun copper fixture hanging light

RECOMMENDED ENHANCEMENTS FOR RXS-06 SERIES:

FA-08-23	Round 1/8" Hex Cell Louver
FA-11-23-BLUE	Blue Tempered Glass Lens
FA-11-23-GREEN	Green Tempered Glass Lens
FA-98-23	Linear Spread Tempered Glass Lens
FA-104-23	Wide Spread Tempered Glass Lens Softener

RXS-09-LEDCOP
1.5w Arrow MR8 LED
Solid Copper

IP54

2.6" 66mm
0.9" 23mm
12" 305mm
3.5" 89mm
1.25" 34mm

RXS-09

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MR16 LED

foot-candles (lux)		Beam Width (ft.) (m)
50.7 / 546	2.0 / 0.59	1 / 3
12.7 / 137	3.9 / 1.18	2 / 6
5.7 / 61	5.8 / 1.77	3 / 9
3.2 / 35	7.8 / 2.37	4 / 12

MR11 LED

foot-candles (lux)		Beam Width (ft.) (m)
667 / 7176	1.6 / 0.47	1 / 3
167 / 1794	3.1 / 0.94	2 / 6
74.1 / 797	4.7 / 1.41	3 / 9
41.7 / 448	6.3 / 1.88	4 / 12

MR8 LED

foot-candles (lux)		Beam Width (ft.) (m)
67.6 / 728	0.5 / 0.15	1 / 3
16.9 / 182	2.4 / 0.74	2 / 6
7.6 / 82	3.7 / 1.11	3 / 9
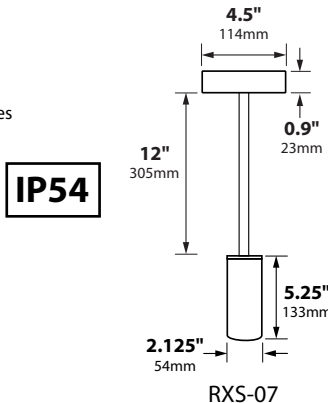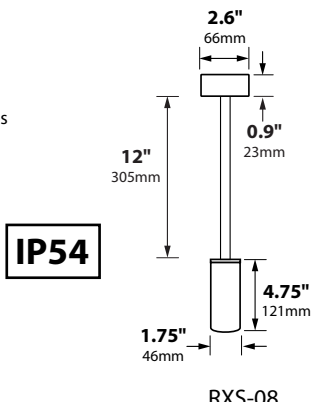
RXS-12-LEDBRS
4w Arrow MR16 LED (20w max.)
Brass

RXS-13-LEDBRS
2w Arrow MR11 LED (20w max.)
Brass

RXS-14-LEDBRS
1.5w Arrow MR8 LED (20w max.)
Brass

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RXS-12 SERIES SPECIFICATIONS:
CONSTRUCTION: Machined brass cylinder with threaded cap on 18" long baby oval brass chain and cast brass hoop; matching brass FA-24-LG canopy
LENS: Clear tempered stepped glass
O-RING: High temperature red silicone
LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or 4w ARROW Saver LED 40,000 hours average rating
LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating; 20w MR16 TITAN 18,000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 2 foot 18/2 zip cord from base of fixture (12v only) For 25 foot 16/2 fixture lead wire add -25F to catalog number.
FINISH: Brass-Unfinished brass. Optional finishes available

IP54

RECOMMENDED ENHANCEMENTS FOR RXS-12 SERIES:

FA-08-21	Round 1/8" Black Hex Cell Louver
FA-11-BLUE	Blue Tempered Flat Glass Lens
FA-11-GREEN	Green Tempered Flat Glass Lens
FA-11-AMBER	Amber Tempered Flat Glass Lens
FA-11-RED	Red Tempered Flat Glass Lens
FA-98-36C16	Linear Spread Tempered Glass Lens
FA-104-SB	Wide Spread Sand Blasted Glass Lens
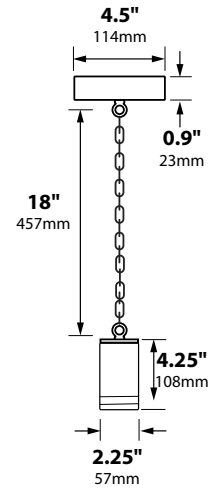
4.5" 114mm
0.9" 23mm
18" 457mm
4.25" 108mm
2.25" 57mm
RXS-12

RXS-13 SERIES SPECIFICATIONS:
CONSTRUCTION: Machined brass cylinder with threaded cap on 18" long baby oval brass chain and cast brass hoop; matching brass FA-24-LG canopy
LENS: Clear tempered stepped glass
O-RING: High temperature red silicone
LED SUPPLIED: 2w ARROW MR11 LED, 50,000 hours average rating
LEGACY LAMP OPTIONS: ULTRA: 20w MR11 (20w max.) 10,000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 2 foot 18/2 zip cord from base of fixture (12v only) For 25 foot 16/2 fixture lead wire add -25F to catalog number.
MOUNTING: FA-24-LGSPUN canopy and hardware
FINISH: Brass-Unfinished brass. Optional finishes available

IP54

RECOMMENDED ENHANCEMENTS FOR RXS-13 SERIES:

FA-08-17	Round 1/4" Hex Cell Louver
FA-10-17-BLUE	Blue Tempered Glass Lens
FA-10-17-GREEN	Green Tempered Glass Lens
FA-98-17	Linear Spread Tempered Glass Lens
FA-104-17	Wide Spread Sandblasted Glass Lens Softener
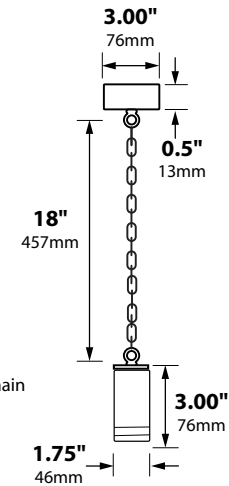
3.00" 76mm
0.5" 13mm
18" 457mm
3.00" 76mm
1.75" 46mm
RXS-13

RXS-14 SERIES SPECIFICATIONS:
CONSTRUCTION: Machined brass cylinder with threaded cap on 18" long baby oval brass chain and cast brass hoop; matching brass FA-24-LG canopy
LENS: Clear tempered stepped glass
O-RING: High temperature red silicone
LAMP SUPPLIED: 20w MR8 FL(FTD) 5000 hours average rating (35w max)
LAMP OPTIONS: 1.5w ARROW LED MR8 25,000 hours average rating
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 2 foot 18/2 zip cord from base of fixture (12v only) For 25 foot 16/2 fixture lead wire add -25F to catalog number.
MOUNTING: FA-24-LG canopy and hardware
FINISH: Brass-Unfinished brass. Optional finishes available

RECOMMENDED ENHANCEMENTS FOR RXS-14 SERIES:

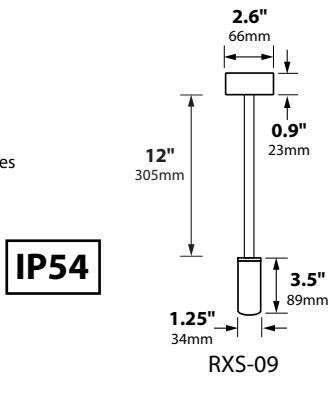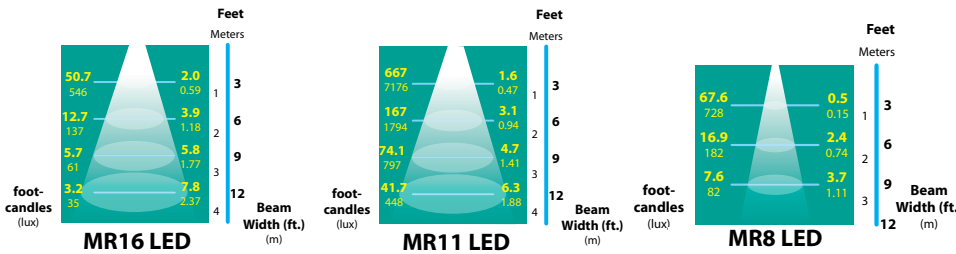|	
FA-08-23	Round 1/4" Hex Cell Louver
FA-11-23-BLUE	Blue Tempered Glass Lens
FA-11-23-GREEN	Green Tempered Glass Lens
FA-98-23	Linear Spread Tempered Glass Lens
FA-104-23	Wide Spread Sandblasted Glass Lens Softener

Catalog Number	Description
RXS-12-LEDBRS	Brass fixture MR16 hanging light
RXS-13-LEDBRS	Brass fixture MR11 hanging light
RXS-14LED-BRS	Brass fixture MR8 hanging light

IP54

3.00" 76mm
0.5" 13mm
18" 457mm
2.75" 70mm
1.25" 34mm
RXS-14

Feet / Meters

50.7 / 546		2.0 / 0.59	3 / 1
12.7 / 137		3.9 / 1.18	6 / 2
5.7 / 61		5.8 / 1.77	9 / 3
3.2 / 35		7.8 / 2.37	12 / 4

foot-candles (lux) — Beam Width (ft.) (m)
MR16 LED

Feet / Meters

667 / 7176		1.6 / 0.47	3 / 1
167 / 1794		3.1 / 0.94	6 / 2
74.1 / 797		4.7 / 1.41	9 / 3
41.7 / 448		6.3 / 1.88	12 / 4

foot-candles (lux) — Beam Width (ft.) (m)
MR11 LED

Feet / Meters

67.6 / 728		0.5 / 0.15	3 / 1
16.9 / 182		2.4 / 0.74	6 / 2
7.6 / 82		3.7 / 1.11	9 / 3

foot-candles (lux) — Beam Width (ft.) (m)
MR8 LED

Wall Mount – 12 volt/120 volt

SL-05-WM-LED3-BRS
3w Omni-3 LED
Solid Brass

SL-05-WM, SL-06-WM SPECIFICATIONS:

CONSTRUCTION–SL-05-WM-BRS: Heavy-duty spun brass with stamped brass wall bracket
SL-05-WM: Heavy-duty spun aluminum with stamped aluminum wall bracket
SL-06-WM-BRS: Cast brass
SL-06-WM: Cast aluminum

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (LED-3)

LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated screw shell (Ba15s)
200°C silicone lead wires

WIRING: Black 5 foot 18/2 zip cord

MOUNTING: Back plate and screws supplied

FINISH: Unfinished brass. Optional finishes available

Catalog Number	Description
SL-05-WM-LED3BLT	4.5" Bell Hat
SL-05-WM-LED3BRS	4.5" Bell Hat
SL-06-WM-LED3BLT	4.5" Tulip Hat
SL-06-WM-LED3BRS	4.5" Tulip Hat

IP44

Omni 3 LED
LEDS by CREE

SL-05-WM-LED3-BRS
3w Omni-3 LED
Solid Brass

4.5"
114mm

8.5"
216mm

5"
127mm

4.75"
121mm

3.5"
89mm

SL-05-WM

4.5"
114mm

8.5"
216mm

5"
127mm

4.75"
121mm

4.25"
108mm

SL-06-WM

SL-06-WM-LED3-BRS
3w Omni-3 LED
Solid Brass

Feet 2 4 6 8 10
Meters 1 2 3

Height of fixture from floor: 7 ft. (2.1m)

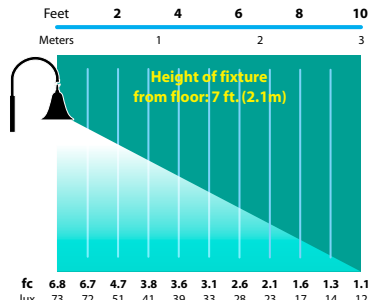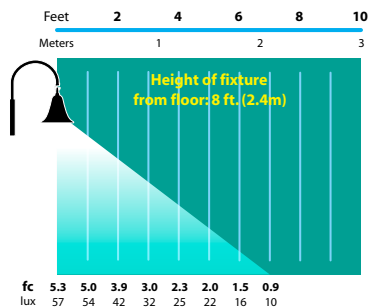| fc | 6.8 | 6.7 | 4.7 | 3.8 | 3.6 | 3.1 | 2.6 | 2.1 | 1.6 | 1.3 | 1.1 |
| lux | 73 | 72 | 51 | 41 | 39 | 33 | 28 | 23 | 17 | 14 | 12 |

SL-05-WM
Half Spread Photometrics
10 ft. (3.0m) radius

Feet 2 4 6 8 10
Meters 1 2 3

Height of fixture from floor: 8 ft. (2.4m)

| fc | 5.3 | 5.0 | 3.9 | 3.0 | 2.3 | 2.0 | 1.5 | 0.9 |
| lux | 57 | 54 | 42 | 32 | 25 | 22 | 16 | 10 |

SL-05-WM
Half Spread Photometrics
7 ft. (2.1m) radius

Feet 2 4 6 8 10
Meters 1 2 3

Height of fixture from floor: 7 ft. (2.1m)

| fc | 4.1 | 4.4 | 4.0 | 3.6 | 3.0 | 2.7 | 2.3 | 1.9 | 1.6 | 1.3 | 1.0 |
| lux | 44 | 47 | 43 | 39 | 32 | 29 | 25 | 20 | 17 | 14 | 11 |

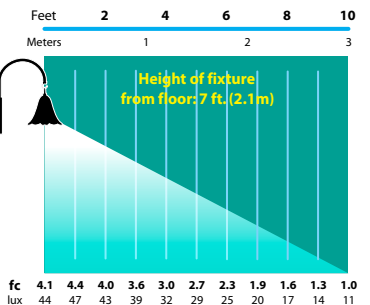**SL-06-WM**
Half Spread Photometrics
10 ft. (3.0m) radius

Feet 2 4 6 8 10
Meters 1 2 3

Height of fixture from floor: 8 ft. (2.4m)

| fc | 3.1 | 2.9 | 2.7 | 2.4 | 2.0 | 1.7 | 1.3 | 1.0 |
| lux | 33 | 31 | 29 | 26 | 22 | 18 | 14 | 11 |

SL-06-WM
Half Spread Photometrics
7 ft. (2.1m) radius

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Intertek

SL-13-WM-LEDP-BRS
4w Flat Panel LED
Solid Brass

SL-13-LG-LEDP-BAR
4w Flat Panel LED
Solid Brass
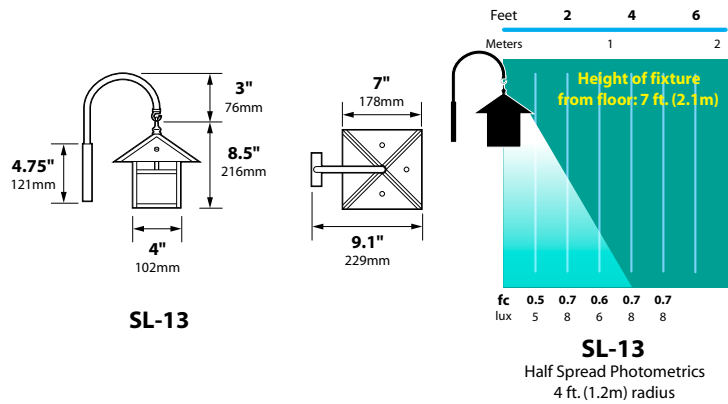
SL-13-LG-LEDP-BAV
4w Flat Panel LED
Solid Brass

SL-13-WM, SL-13LG SPECIFICATIONS:

CONSTRUCTION: Solid brass lantern, stamped and welded

LENS: Gold iridescent glass, Cracked Ice (**-ICE**) plastic lens available

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)

LED OPTIONS: 3w 50,000 hours average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H),

SOCKET: Single contact bayonet, brass nickel plated screw shell (Ba15s)
200°C silicone lead wires

WIRING: Black 5 foot 18/2 zip cord

MOUNTING: Back plate and screws supplied

FINISH: Unfinished brass. Optional finishes

50,000 HOUR LED FLAT PANEL	Omni LEDS by CREE LED	IP44

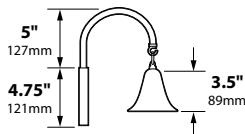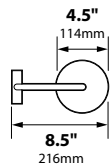| Catalog Number	Description	Finish
SL-13-LEDPBLT	Brass Lantern	Brass with black texture finish
SL-13-LEDPBRS	Brass Lantern	Brass
SL-13LG-LEDPBLT	Large brass wall mount Lantern	Brass with black texture finish
SL-13LG-LEDPBRS	Large brass wall mount Lantern	Brass

SL-13

3" 76mm
8.5" 216mm
4.75" 121mm
4" 102mm
7" 178mm
9.1" 229mm

| Feet | 2 | 4 | 6 |
| Meters | 1 | | 2 |

Height of fixture from floor: 7 ft. (2.1m)

fc	0.5	0.7	0.6	0.7	0.7
lux	5	8	6	8	8

SL-13
Half Spread Photometrics
4 ft. (1.2m) radius

SL-13-LG

10.5" 267mm
5.00" 127mm
12.00" 304mm
11.00" 279mm
9.00" 229mm
8" 203mm

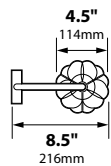| Feet | 2 | 4 | 6 |
| Meters | 1 | | 2 |

Height of fixture from floor: 7 ft. (2.1m)

fc	0.5	0.7	0.6	0.7	0.7
lux	5	8	6	8	8

SL-13-LG
Half Spread Photometrics
4 ft. (1.2m) radius

CE c ETL us Intertek

SL-16 -LED3BAV
3w Omni-3 LED (25w max.)
Solid Brass

SL-16-MR16LED-SS
2x 4w ARROW MR16 LED (40w max.)
Stainless Steel

SL-16-D-MR16LED-SS
4w ARROW MR16 LED (20w max.)
Stainless Steel

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SL-16 SPECIFICATIONS:

CONSTRUCTION–SL-16-BRS: Extruded brass cylinder
SL-16: Extruded aluminum cylinder
LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (LED-3)
LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H)
SOCKET: Single contact bayonet, brass nickel plated screw shell (Ba15s) 200°C silicone lead wires
WIRING: Black 5 foot 18/2 zip cord
MOUNTING: FA-24 with screws
FINISH–SL-16-BRS: Unfinished brass
SL-16: Black texture
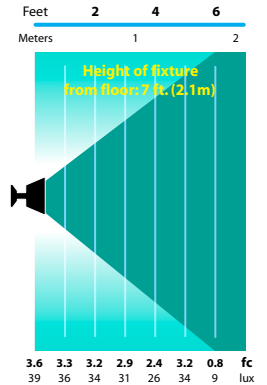Optional finishes available; page

Catalog Number	Description
SL-16-LED3BLT	Wall Mount Cylinder up/down light
SL-16-LED3BRS	Wall Mount Cylinder up/down light

4.7"
119mm

2.5"
64mm

5"
127mm

3"
76mm

Feet 2 4 6
Meters 1 2

Height of fixture
from floor: 7 ft. (2.1m)

3.6	3.3	3.2	2.9	2.4	3.2	0.8	fc
39	36	34	31	26	34	9	lux
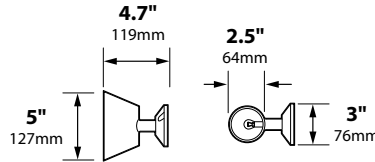
SL-16
Light Distribution and Photometrics
6 ft. (1.8m) radius

SL-16-MR16/-D-SS SPECIFICATIONS:

CONSTRUCTION: 316 stainless steel cylinder and canopy
LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating
LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating
SOCKET: High temperature ceramic GU5.3 Bi-Pin
with 250°C silicone lead wire
WIRING: 2 Black and 2 White 250°C silicone lead wires (12v only)
MOUNTING: Canopy included with 2 stainless steel #2 Phillips,
flat head, wood screws.
FINISH: Machined stainless steel

Catalog Number	Description
SL-16-MR16LEDSS	Wall Mount Cylinder up/down light
SL-16-D-MR16LEDSS	Wall Mount Cylinder down light

.625"
16mm

7.00"
178mm

Ø 3"
76mm

.625"
16mm

4.375"
111mm

Ø 3"
76mm

3.25"
83mm

2.5"
64mm

3.25"
83mm

2.5"
64mm

SL-16-MR16-SS

SL-16-D-MR16-SS
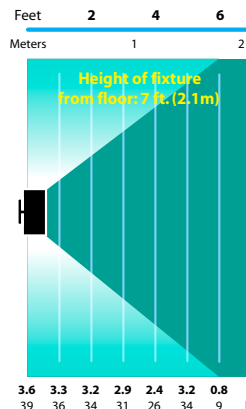
Feet 2 4 6
Meters 1 2

Height of fixture
from floor: 7 ft. (2.1m)

3.6	3.3	3.2	2.9	2.4	3.2	0.8	fc
39	36	34	31	26	34	9	lux

SL-16
Light Distribution and Photometrics
6 ft. (1.8m) radius

Feet 2 4 6
Meters 1 2

Height of fixture
from floor: 7 ft. (2.1m)

3.6	3.3	3.2	2.9	2.4	3.2	0.8	fc
39	36	34	31	26	34	9	lux

SL-16-D
Light Distribution and Photometrics
6 ft. (1.8m) radius

IP54

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Intertek
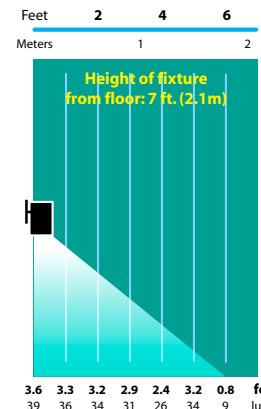
SL-16-D-MR16LED-BRS
4w ARROW MR16 LED (20w max.)
Cast Brass

SL-16-D-MR11LED-BAV
2w ARROW MR11 LED (20w max.)
Cast Brass

SL-16-D-MR8LED-BAR
1.5w ARROW MR8 LED (20w max.)
Cast Brass

SL-16-D-MR16/-MR11/-MR8-BRS SPECIFICATIONS:

CONSTRUCTION: Cast brass; cylinder and canopy

LENS: Clear tempered flat glass

CANOPY GASKET: Black newsponge closed cell .190" thickness

LED SUPPLIED MR16 MODELS: 4w 50,000 hrs ARROW LED

LED OPTIONS MR16 MODELS: 6w 50,000 hrs ARROW LED or 4w ARROW Saver LED 40,000 hours average rating

LED SUPPLIED MR11 MODELS: 2w 50,000 hrs ARROW LED

LED SUPPLIED MR8 MODELS: 1.5w 25,000 hrs ARROW LED)

LEGACY LAMP OPTIONS MR16 MODELS: 20w MR16 ULTRA10,000 hours average rating; 20w MR16 TITAN 18,000 hours average rating

LEGACY LAMP OPTIONS MR11 MODELS: 20w MR11 ULTRA10,000 hours average rating

LAMP OPTIONS MR8 MODELS: 20w MR8 FL(23°); 2000 hours average rating (20w max)

SOCKET: High temperature ceramic GU5.3 bi-pin, 250°C silicone lead wires

WIRING: Black and 2 White 250°C silicone lead wires

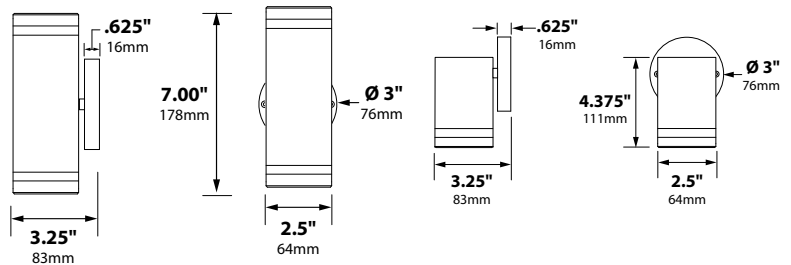**CONNECTION:** FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: Canopy included with 2 brass #2 Phillips, flat head, wood screws

FINISH: Unfinished brass. Optional finishes available

Arrow LED — LEDS by CREE

IP54

CATALOG NO.	DESCRIPTION
SL-16-DMR16-LEDBRS	Brass Down Light
SL-16-DMR11-LEDBRS	Brass Down Light
SL-16-DMR8-LEDBRS	Brass Down Light
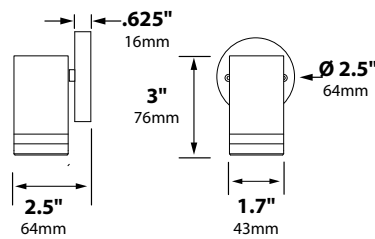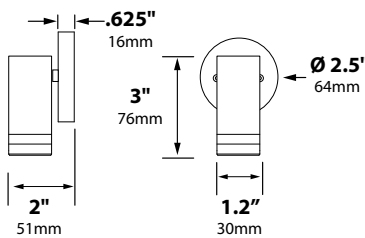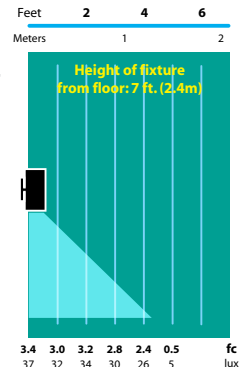
.625" / 16mm
4.375" / 111mm
Ø 3" / 76mm
3.25" / 83mm
2.5" / 64mm

SL-16D-MR16

.625" / 16mm
3" / 76mm
Ø 2.5" / 64mm
2.5" / 64mm
1.7" / 43mm

SL-16D-MR11

.625" / 16mm
3" / 76mm
Ø 2.5" / 64mm
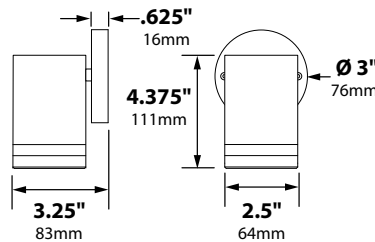2" / 51mm
1.2" / 30mm

SL-16D-MR8

Feet 2 4 6
Meters 1 2
Height of fixture from floor: 7 ft. (2.4m)
H
3.4 / 37, 3.0 / 32, 3.2 / 34, 2.8 / 30, 2.4 / 26, 0.5 / 5 — fc / lux

SL-16-D
Light Distribution and Photometrics
5 ft. (1.5m) radius

Feet 2 4 6
1 2
Height of fixture from floor: 7 ft. (2.4m)
H
3.4 / 37, 3.0 / 32, 3.2 / 34, 2.8 / 30, 2.4 / 26, 0.5 / 5 — fc / lux

SL-11-D
Light Distribution and Photometrics
5 ft. (1.5m) radius

Feet 2 4 6
1 2
Height of fixture from floor: 7 ft. (2.4m)
H
3.4 / 37, 3.0 / 32, 3.2 / 34, 2.8 / 30, 2.4 / 26, 0.5 / 5 — fc / lux

SL-8-D
Light Distribution and Photometrics
5 ft. (1.5m) radius

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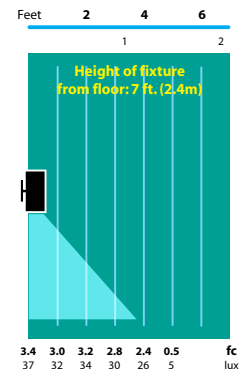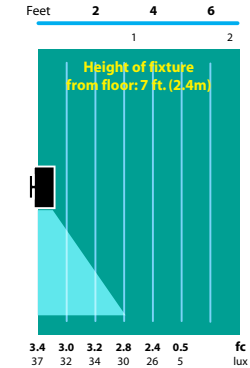
DL-22-CWM2-LED-COP
2x 4w ARROW MR16 LED (35w max.)
Unfinished Copper

DL-22FC-CWM-LED-COP
4w ARROW MR16 LED (35w max.)
Unfinished Copper

SL-52-SH-LED3-BAV
3w Omni-3 LED (20w max.)
Brass

SL-52-ST-LED3-RST
3w Omni-3 LED (20w max.)
Aluminum

DL-22-CWM, DL-22CWM2 SERIES SPECIFICATIONS:

CONSTRUCTION: Copper or aluminum wall mount bullet with brass (copper models) or aluminum 360° adjustable swivel; single and double bullet versions available

LENS: High impact clear tempered convex glass

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black 5 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-24-LGSPUN-COP canopy with hardware and screws supplied

FINISH: Unfinished copper. Optional finishes available
NOTE: 75 watt internal transformer (HW-12-75) available; see ordering information below

IP54

Catalog Number	Description
DL-22-CWMLEDCOP	Copper Bullet
DL-22-CWMTLEDCOP	Copper Bullet & 75w. integral transformer
DL-22-CWM2LEDCOP	2x Copper Bullet
DL-22-CWM2TLEDCOP	2x Copper Bullet & 75w. integral transformer
DL-22-CWMLEDBLT	Aluminum Bullet
DL-22-CWMTLEDBLT	Aluminum Bullet & 75w. integral transformer
DL-22-CWM2LEDBLT	2x Aluminum Bullet
DL-22-CWM2TLEDBLT	2x Aluminum Bullet & 75w. integral transformer

5.25" 133mm   2.125" 54mm
4.5" 114mm   1.125" 29mm

1.125" 29mm   2.125" 54mm
4.5" 114mm   5.25" 133mm

Feet	3	6	9	12	
Meters	1	2	3	4	Beam Width (ft.) (m)
20w 36° angle	2.0 0.59	3.9 1.18	5.8 1.77	7.8 2.37	
	50.7 546	12.7 137	5.7 61	3.2 35	foot-candles (lux)
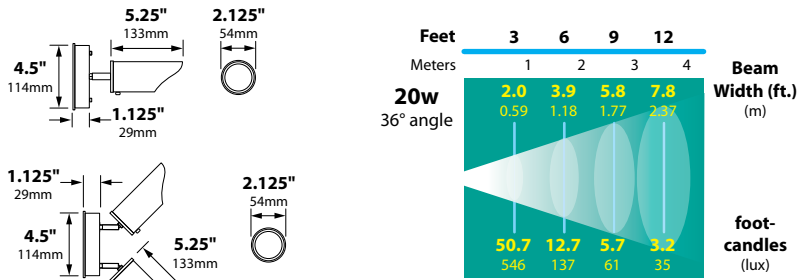
DL-22-CWM Quarter Spread Photometrics

Arrow LED LEDS by CREE

SL-52-SERIES SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or brass shell or starfish

LENS: None

CANOPY GASKET: Black neosponge closed cell .190" thickness

LED SUPPLIED: 3w 50,000 hours average rating OMNI-3 LED (LED-3)
LEGACY LAMP OPTIONS: 10,000 hours average rating Xenon (-X) or Halogen (-H)

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s)

WIRING: Black 3 foot 18/2 zip cord from base of fixture
For 25 foot 16/2 fixture lead wire add -25F to catalog number

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: FA-24-LGCST aluminum or brass canopy with mounting hardware

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes
Brass - Unfinished. Optional finishes

Omni-3 LED LEDS by CREE

Catalog Number	Description
SL-52-SHLED3BLT	Cast Aluminum Shell Light
SL-52-SHLED3BRS	Cast Brass Shell Light
SL-52-STLED3BLT	Cast Aluminum Starfish Light
SL-52-STLED3BRS	Cast Brass Starfish Light

7.00"   6.00"   SL-52-SH
6.00"   6.00"   SL-52-ST

CE   ETL Intertek
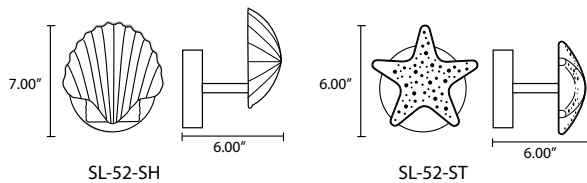
VINYL WALL SCONCES
CUSTOM DESIGNS

Backlit Vinyl Sconces printed on a State of the art 8 color LUCIA pigment printer for the most accurate color reproduction.

Plotter allows for reproduction of virtually any artwork at 2400x1200 dpi

5mil Glossy backlit film is fade resistant

5mil Laminate ensures water resistance and gives 5 year fade warranty

Contact Focus For Details

PLASMA CUT WALL SCONCES

Small .... 6.25" x 7"
Medium .... 7.25" x 10"
Large .... 8.25" x 12"
X-Large .... 9.25" x 16"
Brass or Aluminum
**Custom designs available;
Consult factory**

SL-55S-LP412-BAV
4 watt LED Panel
Brass

SL-55M-LP412-BAR
4 watt LED Panel
Brass

SL-55L-LP5120-CPR
5 watt LED Panel
Aluminum

SL-55X-LP8120-WBR
8 watt LED Panel
Aluminum

SL-55/SL-56 SERIES SPECIFICATIONS:

CONSTRUCTION: Aluminum or brass wall sconce with plasma cut design(s)
SL-55 Up/Down Light version
SL-56 Down Light only version
Available in four sizes: Small (6.25"x7") Medium (7.25" x 10") Large (8.25" x 12") Extra Large (9.25" x 16")
Custom designs*. Consult factory for more information.
LENS: White sand blasted high impact acrylic
CANOPY GASKET: Black neosponge closed cell .190" thickness
LAMP SUPPLIED: 4w, 5w or 8w flat panel LED; 50,000 hours average rating (-LEDP)
LEGACY LAMP OPTIONS: 5w, 7w or 9w CFL (2x 9w max.)
SOCKET: G23 bi-pin; No socket on LED models.
WIRING: 12v: Black 3 foot 18/2 zip cord from base of fixture.
120v: Standard black, white and ground.
MOUNTING: 4" diameter universal crossbar with ground screw.
FINISH: Aluminum - Black texture polyester powder coat.
Brass - Unfinished.
Optional finishes available

| 50,000 HOUR LED FLAT PANEL |
| 50,000 HOUR LED FLAT PANEL |
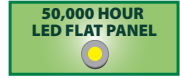
4w,5w,8w,12w Panels

*Custom logo's and designs require that high resolution vector or jpeg artwork be provided. In certain instances artwork may need to be modified so that it may be used by the plasma cutter.

CE ᶜ(ETL)ᵘˢ Intertek

State Of The Art Plasma Cutter

Well Lights – 12 volt/120 volt

SL-01
10w ARROW PAR36 LED
ABS/Aluminum Lamp Holder

SL-01-LEDP3640BRS
10w ARROW PAR36 LED
ABS Lamp Holder

SL-01-SP7-CAM
10w ARROW PAR36 LED
Aluminum

SL-01 SERIES SPECIFICATIONS:

CONSTRUCTION:
SL-01: Black extruded ABS housing; aluminum lamp holder/aiming bracket
SL-01-SP: Black extruded ABS housing; aluminum holder/aiming bracket
SL-01-SP7: Aluminum housing; aluminum lamp holder/aiming bracket

LENS: None. Optional high impact clear tempered convex glass available

LED OPTIONS: 10w ARROW PAR36 LED; 50,000 hours average rating

LEGACY LAMP OPTIONS: PAR36 lamps (50w max)

SOCKET: None, PAR36 lamp supplies connection via 1/4" quick connect or stud terminal

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available

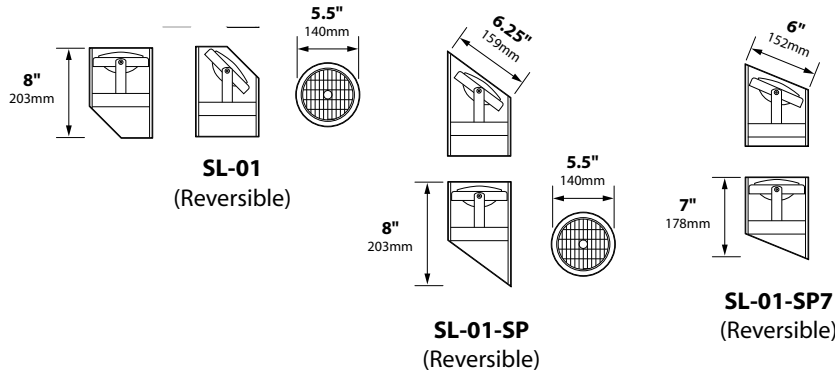| CATALOG NO.	DESCRIPTION	LAMP SUPPLIED
SL-01-LEDP3624	Well Light, aluminum lamp holder	10w PAR36 LED (24˚)
SL-01-LEDP3640	Well Light, aluminum lamp holder	10w PAR36 LED (40˚)
SL-01-LEDP3660	Well Light, aluminum lamp holder	10w PAR36 LED (60˚)
SL-01SP-LEDP3624	Well Light, 30° Cut, aluminum lamp holder	10w PAR36 LED (24˚)
SL-01SP-LEDP3640	Well Light, 30° Cut, aluminum lamp holder	10w PAR36 LED (40˚)
SL-01SP-LEDP3660	Well Light, 30° Cut, aluminum lamp holder	10w PAR36 LED (60˚)
SL-01-SP7P3624BLT	Alum Well Light, 30° Cut, alum lamp holder	10w PAR36 LED (24˚)
SL-01-SP7P3640BLT	Alum Well Light, 30° Cut, alum lamp holder	10w PAR36 LED (40˚)
SL-01-SP7P3660BLT	Alum Well Light, 30° Cut, alum lamp holder	10w PAR36 LED (60˚)
SL-01	Well Light, aluminum lamp holder	36w PAR36 (QWFL)
SL-01-4414	Well Light, aluminum lamp holder	18w PAR36 (MFL)
SL-01-25W-VWFL	Well Light, aluminum lamp holder	25w PAR36 (VWFL)
SL-01-SP	Well Light, 30° Cut, aluminum lamp holder	36w PAR36 (QWFL)
SL-01-SP7-BLT	Alum Well Light, 30° Cut, alum lamp holder	36w PAR36 (QWFL)

SL-01
(Reversible)

SL-01-SP
(Reversible)

SL-01-SP7
(Reversible)

LEDS by CREE

IP44 CE ETL us
Intertek

RECOMMENDED ENHANCEMENTS FOR SL-01 SERIES:
For SL-01, SL-01-4414, SL-01-25W-VWFL only:

FA-12	Clear Convex Tempered Glass Lens
FA-14-CLEAR	Clear Convex Tempered Glass Lens, Cast Alum. Holder Set
FA-14-BRS-CLEAR	Clear Convex Tempered Glass Lens, Cast Brass Holder Set
FA-14-HOLDER-BLT	Cast Aluminum Lens Holder only
FA-14-HOLDER-BRS	Cast Brass Lens Holder only
FA-20-BLT	Cast Aluminum Grate with set screws
FA-20-BRS	Cast Brass Grate with set screws

For SL-01-SP, SL-01-SP-BRS, SL-01-SP-SS only:

FA-12-SP-FLT	Snap-In Flat Clear Acrylic Lens
FA-12-SP-FLT-GREEN	Snap-In Flat Green Acrylic Lens
FA-12-SP-FLT-RED	Snap-In Flat Red Acrylic Lens

SL-01-P36-BLT
10w ARROW PAR36 LED
Aluminum

SL-03 SERIES SPECIFICATIONS:

CONSTRUCTION:
SL-03: Black extruded ABS housing; cast aluminum or cast brass fixture; cast aluminum or cast brass lens holder & high impact clear tempered convex glass lens
SL-03-AC: Black extruded ABS housing, angle cut; cast aluminum or cast brass fixture
SL-01-ECAC: Black extruded ABS housing, angle cut; cast brass fixture with cast brass angle cap

LENS:
SL-03: High impact clear tempered flat glass
SL-03-AC & SL-03-ECAC: High impact clear tempered convex glass

LED SUPPLIED: 4w 50,000 hrs ARROW LED

LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires

WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

FINISH:
Fixture Assembly: Unfinished brass. Optional finishes available
Aluminum Lens Holder: Black texture polyester powder coat. Optional finishes available
Brass Lens Holder: Unfinished brass. Optional finishes available

IP54

Product Images (left column)

SL-03-LEDBRS w/FA-19-BAR (Grate)
4w ARROW MR16 LED
Solid Brass

SL-03-EC-AC-MR16LEDBRS
4w ARROW MR16 LED
ABS/Brass

SL-03-LEDBRS
4w ARROW MR16 LED
Solid Brass with Convex Lens

CATALOG NO.	DESCRIPTION
SL-03-BLT	Well Light, Aluminum Fixture & Lens Holder
SL-03-BRS	Well Light, Brass Fixture & Lens Holder
SL-03-AC-BLT	Well Light, Angle Cut, Aluminum Fixture
SL-03-AC-BRS	Well Light, Angle Cut, Brass Fixture
SL-03-ECAC-BRS	Well Light, Angle Cut, Brass Fixture & Brass Angle Cap

ARROW LED
LEDS by CREE

4.5" 114mm — 3.375" 86mm — 7.5" 191mm

SL-03

4.5" 114mm — 3.375" 86mm — 7.5" 191mm

SL-03-AC
Reversible

4.5" 114mm — 3.375" 86mm — 7.5" 191mm

SL-03-EC-AC
Reversible
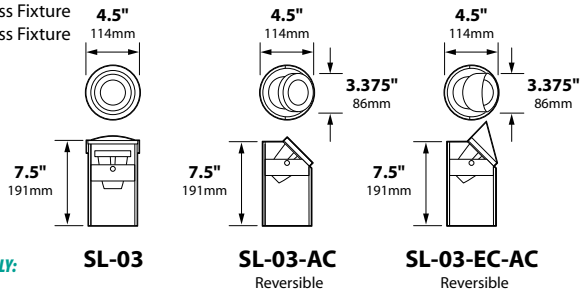
RECOMMENDED ENHANCEMENTS FOR SL-03 SERIES ONLY:
Not For SL-01-AC or SL-03-ECAC

FA-08-21	Round 1/8"Hex Cell Louver
FA-11-BLUE	Blue Tempered Glass Lens
FA-15	Clear Tempered Convex Glass Lens
FA-16-BLUE	Blue Tempered Convex Glass Lens
FA-16-GREEN	Green Tempered Convex Glass Lens
FA-17-CLEAR	Tempered Glass Lens and Cast Aluminum Holder Set
FA-17-BLUE	Blue Tempered Glass Lens and Cast Aluminum Holder Set
FA-17-BRS-CLEAR	Clear Tempered Glass Lens and Cast Brass Holder Set
FA-17-BRS-BLUE	Blue Tempered Glass Lens and Cast Brass Holder Set
FA-17-HOLDER-BLT	Cast Aluminum Lens Holder only (black texture)
FA-17-HOLDER-BRS	Cast Brass Lens Holder only
FA-19-BLT	Cast Aluminum Grate with set screws (black texture)
FA-19-BRS	Cast Brass Grate with set screws

CE ETL Listed Intertek

SL-20 SM -L-MR16LED -BAV with FA-135
4w ARROW MR16 LED
Composite Body/Brass Ring & Eyebrow

SL-20- SM L-LED-BRS
4w ARROW MR16 LED
Composite Body / Brass Ring

SL-20-SM SERIES SPECIFICATIONS:

CONSTRUCTION:
BODY: Fiberglass reinforced bronze composite with molded brass inserts for screws
LENS HOLDER & GRATE: Fiberglass reinforced bronze composite, cast aluminum or cast brass
GASKET: Red high tempered silicone
LENS: High impact clear tempered convex glass
LED SUPPLIED 12v: LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating
LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating
LED SUPPLIED 120v: 9w ARROW LED PAR20; 50,000 hours average rating
SOCKET 12v: High temperature ceramic GU5.3 Bi-pin with 250° silicone lead wires
SOCKET 120v: High temperature ceramic medium base with 250°C silicone lead wires
REFLECTOR: Spun aluminum painted gloss white
WIRING 12v: Black 4ft. 18/2 zip cord
WIRING 120v: Standard 120v Black, White and Ground 9" lead wires
CONNECTION: FA-05 Quick Connector for 12v model only (not supplied)
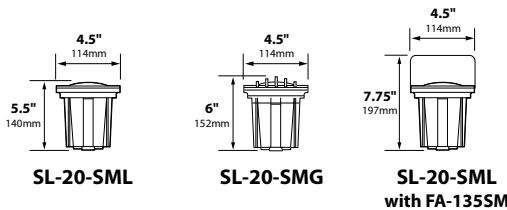**FINISH:** Composite - Bronze
Aluminum Lens Holder/Grate - Black texture polyester powder coat. Optional finishes available
Brass Lens Holder/Grate - Unfinished brass. Optional finishes available

Catalog Number	Description	Lamp Supplied
12 VOLT		
SL-20SML-MR16LED	Sealed composite Mini Well light w/lens holder	MR16 LED (12v)
SL-20SML-MR16LEDBLT	Sealed composite Mini Well light w/aluminum lens holder	MR16 LED (12v)
SL-20SML-MR16LEDBRS	Sealed composite Mini Well light w/brass lens holder	MR16 LED (12v)
SL-20SMG-MR16LED	Sealed composite Mini Well light w/grate	MR16 LED (12v)
SL-20SMG-MR16LEDBLT	Sealed composite Mini Well light w/aluminum grate	MR16 LED (12v)
SL-20SMG-MR16LEDBRS	Sealed composite Mini Well light w/brass grate	MR16 LED (12v)
120 VOLT		
SL-20SML-120vLED	120v sealed Composite Mini Well light w/lens holder	PAR20 LED (120v)
SL-20SML-120vLEDBLT	120v sealed composite Mini Well light w/aluminum lens holder	PAR20 LED (120v)
SL-20SML-120vLEDBRS	120v sealed composite Mini Well light w/brass lens holder	PAR20 LED (120v)
SL-20SMG120vLED	120v sealed composite Mini Well light w/grate	PAR20 LED (120v)
SL-20SMG-120v-LEDBLT	120v sealed composite Mini Well light w/aluminum grate	PAR20 LED (120v)
SL-20SMG-120vLEDBRS	120v sealed composite Mini Well light w/brass grate	PAR20 LED (120v

RECOMMENDED ENHANCEMENTS FOR SL-20-SM

Catalog Number	Description
FA-08-SL20SM	Round 1/4" hex cell louver
FA-10-SL20SMBLUE/GREEN	Flat Blue/Green Tempered Glass Lens. Specify color
FA-133SM	Composite lens holder
FA-133SM-COLOR	Cast aluminum lens holder
FA-133SM-BRS	Cast brass lens holder
FA-134SM	Composite grate
FA-134SM-COLOR	Cast aluminum grate
FA-134SM-BRS	Cast brass grate
FA-135SM-COLOR	Stamped aluminum eyebrow
FA-135SM-BRS	Stamped brass eyebrow

4.5"
114mm
5.5"
140mm
SL-20-SML

4.5"
114mm
6"
152mm
SL-20-SMG

4.5"
114mm
7.75"
197mm
**SL-20-SML
with FA-135SM**

**BOTTOM
2 Female 1/2" NPS threaded
ports available upon request**

SL-20-SM-G-MR16LED-BAR
4w ARROW MR16 LED
Composite Body / Brass Grate

Custom Trims & Materials
Also Available

Arrow LED
LEDS by CREE

IP65

Beam Width (ft.) (m)	20w 36° angle	foot-candles (lux)
12 / 4	7.8 / 2.37	3.2 / 35
9 / 3	5.8 / 1.77	5.7 / 61
6 / 2	3.9 / 1.18	12.7 / 137
3 / 1	2.0 / 0.59	50.7 / 546

Feet Meters
20w MR16 FL (BAB)

CE ETL Listed c us
Intertek
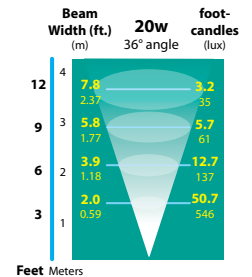
SL-20-SM-M-MR16LED-CPR
4w ARROW MR16 LED
Composite Body / Aluminum Cover

SL-20-SM-M-MR16LED-BRT
4w ARROW MR16 LED
Composite Body / Aluminum Cover

SL-20-MD-G-NL-HID-BRS
Supplied Without Lamp
Composite Body/Brass Grate

SL-20-SM-M SERIES SPECIFICATIONS:

CONSTRUCTION:
BODY: Fiberglass reinforced bronze composite with molded brass inserts for screws
MARKER DOME: Cast aluminum or cast brass
LENS: High impact clear tempered convex glass

O-RING: High temperature red silicone

REFLECTOR: Highly polished specular aluminum
LED SUPPLIED 12v: 4w 50,000 hrs ARROW LED
LED OPTIONS 12v: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating
LED SUPPLIED 120v: 9w ARROW LED PAR20; 50,000 hours average rating

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only) 12v only

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

Custom Trims &
Materials
Also Available

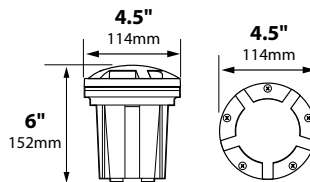| CATALOG NO.	DESCRIPTION	LAMP SUPPLIED
SL-20-SMMMR16-BLT	Well Light, Aluminum Marker	MR16 LED (12v)
SL-20-SMMMR16-BRS	Well Light, Brass Marker	MR16 LED (12v)
SL-20-SMMNL120V-BLT	Well Light, Aluminum Marker	PAR20 LED (120v)
SL-20-SMMNL120V-BRS	Well Light, Brass Marker	PAR20 LED (120v)

IP65

4.5" 114mm
4.5" 114mm
6" 152mm

2 Female 1/2" NPS threaded ports available upon request

BOTTOM

SL-20MD SERIES SPECIFICATIONS:

CONSTRUCTION:
BODY: Fiberglass reinforced bronze composite with molded brass inserts for screws
LENS HOLDER & GRATE: Fiberglass reinforced bronze composite, cast aluminum or cast brass

LENS: High impact clear tempered convex glass

LED SUPPLIED 12v: 4w ARROW LED 50,000 hours average rating
LED OPTIONS 12v: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS 12v: 20w MR16 ULTRA10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating;

LED OPTIONS 120v: 9w PAR20 Arrow LED, 15w, PAR30 Arrow LED or 21w PAR38 Arrow LED.
All with 50,000 hour average rating.

SOCKET 12v: MR16: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
PAR36: None, PAR36 lamp supplies connection via 1/4" quick connect or stud terminal

SOCKET 120v: PAR Lamps: High temperature ceramic medium base, 250° C silicone lead wires (150w max)
H.I.D. PAR Lamps: High temperature ceramic medium base - 600 volts, 660 watts 4 K.V. pulse rated.
Brass nickel-plate screw shell with 250°C lead wires (100w max)

REFLECTOR: Highly polished specular aluminum

WIRING 12v: Black 4 foot 18/2 zip cord from base of fixture
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

WIRING: 120v Standard 120v Black, White and Ground 9" lead wires

CONNECTION: FA-05 Quick Connector for 12v model only (not supplied)

FINISH: Composite - Bronze
Aluminum Lens Holder/Grate - Black texture polyester powder coat. Optional finishes available
Brass Lens Holder/Grate - Unfinished brass. Optional finishes available

120v INTEGRAL TRANSFORMER MODELS AVAILABLE, ADD -T TO CATALOG NUMBER
FEATURES 120v INPUT, 12v OUTPUT/75w MAX, DIMMABLE (LINE SIDE)
NOT FOR USE WITH LED LAMPS

NOTE: Aiming Bracket available for PAR20 and PAR30 lamps (add -AB to catalog number)
PAR20 has 30° aiming & PAR30 has 15° aiming

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SL-03-EC-AC-MR16LEDBRS
4w ARROW MR16 LED
ABS/Brass

SL-03-SP7LEDCAM
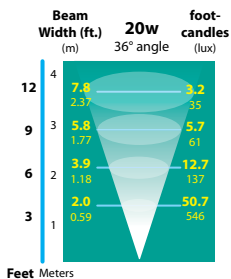4w ARROW MR16 LED
Aluminum

Well Lights – 12 volt/120 volt

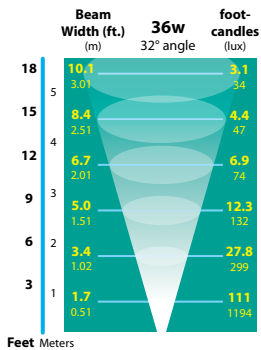**SL-20-MD-L-NL-120V-BAV**

Composite Body/Brass Lens Holder

SL-20-MD-L-NL-120V-BAR • w/FA-135-BAR

Composite Body/Brass Grate & Eyebrow

ORDERING INFORMATION 12v

CATALOG NO.	DESCRIPTION	LAMP SUPPLIED
SL-20-MDLMR16LED	Well Light, Composite Lens Holder	4w MR16 LED
SL-20-MDLMR16LEDBLT	Well Light, Aluminum Lens Holder	4w MR16 LED
SL-20-MDLMR16LEDBRS	Well Light, Brass Lens Holder	4w MR16 LED
SL-20-MDGMR16LED	Well Light, Composite Grate	4w MR16 LED
SL-20-MDGMR16LEDBLT	Well Light, Aluminum Grate	4w MR16 LED
SL-20-MDGMR16LEDBRS	Well Light, Brass Grate	4w MR16 LED
SL-20-MDLPAR36LED	Well Light, Composite Lens Holder	10w PAR36 LED
SL-20-MDLPAR36LEDBLT	Well Light, Aluminum Lens Holder	10w PAR36 LED
SL-20-MDLPAR36LEDBRS	Well Light, Brass Lens Holder	10w PAR36 LED
SL-20-MDGPAR36LED	Well Light, Composite Grate	10w PAR36 LED
SL-20-MDGPAR36LEDBLT	Well Light, Aluminum Grate	10w PAR36 LED
SL-20-MDGPAR36LEDBRS	Well Light, Brass Grate	10w PAR36 LED

ORDERING INFORMATION 120v

CATALOG NO.	DESCRIPTION	LAMP SUPPLIED
PAR SERIES		
SL-20-MDL-NL120VLED	Well Light, Composite Lens Holder	PAR20/30/38 LED
SL-20-MDL-NL120VLEDBLT	Well Light, Aluminum Lens Holder	PAR20/30/38 LED
SL-20-MDL-NL120VLEDBRS	Well Light, Brass Lens Holder	PAR20/30/38 LED
SL-20-MDG-NL120VLED	Well Light, Composite Grate	PAR20/30/38 LED
SL-20-MDG-NL120VLEDBLT	Well Light, Aluminum Grate	PAR20/30/38 LED
SL-20-MDG-NL120VLEDBRS	Well Light, Brass Grate	PAR20/30/38 LED

H.I.D. PAR SERIES (SPECIFY LAMP TO BE USED)
50w TO 100w HID R/PAR20, R/PAR30, R/PAR38 LAMPS
EXTERNAL BALLAST REQUIRED

SL-20-MDL-NLHID	Well Light, Composite Lens Holder	No Lamp, Med Base
SL-20-MDL-NLHID-BLT	Well Light, Aluminum Lens Holder	No Lamp, Med Base
SL-20-MDL-NLHID-BRS	Well Light, Brass Lens Holder	No Lamp, Med Base
SL-20-MDG-NLHID	Well Light, Composite Grate	No Lamp, Med Base
SL-20-MDG-NLHID-BLT	Well Light, Aluminum Grate	No Lamp, Med Base
SL-20-MDG-NLHID-BRS	Well Light, Brass Grate	No Lamp, Med Base

RECOMMENDED ENHANCEMENTS FOR SL-20MD SERIES:

FA-08-SL20	Round 1/4" Hex Cell Louver
FA-10-SL20-CLEAR	Round 1/4" Clear Tempered Glass
FA-10-SL20-BLUE	Blue Tempered Flat Glass
FA-10-SL20-GREEN	Green Tempered Flat Glass
FA-133	Cast Aluminum Lens Holder
FA-133-BRS	Cast Brass Lens Holder
FA-134	Cast Aluminum Grate
FA-134-BRS	Cast Brass Grate
FA-135	Stamped Aluminum Eyebrow
FA-135-BRS	Stamped Brass Eyebrow

Custom Trims &
Materials
Also Available

20w MR16 FL (BAB)

Beam Width (ft.) (m)	20w 36° angle	foot-candles (lux)
12 / 4	7.8 / 2.37	3.2 / 35
9 / 3	5.8 / 1.77	5.7 / 61
6 / 2	3.9 / 1.18	12.7 / 137
3 / 1	2.0 / 0.59	50.7 / 546

Feet Meters

20w MR16 FL (BAB)

36 watt PAR36 (QWFL)

Beam Width (ft.) (m)	36w 32° angle	foot-candles (lux)
18 / 5	10.1 / 3.01	3.1 / 34
15 / 4	8.4 / 2.51	4.4 / 47
12 / 4	6.7 / 2.01	6.9 / 74
9 / 3	5.0 / 1.51	12.3 / 132
6 / 2	3.4 / 1.02	27.8 / 299
3 / 1	1.7 / 0.51	111 / 1194

Feet Meters

36 watt PAR36 (QWFL)

Arrow LED
LEDS by CREE

CE ETL Intertek **IP65**

SL-20-MDL — 7.25" 184mm — 8.75" 222mm

SL-20-MDG — 7.25" 184mm — 9.25" 235mm

SL-20-MDL with FA-135MD — 7.25" 184mm — 11.75" 298mm

BOTTOM

**2 Female 3/4" NPS &
3 Female 1/2" NPS
threaded ports available**

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SL-20-MD-LEDM SERIES SPECIFICATIONS:

CONSTRUCTION:
BODY: Fiberglass reinforced bronze composite with molded brass inserts for screws
LENS HOLDER & GRATE: Fiberglass reinforced bronze composite, cast aluminum or cast brass
LENS: High impact clear tempered convex glass

LIGHT SOURCE: Integrated 7w, 11w or 15w LED module (equivalent to 35w or 50w halogen) with 6 high power Cree XPE LEDs; 50,000 hours average rating

OPTICS: Interchangeable spot (15°) and flood (40°) or Wide Flood (no optics)

DRIVER: Integrated on-board, no external driver required. 12v AC/DC input.
Voltage range 9-18v; Optimum operating range 12v-15v

SOCKET: LED module - integrated hard wire, no socket

WIRING: Black 4 foot 18/2 zip cord from base of fixture
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only)

FINISH: Composite - Bronze
Aluminum Lens Holder/Grate - Black texture polyester powder coat. Optional finishes available
Brass Lens Holder/Grate - Unfinished brass. Optional finishes available
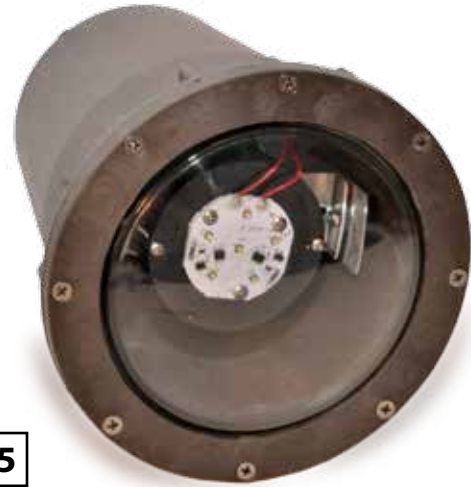
IP65

ORDERING INFORMATION

CATALOG NUMBER*	OPTICS PACKAGE	LENS HOLDER / GRATE MATERIAL	LIGHT SOURCE
SL-20-MDLLEDM7WF	160˚ Wide Flood (No Optics)	Composite Lens Holder	7w LED Module
SL-20-MDLLEDM715	15° Spot Optics	Composite Lens Holder	7w LED Module
SL-20-MDLLEDM740	40° Flood Optics	Composite Lens Holder	7w LED Module
SL-20-MDLLEDM760	60° Flood Optics	Composite Lens Holder	7w LED Module
SL-20-MDLLEDM7WF-BLT	160˚ Wide Flood (No Optics)	Aluminum Lens Holder, Black Texture	7w LED Module
SL-20-MDLLEDM715-BLT	15° Spot Optics	Aluminum Lens Holder, Black Texture	7w LED Module
SL-20-MDLLEDM740-BLT	40° Flood Optics	Aluminum Lens Holder, Black Texture	7w LED Module
SL-20-MDLLEDM760-BLT	60° Flood Optics	Aluminum Lens Holder, Black Texture	7w LED Module
SL-20-MDLLEDM7WF-BRS	160˚ Wide Flood (No Optics)	Brass Lens Holder	7w LED Module
SL-20-MDLLEDM715-BRS	15° Spot Optics	Brass Lens Holder	7w LED Module
SL-20-MDLLEDM740-BRS	40° Flood Optics	Brass Lens Holder	7w LED Module
SL-20-MDLLEDM760-BRS	60° Flood Optics	Brass Lens Holder	7w LED Module
SL-20-MDGLEDM7WF	160˚ Wide Flood (No Optics)	Composite Grate	7w LED Module
SL-20-MDGLEDM715	15° Spot Optics	Composite Grate	7w LED Module
SL-20-MDLLEDM740	40° Flood Optics	Composite Grate	7w LED Module
SL-20-MDLLEDM760	60° Flood Optics	Composite Grate	7w LED Module
SL-20-MDGLEDM7WF-BLT	160˚ Wide Flood (No Optics)	Aluminum Grate, Black Texture	7w LED Module
SL-20-MDGLEDM715-BLT	15° Spot Optics	Aluminum Grate, Black Texture	7w LED Module
SL-20-MDGLEDM740-BLT	40° Flood Optics	Aluminum Grate, Black Texture	7w LED Module
SL-20-MDGLEDM760-BLT	60° Flood Optics	Aluminum Grate, Black Texture	7w LED Module
SL-20-MDGLEDM7WF-BRS	160˚ Wide Flood (No Optics)	Brass Grate	7w LED Module
SL-20-MDGLEDM715-BRS	15° Spot Optics	Brass Grate	7w LED Module
SL-20-MDGLEDM740-BRS	40° Flood Optics	Brass Grate	7w LED Module
SL-20-MDGLEDM760-BRS	60° Flood Optics	Brass Grate	7w LED Module

* Note: For 11w or 15w model substitute 11 or 15 in base part number eg: SL-20-MDLLEDM11WF ships with the 11w module

For 120V models add -120V to part number

ACCESSORIES

CATALOG NO.	DESCRIPTION
FA-133-BLT / -BRS	Cast Aluminum or Brass Lens Holder
FA-134-BLT / -BRS	Cast Aluminum or Brass Grate
FA-135-BLT / -BRS	Stamped Aluminum or Brass Eyebrow
FA-08-SL20	Round 1/4" Mini Cell Louver
FA-10-SG-SL20	Flat Stepped Tempered Glass Lens
FA-10-SL20AMBER	Flat Amber Tempered Glass Lens
FA-10-SL20BLUE	Flat Blue Tempered Glass Lens
FA-10-SL20GREEN	Flat Green Tempered Glass Lens
FA-10-SL20RED	Flat Red Tempered Glass Lens
FA-FORM-SL20	Concrete form for SL-20-MD Series
FA-LENS-640	40˚ Optic Lens (Flood)
FA-LENS-615	15˚ Optic Lens (Spot)

GOGREEN

IP65

Optics
FA-LENS-640 (40˚ Flood)
FA-LENS-660 (60˚ Flood)
FA-LENS-625 (15˚ Spot)

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SL-20-LG-L-120-843T-BRS
Supplied Without Lamp
Sealed Composite Body

INTERNAL BALLAST WELL LIGHTS

SL-20-LG-G-120-HPS70 w/FA135LG-BAR
Supplied Without Lamp
Composite Body/Brass Grate/Eyebrow

SL-20-LG SERIES SPECIFICATIONS:

CONSTRUCTION:
BODY: Fiberglass reinforced bronze composite with molded brass inserts for screws
LENS HOLDER & GRATE: Fiberglass reinforced bronze composite, cast aluminum or cast brass

LENS: High impact clear tempered convex glass

LAMP SUPPLIED: None (100w max)

LAMP OPTIONS: ED17 Metal Halide or High Pressure Sodium. See ordering information below

BALLAST: Internal magnetic ballast to correspond with lamp type and wattage.

SOCKET: High temperature ceramic medium base - 600 volts, 660 watts 4 K.V. pulse rated.
Brass nickel-plate screw shell with 250°C lead wires (100w max)

REFLECTOR: Highly polished specular aluminum

WIRING: Standard 120v Black, White and Ground 9" lead wires

FINISH: Composite - Bronze
Aluminum Lens Holder/Grate - Black texture polyester powder coat. Optional finishes available
Brass Lens Holder/Grate - Unfinished brass. Optional finishes available

IP65

CE c(ETL)us Intertek

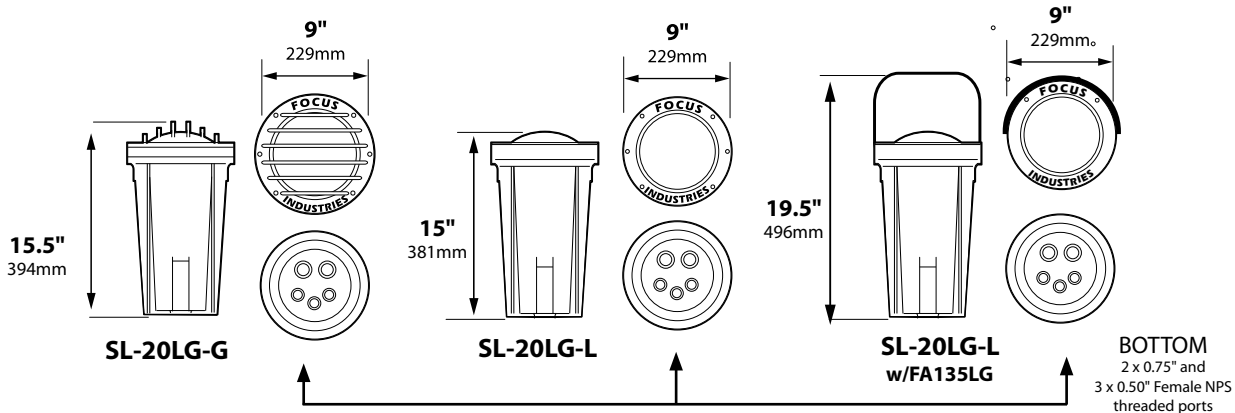| Catalog Number	Lamp Options	Voltage
SEALED COMPOSITE LARGE CONVEX LENSED WELL LIGHT - FOR METAL HALIDE		
SL-20LG-L-120-MH-M130	35w PAR20 and/or 35w PAR30	120v or 277v. (2 taps)
SL-20LG-L-120-MH-M98	70w R40 and/or 70w PAR 38	Multi 120v, 208v., 240v., 277v. (4 taps)
SL-20LG-L-120-MH-M90	100w PAR38	Multi 120v, 208v., 240v., 277v. (4 taps)
SEALED COMPOSITE LARGE CONVEX GRATE WELL LIGHT - FOR METAL HALIDE		
SL-20LG-G-120-MH-M130	35w PAR20 and/or 35w PAR30	120v or 277v. (2 taps)
SL-20LG-G-120-MH-M98	70w R40 and/or 70w PAR 38	Multi 120v, 208v., 240v., 277v. (4 taps)
SL-20LG-G-120-MH-M90	100w PAR38	Multi 120v, 208v., 240v., 277v. (4 taps)
SEALED COMPOSITE LARGE CONVEX LENSED WELL LIGHT - HIGH PRESSURE SODIUM		
SL-20LG-L-120-HPS35	35W-S76 MED, ED17	120v
SL-20LG-L-120-HPS50	50W-S68 MED, ED17	120v / 277v.
SL-20LG-L-120-HPS70	70W-S62 MED, ED17	Multi 120v, 208v., 240v., 277v. (4 taps)
SL-20LG-L-120-HPS100	100W-S54 MED, ED17	Same as above
SEALED COMPOSITE LARGE CONVEX GRATE WELL LIGHT - HIGH PRESSURE SODIUM		
SL-20LG-G-120-HPS35	35w-S76 MED, ED17	120v
SL-20LG-G-120-HPS50	50W-S68 MED, ED17	120v / 277v.
SL-20LG-G-120-HPS70	70W-S62 MED, ED17	Multi 120v, 208v., 240v., 277v. (4 taps)
SL-20LG-G-120-HPS100	100W-S54 MED, ED17	Same as above

RECOMMENDED ENHANCEMENTS FOR SL-20-SM

Catalog Number	Description
FA-08-SL20LG	Round 1/4" hex cell louver
FA-10-SL20LG-Blue/Green	Blue/green tempered flat glass. Specify color Blue or Green
FA-133LG	Composite lens holder
FA-133LG-COLOR*	Cast aluminum lens holder
FA-133LG-BRS**	Cast brass lens holder
FA-134LG	Composite grate
FA-134LG-COLOR*	Cast aluminum grate
FA-134LG-BRS**	Cast brass grate
FA-135LG-COLOR*	Stamped Aluminum eyebrow
FA-135LG-BRS**	Stamped brass eyebrow

9"
229mm
15.5"
394mm
SL-20LG-G

9"
229mm
15"
381mm
SL-20LG-L

9"
229mm
19.5"
496mm
SL-20LG-L
w/FA135LG

BOTTOM
2 x 0.75" and
3 x 0.50" Female NPS
threaded ports

SL-21 AND SL-21-CONVEX SPECIFICATIONS:

CONSTRUCTION: Black extruded ABS housing; spun aluminum lens holder

LENS:
SL-21: High impact clear tempered flat glass
SL-21-CONVEX: High impact clear tempered convex glass

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

REFLECTOR: Spun aluminum powder coated high reflective white

WIRING: Black 4 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable
(12/2, 10/2 or 8/2 only)

FINISH: Lens holder - Black texture polyester powder coat. Optional finishes available

Catalog Number	Description
SL-21-LEDBLT	ABS Well Light
SL-21-CONVEXLEDBLT	ABS Well Light with convex lens

IP44

SL-21 8" 203mm 3" 76mm

SL-21-CONVEX 8" 203mm 3" 76mm
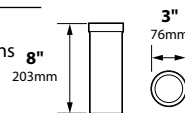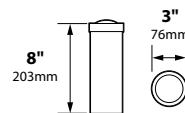
RECOMMENDED ENHANCEMENTS:

FA-08-06	Round 1/8"Hex Cell Louver
FA-10-20-BLUE	Blue Tempered Glass Lens
FA-10-20-GREEN	Green Tempered Glass Lens
FA-98-20	Linear Spread Glass Lens
FA-99-20	Convex Tempred Glass Lens
FA-104-20	Wide Spread Tempered Glass Lens Softener

Arrow LED
LEDS by CREE

SL-21-LED-CONVEX
4w MR16 LED
ABS/Aluminum

CE ETL Intertek

157

SL-36-MR8LED	SL-36-MR11LED	SL-36-MR16LED
1.5w MR8 LED	2w MR11 LED	4w MR16 LED
Solid Copper		

SL-36AC-MR8LED	SL-36AC-MR11LED	SL-36AC-MR16LED
1.5w MR8 LED	2w MR11 LED	4w MR16 LED
Solid Copper		

SL-36 SERIES SPECIFICATIONS:

CONSTRUCTION: Extruded copper stake light with stamped copper lens holder; optional copper angle collar available on -AC models

LENS: High impact clear tempered flat glass

LED SUPPLIED MR16 MODELS: 4w 50,000 hrs ARROW MR16 LED
LED SUPPLIED MR11 MODELS: 2w 50,000 hrs ARROW MR11 LED
LED SUPPLIED MR8 MODELS: 1.5w 50,000 hrs ARROW MR11 LED

LED OPTIONS MR16 MODELS: 6w 50,000 hrs ARROW LED or 4w ARROW Saver LED 40,000 hours
LAMP OPTIONS MR16 MODELS: 20w MR16 ULTRA 10,000 hours average rating; 20w MR16 TITAN 18,000 hours average rating

LAMP OPTIONS MR11 MODELS: 20w MR11 ULTRA 10,000 hours average rating
LAMP OPTIONS MR8 MODELS: 20w MR8 SP (10°)

SOCKET: High temperature ceramic GU5.3 bi-pin, 250°C silicone lead wires

WIRING: Black 4 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

MOUNTING: None required

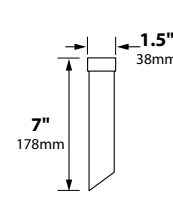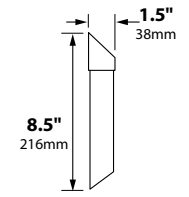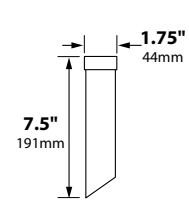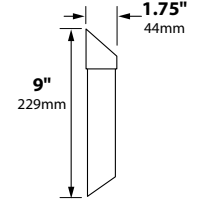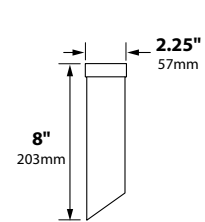**FINISH:** Unfinished copper. Optional finishes available
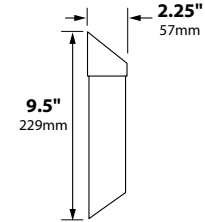
CATALOG NO.	DESCRIPTION	LAMP
SL-36-MR16LEDCOP	2.25" OD copper Stake Light	4w MR16 LED
SL-36-MR16ACLEDCOP	2.25" OD copper Stake Light with Angle Collar	4w MR16 LED
SL-36-MR11LEDCOP	1.75" OD copper Stake Light	2w MR11 LED
SL-36-MR11ACLEDCOP	1.75" OD copper Stake Light with Angle Collar	2w MR11 LED
SL-36-MR8LEDCOP	1.5" OD Copper copper Stake Light	1.5w MR8 LED
SL-36-MR8ACLEDCOP	1.5" OD Copper copper Stake Light with Angle Collar	1.5w MR8 LED

FOR -MR16 MODEL
FA-08-36C-16	Round 1/8" Hex Cell Louver
FA-11-36C-16-BLUE	Blue Tempered Glass Lens
FA-11-36C-16-GREEN	Green Tempered Glass Lens
FA-98-36C-16	Linear Spread Tempered Glass Lens
FA-104-36C-11	Wide Spread Tempered Glass Lens Softener

FOR -MR11 MODEL
FA-08-36C-11	Round 1/8" Hex Cell Louver
FA-11-36C-11-BLUE	Blue Tempered Glass Lens
FA-11-36C-11-GREEN	Green Tempered Glass Lens
FA-98-36C-11	Linear Spread Tempered Glass Lens
FA-104-36C-11	Wide Spread Tempered Glass Lens Softener

FOR -MR8 MODEL
FA-08-36C-8	Round 1/8" Hex Cell Louver
FA-11-36C-8-BLUE	Blue Tempered Glass Lens
FA-11-36C-8-GREEN	Green Tempered Glass Lens
FA-98-36C-8	Linear Spread Tempered Glass Lens
FA-104-36C-8	Wide Spread Tempered Glass Lens Softener

ARROW LED — FOCUS
LEDS by CREE

SL-36-MR8
1.5" 38mm
7" 178mm

SL-36-MR8AC
1.5" 38mm
8.5" 216mm

SL-36-MR11
1.75" 44mm
7.5" 191mm

SL-36-MR11AC
1.75" 44mm
9" 229mm

SL-36-MR16
2.25" 57mm
8" 203mm

SL-36-MR16AC
2.25" 57mm
9.5" 229mm

20w MR8 FL
Beam Width (ft.) (m) — 20w 23° angle — foot-candles (lux)

Feet	Beam Width (ft.)/(m)	foot-candles (lux)
12/3		
9	3.7 / 1.11	7.6 / 82
6/2	2.4 / 0.74	16.9 / 182
3/1	0.5 / 0.15	67.6 / 728

20w MR11 FL (FTD)
Beam Width (ft.) (m) — 20w 30° angle — foot-candles (lux)

Feet	Beam Width (ft.)/(m)	foot-candles (lux)
12/4	6.3 / 1.88	41.7 / 448
9/3	4.7 / 1.41	74.1 / 797
6/2	3.1 / 0.94	167 / 1794
3/1	1.6 / 0.47	667 / 7176

20w MR16 FL (BAB)
Beam Width (ft.) (m) — 20w 36° angle — foot-candles (lux)

Feet	Beam Width (ft.)/(m)	foot-candles (lux)
12/4	7.8 / 2.37	3.2 / 35
9/3	5.8 / 1.77	5.7 / 61
6/2	3.9 / 1.18	12.7 / 137
3/1	2.0 / 0.59	50.7 / 546

IP53   CE   c ETL us Intertek

PGL
Putting Green Lights

PGL-02 SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum or stamped brass body with cast aluminum or brass adjustable swivel; matching extruded aluminum or brass stanchion

REFLECTOR: Diamond embossed specular aluminum

LENS: High impact clear tempered flat glass

GASKET: None

LED SUPPLIED: 4w 50,000 hours average rating LED flat panel (-LEDP)

LEGACY LAMP OPTIONS: 50w T-4 DC halogen; 2,000 hours rating

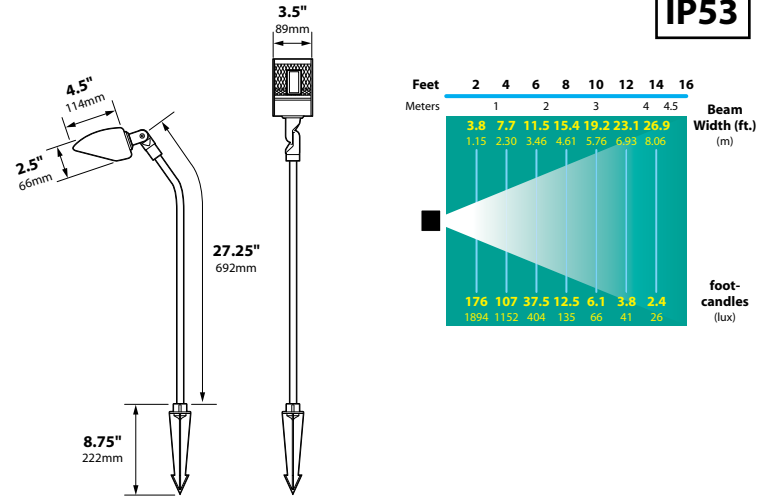**SOCKET:** Double contact bayonet, brass nickel plated lamp socket screw shell (Ba15s) with 200°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available

Catalog Number	Description
PGL-02-LEDPBLT	12v Aluminum Putting Green Light (DL-04 head)
PGL-02-LEDPBRS	12v Brass Putting Green Light (DL-04 head)

PGL-02-LEDP-BLT
4w LED Flat Panel
Extruded Aluminum

50,000 HOUR LED FLAT PANEL

IP53

3.5"
89mm

4.5"
114mm

2.5"
66mm

27.25"
692mm

8.75"
222mm

Feet	2	4	6	8	10	12	14	16	
Meters		1	2		3		4	4.5	
	3.8	7.7	11.5	15.4	19.2	23.1	26.9		Beam Width (ft.)
	1.15	2.30	3.46	4.61	5.76	6.93	8.06		(m)
	176	107	37.5	12.5	6.1	3.8	2.4		foot-candles
	1894	1152	404	135	66	41	26		(lux)

PGL-03 SPECIFICATIONS:

CONSTRUCTION: Cast aluminum or brass Bullet with cast aluminum or brass adjustable swivel; matching extruded aluminum or brass stanchion

LENS: Sandblasted wide spread tempered flat glass

GASKET: Black neosponge closed cell; .190" thickness

LED SUPPLIED: 4w 50,000 hrs ARROW LED

LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA10,000 hours average rating;
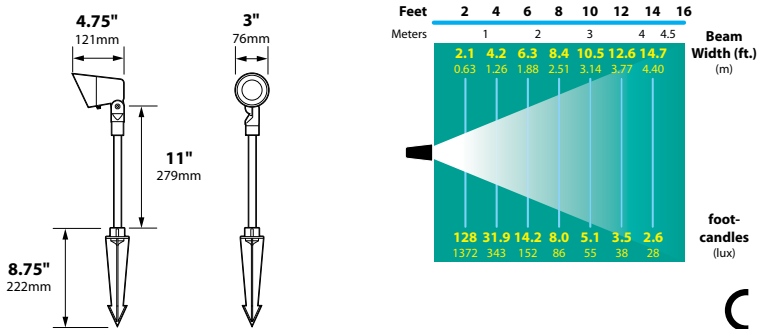20w MR16 TITAN 18,000 hours average rating

SOCKET: High temp cer

SOCKET: High temp ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black 3 foot 18/2 zip cord (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available

Catalog Number	Description
PGL-03-LEDBLT	12v Putting Green Light (DL-21 head)
PGL-03-LEDBRS	12v Putting Green Light (DL-21 head)

PGL-03-LED-BRT
4w MR16 LED (50w max.)
Cast Aluminum

Arrow LED
FOCUS
LEDS by CREE

IP53

4.75"
121mm

3"
76mm

11"
279mm

8.75"
222mm

Feet	2	4	6	8	10	12	14	16	
Meters		1	2		3		4	4.5	
	2.1	4.2	6.3	8.4	10.5	12.6	14.7		Beam Width (ft.)
	0.63	1.26	1.88	2.51	3.14	3.77	4.40		(m)
	128	31.9	14.2	8.0	5.1	3.5	2.6		foot-candles
	1372	343	152	86	55	38	28		(lux)

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PGL-04 SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum fixture head mounted on black extruded ABS post; supplied with two putter holders and drink/ball holder (putters & golf balls not included)

REFLECTOR: Highly polished specular aluminum

LENS: High impact clear acrylic

GASKET: None

LED SUPPLIED: 8w 50,000 hours average rating LED flat panel (-LEDP)

LED OPTIONS: 12v: 3w 50,000 hour average rating OMNI-3 LED (-LED3)

LEGACY LAMP OPTIONS: 120v, 13w CFL T4 single tube, 4100K; 10,000 hour rating (13w max)
-2H20 model: 12v, 2 x 20w T4 SC halogen; 10,000 hour rating (40w max)
-2H35 model: 12v, 2 x 35w T4 DC halogen; 10,000 hour rating (70w max)
-2X20 model: 12v, 2 x 20w T4 SC xenon; 10,000 hour rating (40w max)
120v: 13w CFL T4 single tube, warm white 2700K

LEGACY LAMP OPTIONS: **SOCKET:** GX23 2-pin
-2H20 model: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s) with 200°C silicone lead wires
-2H35 model: Double contact bayonet, brass nickel plated lamp socket screw shell (Ba15d) with 200°C silicone lead wires
-2X20 model: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s) with 200°C silicone lead wires

WIRING:
120v: Standard 120v black, white and ground
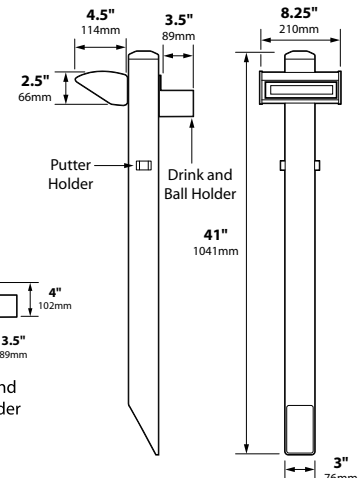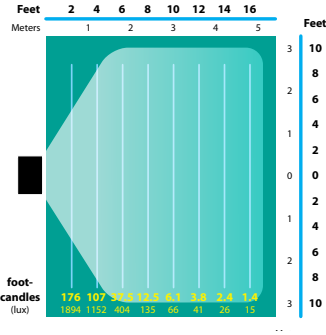**12v:** Black 3 foot 18/2 zip cord (12v. only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

12v CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)
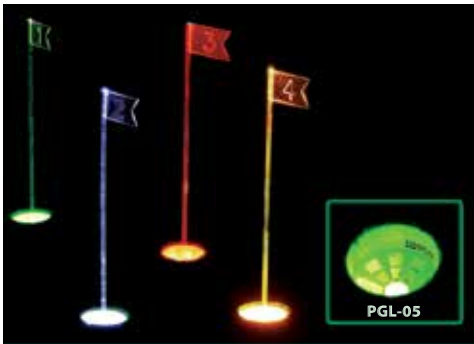
FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available

Accessories not included

PGL-04-LEDP
8w LED Flat Panel
Aluminum/ABS

Omni LED — LEDS by CREE

50,000 HOUR LED FLAT PANEL

IP53

Catalog Number	Description
PGL-04-LEDPBLT	120v Aluminum Flat Panel LED Putting Green Light (LFL-01 head)

Feet	2	4	6	8	10	12	14	16		Feet
Meters	1		2		3		4	5		3 / 10
										2 / 8
										6
										1 / 4
										2
										0 / 0
										1 / 2
										4
										2 / 6
										8
foot-candles (lux)	176 / 1894	107 / 1152	37.5 / 404	12.5 / 135	6.1 / 66	3.8 / 41	2.4 / 26	1.4 / 15		3 / 10

4.5" 114mm
3.5" 89mm
8.25" 210mm
2.5" 66mm

Putter Holder
Drink and Ball Holder

41" 1041mm

6.5" 165mm
4" 102mm
3.5" 89mm

Drink and Ball Holder

3" 76mm

PGL-02-LEDP-BLT
4w LED Flat Panel
Extruded Aluminum

PGL-05LED w/ FA-FLAG illuminated flags
4w MR16 LED
Brass

PGL-05 LED w/ FA-FLAG acrylic flag
4w MR16 LED
Brass

PGL-05 SPECIFICATIONS:

CONSTRUCTION: Cast brass body and cap with stamped brass golf cup holder bracket; plastic golf cup supplied by others

LENS: High impact clear tempered convex glass; optional colored lens inserts available - see ordering information below

LED SUPPLIED: 4w 50,000 hrs ARROW LED

LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
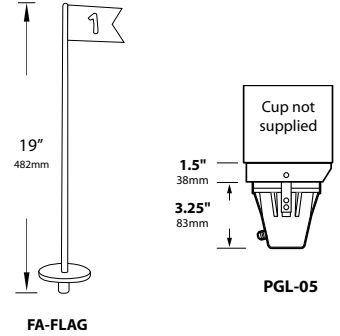
WIRING: 25 feet 16/2 lead wire

MOUNTING: White 12" PVC sleeve

FINISH: Unfinished brass

RECOMMENDED ENHANCEMENTS FOR PGL-05:

FA-FLAG (1-5): Clear Acrylic Flag for PGL-05
19" tall. Specify number(s) when ordering flag(s)

FA-FLAG-24NF: 24" clear acrylic putting flag pole
for PGL-05 w/ knob, no flag

IP68

Arrow LED
LEDS by CREE

19"
482mm

FA-FLAG

Cup not
supplied

1.5"
38mm

3.25"
83mm

PGL-05

Catalog Number	Description
PGL-05-LED	12v Die Cast Cup Light with Stamped Brass Bracket
PGL-05-LEDCOLOR	12v Die Cast Cup Light with Stamped Brass Bracket
	Available in red, green, blue or yellow. Specify color when ordering

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LISTED
Intertek

BQ-03-QCS-SS

BQ-07-QCS-SS

BQ-08-QCS-SS

BQ-09-QCS-SS

QUICK CONNECT SYSTEM NOW AVAILABLE FOR ALL 24" -SS MODELS OF FOCUS BARBECUE LIGHTS. PLUGS-IN FOR USE • UN-PLUGS FOR EASY STORAGE

Just add -QCS to catalog number when ordering (with on/off switch)
Or add -QC to catalog number when ordering (without on/off switch)

ON/OFF SWITCH

New Quick Connect System
- Snaps into receptacle for use
- Unsnaps for easy storage
- Original no switch version (-QC)
- New optional On/Off switch for added versatility (-QCS)
- 12v only

BQ-03-FD SERIES SPECIFICATIONS:

CONSTRUCTION: Heavy-duty spun aluminum or stainless steel bell (BQ-03-FD) or extruded aluminum or stainless steel mini flood (BQ-07-FD) mounted to 24" or 36" (designated **-36**) stainless steel flex arm, chrome plated with black polyolefin shrink cover

MOUNT: Cast stainless steel or aluminum deck mount canopy

SWITCH: On/off push button control with weatherproof rubber boot cover

WIRING: 12v- 18/2 black zip cord, 9 foot length from base of fixture,

WIRING: 120v- 9 foot black SJT-WA grounded power cord

LED SUPPLIED: 12v- 3w OMNI-3 LED 50,000 hrs

LED SUPPLIED: 120v- 3w OMNI-3 LED 50,000 hrs
(w/ 120v LED driver)

LEGACY LAMP OPTIONS: 12v- 20w T3 Halogen
LEGACY LAMP OPTIONS: 120v- 35w DC T3 Halogen

SOCKET: 12v -Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s) with 200°C silicone lead wires

SOCKET: 120v -Double Contact bayonet, brass nickel plated lamp socket screw shell (Ba15d) with 200°C silicone lead wires

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available.
Stainless Steel - Brushed

BQ-03-FD-LED3SS
3w Omni LED
Spun Aluminum Bell

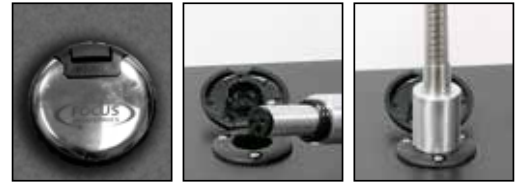| Catalog Number	Description	Arm Length	Lamp
12 VOLT			
Transformer required for all low-voltage BBQ lights, see transformer section for power supply options,			
BQ-03-FD-LED3BLT	Spun Aluminum BBQ Light	24"	3w LED
BQ-03-FD-LED3SS	Spun Stainless Steel BBQ Light	24"	3w LED
BQ-03-FD-36LED3BLT	Spun Aluminum BBQ Light	36"	3w LED
BQ-03-FD-36LED3SS	Spun Stainless Steel BBQ Light	36"	3w LED
120 VOLT			
9 foot black SJT-WA grounded power cord supplied with all 120v Flex Deck**(-FD)** fixtures. 120v LED external driver supplied			
BQ-03-FD-120VLED3BLT	Spun Aluminum BBQ Light	24"	3w LED
BQ-03-FD-120VLED3SS	Spun Stainless Steel BBQ Light	24"	3w LED
BQ-03-FD-120V36LED3BLT	Spun Aluminum BBQ Light	36"	3w LED
BQ-03-FD-120V36LED3SS	Spun Stainless Steel BBQ Light	36"	3w LED
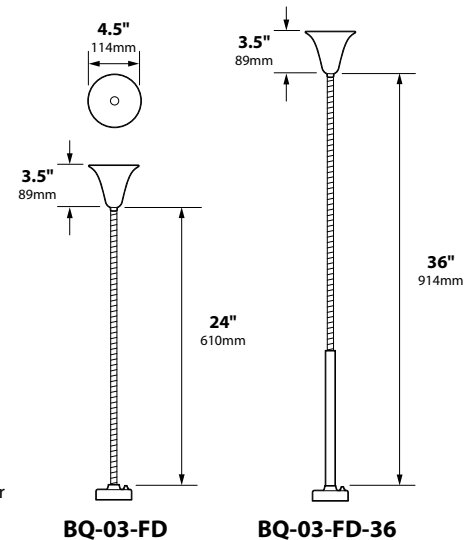
IP54

Note: Drawing of fixtures shown with arm extended upward to illustrate length only. Hat must be pointed downwards for proper operation.

4.5"
114mm

3.5"
89mm

3.5"
89mm

24"
610mm

36"
914mm

BQ-03-FD   **BQ-03-FD-36**

QUICK CONNECT SYSTEM (-QC)

QUICK CONNECT SYSTEM (-QCS) with ON/OFF Switch

BQ-03-QCS-LED3SS
3w Omni LED (35w max.)
Stainless Steel

BQ-03-QC/-QCS SERIES SPECIFICATIONS:

CONSTRUCTION: Heavy-duty stainless steel bell with 24" Stainless steel flex arm. Clear polyolefin shrink cover

MOUNT: Quick Connect flush mount molded base with stainless steel snap shut cover. Machined stainless steel adaptor plug installed on fixture for quick connection

SWITCH: On/off push button control with weatherproof rubber boot cover (-QCS models)

WIRING: 12v- 18/2 black zip cord, 9 foot length from base of fixture

LED SUPPLIED: 12v- 3w OMNI-3 LED 50,000 hrs average rating (LED3)

LEGACY LAMP OPTIONS: 12v- 20w T4 S.C. Halogen, 10,000 hours average rating (20w max)

SOCKET: 12v -Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s) with 200°C silicone lead wires

FINISH: Stainless Steel - Brushed

Catalog Number	Description	Arm Length	Lamp
12 VOLT			
Transformer required for all low-voltage BBQ lights, see transformer section for power supply options,			
BQ-03-QCLED3SS	Spun Stainless Steel BBQ Light	24"	3w LED
BQ-03-QCSLED3SS	Spun Stainless Steel BBQ Light	24"	3w LED
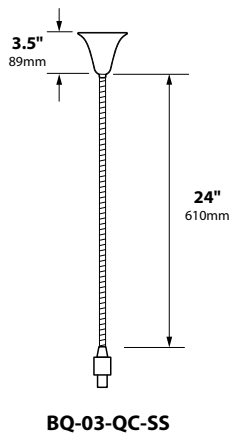
3.5"
89mm

24"
610mm

Note: Drawing of fixtures shown with arm extended upward to illustrate length only. Hat must be pointed downwards for proper operation.

BQ-03-QC-SS

3mni LED
LEDS by CREE

IP54   CE   ETL us Intertek

165

BQ-07-FD SERIES SPECIFICATIONS:

CONSTRUCTION: Heavy-duty extruded aluminum or stainless steel mini flood (BQ-07-FD) mounted to 24" or 36" (designated **-36**) stainless steel flex arm, chrome plated with black polyolefin shrink cover

MOUNT: Cast stainless steel or aluminum deck mount canopy

SWITCH: On/off push button control with weatherproof rubber boot cover

WIRING: 12v- 18/2 black zip cord, 9 foot length from base of fixture,

WIRING: 120v- 9 foot black SJT-WA grounded power cord

LED SUPPLIED: 12v/120v- 4w 50,000 hours average rating LED flat panel (-LEDP**)**

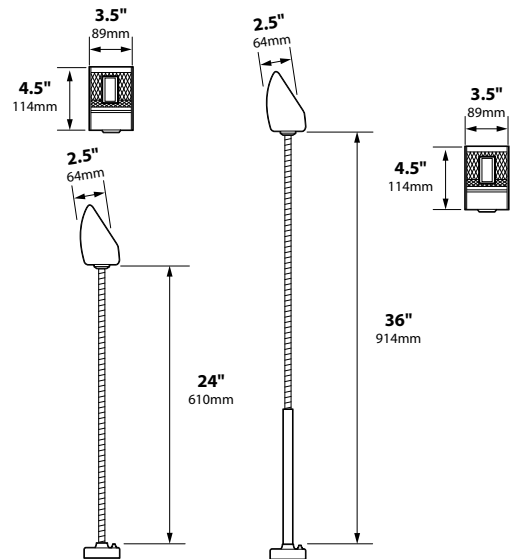**LAMP OPTIONS:** 3w OMNI-3 LED 50,000 hrs average rating (LED3)

LEGACY LAMP OPTIONS: 12v- 20w T3 Halogen; 10000 hours average rating (20w max)

LEGACY LAMP OPTIONS: 120v- 35w T3 DC Halogen; 2000 hours average rating (35w max)

SOCKET: 12v -Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s) with 200°C silicone lead wires

SOCKET: 120v -Double Contact bayonet, brass nickel plated lamp socket screw shell (Ba15d) with 200°C silicone lead wires

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available. Stainless Steel - Brushed

50,000 HOUR LED FLAT PANEL

BQ-07-FD-LEDPSS
4w LED Flat Panel
Extruded Aluminum

Catalog Number	Description	Arm Length	Lamp
12 VOLT			
Transformer required for all low-voltage BBQ lights, see transformer section for power supply options,			
BQ-07-FDLEDPBLT	Aluminum BBQ Light	24"	4w Flat Panel LED
BQ-07-FD-LEDPSS	Stainless Steel BBQ Light	24"	4w Flat Panel LED
BQ-07-FD-36LEDPBLT	Aluminum BBQ Light	36"	4w Flat Panel LED
BQ-07-FD-36LEDPSS	Stainless Steel BBQ Light	36"	4w Flat Panel LED
120 VOLT			
9 foot black SJT-WA grounded power cord supplied with all 120v Flex Deck**(-FD)** fixtures.			
BQ-07-FD-120VLEDPBLT	Aluminum BBQ Light	24"	4w Flat Panel LED
BQ-07-FD-120VLEDPSS	Stainless Steel BBQ Light	24"	4w Flat Panel LED
BQ-07-FD-36-120VLEDPBLT	Aluminum BBQ Light	36"	4w Flat Panel LED
BQ-07-FD-36-120VLEDPSS	Stainless Steel BBQ Light	36"	4w Flat Panel LED

3.5" 89mm
2.5" 64mm
4.5" 114mm
3.5" 89mm
2.5" 64mm
4.5" 114mm
36" 914mm
24" 610mm

BQ-07-FD   **BQ-07-FD-36**

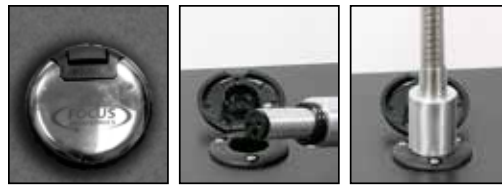**Note**: Drawing of fixtures shown with arm extended upward to illustrate length only. Hat must be pointed downwards for proper operation.

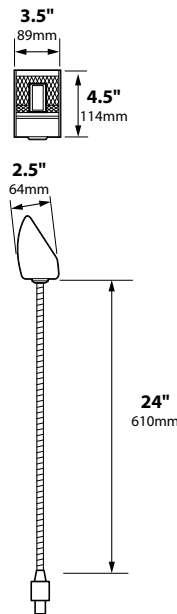**QUICK CONNECT SYSTEM (-QC)**

QUICK CONNECT SYSTEM (-QCS)
with ON/OFF Switch

BQ-07-QCS-LEDP-SS
4w LED Flat Panel
Stainless Steel

50,000 HOUR
LED FLAT PANEL

BQ-07-QC/-QCS SERIES SPECIFICATIONS:

CONSTRUCTION: Heavy-duty stainless steel mini flood mounted to 24" stainless steel flex arm.

MOUNT: Quick Connect flush mount molded base with stainless steel snap shut cover. Machined stainless steel adaptor plug installed on fixture for quick connection

SWITCH: On/off push button control with weatherproof rubber boot cover (-QCS models)

WIRING: 12v- 18/2 black zip cord, 9 foot length from base of fixture,

LAMP SUPPLIED: 12v- 20w T4 S.C. Halogen, 10,000 hours average rating (20w max)

LAMP OPTIONS: 12v- We recommend 3w OMNI-3 LED 50,000 hrs average rating (LED3)

SOCKET: 12v -Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s) with 200°C silicone lead wires

FINISH: Stainless Steel - Brushed

Catalog Number	Description	Arm Length	Lamp
12 VOLT			
Transformer required for all low-voltage BBQ lights, see transformer section for power supply options,			
BQ-07-QCLEDPSS	Stainless Steel BBQ Light	24"	4w Flat Panel LED
BQ-07-QCSLEDPSS	Stainless Steel BBQ Light	24"	4w Flat Panel LED

3.5"
89mm

4.5"
114mm

2.5"
64mm

24"
610mm

BQ-07-QC

Note: Drawing of fixtures shown with arm extended upward to illustrate length only. Hat must be pointed downwards for proper operation.

3mni LEDS by CREE **LED**

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BQ-08-FC-LED-ATV
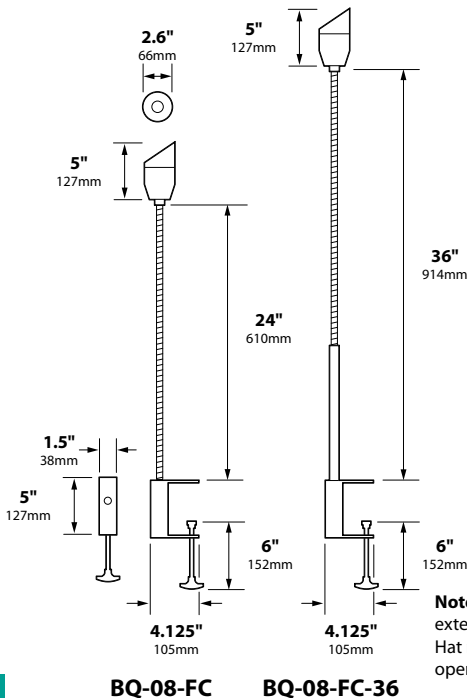4w MR16 LED (20w max.)
Cast Aluminum

BQ-08-FC-LED-SS
4w MR16 LED (20w max.)
Stainless Steel

BQ-08-FC SERIES SPECIFICATIONS:

CONSTRUCTION:

FIXTURE: Cast 316 stainless steel or aluminum Bullet; (consult factory for brass options)

FLEX ARM: 24" Stainless steel flex arm, (36" model available with 12" stainless steel extension)
Clear polyolefin shrink cover on stainless steel (-SS) models;
Black polyolefin shrink cover on aluminum (-BLT) models

CLAMP: 5" heavy duty stainless steel C-clamp with 6" black plastic T-handle

SWITCH: On/Off push button with weatherproof rubber boot cover

WIRING: 12v- 18/2 black zip cord, 9 foot length from base of fixture,

WIRING: 120v- 9 foot black SJT-WA grounded power cord

LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET BQ-08 12v: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

SOCKET BQ-08 120v: High temperature ceramic medium base with 250°C silicone lead wires

LENS: High impact clear tempered flat glass

O-RING: High temperature red silicone

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available.
Stainless Steel - Brushed

Catalog Number	Description	Arm Length	Lamp
12 VOLT			
Transformer required for all low-voltage BBQ lights, see transformer section for power supply options			
BQ-08-FCLEDBLT	Aluminum BBQ Light	24"	4w LED
BQ-08-FCLEDSS	Stainless Steel BBQ Light	24"	4w LED
BQ-08-FC-36LEDBLT	Aluminum BBQ Light	36"	4w LED
BQ-08-FC-36LEDSS	Stainless Steel BBQ Light	36"	4w LED
120 VOLT			
9 foot black SJT-WA grounded power cord supplied with all 120v. Flex Clamp (**-FC**) fixtures.			
BQ-08-FC- MR16-120VLEDBLT	Aluminum BBQ Light	24"	4w LED
BQ-08-FC-MR16-120VLEDSS	Stainless Steel BBQ Light	24"	4w LED
BQ-08-FC-36 MR16-120VLEDBLT	Aluminum BBQ Light	36"	4w LED
BQ-08-FC-36-MR16120VLEDSS	Stainless Steel BBQ Light	36"	4w LED

2.6" 66mm

5" 127mm

5" 127mm

5" 127mm

1.5" 38mm

5" 127mm

36" 914mm

24" 610mm

6" 152mm

6" 152mm

4.125" 105mm

4.125" 105mm

BQ-08-FC   **BQ-08-FC-36**

Note: Drawing of fixtures shown with arm extended upward to illustrate length only. Hat must be pointed downwards for proper operation.

Arrow LED
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LEDS by CREE

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BQ-08-FD-LED-SS
4w MR16 LED (35w max.)
Cast Aluminum Bullet

BQ-08-FD SERIES SPECIFICATIONS:

CONSTRUCTION:

FIXTURE: Cast 316 stainless steel or aluminum Bullet; (consult factory for brass options)

FLEX ARM: 24" Stainless steel flex arm, (36" model available with 12" stainless steel extension) Clear polyolefin shrink cover on stainless steel (-SS) models; Black polyolefin shrink cover on aluminum (-BLT) models

MOUNT: Cast stainless steel or aluminum deck mount canopy

SWITCH: On/Off push button with weatherproof rubber boot cover

WIRING 12v: 18/2 black zip cord, 9 foot length from base of fixture,

WIRING 120v: 9 foot black SJT-WA grounded power cord

LED SUPPLIED: 4w 50,000 hrs ARROW LED

LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
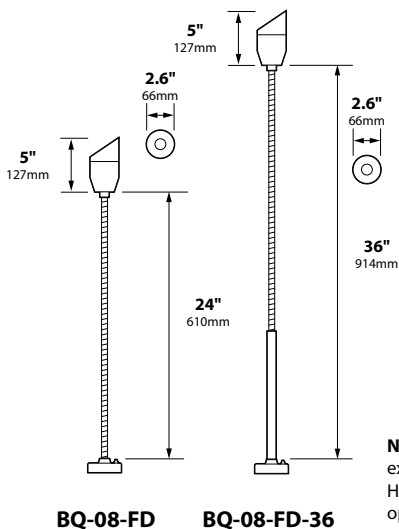20w MR16 TITAN 18,000 hours average rating

SOCKET 12v: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

SOCKET 120v: High temperature ceramic medium base with 250°C silicone lead wires

LENS: High impact clear tempered flat glass

O-RING: High temperature red silicone

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available. Stainless Steel - Brushed

Catalog Number	Description	Arm Length	Lamp
12 VOLT			
Transformer required for all low-voltage BBQ lights, see transformer section for power supply options			
BQ-08-FD-LEDBLT	Aluminum BBQ Light	24"	4w LED
BQ-08-FD-LEDSS	Stainless Steel BBQ Light	24"	4w LED
BQ-08-FD-36LEDBLT	Aluminum BBQ Light	36"	4w LED
BQ-08-FD-36LEDSS	Stainless Steel BBQ Light	36"	4w LED
120 VOLT			
9 foot black SJT-WA grounded power cord supplied with all 120v Flex Deck **(-FD)** fixtures.			
BQ-08-FD- MR16-120VLEDBLT	Aluminum BBQ Light	24"	4w LED
BQ-08-FD-MR16-120VLEDSS	Stainless Steel BBQ Light	24"	4w LED
BQ-08-FD-36 MR16-120VLEDBLT	Aluminum BBQ Lightt	36"	4w LED
BQ-08-FD-36-MR16120VLEDSS	Stainless Steel BBQ Light	36"	4w LED

5"
127mm

2.6"
66mm

2.6"
66mm

5"
127mm

36"
914mm

24"
610mm

BQ-08-FD **BQ-08-FD-36**

Note: Drawing of fixtures shown with arm extended upward to illustrate length only. Hat must be pointed downwards for proper operation.

Arrow **LED**
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BQ-08-FD-LED-SS
4w MR16 LED (20w max.)
Stainless Steel

BQ-09-FD-LED-SS
2w MR11 LED (20w max.)
Stainless Steel

BQ-07-FD-LEDP-SS
4w LED Panel
Stainless Steel

QUICK CONNECT SYSTEM (-QC)

QUICK CONNECT SYSTEM (-QCS)
with ON/OFF Switch

BQ-08-QCS-LED-SS
4w MR16 LED (20w max.)
Stainless Steel

BQ-08-QC/-QCS SERIES SPECIFICATIONS:

CONSTRUCTION: Heavy-duty stainless steel mini flood mounted to 24" stainless steel flex arm.

MOUNT: Quick Connect flush mount molded base with stainless steel snap shut cover. Machined stainless steel adaptor plug installed on fixture for quick connection

SWITCH: On/off push button control with weatherproof rubber boot cover (-QCS models)

**WIRING: 12v-** 18/2 black zip cord, 9 foot length from base of fixture,
LED SUPPLIED: 4w 50,000 hrs ARROW LED
LED OPTIONS: 6w 50,000 hrs ARROW LED or
4w ARROW Saver LED 40,000 hours average rating

LEGACY LAMP OPTIONS: 20w MR16 ULTRA 10,000 hours average rating;
20w MR16 TITAN 18,000 hours average rating

SOCKET: 12v - Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s) with 200°C silicone lead wires
FINISH: Stainless Steel - Brushed
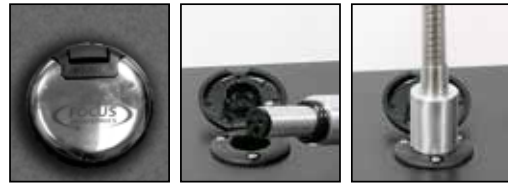
Catalog Number	Description	Arm Length	Lamp
12 VOLT			
Transformer required for all low-voltage BBQ lights, see transformer section for power supply options			
BQ-08-QCLEDSS	Stainless Steel BBQ Light	24"	4w LED
BQ-08-QCSLEDSS	Stainless Steel BBQ Light	24"	4w LED

5.5"
140mm

24"
610mm

BQ-08-QC

Note: Drawing of fixtures shown with arm extended upward to illustrate length only. Hat must be pointed downwards for proper operation.

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Arrow LED
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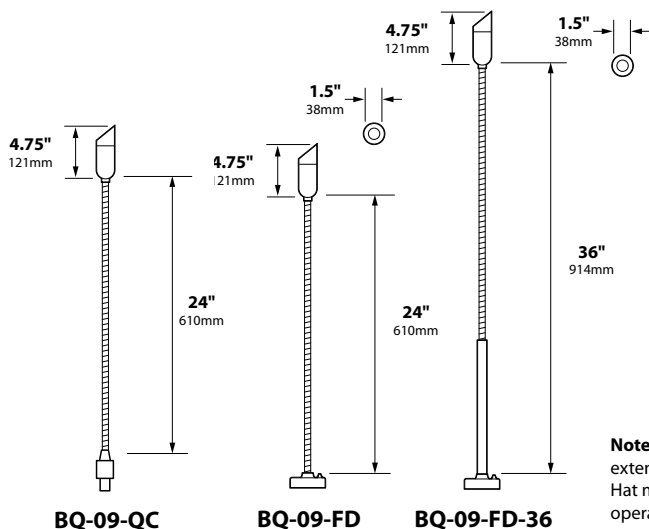
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BQ-09-FD SERIES SPECIFICATIONS:

CONSTRUCTION:
FIXTURE: Cast 316 stainless steel or aluminum Bullet; (consult factory for brass options)

FLEX ARM: 24" Stainless steel flex arm, (36" model available with 12" stainless steel extension)
Clear polyolefin shrink cover on stainless steel (-SS) models;
Black polyolefin shrink cover on aluminum (-BLT) models

MOUNT: Cast stainless steel or aluminum deck mount canopy

SWITCH: On/Off push button with weatherproof rubber boot cover

WIRING: 12v- 18/2 black zip cord, 9 foot length from base of fixture,

LED SUPPLIED: 2w ARROW MR11 LED; 50,000 hours average rating 2
LEGACY LAMP OPTIONS: 20w 10,000 hrs. average rating MR11 ULTRA

SOCKET: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires

LENS: High impact clear tempered flat glass

O-RING: High temperature red silicone

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available.
Stainless Steel - Brushed

BQ-09-FD-36-LED-BLT
2w MR11 LED (20w max.)
Aluminum

BQ-09-QC/-QCS SERIES SPECIFICATIONS:

CONSTRUCTION: Heavy-duty stainless steel mini flood mounted to 24" stainless steel flex arm.

MOUNT: Quick Connect flush mount molded base with stainless steel snap shut cover.
Machined stainless steel adaptor plug installed on fixture for quick connection

SWITCH: On/off push button control with weatherproof rubber boot cover (-QCS models)

WIRING: 18/2 black zip cord, 9 foot length from base of fixture,

LED SUPPLIED: 2w ARROW MR11 LED; 50,000 hours average rating 2
LEGACY LAMP OPTIONS: 20w 10,000 hrs. average rating MR11 ULTRA

SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s) with 200℃ silicone lead wires

FINISH: Stainless Steel - Brushed

BQ-09-QCS-LED-SS
2w MR11 LED (20w max.)
Stainless Steel

Catalog Number	Description	Arm Length	Lamp
12 VOLT			
Transformer required for all low-voltage BBQ lights, see transformer section for power supply options			
BQ-09-FDLEDBLT	Aluminum BBQ Light	24"	2w LED
BQ-09-FDLEDSS	Stainless Steel BBQ Light	24"	2w LED
BQ-09-QCLEDSS	Stainless Steel BBQ Light	24"	2w LED
BQ-09-QCSLEDSS	Stainless Steel BBQ Light	24"	2w LED
BQ-09-FD-36LEDBLT	Aluminum BBQ Light	36"	2w LED
BQ-09-FD-36LEDSS	Stainless Steel BBQ Light	36"	2w LED

4.75" 121mm
1.5" 38mm
24" 610mm
BQ-09-QC

4.75" 121mm
24" 610mm
BQ-09-FD

4.75" 121mm
1.5" 38mm
36" 914mm
BQ-09-FD-36

Note: Drawing of fixtures shown with arm extended upward to illustrate length only. Hat must be pointed downwards for proper operation.

Arrow LED
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BQ-08-WB-SS SPECIFICATIONS:

CONSTRUCTION:

FIXTURE: Cast 316 stainless steel bullet

FLEX ARM: 24" Stainless steel flex arm, clear polyolefin shrink cover

BASE: 7" Diameter, 6 pound weight with stainless steel cover and non-skid rubber padding

LENS: High impact clear tempered flat glass

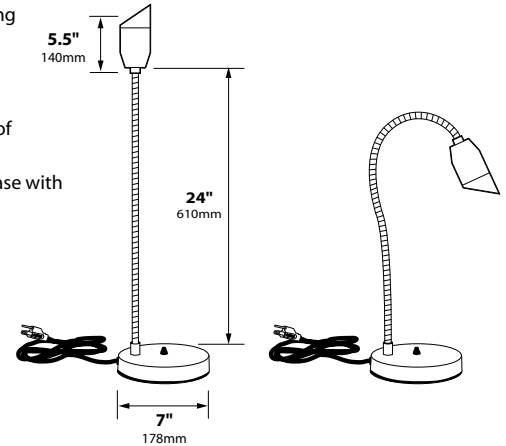**LAMP SUPPLIED:** 35w MR16 (30°) med. base, 2000 hours average rating (35w max)

SWITCH: On/Off push button with weatherproof rubber boot cover

SOCKET: High temperature ceramic medium base with 250°C silicone lead wires

WIRING: 9 foot grounded 120v power cord

FINISH: Stainless Steel - Brushed

Note: 120v only

BQ-08-WB-SS
35w MR16 med. base (35w max.)
Stainless Steel

Catalog Number	Description
BQ-08-WB-SS	Stainless Steel BBQ Light with Weighted Base

5.5"
140mm

24"
610mm

7"
178mm

TRANSFORMERS AND POWER SUPPLIES FOR BQ-SERIES

For LED	For Halogen	For Halogen	For Halogen or LED	For Halogen or LED
HW-12-60-LED 60w LED Driver LED Transformer	**HW-12-75** 75 watt Hardwire Transformer	**PI-12-75** 75 watt Plug-In Transformer	**WM-CHARGER** Battery Charger	**WM-12-BBQ** Battery

UL-03 SPECIFICATIONS:

CONSTRUCTION: Three aluminum, brass or copper bullets with matching 360° swivels

MOUNT: Heavy duty formed aluminum or brass bracket; adjustable from 1-1/4" to 1-3/4" pole sizes

LENS: High impact clear tempered convex glass

O-RING: High temperature red silicone

LED SUPPLIED: 3x 1.5w MR8 LED; 25,000 hours average rating (-LED)

LEGACY LAMP OPTIONS: 3x 10w MR8 (FL) 2000 hours average rating (10w max)

SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

WIRING: Black 10 foot SPT-1W lead wire from fixture
For 25 foot 16/2 fixture lead wire add -25F to catalog number

CONNECTION: See connection and power options below

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished. Optional finishes available
Copper - Unfinished. Optional finishes available

UL-03-LED-BRT
3x 1.5w MR8 LED
Aluminum

1.4"
35mm

2.5"
64mm

3.5"
89mm

Catalog Number	Description	Lamp
UL-03-LEDBLT	3 Aluminum Bullets, Aluminum Mounting Bracket	3x 1.5w LED
UL-03-LEDBRS	3 Brass Bullets, Brass Mounting Bracket	3x 1.5w LED
UL-03-LEDCOP	3 Copper Bullets, Brass Mounting Bracket	3x 1.5w LED
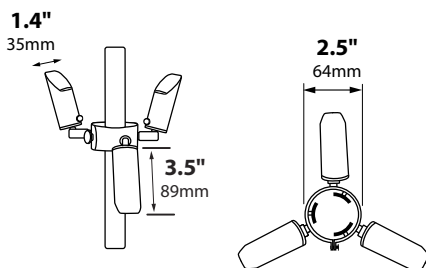
RECOMMENDED ENHANCEMENTS FOR UL-03 SERIES:

FA-05	Quick Connector for 12/2, 10/2, 8/2 Low Voltage Cable
WB-12	Portable 12v Battery (charger not included)
WM-CHARGER	120v AC Charger for WB-12 Portable Battery
PI-12-75	75w Plug-in 12v Electronic Transformer with 10' Lead (120v Input)

Arrow LED
LEDS by CREE

FFL-7-RST on FA-26-RST
7w Lamp (7w max.)
Extruded Aluminum

FFL-7-CAM
7w Lamp (7w max.)
Extruded Aluminum

FFL-7-HE-BLT on FA-26-BLT
7w Lamp (7w max.)
Extruded Aluminum

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FFL-7 COMPACT FLUORESCENT SERIES SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum floodlight with cast aluminum adjustable swivel. Heavy-duty stamped aluminum Hood Extension available (add -HE to part number)

LENS: High impact clear acrylic

REFLECTOR: Highly polished specular aluminum

BALLAST: Type 1 outdoor magnetic clamped core. 120 volt primary amp draw of 0.165, not including lamp wattage. 7 watt CFL operate off same ballast and are interchangeable. 240 volt and 277 volt options available - consult factory for details.

LAMP SUPPLIED: CFL T4 single tube, 4100°K. 10,000 hour (7w max)

SOCKET: G23 2-pin

WIRING: Standard 120 volt Black, White and Ground

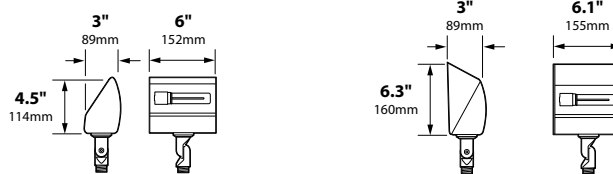**MOUNTING:** None supplied. FA-26 Pedestal recommended. See "Mounting Devices" section

FINISH: Black texture polyester powder coat. Optional finishes available

Catalog Number	Description	Max. wattage	(Specify) Lamp Supplied
FFL-7-BLT	Extruded alum. floodlight, 120v	7w	7 watt (41°K)
FFL-7-HEBLT	Extruded alum. floodlight with hood extension, 120v	7w	7 watt (41°K)
For catalog numbers below, specify at time of order			
FFL-7-220VBLT	Extruded alum. floodlight, 220v	7w	7 watt (41°K)
FFL-7-HE-220VBLT	Extruded alum. floodlight, hood extension, 220v	7w	7 watt (41°K)
FFL-7-240VBLT	Extruded alum. floodlight, 240v	7w	7 watt (41°K)
FFL- 7-HE-240VBLT	Extruded alum. floodlight, hood extension, 240v	7w	7 watt (41°K)
FFL-7-277VBLT	Extruded alum. floodlight, 277v	7w	7 watt (41°K)
FFL- 7-HE-277VBLT	Extruded alum. floodlight, hood extension, 277v	7w	7 watt (41°K)

RECOMMENDED ENHANCEMENTS:

Lamp Options: See page 148, group M. Warm white lamps also available

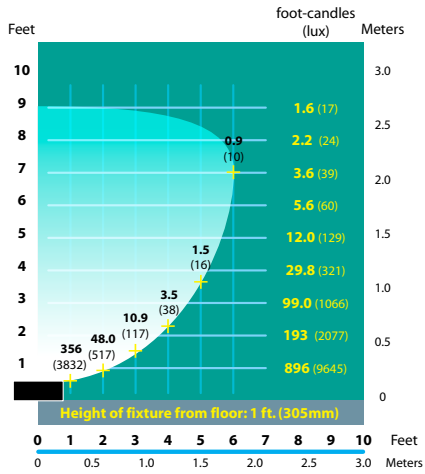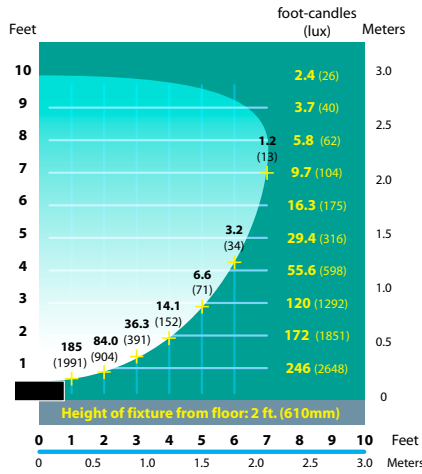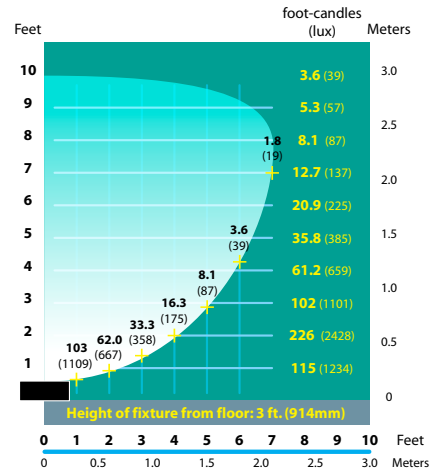|	
FA-06-5, 7	1/4" Mini Hex Cell Louver
FA-09-5, 7-BLUE	Blue Plastic Gel
FA-09-5, 7-GREEN	Green Plastic Gel
FA-26	Commercial Mounting Pedestal
FA-26-R	Commercial Mounting Pedestal with receptacle
FA-39	Commercial Mounting Pedestal with 6 ft. power cord
-HE	Hood Extension

FFL-05
FFL-07

FFL-05-HE
FFL-07-HE

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FFL-5, 7 COMPACT FLUORESCENT SERIES SPECIFICATIONS (continued)

Feet		foot-candles (lux)	Meters
10			3.0
9		1.6 (17)	
8	0.9 (10)	2.2 (24)	2.5
7		3.6 (39)	2.0
6		5.6 (60)	
5	1.5 (16)	12.0 (129)	1.5
4	3.5 (38)	29.8 (321)	1.0
3	10.9 (117)	99.0 (1066)	
2	48.0 (117)	193 (2077)	0.5
1	356 (3832)	896 (9645)	

Height of fixture from floor: 1 ft. (305mm)

0 1 2 3 4 5 6 7 8 9 10 Feet
0   0.5   1.0   1.5   2.0   2.5   3.0 Meters

FFL-7 Half Spread Photometrics

Feet		foot-candles (lux)	Meters
10		2.4 (26)	3.0
9		3.7 (40)	
8	1.2 (13)	5.8 (62)	2.5
7		9.7 (104)	2.0
6		16.3 (175)	
5	3.2 (34)	29.4 (316)	1.5
4	6.6 (71)	55.6 (598)	1.0
3	14.1 (152)	120 (1292)	
2	36.3 (152)	172 (1851)	0.5
1	185 (1991) 84.0 (904)	246 (2648)	

Height of fixture from floor: 2 ft. (610mm)

0 1 2 3 4 5 6 7 8 9 10 Feet
0   0.5   1.0   1.5   2.0   2.5   3.0 Meters

FFL-7 Half Spread Photometrics

Feet		foot-candles (lux)	Meters
10		3.6 (39)	3.0
9		5.3 (57)	
8	1.8 (19)	8.1 (87)	2.5
7		12.7 (137)	2.0
6		20.9 (225)	
5	3.6 (39)	35.8 (385)	1.5
4	8.1 (87)	61.2 (659)	1.0
3	16.3 (175)	102 (1101)	
2	33.3 (175)	226 (2428)	0.5
1	103 (1109) 62.0 (667)	115 (1234)	

Height of fixture from floor: 3 ft. (914mm)

0 1 2 3 4 5 6 7 8 9 10 Feet
0   0.5   1.0   1.5   2.0   2.5   3.0 Meters

FFL-7 Half Spread Photometrics

Feet		foot-candles (lux)	Meters
7			2.0
6			
5	0.7 (8)	0.7 (8)	1.5
4		1.9 (20)	
3	2.0 (22)	8.1 (87)	1.0
2	6.1 (22)	152 (1636)	0.5
1	109 (1173)	1184 (12745)	

Height of fixture from floor: 1 ft. (305mm)

0 1 2 3 4 5 6 7 8 9 10 Feet
0   0.5   1.0   1.5   2.0   2.5   3.0 Meters

FFL-7-HE Half Spread Photometrics

Feet		foot-candles (lux)	Meters
7			2.0
6	0.7 (8)	0.8 (9)	
5		2.0 (22)	1.5
4		9.3 (100)	
3	1.5 (16)	80.0 (861)	1.0
2	4.6 (50)	250 (2691)	0.5
1	138 (1488) 37.3 (401)	238 (2562)	

Height of fixture from floor: 2 ft. (610mm)

0 1 2 3 4 5 6 7 8 9 10 Feet
0   0.5   1.0   1.5   2.0   2.5   3.0 Meters

FFL-7-HE Half Spread Photometrics

Feet		foot-candles (lux)	Meters
7		0.8 (9)	2.0
6		3.0 (32)	
5	0.6 (6)	16.5 (178)	1.5
4	2.2 (24)	46.1 (496)	
3	7.8 (84)	89.9 (968)	1.0
2	23.5 (253)	121 (1302)	0.5
1	103 (1109) 56.3 (606)	104 (1119)	

Height of fixture from floor: 3 ft. (914mm)

0 1 2 3 4 5 6 7 8 9 10 Feet
0   0.5   1.0   1.5   2.0   2.5   3.0 Meters

FFL-7-HE Half Spread Photometrics

Compact Fluorescents Photometrics

FFL-9-HTX on FA-26-HTX
9w Lamp (9w max.)
Extruded Aluminum

FFL-9-HE-BLT
9w Lamp (9w max.)
Extruded Aluminum

FFL-13-HE-BLT
13w Lamp (13w max.)
Extruded Aluminum

FFL-9, 13 SERIES LIGHT SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum floodlight with cast aluminum adjustable swivel. Heavy-duty stamped aluminum Hood Extension available (add -HE to part number)

LENS: High impact clear acrylic

REFLECTOR: Highly polished specular aluminum

BALLAST: Type 1 outdoor magnetic clamped core. 120 volt primary amp draw of 0.165, not including lamp wattage. 240 volt and 277 volt options available - consult factory for details.

LAMP SUPPLIED: FFL-09: 9 watt CFL T4 single tube, 4100K, 10,000 hour (9w max)
FFL-13: 13 watt CFL T4 single tube, 4100K 10,000 hour (13w max)

SOCKET: FFL-09: G23 2-pin   FFL-13: GX23 2-pin

WIRING: Standard 120 volt Black, White and Ground

MOUNTING: None supplied. See Mounting Accessories below for options

FINISH: Black texture polyester powder coat. Optional finishes available

IP44

For 220 volt and 240 volt options available, contact factory

Catalog Number	Description	Max wattage	Lamp Supplied
FFL-9-BLT	Extruded alum floodlight, 120v	9w	9 watt (41°K)
FFL-9-HEBLT	Extrudedalum floodlight, hood extension, 120v	9w	9 watt (41°K)
FFL-9-277VBLT	Extruded alum floodlight, 277v	9w	9 watt (41°K)
FFL-9-HE-277VBLT	Extruded alum floodlight, hood extension, 277v	9w	9 watt (41°K)
FFL-13-BLT	Extruded alum floodlight, 120v	13w	13 watt (41°K)
FFL-13-HEBLT	Extrudedalum floodlight, hood extension, 120v	13w	13 watt (41°K)
FFL-13-277VBLT	Extruded alum floodlight, 277v	13w	13 watt (41°K)
FFL-13-HE-277VBLT	Extruded alum floodlight, hood extension, 277v	13w	13 watt (41°K)

RECOMMENDED ENHANCEMENTS:

Lamp Options: See page 148, group M. Warm white (27°K) and other lamps also available

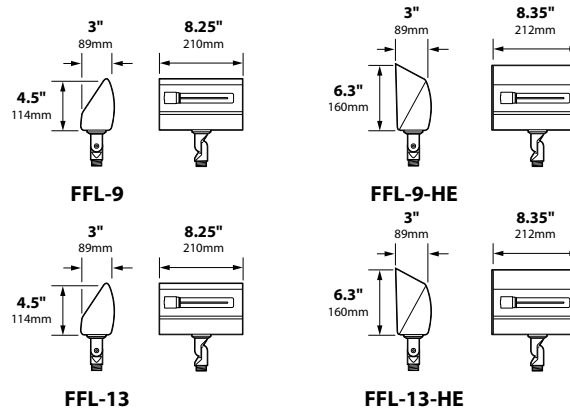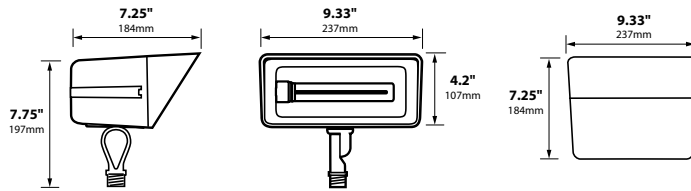|	
FA-06-9, 13	1/4" Mini Hex Cell Louver
FA-09-9, 13-BLUE	Blue Plastic Gel
FA-09-9, 13-GREEN	Green Plastic Gel
FA-26	Commercial Mounting Pedestal
FA-26-R	Commercial Mounting Pedestal with receptacle
FA-39	Commercial Mounting Pedestal with 6 ft. power cord
-HE	Hood Extension

CE   ETL Listed Intertek

FFL-9

FFL-9-HE

FFL-13

FFL-13-HE

FFL- 13/-26-CST SERIES LIGHT SPECIFICATIONS:

CONSTRUCTION: Die cast aluminum or die cast brass floodlight with heavy duty adjustable die cast aluminum or die cast brass swivel

LENS: High impact clear tempered flat glass

GASKET: High temperature red silicone

REFLECTOR: Highly polished specular aluminum

BALLAST: Type 1 outdoor magnetic clamped core. 120v primary amp draw of 0.165, not including lamp wattage. 240v and 277v options available. Consult factory for details.

LAMP SUPPLIED: FFL-13-CST: 13w CFL T4 single tube, 4100K 10,000 hour (13w max)
FFL-26-CST: 2 x 13w CFL T4 single tube, 4100K 10,000 hour (26w max)

LAMP OPTIONS: Warm White 2700K (add -WW to catalog number)

SOCKET: GX23 2-pin

WIRING: Standard 120v Black, White and Ground

MOUNTING: None supplied. See Mounting Accessories below for options

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

NOTE: 220v, 240v and 277v options available. Consult factory for details.

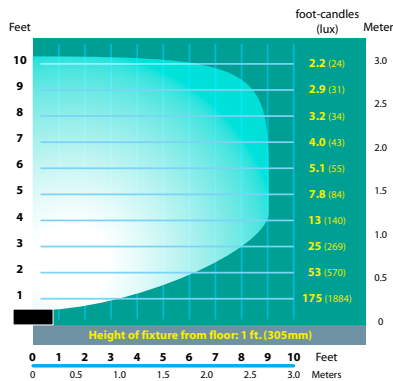| CATALOG NO.	DESCRIPTION	LAMP
FFL-13-CST-BLT	Cast Aluminum Floodlight	13w, 4100K CFL
FFL-13-CST-BRS	Cast Brass Floodlight	13w, 4100K CFL
FFL-26-CST-BLT	Cast Aluminum Floodlight	2 x 13w, 4100K CFL
FFL-26-CST-BRS	Cast Brass Floodlight	2 x 13w, 4100K CFL

RECOMMENDED ENHANCEMENTS:

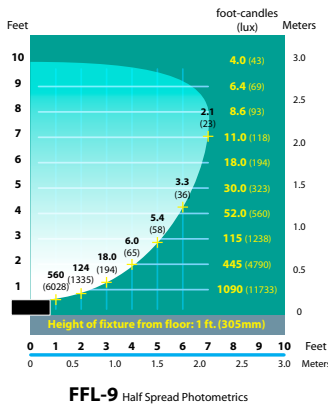|	
FA-06-13	1/4" Mini Hex Cell Louver
FA-09-13-BLUE	Blue Plastic Gel
FA-09-13-GREEN	Green Plastic Gel
-SB	Add to catalog # for Sand Blasted Lens (Softens light output)

FFL-13-CST-BRT
13w Lamp (13w max)
Cast aluminum

7.25" 184mm
7.75" 197mm

9.33" 237mm
4.2" 107mm

9.33" 237mm
7.25" 184mm

FFL-13-CST

FFL-13-CST Half Spread Photometrics

Feet	foot-candles (lux)	Meters
10	0.8 (9)	3.0
9	1.0 (11)	
8	1.5 (16)	2.5
7	2.2 (24)	2.0
6	2.7 (29)	
5	3.5 (38)	1.5
4	5.0 (54)	1.0
3	9.5 (102)	
2	20 (215)	0.5
1	77 (828)	0

Height of fixture from floor: 1 ft. (305mm)

FFL-26-CST Half Spread Photometrics

Feet	foot-candles (lux)	Meters
10	2.2 (24)	3.0
9	2.9 (31)	
8	3.2 (34)	2.5
7	4.0 (43)	2.0
6	5.1 (55)	
5	7.8 (84)	1.5
4	13 (140)	1.0
3	25 (269)	
2	53 (570)	0.5
1	175 (1884)	0

Height of fixture from floor: 1 ft. (305mm)

CE   ETL Intertek   IP54
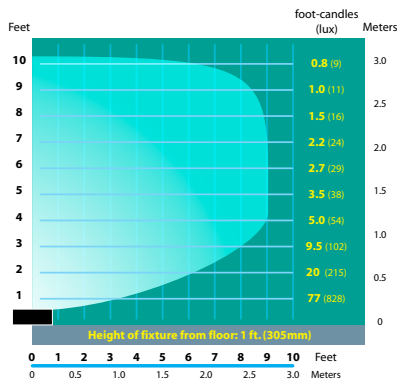
FFL-9, 13 SERIES SPECIFICATIONS (continued)

FFL-9 Half Spread Photometrics

Feet	(intermediate)	foot-candles (lux)	Meters
10		4.0 (43)	3.0
9		6.4 (69)	
8	2.1 (23)	8.6 (93)	2.5
7		11.0 (118)	2.0
6		18.0 (194)	
5	3.3 (36)	30.0 (323)	1.5
4	5.4 (58)	52.0 (560)	1.0
3	6.0 (65)	115 (1238)	
2	18.0 (194)	445 (4790)	0.5
1	560 (6028) 124 (1335)	1090 (11733)	0

Height of fixture from floor: 1 ft. (305mm)

FFL-9 Half Spread Photometrics

Feet	(intermediate)	foot-candles (lux)	Meters
10		6.0 (65)	3.0
9		10.0 (108)	
8	5.0 (54)	14.0 (151)	2.5
7		22.0 (237)	2.0
6		35.0 (377)	
5	9.0 (97)	48.0 (517)	1.5
4	14.0 (151)	62.0 (667)	1.0
3	24.0 (258)	69.0 (743)	
2	35.0 (377) 64.0 (689)	82.0 (883)	0.5
1	76.0 (818) 116 (1249)	76.0 (818)	0

Height of fixture from floor: 3 ft. (914mm)

FFL-13 Half Spread Photometrics

Feet	(intermediate)	foot-candles (lux)	Meters
10		6.4 (69)	3.0
9		8.5 (91)	
8	0.7 (8)	12.5 (135)	2.5
7		21.7 (234)	2.0
6		32.0 (344)	
5	1.6 (17)	51.0 (549)	1.5
4	3.0 (32)	104 (1119)	1.0
3	7.7 (83)	243 (2616)	
2	21.0 (226)	650 (7000)	0.5
1	688 (7406) 116 (1249)	814 (8762)	0

Height of fixture from floor: 1 ft. (305mm)

FFL-13 Half Spread Photometrics

Feet	(intermediate)	foot-candles (lux)	Meters
10		12.3 (132)	3.0
9		16.4 (177)	
8	5.1 (55)	21.4 (230)	2.5
7		32.0 (344)	2.0
6		50.0 (538)	
5	9.0 (97)	79.0 (850)	1.5
4	19.9 (214)	116 (1249)	1.0
3	34.0 (366)	156 (1679)	
2	63.0 (678)	191 (2056)	0.5
1	161 (1733) 109 (1173)	179 (1927)	0

Height of fixture from floor: 3 ft. (914mm)

FFL-26-120V-BLT on FA-26
2 x 13w Lamp (26w max.)
Extruded Aluminum

FFL-26-HE-120V-BLT ON FA-26
2 x 13w Lamp (26w max.)
Extruded Aluminum

FFL-26 SERIES LIGHT SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum floodlight with cast aluminum adjustable swivel. Heavy-duty stamped aluminum Hood Extension available (add -HE to part number)

LENS: High impact clear acrylic

REFLECTOR: Highly polished specular aluminum

BALLAST: 2 x Type 1 outdoor magnetic clamped core. 120v primary amp draw of 0.165, not including lamp wattage. 240v & 277v options available - consult factory for details.

LAMP SUPPLIED: 2 x 13w CFL T4 single tube, 4100K, 10,000 hour (26w max)

SOCKET: 2 x GX23 2-pin

WIRING: Standard 120v Black, White and Ground

MOUNTING: None supplied. See Mounting Accessories below for options

FINISH: Black texture polyester powder coat. Optional finishes available

For 220 volt and 240 volt options available, contact factory

CE   ETL Intertek   IP44

Catalog Number	Description	Max	Lamp Supplied
FFL-26-120V-BLT	alum floodlight, 120v	26w	2 x 13 watt (41°K)
FFL-26-HE-120V-BLT	alum floodlight, hood extension, 120v	26w	2 x 13 watt (41°K)
FFL-26-277V-BLT	alum floodlight, 277v	26w	2 x 13 watt (41°K)
FFL-26-HE-277V-BLT	alum floodlight, hood extension, 277v	26w	2 x 13 watt (41°K)

RECOMMENDED ENHANCEMENTS:

Lamp Options: See page 148, group M. Warm white (27°K) and other lamps also available

FA-06-26	1/4" Mini Hex Cell Louver
FA-09-26-BLUE	Blue Plastic Gel
FA-09-9, 13-GREEN	Green Plastic Gel
-HE	Add to catalog number for Hood Extension

3" 89mm   8.25" 210mm   4.5" 114mm

FFL-26

3" 89mm   8.35" 212mm   6.3" 160mm

FFL-26-HE

FFL-26 Half Spread Photometrics

Height of fixture from floor: 1 ft. (305mm)

	foot-candles (lux)
10	15.0 (161)
9	23.0 (248)
8	31.0 (334)
7	43.0 (463)
6	61.0 (657)
5	87.0 (936)
4	130 (1399)
3	470 (5059)
2	1340 (14424)
1	2350 (25295)

2.3 (25) · 4.6 (50) · 8.0 (86) · 24.0 (258) · 77.0 (829) · 250 (2691) · 660 (7104)

FFL-26 Half Spread Photometrics

Height of fixture from floor: 2 ft. (610mm)

	foot-candles (lux)
10	26.0 (280)
9	33.0 (355)
8	43.0 (463)
7	60.0 (646)
6	82.0 (883)
5	140 (1507)
4	228 (2454)
3	386 (4155)
2	564 (6071)
1	570 (6135)

3.0 (32) · 8.0 (86) · 21.0 (226) · 46.0 (495) · 111 (1195) · 240 (2583) · 384 (4133)

FFL-26 Half Spread Photometrics

Height of fixture from floor: 3 ft. (914mm)

	foot-candles (lux)
10	24.0 (258)
9	32.0 (344)
8	43.0 (463)
7	60.0 (646)
6	81.0 (872)
5	125 (1346)
4	177 (1905)
3	246 (2648)
2	270 (2906)
1	247 (2659)

4.4 (47) · 7.0 (75) · 14.0 (151) · 29.0 (312) · 53.0 (570) · 103 (1109) · 173 (1862) · 244 (2626)

FFL-26-HE Half Spread Photometrics

Height of fixture from floor: 1 ft. (305mm)

	foot-candles (lux)
8	0.7 (8)
7	1.6 (17)
6	2.6 (28)
5	3.9 (42)
4	7.9 (85)
3	17.0 (183)
2	343 (3692)
1	3160 (34014)

1.2 (13) · 2.2 (24) · 4.3 (46) · 9.0 (97) · 63.0 (678) · 920 (9903)

FFL-26-HE Half Spread Photometrics

Height of fixture from floor: 2 ft. (610mm)

	foot-candles (lux)
10	1.0 (11)
9	1.7 (18)
8	2.9 (31)
7	9.0 (97)
6	27.0 (291)
5	95.0 (1023)
4	266 (2863)
3	587 (6318)
2	608 (6545)

0.9 (10) · 2.4 (26) · 5.2 (56) · 11.0 (118) · 41.0 (441) · 162 (1744) · 425 (4575)

FFL-26-HE Half Spread Photometrics

Height of fixture from floor: 3 ft. (914mm)

	foot-candles (lux)
10	0.8 (9)
9	1.3 (14)
8	2.4 (26)
7	5.0 (54)
6	13.9 (150)
5	26.0 (280)
4	66.0 (710)
3	132 (1421)
2	248 (2669)
1	312 (3358)
	302 (3251)

1.2 (13) · 2.4 (26) · 4.0 (43) · 9.1 (98) · 17.0 (183) · 39.0 (420) · 86.0 (926) · 169 (1819) · 273 (2939)

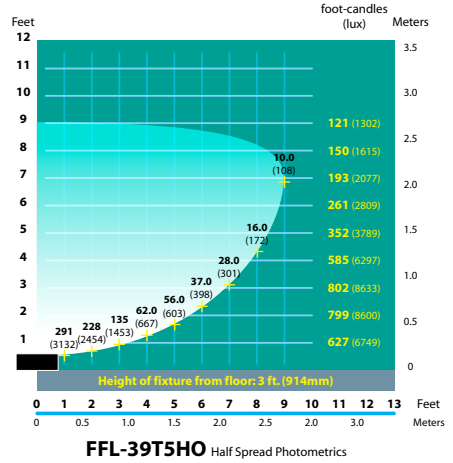**FFL-54-T5 HO on FA-26-BLT**
54w Fluorescent (54w max.)
Extruded Aluminum

FFL-24, -39, -54-T5HO SPECIFICATIONS:

CONSTRUCTION: FFL MODELS-Extruded aluminum floodlight with adjustable cast aluminum swivel

REFLECTOR: Highly polished specular aluminum

LENS: High-impact clear acrylic

BALLAST: FFL Models: 120v type 1 outdoor high frequency electronic
Multi Voltage 120v/230v/240v/277v available, add -MV to catalog number

BALLAST CFL Models-120v/230v/277v, type 1 outdoor high frequency electronic

LAMP SUPPLIED: See below

LAMP OPTIONS: 3500K, 4100K

SOCKET: G5 2-pin

WIRING: Standard 120 volt, black, white and ground

MOUNTING: None supplied, FA-26 Pedestal recommended. See Mounting section, page 137

FINISH: FFL MODELS-Black texture polyester powder coat, optional powder coat finish available on page 8

For 2 lamp units, add **-2L** to catalog number

Catalog Number	Description	Wattage	Lamp Supplied
FFL-24-T5HO-30KBLT*	24" extruded aluminum floodlight, 120v.	24w	1 x 24 watt (30°K)
FFL-39-T5HO-30KBLT*	35" extruded aluminum floodlight, 120v.	39w	1 x 39 watt (30°K)
FFL-54-T5HO-30KBLT*	47" extruded aluminum floodlight, 120v.	54w	1 x 54 watt (30°K)

* Above fixtures also available in 35°K & 41°K Specify at time of order.

ENHANCEMENTS FOR FL-24, -39, -54-T5HO SERIES COMPACT FLUORESCENT LIGHTS
FA-06-24   24" long, 1/4" Mini Hex Cell Louver for FFL-24
FA-06-35   35" long, 1/4" Mini Hex Cell Louver for FFL-39
FA-06-47   47" long, 1/4" Mini Hex Cell Louver for FFL-54
FA-69-24   Aluminum Hood Extension for FFL-24
FA-69-39   Aluminum Hood Extension for FFL-39
FA-69-54   Aluminum Hood Extension for FFL-54
-HE   Add to catalog number for factory installed Hood Extension

IP44

FFL-24-T5HO-BLT on FA-26-BLT	**FFL-24-T5HO-WBR on FA-26-WBR**
24 watt fluorescent (24w max.)	24 watt fluorescent (24w max.)
Extruded Aluminum	Extruded Aluminum

FFL-39-T5HO-BLT on FA-26-BLT
39 watt fluorescent (39w max.)
Extruded Aluminum

FFL-24-T5HO-BLT on Custom Sign Mount
24 watt fluorescent (24w max.)
Extruded Aluminum


23"
584mm

3"
89mm

4.5"
114mm

6"
152mm

11"
305mm

6"
152mm

FFL-24T5HO

34.5"
876mm

3"
89mm

4.5"
114mm

8"
203mm

18.5"
470mm

8"
203mm

FFL-39T5HO

46.5"
1181mm

3"
89mm

4.5"
114mm

12"
305mm

22.5"
572mm

12"
305mm

FFL-54T5HO

FFL-54-T5HO-BLT on FA-26-BLT
54 watt fluorescent (54w max.)
Extruded Aluminum

FFL-24, -39, -54-T5HO SERIES SPECIFICATIONS (continued)

FFL-24T5HO Half Spread Photometrics

Height of fixture from floor: 1 ft. (305mm)

Feet	foot-candles (lux)
9	11.0 (118)
8	17.0 (183)
7	27.0 (291)
6	42.0 (452)
5	62.0 (667)
4	112 (1206)
3	210 (2260)
2	668 (7190)
1	3100 (33368)

Data points: 0.8 (9), 2.4 (26), 3.0 (32), 5.0 (54), 13.0 (140), 31.0 (334), 67.0 (721), 225 (2422)

FFL-24T5HO Half Spread Photometrics

Height of fixture from floor: 2 ft. (610mm)

Feet	foot-candles (lux)
9	28.0 (301)
8	42.0 (452)
7	64.0 (689)
6	93.0 (1001)
5	148 (1593)
4	218 (2347)
3	345 (3714)
2	782 (8417)
1	821 (8837)

Data points: 0.9 (10), 13.0 (140), 26.6 (286), 34.0 (366), 65.0 (700), 117 (1259), 228 (2454)

FFL-24T5HO Half Spread Photometrics

Height of fixture from floor: 3 ft. (914mm)

Feet	foot-candles (lux)
9	24.0 (258)
8	48.0 (517)
7	75.0 (807)
6	93.0 (1001)
5	130 (1399)
4	211 (2271)
3	347 (3735)
2	368 (3961)
1	288 (3100)

Data points: 44 (474), 54.0 (581), 82.0 (883), 106 (1141), 189 (2034)

FFL-39T5HO Half Spread Photometrics

Height of fixture from floor: 1 ft. (305mm)

Feet	foot-candles (lux)
9	54.0 (581)
8	75.0 (807)
7	105 (1130)
6	170 (1830)
5	250 (2691)
4	470 (5059)
3	790 (8504)
2	1580 (17007)
1	4560 (49084)

Data points: 11.0 (118), 16.0 (172), 19.0 (205), 39.0 (420), 90.0 (969), 215 (2314), 515 (5543)

FFL-39T5HO Half Spread Photometrics

Height of fixture from floor: 2 ft. (610mm)

Feet	foot-candles (lux)
9	105 (1130)
8	139 (1496)
7	185 (1991)
6	264 (2842)
5	345 (3714)
4	539 (5802)
3	986 (10613)
2	1740 (18729)
1	1661 (17879)

Data points: 13.0 (140), 20.0 (215), 35.0 (377), 45.0 (484), 74.0 (797), 99.0 (1066), 180 (1938), 311 (3348), 633 (6841)

FFL-39T5HO Half Spread Photometrics

Height of fixture from floor: 3 ft. (914mm)

Feet	foot-candles (lux)
9	121 (1302)
8	150 (1615)
7	193 (2077)
6	261 (2809)
5	352 (3789)
4	585 (6297)
3	802 (8633)
2	799 (8600)
1	627 (6749)

Data points: 10.0 (108), 16.0 (172), 28.0 (301), 37.0 (398), 56.0 (603), 62.0 (667), 135 (1453), 228 (2454), 291 (3132)

FFL-54T5HO Half Spread Photometrics

Height of fixture from floor: 1 ft. (305mm)

Feet	foot-candles (lux)
11	47.0 (506)
10	61.0 (657)
9	84.0 (904)
8	119 (1281)
7	158 (1701)
6	240 (2583)
5	412 (4435)
4	800 (8611)
3	1490 (16038)
2	5897 (63475)
1	3210 (34552)

Data points: 11.0 (118), 14.0 (151), 22.0 (237), 41.0 (441), 120 (1292), 555 (5974)

FFL-54T5HO Half Spread Photometrics

Height of fixture from floor: 2 ft. (610mm)

Feet	foot-candles (lux)
11	66.0 (710)
10	92.0 (990)
9	111 (1195)
8	149 (1604)
7	175 (1884)
6	247 (2659)
5	360 (3875)
4	512 (5511)
3	900 (9688)
2	1996 (21485)
1	1833 (19730)

Data points: 32.0 (344), 38.0 (409), 46.0 (495), 62.0 (667), 90.0 (969), 180 (1938), 416 (4478), 1197 (12885)

FFL-54T5HO Half Spread Photometrics

Height of fixture from floor: 3 ft. (914mm)

Feet	foot-candles (lux)
11	110 (1184)
10	132 (1421)
9	186 (2002)
8	291 (3132)
7	382 (4112)
6	555 (5974)
5	818 (8805)
4	804 (8654)
3	618 (6652)
2	551 (5931)

Data points: 34.0 (366), 43.0 (463), 47.0 (506), 54.0 (581), 65.0 (581), 100 (1076), 160 (1722), 321 (3455)

FFL-39-T5HO-BLTon FA-26-BLT
39 watt fluorescent (54w max.)
Extruded Aluminum

FFL-17, 25, 32-T8 SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum floodlight with 2 heavy duty cast aluminum adjustable swivels. Stamped aluminum Hood Extension available (add -HE to part number)

LENS: High impact clear acrylic

REFLECTOR: Highly polished specular aluminum

BALLAST: 120v/230v/240v/277v, type 1 outdoor high frequency electronic

LAMP SUPPLIED: See below

LAMP OPTIONS: 3500K, 4100K

SOCKET: G5 2-pin

WIRING: Standard 120 volt Black, White and Ground

MOUNTING: None supplied, FA-26 Pedestal recommended. See Mounting section, page 137

FINISH: Black Texture polyester powder coat; optional powder coat finish available on page 8

Catalog Number	Description	Wattage	Lamp Supplied
FFL-17-T830K-BLT	24" extruded aluminum floodlight, 120v	17w	1 x 24 watt (30°K)
FFL-17-T835K-BLT	24" extruded aluminum floodlight, 120v	17w	1 x 24 watt (35°K)
FFL-17-T841K-BLT	24" extruded aluminum floodlight, 120v	17w	1 x 24 watt (41°K)
FFL-25-T830K-BLT	34.5" extruded aluminum floodlight, 120v	25w	1 x 25 watt (30°K)
FFL-25-T835K-BLT	34.5" extruded aluminum floodlight, 120v	25w	1 x 25 watt (35°K)
FFL-25-T841K-BLT	34.5" extruded aluminum floodlight, 120v	25w	1 x 25 watt (41°K)
FFL-32-T830K-BLT	48" extruded aluminum floodlight, 120v	32w	1 x 32 watt (30°K)
FFL-32-T835K-BLT	48" extruded aluminum floodlight, 120v	32w	1 x 32 watt (35°K)
FFL-32-T841K-BLT	48" extruded aluminum floodlight, 120v	32w	1 x 32 watt (41°K)

ENHANCEMENTS FOR FFL-17, -25, -32-T8 SERIES COMPACT FLUORESCENT LIGHTS

FA-06-24	24" long, 1/4" Mini Hex Cell Louver for FFL-17
FA-06-35	35" long, 1/4" Mini Hex Cell Louver for FFL-25
FA-06-47	47" long, 1/4" Mini Hex Cell Louver for FFL-32
FA-68-17	Aluminum Hood Extension for FFL-17
FA-68-25	Aluminum Hood Extension for FFL-25
FA-68-32	Aluminum Hood Extension for FFL-32
-HE	Add to catalog number for factory installed Hood Extension
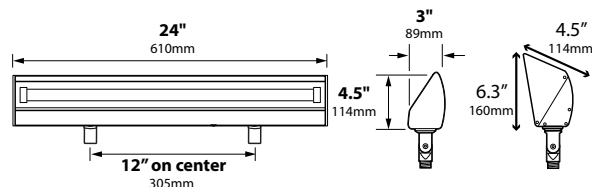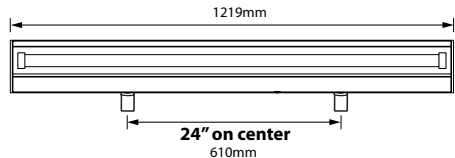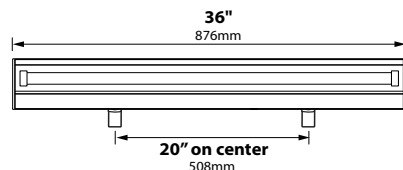
FFL-25-T830K-WBR on FA-26-WBR
25 watt fluorescent (25w max.)
Extruded Aluminum

FFL-17-T830K-CAM on FA-26-CAM
17 watt fluorescent (17w max.)
Extruded Aluminum

24" 610mm
3" 89mm
4.5" 114mm
4.5" 114mm
6.3" 160mm
12" on center 305mm

FFL-17-T8

48" 1219mm
24" on center 610mm

FFL-32-T8

36" 876mm
20" on center 508mm

FFL-25-T8

T8 FLUORESCENTS

IP44 CE ETL Intertek

The Gallery
Ponderosa Homes

LFL-01-2LEDP8120VWTX
2x 8w LED Flat Panels
Extruded Aluminum

LFL-01-2/3/4/6/8-LEDP SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum floodlight with cast aluminum adjustable swivel. Heavy-duty stamped aluminum Hood Extension available (add -HE to part number)

LENS: High impact clear acrylic

REFLECTOR: Highly polished specular aluminum

LIGHT SOURCE: 2x 12v, 8w integrated LED flat panel, warm white 3000K*
3x 12v, 8w integrated LED flat panel, warm white 3000K*
4x 12v, 8w integrated LED flat panel, warm white 3000K*
6x 12v, 8w integrated LED flat panel, warm white 3000K
8x 12v, 8w integrated LED flat panel, warm white 3000K*

LIFETIME RATING: 50,000 hours

SOCKET: None

12V INTERNAL DRIVER: 8w output, 12v AC input. Voltage range of 9 to 18 volts with optimum operating range of 10 to 15 volts for consistent performance and brightness.
For use with magnetic transformers only.

120V INTERNAL DRIVER: 8w output, 120v 20/60Hz input.
Must use FA-26 mounting post or junction box for 120v-277v applications

WIRING 12v: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.

WIRING 120v: Standard 120v Black, White and Ground 9" lead wires

MOUNTING 12v: FA-03 black 9" ABS stake, tapped 1/2" NPS

MOUNTING 120v: None supplied. See Mounting Accessories below for options

FINISH: Black texture polyester powder coat. optional powder coat finish available.
* 5200K Cool white available; add -52 to part #

CATALOG NO.	DESCRIPTION	LAMP
LFL-01-2LEDP8120V	Aluminum LED Floodlight, 120v Driver	2x 8w, 3000K LED Panel
LFL-01-3LEDP8120V	Aluminum LED Floodlight, 120v Driver	3x 8w, 3000K LED Panel
LFL-01-4LEDP8120V	Aluminum LED Floodlight, 120v Driver	4x 8w, 3000K LED Panel
LFL-01-6LEDP8120V	Aluminum LED Floodlight, 120v Driver	6x 8w, 3000K LED Panel
LFL-01-8LEDP8120V	Aluminum LED Floodlight, 120v Driver	8x 8w, 3000K LED Panel

Note; Add -52 to part number for 5200K

50,000 HOUR LED FLAT PANEL

IP44

24"
608mm

3"
89mm

4.5"
114mm

3.5"
89mm

12" on center
304mm

LFL-01-2LEDP8

36"
914mm

20" on center
508mm

LFL-01-3LEDP8

48"
1219mm

24" on center
610mm

LFL-01-4LEDP8

72"
1.8m

24" on center
610mm

24" on center
610mm

LFL-01-6LEDP8

93"
2.3m

24" on center
610mm

24" on center
610mm

24" on center
610mm

LFL-01-8LEDP8
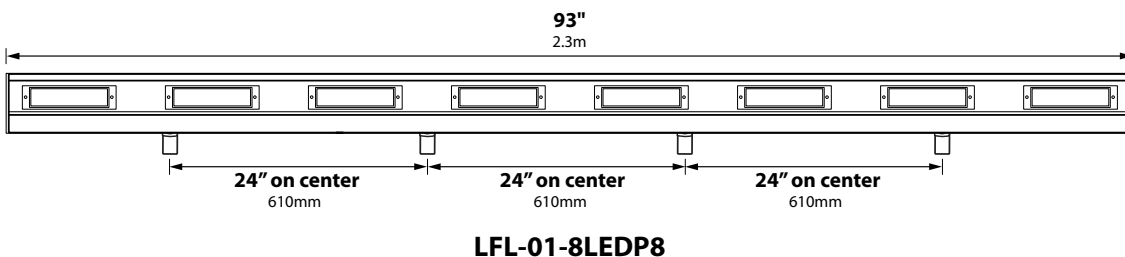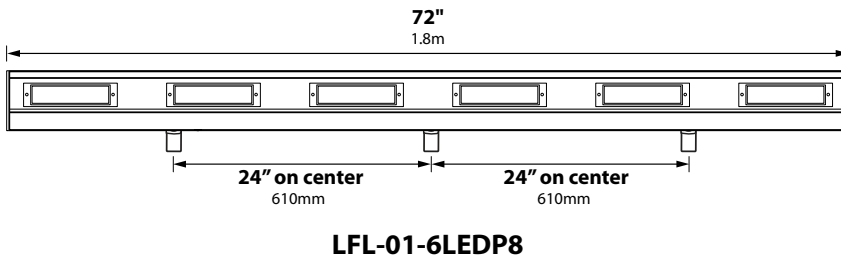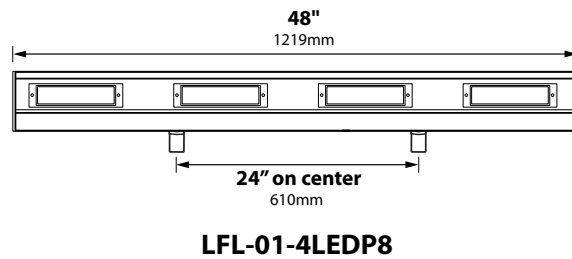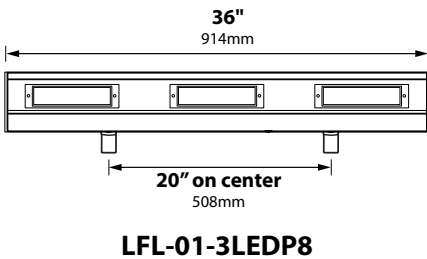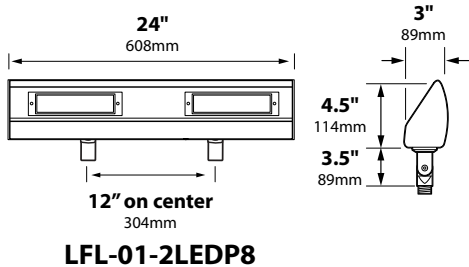
LFL-01 SPECIFICATIONS:

CONSTRUCTION: Extruded aluminum floodlight with cast aluminum adjustable swivel. Heavy-duty stamped aluminum Hood Extension available (add -HE to part number)

LENS: High impact clear acrylic

REFLECTOR: Highly polished specular aluminum

LIGHT SOURCE: 12v, 8w integrated LED flat panel, warm white 3000K*

LIFETIME RATING: 50,000 hours

SOCKET: None

12V INTERNAL DRIVER: 8w output, 12v AC input. Voltage range of 9 to 18 volts with optimum operating range of 10 to 15 volts for consistent performance and brightness. For use with magnetic transformers only.

120V INTERNAL DRIVER: 8w output, 120v 20/60Hz input. Must use FA-26 mounting post or junction box for 120v-277v applications

WIRING 12v: Black 3 foot 18/2 zip cord from base of fixture (12v only) For 25 foot 16/2 fixture lead wire add -25F to catalog number.

WIRING 120v: Standard 120v Black, White and Ground 9" lead wires

MOUNTING 12v: FA-03 black 9" ABS stake, tapped 1/2" NPS

MOUNTING 120v: None supplied. See Mounting Accessories below for options

FINISH: Black texture polyester powder coat. optional powder coat finish available.
* 5200K Cool white available; add -52 to part #

CATALOG NO.	DESCRIPTION	LAMP
LFL-01-LEDP812VBLT	Aluminum Floodlight	8w, 3000K 12v LED Panel
LFL-01-HELEDP812VBLT	Aluminum Floodlight, hood extension	8w, 3000K 12v LED Panel
LFL-01-LEDP8120VBLT	Aluminum Floodlight	8w, 3000K 120v LED Panel
LFL-01-HELEDP8120VBLT	Aluminum Floodlight, hood extension	8w, 3000K 120v LED Panel

3" / 89mm — 8.25" / 210mm — 4.5" / 114mm

**LFL-01-LEDP812V
LFL-01-LEDP8120V**

3" / 89mm — 8.35" / 212mm — 6.3" / 60mm

**LFL-01-HELEDP812V
LFL-01-HELEDP8120V**

50,000 HOUR LED FLAT PANEL

LFL-01LEDP812V-BLT
8 watt LED flat panel (8w max.)
Extruded Aluminum

Feet / foot-candles (lux) / Meters

10	6.4 (69)
9	8.5 (91)
8	12.5 (135)
7	0.7 (8) / 21.7 (234)
6	32.0 (344)
5	1.6 (17) / 51.0 (549)
4	3.0 (32) / 104 (1119)
3	7.7 (83) / 243 (2616)
2	21.0 (226) / 650 (7000)
1	688 (7406) / 116 (1249) / 814 (8762)

Height of fixture from floor: 1 ft. (305mm)

0 1 2 3 4 5 6 7 8 9 10 Feet
0 0.5 1.0 1.5 2.0 2.5 3.0 Meters
3.0 / 2.5 / 2.0 / 1.5 / 1.0 / 0.5 / 0 Meters

LFL-01-LEDP8 Half Spread Photometrics

IP44 CE cETLus Intertek

LFL-02-HE272-BRS
27 watt LED light engine (27w max.)
Extruded Brass

IP65 CE cETLus Intertek

12.5" / 318mm — 7.5" / 191mm — 6.5" / 165mm — 3.5" / 89mm — 9" / 229mm

LFL-02 SPECIFICATIONS:

CONSTRUCTION: Extruded brass floodlight with cast brass adjustable swivel. Heavy-duty stamped brass hood extension

LENS: High impact clear acrylic

REFLECTOR: None

LIGHT SOURCE: 120v, 27w integrated LED light engine, warm white 2700K or cool white 5200K (add -52 to part #)

LIFETIME RATING: 50,000 hours

SOCKET: None

120v-277v INTERNAL DRIVER: See Driver Specification below

WIRING 120v: Standard 120v Black, White and Ground 9" lead wires

MOUNTING: None supplied. See Mounting Accessories below for options

FINISH: Aluminum - Black texture polyester powder coat. Optional finishes available
Brass - Unfinished brass. Optional finishes available

LFL-02 INTERNAL DRIVER SPECIFICATIONS

INPUT: 90 to 295vAC

EFFICIENCY: 88%

POWER FACTOR: >0.96 / 120vAC, >0.90 / 277vAC

OUTPUT VOLTAGE: 20vDC (constant current)

OUTPUT POWER: 60w

RATED CURRENT: 3A

TEMPERATURE RANGE: -30C to 70C

OVER TEMPERATURE PROTECTION: Shut down and re-power on to recover (85C ±10C)
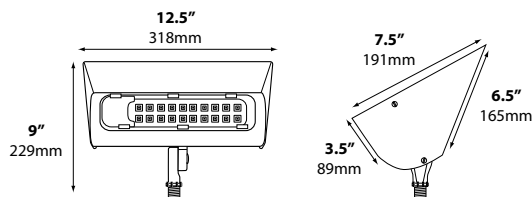
CATALOG NO.	DESCRIPTION	LAMP
LFL-02-HE2727BLT	Aluminum Floodlight, hood extension	27w, 2700K LED
LFL-02-HE2753BLT	Aluminum Floodlight, hood extension	27w, 5300K LED.
LFL-02-HE2727BRS	Brass Floodlight, hood extension	27w, 2700K LED
LFL-02-HE2753BRS	Brass Floodlight, hood extension	27w, 5300K LED

SLS-02 SERIES

Using single or double RXD-02 directional MR16 bullet fixtures, the SLS-02 is ideal for lighting building mounted signs from either uplight or downlight positions. Three different cap styles and a large selection of 12v lamp options allow for precise lighting and beam control

SPECIFICATIONS

Aluminum: Extruded housing; die cast base with adjustable die cast swivel; die cast canopy & extruded aluminum extension pole

Copper: Extruded copper housing; adjustable die cast brass swivel; die cast brass canopy; extruded copper or brass extension pole

Max Wattage: 50w Aluminum / 35w Copper

Lens: Flat or convex

LED Options 12v: 4w **ARROW MR16 LED**
Legacy Lamp Options: 35w **MR16 TITAN**

Lamp Life: ARROW MR16 LED 50,000 hours average rating or 35w **MR16 TITAN** 18,000 hours average rating

Socket 12v: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

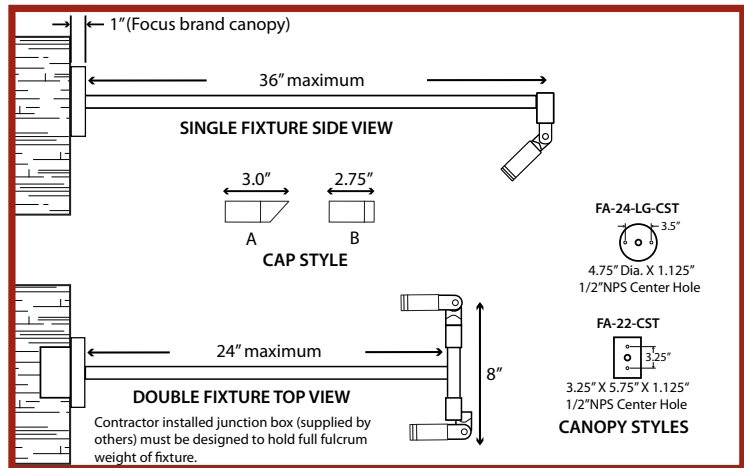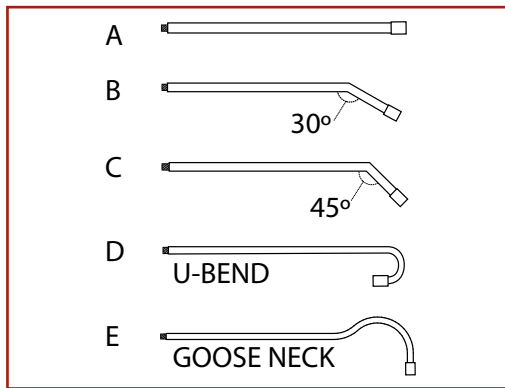**Wiring 12v:** Black 18/2 SPT-1W 8" from base of fixture

Power Supply 12v: Not included. Requires remote 12v transformer or HW-12-75 integrated 12v hardwire transformer. Integrated LED driver HW-12-8700-LED (120v-230v, 8w 700mA) also available.

Finish: Optional finishes available; see ordering information below & back cover for details & colors.

SLS-02-A-1-26-B-1-B-0-30-C-1-CAM

IP55

Arrow LED
LEDS by CREE
CE
c ETL us Intertek

A
B — 30°
C — 45°
D — U-BEND
E — GOOSE NECK

Custom lengths and bends may be ordered for any job specifications you require

42" maximum (aluminum)

3.125"   5.5"

B   C

Cap styles

30" maximum (aluminum)

8"

3.5"

4.75" Dia. X 1"
1/2"NPS Center Hole
FA-24-LG-CST Canopy

3.25"

3.25" X 5.75" X 1"
1/2"NPS Center Hole
FA-22-CST Canopy

Note: 45° bend required for full rotation of single fixture towards wall. Consult factory for other swivel options on SLS-02

ORDERING INFORMATION

SLS-02- ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____

1	2	3	4	5	6	7	8	9	10	11

1. MATERIAL
A: ALUMINUM
D: COPPER/BRASS POLE

2. FIXTURE TYPE
1: SINGLE
2: DOUBLE

3. LIGHT SOURCE
NL: NO LAMP, BI PIN SOCKET
01: 20W FL(BAB) 36°
02: 20W FL(BAB) 36° ULTRA 10K HOURS
03: 20W FL(BAB) 36° TITAN 12K HOURS
04: 20W NFL(BBF) 24° TITAN 12K HOURS
05: 20W SP(ESX) 12°
06: 20W VWFL(BAB) 60°
07: 35W FL(FMW) 36°
08: 35W FL(FMW) 36° ULTRA 10K HOURS
09: 35W FL(FMW) 36° TITAN 18K HOURS
10: 35W NFL(FMV) 24°
11: 35W NFL(FMV) 24° ULTRA 10K HOURS
12: 35W NFL(FMV) 24° TITAN 18K HOURS
13: 35W SP(FMT) 12°
14: 35W VWFL(FMW) 60°
15: 35W WF(FMW) 60° TITAN 18K HOURS
16: 50W FL(EXN) 36°
17: 50W FL(EXN) 36° ULTRA 10K HOURS
18: 50W FL(EXN) 36° TITAN 18K HOURS
19: 50W NFL(EXZ) 24° ULTRA 10K HOURS
20: 50W NFL(EXZ) 24° TITAN 18K HOURS
21: 50W SP(EXT) 12°
22: 50W SP(EXT) 12° ULTRA 10K HOURS
23: 50W SP(EXT) 12° TITAN 18K HOURS
24: 50W VWFL(FNV) 60°
25: 50W VWFL(FNV) 60° TITAN 18K HOURS
26: 4W ARROW MR16 LED (BAB) 35° 50K HOURS
27: 4W ARROW MR16 LED (ESX) 12° 50K HOURS
28: 4W SAVER LED 40° 40K HOURS
29: 4W SAVER LED 15° 40K HOURS
30: 6W ARROW MR16 LED 40° 50K HOURS

4. CAP STYLE
B: FLAT CAP
C: TUBE SHIELD

5. LENS TYPE
1: CONVEX
2: FLAT

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: LINEAR SPREAD
B: WIDE SOFTENER
C: BLUE
D: GREEN

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
12: 12 INCHES
18: 18 INCHES
24: 24 INCHES
30: 30 INCHES
36: 36 INCHES (SINGLE ONLY)
42: 42 INCHES (ALUMINUM ONLY)
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPEC)
E: GOOSE NECK (PROVIDE SPEC)
F: CUSTOM BEND (PROVIDE SPEC)

10. CANOPY
0: NO CANOPY (1/2" NPS REQUIRED)
1: FA-24-LG-CST ALUM ROUND
2: FA-24-LG-CST BRASS ROUND
3: FA-22-CST ALUM RECTANGLE
4: FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
COP: UNFINISHED COPPER
CAR: COPPER ACID RUST
CAV: COPPER ACID VERDE
BAT: BLACK ACID TREATMENT
CUSTOM COLORS AVAILABLE

SLS-05 SERIES

Versatile single or double fixture heads featuring contemporary design of the RXD-05 bullet. Designed specifically for 120v PAR 20 lamps and optional 120v PAR20 ARROW LED.

SPECIFICATIONS

Aluminum: Extruded housing; die cast base with adjustable die cast swivel; die cast canopy & extruded aluminum extension pole

Brass: Coming soon - Extruded brass housing; adjustable die cast brass swivel; die cast brass canopy; extruded brass extension pole

Max Wattage: 50w

Lens: Flat or convex

LED Options: 120v 9w PAR20 ARROW LED

Lamp Life: 9w PAR20 ARROW LED 50,000 hours average rating

Socket 120v: High temperature brass nickel plated base with 150°C silicone lead wires

Socket H. I. D. Medium base high temperature 600v, 660w, 4K. V. pulse rated Brass nickel plate screw shell with 150°C silicone lead wires

Wiring 120v: Standard 120v black, white & green

Power Supply 120v: No transformer required
Power Supply H.I.D: Requires remote ballast

Finish: Optional finishes available; see ordering information below & back cover for details & colors. Custom colors available.

SLS-05-A-1-01-A-1-0-0-24-C-1-WTX
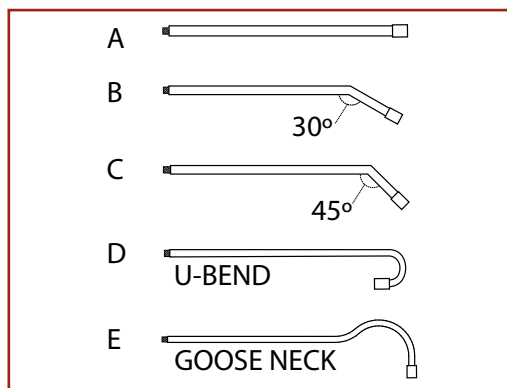
IP55

A

B
30°

C
45°

D
U-BEND

E
GOOSE NECK

Custom lengths and bends may be ordered for any job specifications you require

36" maximum (aluminum)
30" maximum (brass)

8.5"   8.5"

A   B

Cap Styles

24" maximum (aluminum)
20" maximum (brass)

8"

3.5"

4.75" Dia. X 1"
1/2"NPS Center Hole
FA-24-LG-CST Canopy

3.25"

3.25" X 5.75" X 1"
1/2"NPS Center Hole
FA-22-CST Canopy
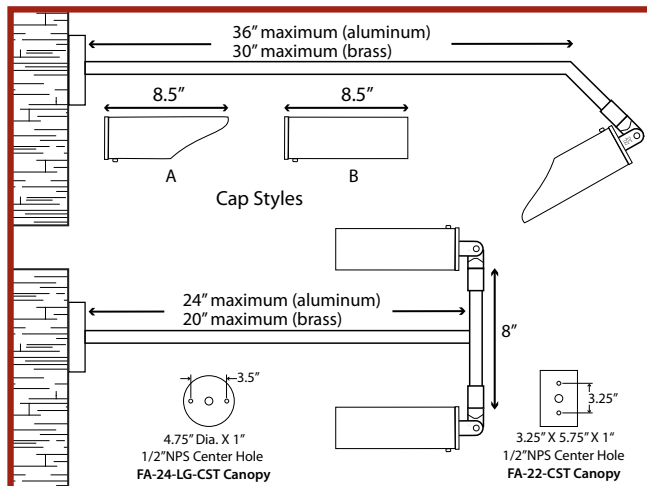
Note: 45° bend required for full rotation of single fixture towards wall. Consult factory for other swivel options on SLS-05

ORDERING INFORMATION

SLS-05- ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___

1	2	3	4	5	6	7	8	9	10	11

1. MATERIAL
A: ALUMINUM
B: BRASS (CONSULT FACTORY)

2. FIXTURE TYPE
1: SINGLE
2: DOUBLE

3. LIGHT SOURCE
NL: NO LAMP, MED BASE SOCKET
N1: NO LAMP, 4K.V. PULSE RATED SOCKET
01: 9W PAR20 ARROW LED 15° 50K HOURS
02: 9W PAR20 ARROW LED 40° 50K HOURS

4. CAP STYLE
A: ANGLE CAP
B: TUBE SHIELD CAP

5. LENS TYPE
1: CONVEX
2: FLAT

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: LINEAR SPREAD
B: WIDE SOFTENER
C: BLUE
D: GREEN

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
12: 12 INCHES
18: 18 INCHES
24: 24 INCHES (MAX FOR DOUBLE)
30: 30 INCHES (SINGLE ONLY, MAX BRS)
36: 36 INCHES (ALUMINUM ONLY)
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPEC)
E: GOOSE NECK (PROVIDE SPEC)
F: CUSTOM BEND (PROVIDE SPEC)

10. CANOPY
0: NO CANOPY (1/2" NPS REQUIRED)
1: FA-24-LG-CST ALUM ROUND
2: FA-24-LG-CST BRASS ROUND
3: FA-22-CST ALUM RECTANGLE
4: FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
BRS: UNFINISHED BRASS
BAR: BRASS ACID RUST
BAV: BRASS ACID VERDE
BAT: BLACK ACID TREATMENT
CUSTOM COLORS AVAILABLE

LIGHT SOURCE GREEN = 50,000 HOURS

SLS-06 SERIES

Using single or double RXD-10 directional MR8 bullet fixtures, the SLS-06 is ideal for pin point lighting small signs from either uplight or downlight positions. A large selection of 12v lamp options allow for precise lighting and beam control

SPECIFICATIONS

Brass: Machined brass cylinder with threaded cap & cast brass adjustable swivel; die cast canopy & extruded brass extension pole

Max Wattage: 20w

Lens: Clear tempered stepped flat glass or flat glass

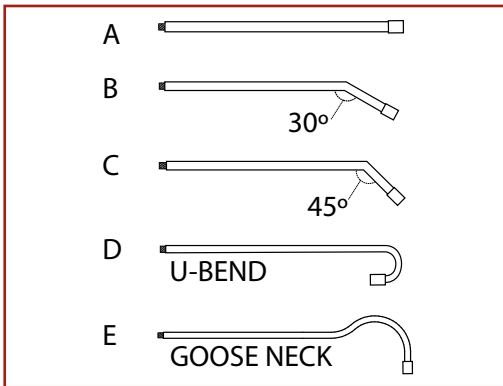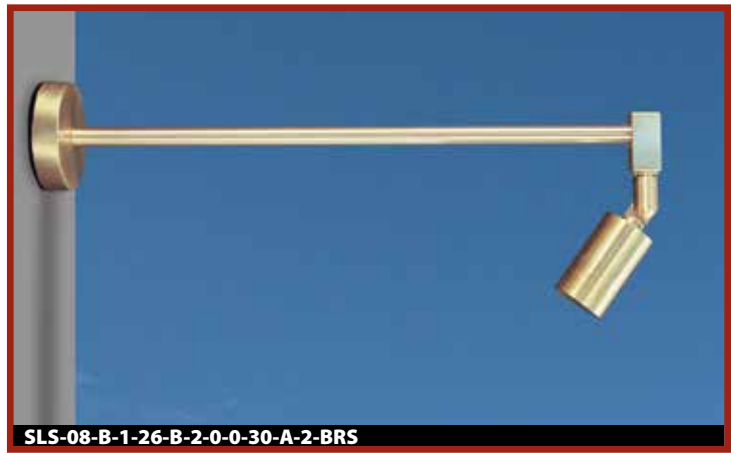**LED Options 12v:** 1.5w **ARROW MR8 LED**

Lamp Life: ARROW MR8 LED 25,000 hours average rating

Socket 12v: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
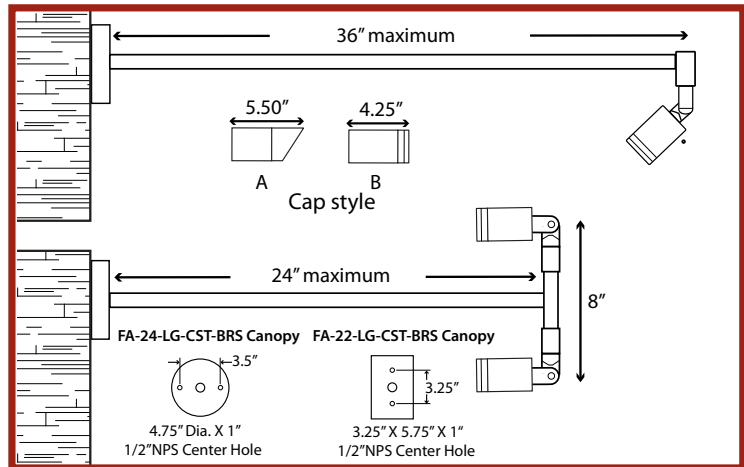
Wiring 12v: Black 18/2 SPT-1W 8" from base of fixture

Power Supply 12v: Not included. Requires remote 12v transformer or HW-12-75 integrated 12v hardwire transformer. Integrated LED driver HW-12-8700-LED (120v-230v, 8w 700mA) also available.

Finish: Optional finishes available; see ordering information below & back cover for details & colors.

Note: LED must be powered by magnetic transformer or LED driver

SLS-06-B-1-05-B-2-0-0-30-A-2-BRS

Arrow LED — LEDS by CREE

IP55

CE ETL Intertek

A
B — 30°
C — 45°
D — U-BEND
E — GOOSE NECK

1" (Focus brand canopy)

36" maximum

SINGLE FIXTURE SIDE VIEW

3.0" 2.75"
A   B
CAP STYLE

FA-24-LG-CST
3.5"
4.75" Dia. X 1.125"
1/2"NPS Center Hole

FA-22-CST
3.25"
3.25" X 5.75" X 1.125"
1/2"NPS Center Hole
CANOPY STYLES

24" maximum

8"

DOUBLE FIXTURE TOP VIEW

Contractor installed junction box (supplied by others) must be designed to hold full fulcrum weight of fixture.

Custom lengths and bends may be ordered for any job specifications you require

SLS-06- ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____
         1   2   3   4   5   6   7   8   9   10   11

ORDERING INFORMATION

1. MATERIAL
B: BRASS

2. FIXTURE TYPE
1: SINGLE
2: DOUBLE

3. LIGHT SOURCE
NL: NO LAMP, BI PIN SOCKET
01: 20W FL 23°
02: 20W SP 10°
03: 35W FL 23°
04: 35W SP 10°
05: 2W LED MR8 WF 120°

4. CAP STYLE
A: ANGLE CAP (available January 2015)
B: FLAT CAP

5. LENS TYPE
2: FLAT LENS
3: STEPPED FLAT LENS

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: LINEAR SPREAD
B: WIDE SOFTENER
C: BLUE
D: GREEN

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
12: 12 INCHES
18: 18 INCHES
24: 24 INCHES (MAX DOUBLE)
30: 30 INCHES (SINGLE ONLY)
36: 36 INCHES (MAX SINGLE)
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPEC)
E: GOOSE NECK (PROVIDE SPEC)
F: CUSTOM BEND (PROVIDE SPEC)

10. CANOPY
0: NO CANOPY (1/2" NPS REQUIRED)
2: FA-24-LG-CST BRASS ROUND
4: FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
BRS: UNFINISHED BRASS
BAR: BRASS ACID RUST
BAV: BRASS ACID VERDE
BAT: BLACK ACID TREATMENT

CUSTOM COLORS AVAILABLE

LIGHT SOURCE GREEN = 25,000 Hours

SLS-07 SERIES

Using single or double RXD-09 directional MR11 bullet fixtures, the SLS-07 is ideal for lighting building mounted signs from either uplight or downlight positions. A large selection of 12v lamp options allow for precise lighting and beam control

SPECIFICATIONS

Brass: Machined brass cylinder with threaded cap & cast brass adjustable swivel; die cast canopy & extruded brass extension pole

Max Wattage: 20w

Lens: Flat or stepped flat glass

LED Options 12v: 2w **ARROW MR11 LED**

Lamp Life: ARROW MR11 LED 50,000 hours average rating

Socket 12v: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

Wiring 12v: Black 18/2 SPT-1W 8" from base of fixture

Power Supply 12v: Not included. Requires remote 12v transformer or HW-12-75 integrated 12v hardwire transformer. Integrated LED driver HW-12-8700-LED (120v-230v, 8w 700mA) also available.

Finish: Optional finishes available; see ordering information below & back cover for details & colors.

SLS-07-B-1-09-B-2-0-0-30-A-2-BRS

IP55

ArrowLED LEDS by CREE

Custom lengths and bends may be ordered for any job specifications you require

SLS-07- ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___
1 2 3 4 5 6 7 8 9 10 11

ORDERING INFORMATION

1. MATERIAL
B: BRASS

2. FIXTURE TYPE
1: SINGLE
2: DOUBLE

3. LIGHT SOURCE
NL: NO LAMP, BI PIN SOCKET
01: 20W FL(FTD) 30°
02: 20W FL ULTRA 30° 10,000 HOUR
03: 20W SP(FTB) 10°
04: 35W FL(FTH) 30°
05: 35W SP(FTE) 10°
06: 20W ALR12 FL(GBF) 32°
07: 20W ALR12 NFL(GBE) 18°
08: 20W ALR12 SP(GBD) 6°
09: 2W ARROW LED MR11 SP 15°
10: 2W ARROW LED MR11 FL 40°

4. CAP STYLE
A: ANGLE CAP (available January 2015)
B: FLAT CAP

5. LENS TYPE
2: FLAT LENS
3: STEPPED FLAT LENS

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: LINEAR SPREAD
B: WIDE SOFTENER
C: BLUE
D: GREEN

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
12: 12 INCHES
18: 18 INCHES
24: 24 INCHES (MAX DOUBLE)
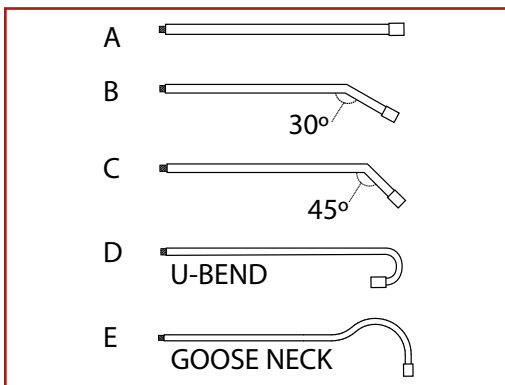30: 30 INCHES (SINGLE ONLY)
36: 36 INCHES (MAX SINGLE)
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPEC)
E: GOOSE NECK (PROVIDE SPEC)
F: CUSTOM BEND (PROVIDE SPEC)

10. CANOPY
0: NO CANOPY (1/2" NPS REQUIRED)
2: FA-24-LG-CST BRASS ROUND
4: FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
BRS: UNFINISHED BRASS
BAR: BRASS ACID RUST
BAV: BRASS ACID VERDE
BAT: BLACK ACID TREATMENT

CUSTOM COLORS AVAILABLE

LIGHT SOURCE RED = 10,000 + HOURS • GREEN = 40,000 TO 50,000 HOURS

SLS-08 SERIES

Using single or double RXD-08 directional MR16 bullet fixtures, the SLS-08 is ideal for lighting building mounted signs from either uplight or downlight positions. A large selection of 12v lamp options allow for precise lighting and beam control

SPECIFICATIONS

Brass: Machined brass cylinder with threaded cap & cast brass adjustable swivel; die cast canopy & extruded brass extension pole

Max Wattage: 35w

Lens: Flat or stepped flat glass

LED Options 12v: 4w **ARROW MR16 LED**

Lamp Life: ARROW MR16 LED 50,000 hours average rating

Socket 12v: High temperature ceramic GU5.3 bi-pin with 250℃ silicone lead wires

Wiring 12v: Black 18/2 SPT-1W 8" from base of fixture

Power Supply 12v: Not included. Requires remote 12v transformer or HW-12-75 integrated 12v hardwire transformer. Integrated LED driver HW-12-8700-LED (120v-230v, 8w 700mA) also available.

Finish: Optional finishes available; see ordering information below & back cover for details & colors.

SLS-08-B-1-26-B-2-0-0-30-A-2-BRS

Arrow LED — LEDS by CREE

IP55

CE · c ETL us Intertek

A

B — 30°

C — 45°

D — U-BEND

E — GOOSE NECK

Custom lengths and bends may be ordered for any job specifications you require

36" maximum

5.50" | 4.25"

A | B — Cap style

24" maximum — 8"

FA-24-LG-CST-BRS Canopy | **FA-22-LG-CST-BRS Canopy**

3.5"
4.75" Dia. X 1"
1/2"NPS Center Hole

3.25"
3.25" X 5.75" X 1"
1/2"NPS Center Hole

SLS-08- __1__ - __2__ - __3__ - __4__ - __5__ - __6__ - __7__ - __8__ - __9__ - __10__ - __11__

ORDERING INFORMATION

1. MATERIAL
B: BRASS

2. FIXTURE TYPE
1: SINGLE
2: DOUBLE

3. LIGHT SOURCE
NL: NO LAMP, BI PIN SOCKET
01: 20W FL(BAB) 36°
02: 20W FL(BAB) 36° ULTRA 10K HOURS
03: 20W FL(BAB) 36° TITAN 12K HOURS
04: 20W NFL(BBF) 24° TITAN 12K HOURS
05: 20W SP(ESX) 12°
06: 20W VWFL(BAB) 60°
07: 35W FL(FMW) 36°
08: 35W FL(FMW) 36° ULTRA 10K HOURS
09: 35W FL(FMW) 36° TITAN 18K HOURS
10: 35W NFL(FMV) 24°
11: 35W NFL(FMV) 24° ULTRA 10K HOURS
12: 35W NFL(FMV) 24° TITAN 18K HOURS
13: 35W SP(FMT) 12°
14: 35W VWFL(FMW) 60°
15: 35W WF(FMW) 60° TITAN 18K HOURS
16: 50W FL(EXN) 36°
17: 50W FL(EXN) 36° ULTRA 10K HOURS
18: 50W FL(EXN) 36° TITAN 18K HOURS
19: 50W NFL(EXZ) 24° ULTRA 10K HOURS
20: 50W NFL(EXZ) 24° TITAN 18K HOURS
21: 50W SP(EXT) 12°
22: 50W SP(EXT) 12° ULTRA 10K HOURS
23: 50W SP(EXT) 12° TITAN 18K HOURS
24: 50W VWFL(FNV) 60°
25: 50W VWFL(FNV) 60° TITAN 18K HOURS
26: 4W ARROW MR16 LED (BAB) 35° 50K HOURS
27: 4W ARROW MR16 LED (ESX) 12° 50K HOURS
28: 4W SAVER MR16 LED 40° 40K HOURS
29: 4W SAVER MR16 LED 15° 40K HOURS

4. CAP STYLE
A: ANGLE CAP (available January 2015)
B: FLAT CAP

5. LENS TYPE
2: FLAT LENS
3: STEPPED FLAT LENS

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: LINEAR SPREAD
B: WIDE SOFTENER
C: BLUE
D: GREEN

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
12: 12 INCHES
18: 18 INCHES
24: 24 INCHES (MAX DOUBLE)
30: 30 INCHES (SINGLE ONLY)
36: 36 INCHES (MAX SINGLE)
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPEC)
E: GOOSE NECK (PROVIDE SPEC)
F: CUSTOM BEND (PROVIDE SPEC)

10. CANOPY
0: NO CANOPY (1/2" NPS REQUIRED)
2: FA-24-LG-CST BRASS ROUND
4: FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
BRS: UNFINISHED BRASS
BAR: BRASS ACID RUST
BAV: BRASS ACID VERDE
BAT: BLACK ACID TREATMENT

CUSTOM COLORS AVAILABLE

LIGHT SOURCE RED = 10,000 + HOURS • GREEN = 40,000 TO 50,000 HOURS

SLS-FL SERIES

Flood lighting large signs and wall-washing architecture is easy with the SLS-FL series of compact fluorescent fixtures. Fixture head is mounted to adjustable swivel for easy aiming.

SPECIFICATIONS

Aluminum: Extruded housing with die cast adjustable aluminum swivel

Reflector: Highly polished specular aluminum

Lens: High impact clear acrylic

Max Wattage: CFL 26w (2 x 13w lamps)
LEDP 24w (2 x 12w)

LED Options: 8w or 12w Flat Panel LED
Lamp Life: LED's 50,000 hours average rating

Legacy Lamp Options 120v: CFL 2700K standard**;**
Other Kelvin temperatures available

Socket: 120v - G23 2-Pin (5w, 7w, 9w); GX23 2-Pin (13w)
LED Panel - None (LED Panel hard wired)

Ballast: Type 1, 120v outdoor magnetic clamped core primary amp draw is 165 amp not including lamp wattage. Consult factory for 240v, 277v and magnetic ballast options.

Wiring 120v: Standard 120v black, white & green

CFL Power Supply: 120v - Integrated Type 1, 120v outdoor rated magnetic clamped core ballast

240v - Integrated Type 1, 240v outdoor rated magnetic clamped core ballast - 13W & 26W models only

277v - Integrated Type 1, 277v outdoor rated magnetic clamped core ballast

LED Power Supply: 12v, 120v or 277v LED Drive

Finish: Optional finishes available; see ordering information below & back cover for details & colors. Custom colors available.

SLS-FL-A-1-03-0-0-0-0-18-A-1-WBR
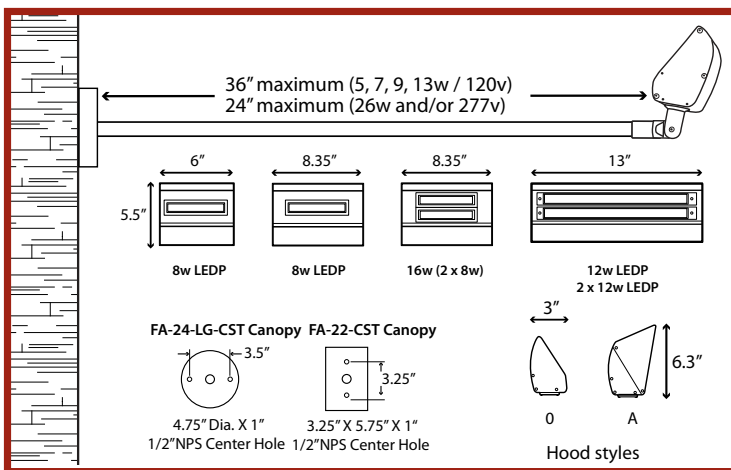
CE   ETL Intertek   IP53

50,000 HOUR LED FLAT PANEL

36" maximum (5, 7, 9, 13w / 120v)
24" maximum (26w and/or 277v)

6"	8.35"	8.35"	13"
8w LEDP	8w LEDP	16w (2 x 8w)	12w LEDP 2 x 12w LEDP

5.5"

FA-24-LG-CST Canopy   **FA-22-CST Canopy**

3.5"

4.75" Dia. X 1"
1/2"NPS Center Hole

3.25"

3.25" X 5.75" X 1"
1/2"NPS Center Hole

3"

6.3"
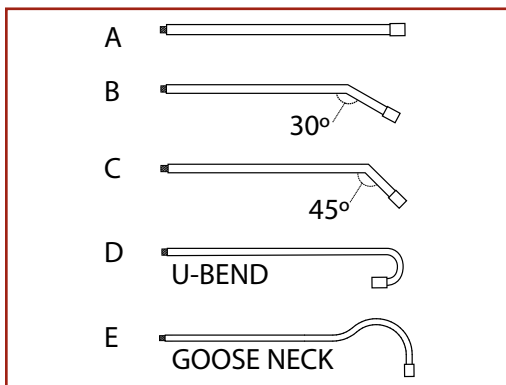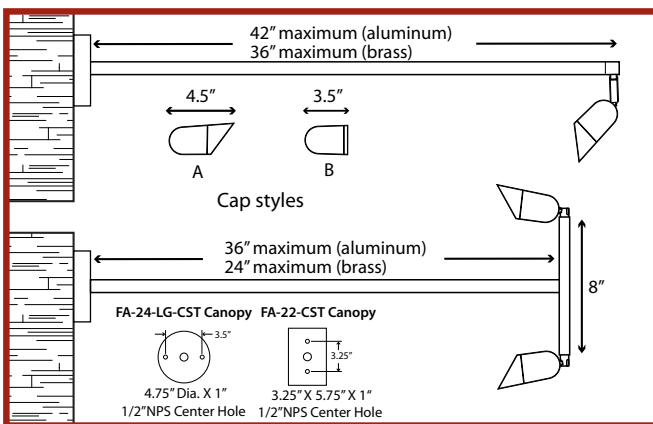
0   A

Hood styles

HOOD EXTENSION AVAILABLE

A

B   30°

C   45°

D   U-BEND

E   GOOSE NECK

Custom lengths and bends may be ordered for any job specifications you require

SLS-FL- ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___
        1   2   3   4   5   6   7   8   9   10   11

1. MATERIAL
A: ALUMINUM

2. VOLTAGE
1: 120V
2: 240V (13W & 26W MODELS ONLY)
3: 277V
4: 12V (LED PANEL ONLY)

3. LIGHT SOURCE
NL: NO LAMP, G23 SOCKET
N2: NO LAMP, GX23 SOCKET
N3: NO LAMP, 2 X GX23 SOCKETS
01: 5W CFL 2700K
02: 7W CFL 2700K
03: 9W CFL 2700K
04: 13W CFL 2700K
05: 26W (2 X 13W) CFL 2700K
06: 8W LEDP 3000K
07: 8W LEDP 5200K
08: 12W LEDP 3000K
09: 12W LEDP 5200K
10: 2 X 12W LEDP 3000K
11: 2 X 12W LEDP 5200K

CONSULT FACTORY FOR OTHER KELVIN TEMPERATURES

4. HOOD STYLE
0: NO HOOD
A: HOOD EXTENSION

5. LENS TYPE
0: STANDARD CLEAR
1: SANDBLAST
2: WHITE ACRYLIC

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: BLUE GEL
B: GREEN GEL

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
NP: NO POLE
12: 12 INCHES
18: 18 INCHES
24: 24 INCHES (MAX FOR 26W OR 277V)
30: 30 INCHES (NOT FOR 26W OR 277V)
36: 36 INCHES (NOT FOR 26W OR 277V)
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPECS)
E: GOOSE NECK (PROVIDE SPECS)
F: CUSTOM BEND (PROVIDE SPECS)

10. CANOPY
0: NO CANOPY
1: FA-24-LGCST ALUM ROUND
2: FA-24-LGCST BRASS ROUND
3: FA-22-CST ALUM RECTANGLE
4: FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
CUSTOM COLORS AVAILABLE

LIGHT SOURCE GREEN = 50,000 HOURS

SLS-T5HO and SLS-T8 SERIES

Commercial grade flood lighting featuring T5HO and T8 fluorescent light sources. Mounted to heavy duty swivels for secure aiming. Illuminate large signs and architectural features with long life fluorescent lighting.

120v/240v/277 LED drivers available.

120v/240v/277v ballasts available.

SPECIFICATIONS

Aluminum: Extruded aluminum floodlight with two adjustable heavy duty cast aluminum swivels

Reflector: Highly polished specular aluminum

Lens: High impact clear acrylic

LED Options 120v: 2-8, 8w, 50,000 hour LED Panels

Legacy Lamp Options 120v: T5HO in 24w, 39w or 54w; T8 in 17w, 25w or 32w; (3000K)

Lamp Life: LED's 50,000 hours average rating

Legacy Lamp Life: T5HO; 20,000+ hours average rating T8; 24,000+ hours average rating

Lamp Options: 3500K and 4100K

Socket: Bi-pin G5 for T5/T5HO; Bi-pin G13 for T8

Ballast: 120/240/277v Type 1 outdoor high frequency electronic

Wiring 120v: Standard 120v black, white & green

Power Supply 120v: No transformer required

Finish: Optional finishes available; see ordering information below & back cover for details & colors. Custom colors available.

CE | cETLus Intertek | IP53 | T5 HIGH OUTPUT FLUORESCENTS | T8 FLUORESCENTS

SLS-T5-A-2-06-0-0-0-0-24-A-0-BLT

A
B — 30°
C — 45°
D — U-BEND
E — GOOSE NECK

Custom lengths and bends may be ordered for any job specifications you require

24" 608mm | 48" 1219mm | 72" (6x LED) / 93" (8x LED) 1.8m 2.3m
12" on center | 24" on center | 24" on center | 24" on center

24w T5/T5HO — 23" — 11" on center
39w T5/T5HO — 34.5" — 18.5" on center
54w T5/T5HO — 46.5" — 22.5" on center

17w T8 — 24" — 12" on center
25w T8 — 36" — 20" on center
32w T8 — 48" — 24" on center

SLS-T5 or T8 - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___
1   2   3   4   5   6   7   8   9   10   11

ORDERING INFORMATION

1. MATERIAL
A: ALUMINUM

2. VOLTAGE
1: 120V (T5HO, T8)
2: 120/240/277 MULTI VOLT (T5HO ONLY)

3. LIGHT SOURCE
N1: NO LAMP, G5 SOCKET (T5HO 24W)
N2: NO LAMP, G5 SOCKET (T5HO 39W)
N3: NO LAMP, G5 SOCKET (T5HO 54W)
N4: NO LAMP, G13 SOCKET (T8 17W)
N5: NO LAMP, G13 SOCKET (T8 25W)
N6: NO LAMP, G13 SOCKET (T8 32W)
01: FOR FUTURE USE
02: FOR FUTURE USE
03: FOR FUTURE USE
04: 24W T5HO 3000K
05: 39W T5HO 3000K
06: 54W T5HO 3000K
07: 17W T8 3000K
08: 25W T8 3000K
09: 32W T8 3000K
CONSULT FACTORY FOR OTHER KELVIN TEMPERATURES

4. HOOD STYLE
0: NO HOOD
A: HOOD EXTENSION

5. LENS TYPE
0: STANDARD CLEAR
1: SANDBLAST
2: WHITE ACRYLIC

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: BLUE GEL
B: GREEN GEL

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
NP: NO POLE
03: 3 INCHES
06: 6 INCHES
12: 12 INCHES
18: 18 INCHES (MIN FOR U-BEND)
24: 24 INCHES (Max)
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPEC)
E: GOOSE NECK (PROVIDE SPEC)
F: CUSTOM BEND (PROVIDE SPEC)

10. CANOPY
0: NO CANOPIES
1: (2) FA-24-LG-CST ALUM ROUND
2: (2) FA-24-LG-CST BRASS ROUND

3: (2) FA-22-CST ALUM RECTANGLE
4: (2) FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
CUSTOM COLORS AVAILABLE

LIGHT SOURCE RED = 10,000 + HOURS • GREEN = 40,000 TO 50,000 HOURS

SLS-17 SERIES

Small DL-17 Round Back single or double fixture head with 360° swivel mounts unobtrusively to any building facade. Multiple 12v light source options in both MR11 and ALR12.

SPECIFICATIONS

Aluminum: Die cast bullet and canopy; adjustable die cast 360° swivel; extruded aluminum extension pole

Brass: Die cast bullet and canopy; adjustable die cast 360° swivel; extruded brass extension pole

Max Wattage: 35w

Lens: Flat or convex

LED Options: 12v: 2w **ARROW MR11 LED,**

Legacy Lamp Options: 12v: 20w **MR11 ULTRA,** 20w **ALR12**

Lamp Life: ARROW MR11LED 50,000 hours average rating

MR11 ULTRA 10,000 hours average rating

ALR12 2,000 hours average rating

Socket 12v : High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires (MR16) Double contact Ba15d (ALR12)

Wiring: Black 18/2 SPT-1W 8" from base of fixture

Power Supply 12v : Not included. Requires remote 12v transformer or HW-12-75 integrated 12v hardwire transformer. Integrated LED driver HW-12-8700-LED (120v-230v, 8w 700mA) also available.

Finish: Optional finishes available; see ordering information below & back cover for details & colors. Custom colors available

SLS-17-B-1-02-A-2-0-H-18-A-2-BRS

IP55

Arrow LED
LEDS by CREE
CE   cETLus Intertek

A

B
30°

C
45°

D
U-BEND

E
GOOSE NECK

Custom lengths and bends may be ordered for any job specifications you require

42" maximum (aluminum)
36" maximum (brass)

4.5"   3.5"

A   B

Cap styles

36" maximum (aluminum)
24" maximum (brass)

8"

FA-24-LG-CST Canopy   **FA-22-CST Canopy**

3.5"   3.25"

4.75" Dia. X 1"   3.25" X 5.75" X 1"
1/2"NPS Center Hole   1/2"NPS Center Hole

ORDERING INFORMATION

SLS-17- ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____

1	2	3	4	5	6	7	8	9	10	11

1. MATERIAL
A: ALUMINUM
B: BRASS
STAINLESS STEEL (CONSULT FACTORY)

2. FIXTURE TYPE
1: SINGLE
2: DOUBLE

3. LIGHT SOURCE
NL: NO LAMP, BI PIN SOCKET
01: 20W FL(FTD) 30°
02: 20W FL ULTRA 30° 10K HOURS
03: 20W SP(FTB) 10°
04: 35W FL(FTH) 30°
05: 35W SP(FTE) 10°
06: 20W ALR12 FL(GBF) 32°
07: 20W ALR12 FL(GBE) 18°
08: 20W ALR12 SP(GBD) 6°
09: 2W ARROW LED MR11 SP 15° 50K HOURS
10: 2W ARROW LED MR11 FL 40° 50K HOURS

4. CAP STYLE
A: ANGLE CAP
B: FLAT CAP

5. LENS TYPE
1: CONVEX
2: FLAT

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: LINEAR SPREAD
B: WIDE SOFTENER
C: BLUE
D: GREEN

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
12: 12 INCHES
18: 18 INCHES
24: 24 INCHES
30: 30 INCHES
36: 36 INCHES
42: 42 INCHES
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPEC)
E: GOOSE NECK (PROVIDE SPEC)
F: CUSTOM BEND (PROVIDE SPEC)

10. CANOPY
0: NO CANOPY (1/2" NPS REQUIRED)
1: FA-24-LG-CST ALUM ROUND
2: FA-24-LG-CST BRASS ROUND
3: FA-22-CST ALUM RECTANGLE
4: FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
BRS: UNFINISHED BRASS
BAR: BRASS ACID RUST
BAV: BRASS ACID VERDE
BAT: BLACK ACID TREATMENT
CUSTOM COLORS AVAILABLE

LIGHT SOURCE RED = 10,000 + HOURS • GREEN = 40,000 TO 50,000 HOURS

SLS-20 **SERIES**

Versatile single or double fixture heads utilizing our most popular directional bullet, the DL-20. Multiple light source options in both 12v and 120v

SPECIFICATIONS

Aluminum: Die cast bullet and canopy; adjustable die cast swivel; extruded aluminum extension pole

Brass: Die cast bullet and canopy; adjustable die cast swivel; extruded brass extension pole

Max Wattage: 50w

Lens: Flat or convex. No lens (PAR20 only)

LED Options: 12v 4w ARROW MR16 LED

LED Options:120v 9w PAR20 ARROW LED

Legacy Lamp Options: 12v 35W MR16 TITAN
Legacy Lamp Options: 120v 20w PAR20

Lamp Life12v: 4w ARROW MR16 LED 50,000 hours average rating
35w MR16 TITAN 18,000 hours average rating

Lamp Life 120v: 9W PAR20 ARROW LED
50,000 hours average rating

Socket 12v: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

Socket 120v: High temperature brass nickel plated base with 150°C silicone lead wires **H.I.D.** Medium base high temperature 600v, 660w, 4K.V. pulse rated Brass nickel plate screw shell with 150˚C silicone lead wires

Wiring 12v: Black 18/2 SPT-1W 8" from base of fixture;

Wiring 120v: Standard 120v black, white & green

Power Supply 12v: Not included. Requires remote 12v transformer or internal hard wire transformer (HW-12-75, not for LED)

SLS-20-A-2-N3-A-1-0-0-12-A-0-BLT

IP55

(with cap)

Arrow LED — LEDS by CREE

CE — ETL Intertek

A

B
30°

C
45°

D
U-BEND

E
GOOSE NECK

Custom lengths and bends may be ordered for any job specifications you require

36" maximum (aluminum)
30" maximum (brass)

5.25" 6" 8.75"

0 A B

Cap Styles

24" maximum (aluminum)
20" maximum (brass)

8"

FA-24-LG-CST Canopy
3.5"
4.75" Dia. X 1"
1/2"NPS Center Hole

FA-22-CST Canopy
3.25"
3.25" X 5.75" X 1"
1/2"NPS Center Hole

ORDERING INFORMATION

SLS-20- __1__ - __2__ - __3__ - __4__ - __5__ - __6__ - __7__ - __8__ - __9__ - __10__ - __11__

1. MATERIAL
A: ALUMINUM
B: BRASS

2. FIXTURE TYPE
1: SINGLE
2: DOUBLE

3. LIGHT SOURCE
NL: NO LAMP, BI PIN SOCKET
N2: NO LAMP, D.C. SOCKET
N3: NO LAMP, MED BASE SOCKET
N4: NO LAMP, 4K.V. PULSE RATED SOCKET
01: 20W FL(BAB) 36°
02: 20W FL(BAB) 36° ULTRA 10K HOURS
03: 20W FL(BAB) 36° TITAN 12K HOURS
04: 20W NFL(BBF) 24° TITAN 12K HOURS
05: 20W SP(ESX) 12°
06: 20W VWFL(BAB) 60°
07: 35W FL(FMW) 36°
08: 35W FL(FMW) 36° ULTRA 10K HOURS
09: 35W FL(FMW) 36° TITAN 18K HOURS
10: 35W NFL(FMV) 24°
11: 35W NFL(FMV) 24° ULTRA 10K HOURS
12: 35W NFL(FMV) 24° TITAN 18K HOURS
13: 35W SP(FMT) 12°
14: 35W VWFL(FMW) 60°
15: 35W WF(FMW) 60° TITAN 18K HOURS
16: 50W FL(EXN) 36°
17: 50W FL(EXN) 36° ULTRA 10K HOURS
18: 50W FL(EXN) 36° TITAN 18K HOURS
19: 50W NFL(EXZ) 24° ULTRA 10K HOURS
20: 50W NFL(EXZ) 24° TITAN 18K HOURS
21: 50W SP(EXT) 12°
22: 50W SP(EXT) 12° ULTRA 10K HOURS
23: 50W SP(EXT) 12° TITAN 18K HOURS
24: 50W VWFL(FNV) 60°
25: 50W VWFL(FNV) 60° TITAN 18K HOURS
26: 4W ARROW LED (BAB) 35° 50K HOURS
27: 4W ARROW LED (ESX) 12° 50K HOURS
28: 4W SAVER LED 40° 40K HOURS
29: 4W SAVER LED 15° 40K HOURS
30: 20W AR70 FL 25°
31: 20W AR70 SP 8°
32: 50W AR70 FL 25°
33: 50W AR70 FL 8°
34: 4W 120V ARROW LED (BAB) 35° 50K HOURS
35: 4W 120V ARROW LED (ESX) 12° 50K HOURS
36: N/A (FOR FUTURE USE)
37: N/A (FOR FUTURE USE)
38: 9W 120V PAR20 ARROW LED 15°
39: 9W 120V PAR20 ARROW LED 40°

4. CAP STYLE
0: NO CAP (OUTDOOR RATED PAR 20 ONLY)
A: EXTENSION CAP
B: ANGLE CAP

5. LENS TYPE
0: NO LENS (OUTDOOR RATED PAR 20 ONLY)
1: CONVEX
2: FLAT

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: LINEAR SPREAD
B: WIDE SOFTENER
C: BLUE
D: GREEN

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
12: 12 INCHES
18: 18 INCHES
24: 24 INCHES (MAX FOR DOUBLE)
30: 30 INCHES (SINGLE ONLY, MAX BRS)
36: 36 INCHES (ALUMINUM ONLY)
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPEC)
E: GOOSE NECK (PROVIDE SPEC)
F: CUSTOM BEND (PROVIDE SPEC)

10. CANOPY
0: NO CANOPY (1/2" NPS REQUIRED)
1: FA-24-LG-CST ALUM ROUND
2: FA-24-LG-CST BRASS ROUND
3: FA-22-CST ALUM RECTANGLE
4: FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
BRS: UNFINISHED BRASS
BAR: BRASS ACID RUST
BAV: BRASS ACID VERDE
BAT: BLACK ACID TREATMENT
CUSTOM COLORS AVAILABLE

LIGHT SOURCE RED = 10,000 + HOURS • GREEN = 40,000 TO 50,000 HOURS

SLS-22 SERIES

IP55

Using single or double DL-22 Round Back directional bullet fixture heads, the SLS-22 is ideal for lighting building mounted signs from either uplight or downlight position. The 360° swivel and large selection of 12v lamp options provide precise lighting.

SPECIFICATIONS

Aluminum: Die cast bullet and canopy; adjustable die cast 360° swivel; extruded aluminum extension pole

Brass: Die cast bullet and canopy; adjustable die cast 360° swivel; extruded brass extension pole

Max Wattage: 50w

Lens: Flat or convex

LED Options 12v: 4w **ARROW MR16 LED**
Legacy Lamp Options: 35w **MR16 TITAN**

Lamp Life: ARROW MR16 LED 50,000 hours average rating or 35w **MR16 TITAN** 18,000 hours average rating

Socket 12v: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

Wiring 12v: Black 18/2 SPT-1W 8" from base of fixture

Power Supply 12v: Not included. Requires remote 12v transformer or HW-12-75 integrated 12v hardwire transformer. Integrated LED driver HW-12-8700-LED (120v-230v, 8w 700mA) also available.

Finish: Optional finishes available; see ordering information below & back cover for details & colors. Custom colors available

Note: LED must be powered by magnetic transformer or LED driver

SLS-22-A-1-01-A-1-0-0-42-D-3-BLT

IP55

A
B 30°
C 45°
D U-BEND
E GOOSE NECK

Custom lengths and bends may be ordered for any job specifications you require

42" maximum (aluminum)
36" maximum (brass)

5.5"   4.5"

A   B

Cap styles

30" maximum (aluminum)
24" maximum (brass)

8"

FA-24-LG-CST Canopy   FA-22-CST Canopy

3.5"   3.25"

4.75" Dia. X 1"   3.25" X 5.75" X 1"
1/2"NPS Center Hole   1/2"NPS Center Hole

ORDERING INFORMATION

SLS-22- ____ - ____ - ____ ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____

1   2   3   4   5   6   7   8   9   10   11

1. MATERIAL
A: ALUMINUM
B: BRASS
STAINLESS STEEL (CONSULT FACTORY)

2. FIXTURE TYPE
1: SINGLE
2: DOUBLE

3. LIGHT SOURCE
NL: NO LAMP, BI PIN SOCKET
01: 20W FL(BAB) 36°
02: 20W FL(BAB) 36° ULTRA 10K HOURS
03: 20W FL(BAB) 36° TITAN 12K HOURS
04: 20W NFL(BBF) 24° TITAN 12K HOURS
05: 20W SP(ESX) 12°
06: 20W VWFL(BAB) 60°
07: 35W FL(FMW) 36°
08: 35W FL(FMW) 36° ULTRA 10K HOURS
09: 35W FL(FMW) 36° TITAN 18K HOURS
10: 35W NFL(FMV) 24°
11: 35W NFL(FMV) 24° ULTRA 10K HOURS
12: 35W NFL(FMT) 24° TITAN 18K HOURS
13: 35W SP(FMT) 12°
14: 35W VWFL(FMW) 60°
15: 35W WF(FMW) 60° TITAN 18K HOURS
16: 50W FL(EXN) 36°
17: 50W FL(EXN) 36° ULTRA 10K HOURS
18: 50W FL(EXN) 36° TITAN 18K HOURS

19: 50W NFL(EXZ) 24° ULTRA 10K HOURS
20: 50W NFL(EXZ) 24° TITAN 18K HOURS
21: 50W SP(EXT) 12°
22: 50W SP(EXT) 12° ULTRA 10K HOURS
23: 50W SP(EXT) 12° TITAN 18K HOURS
24: 50W VWFL(FNV) 60°
25: 50W VWFL(FNV) 60° TITAN 18K HOURS
26: 4W ARROW MR16 LED (BAB) 35° 50K HOURS
27: 4W ARROW MR16 LED (ESX) 12° 50K HOURS
28: 4W SAVER LED 40° 40K HOURS
29: 4W SAVER LED 15° 40K HOURS
30: 6W ARROW LED 40° 50K HOURS

4. CAP STYLE
A: ANGLE CAP
B: FLAT CAP

5. LENS TYPE
1: CONVEX
2: FLAT

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: LINEAR SPREAD
B: WIDE SOFTENER
C: BLUE
D: GREEN

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
12: 12 INCHES
18: 18 INCHES
24: 24 INCHES
30: 30 INCHES
36: 36 INCHES
42: 42 INCHES (ALUMINUM ONLY)
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPEC)
E: GOOSE NECK (PROVIDE SPEC)
F: CUSTOM BEND (PROVIDE SPEC

10. CANOPY
0: NO CANOPY (1/2" NPS REQUIRED)
1: FA-24-LG-CST ALUM ROUND
2: FA-24-LG-CST BRASS ROUND
3: FA-22-CST ALUM RECTANGLE
4: FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
BRS: UNFINISHED BRASS
BAR: BRASS ACID RUST
BAV: BRASS ACID VERDE
BAT: BRASS BLACK ACID TREATMENT
CUSTOM COLORS AVAILABLE

LIGHT SOURCE RED = 10,000 + HOURS • GREEN = 40,000 TO 50,000 HOURS

SLS-42 SERIES

IP56

Three different integrated LED Module options in 7w, 11w or 15w with 4 interchangeable optics (15˚, 40˚, 60˚ or no optics 180°). Endless flexibility combined with integrated LED modules will provide years of maintenance free lighting.

SPECIFICATIONS

Construction: Cast aluminum or Cast brass integrated heat sink base; matching cast adjustable swivel with 240° rotation; Extruded aluminum, brass or copper housing (copper housing has brass base)

Max Wattage: 15w

Lens: High impact clear tempered convex glass

LED Options 7w, 11w or 15w Integrated LED Module with 12v driver on board

Lamp Life: 50,000 hours average rating

Socket None

Wiring 12v: Black 18/2 SPT-1W 8" from base of fixture

Power Supply 12v: Not included. Requires remote 12v transformer

Finish: Optional finishes available; see ordering information below & back cover for details & colors.

Note: LED must be powered by magnetic transformer or external 120v LED driver.
45° bend required for full rotation of single fixture towards wall.
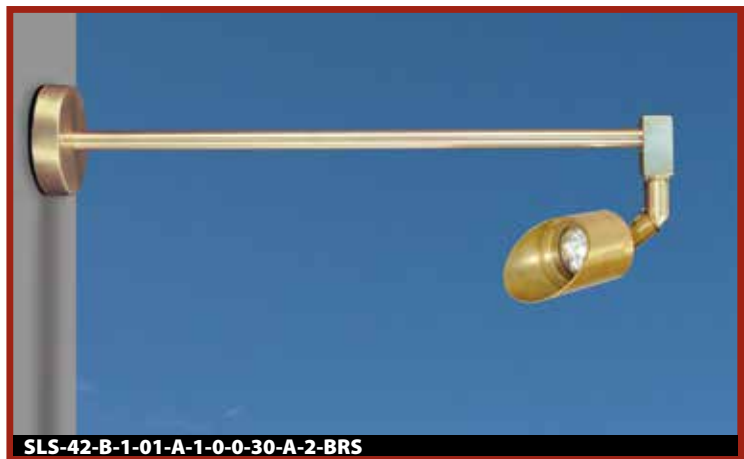
SLS-42-B-1-01-A-1-0-0-30-A-2-BRS

IP56
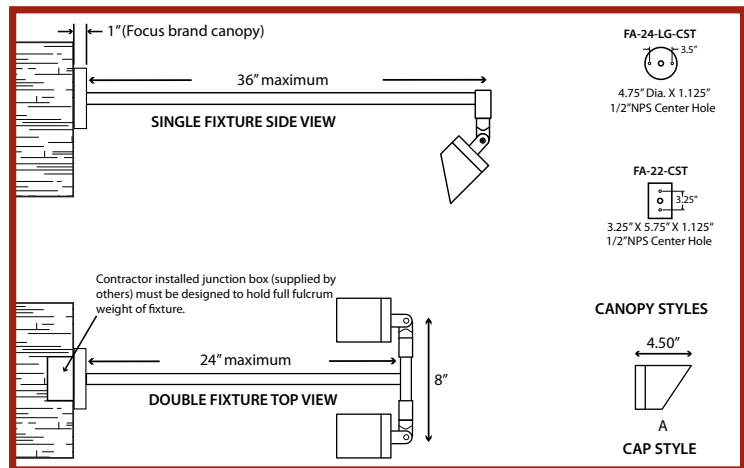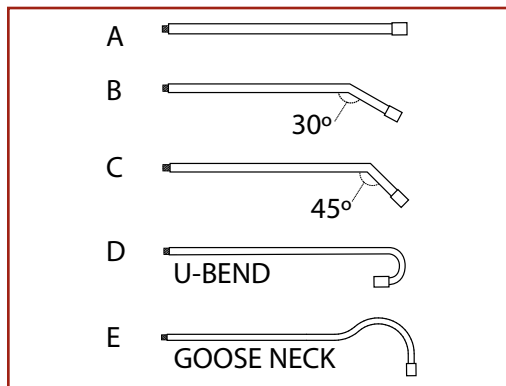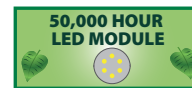
50,000 HOUR LED MODULE

CE ETL Intertek

A

B 30º

C 45º

D U-BEND

E GOOSE NECK

1" (Focus brand canopy)

36" maximum

SINGLE FIXTURE SIDE VIEW

FA-24-LG-CST
3.5"
4.75" Dia. X 1.125"
1/2"NPS Center Hole

FA-22-CST
3.25"
3.25" X 5.75" X 1.125"
1/2"NPS Center Hole

Contractor installed junction box (supplied by others) must be designed to hold full fulcrum weight of fixture.

24" maximum 8"

DOUBLE FIXTURE TOP VIEW

CANOPY STYLES
4.50"
A
CAP STYLE

Custom lengths and bends may be ordered for any job specifications you require

ORDERING INFORMATION

SLS-42- ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____
1   2   3   4   5   6   7   8   9   10   11

1. MATERIAL
A: ALUMINUM
B: BRASS
C: COPPER (WITH BRASS POLE/CANOPY)

2. FIXTURE TYPE
1: SINGLE
2: DOUBLE

3. LIGHT SOURCE
01: 7W LED MODULE 15° SPOT
02: 7W LED MODULE 40° FLOOD
03: 7W LED MODULE 60° WIDE FLOOD
04: 7W LED MODULE NO OPTICS

05: 11W LED MODULE 15° SPOT
06: 11W LED MODULE 40° FLOOD
07: 11W LED MODULE 60° WIDE FLOOD
08: 11W LED MODULE NO OPTICS

09: 15W LED MODULE 15° SPOT
10: 15W LED MODULE 40° FLOOD
11: 15W LED MODULE 60° WIDE FLOOD
12: 15W LED MODULE NO OPTICS

4. CAP STYLE
A: ANGLE CAP ONLY

5. LENS TYPE
1: CONVEX LENS

6. LENS ENHANCEMENT
0: NO LENS ENHANCEMENT
A: N/A
B: WIDE SOFTENER
C: BLUE
D: GREEN

7. GLARE SHIELDING
0: NO SHIELDING
H: HEX CELL LOUVER

8. EXTENSION POLE LENGTH
12: 12 INCHES
18: 18 INCHES
24: 24 INCHES (MAX DOUBLE)
30: 30 INCHES (SINGLE ONLY)
36: 36 INCHES (MAX SINGLE)
CUSTOM: LIST # OF INCHES

9. EXTENSION POLE STYLE
A: STRAIGHT
B: 30° BEND
C: 45° BEND
D: U BEND (PROVIDE SPEC)
E: GOOSE NECK (PROVIDE SPEC)
F: CUSTOM BEND (PROVIDE SPEC)

10. CANOPY
0: NO CANOPY (1/2" NPS REQUIRED)
1: FA-24-LG-CST ALUM ROUND
2: FA-24-LG-CST BRASS ROUND
3: FA-22-CST ALUM RECTANGLE
4: FA-22-CST BRASS RECTANGLE

11. COLOR
BLT: BLACK TEXTURE (STANDARD)
ATV: ANTIQUE VERDE
BLK: BLACK GLOSS
BRT: BRONZE TEXTURE
CAM: CAMEL TONE
CPR: CHROME POWDER
HTX: HUNTER TEXTURE
RBV: RUBBED VERDE
RST: RUST
STU: STUCCO
WBR: WEATHERED BROWN
WIR: WEATHERED IRON
WHT: WHITE GLOSS
WTX: WHITE TEXTURE
BRS: UNFINISHED BRASS
BAR: BRASS ACID RUST
BAV: BRASS ACID VERDE
BAT: BLACK ACID TREATMENT

CUSTOM COLORS AVAILABLE

LIGHT SOURCE GREEN = 50,000 HOURS

SLS-WM *Custom Wall Mount Sign Light*

Sign Holder Bracket: Extruded brass with brass hardware
Fixtures: Two RXD-08 machined brass cylinder bullets with threaded cap & cast brass adjustable swivel. Angle cap model available January 2015
Lamp Options: We recommend 4w or 6w ARROW LED; 50,000 hours

Lens: Clear tempered flat glass

O-Ring: High temperature red silicone

LED Options: 2x 4w ARROW MR16 LED

Socket: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires

Wiring: Standard 120v black, white, green

Mounting: Welded wall mount bracket attached. Mounting holes to be determined.

Finish: Optional finishes available; see ordering information on back cover for details & colors. Custom colors available.

Note: Sign supplied by others

Accessories For SLS-WM Wall Mount Sign Lights:

FA-99	Clear convex lens
FA-11-BLUE	Blue Tempered Flat Glass Lens
FA-11-GREEN	Green Tempered Flat Glass Lens
FA-11-AMBER	Amber Tempered Flat Glass Lens
FA-11-RED	Red Tempered Flat Glass Lens
FA-98-36C16	Linear Spread Tempered Glass Lens
FA-104-SB	Wide Spread Sand Blasted Glass Lens

WT SERIES WEATHERPROOF TRANSFORMERS SPECIFICATIONS:

- Heavy duty extruded aluminum enclosure (.125) 6063-T6 with locking slide cover.
- Powder coated with black gloss polyester finish (optional finishes available).
- Rain tight enclosure, above grade (Nema 3R).
- Long life, high temperature (130°C) rated transformers.
- Isolation/insulation type. No contact between 120v and 12v windings.
- Single phase, open core and coil.
- 120v primary, 12.5v secondary 50/60 hertz/cycle.
- 6 ft. (18/3) SJT-WA weatherproof grounded power cord with flat angle plug (120v).
- Magnetic resettable circuit breakers.
- On/Off control via rocker switch.
- Extra-heavy-duty (75A) terminal block easily handles extra cable sets.
- UL 1838 and 1598 listed. The standard for Low Voltage Landscape Lighting Systems.
- LED power Indicators
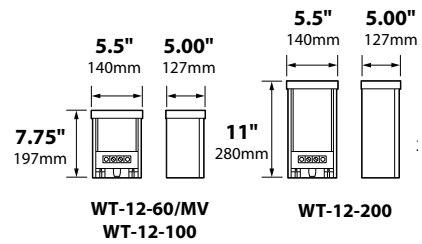
WARRANTY FOR WT SERIES

5 year warranty on enclosure. 3 year warranty on mechanical / electrical components.

1 year warranty on Mechanical (-T), Digital (-DT) & Astro (-AT) Time Clocks.
No warranty on plug-in timers or other parts not supplied by FOCUS Industries.

Catalog Number	Description	Number of Circuits
WT-12-60/-MV	60 watt Transformer	1
WT-12-100	100 watt Transformer	1
WT-12-200	200 watt Transformer	1
WT-12-300	300 watt Transformer	1
WT-212-200	200 watt Transformer	2
WT-212-300	300 watt Transformer	2
WT-212-600	600 watt Transformer	2
WT-312-900 (3 x 300w)	900 watt Transformer	3
WT-412-1200 (4 x 300w)	1200 watt Transformer	4

NEMA 3R CE ETL Intertek
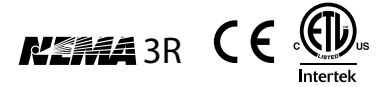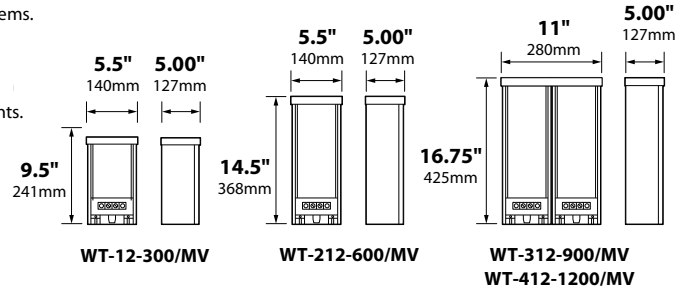
WT-12-300-DT-RPC

Key slotted top plate for easy mounting and alignment

Polyester (black gloss) powder coat finish. Optional finishes available. See page 3

Lockable slide cover plate with installation and operational guide.

6063-T6 aluminum extruded housing for maximum heat sink (.125) corrosion resistance

Digital time clock (-DT), LCD Display, Easy to program (Optional)

2 LED indicators for 120v power on & 12v power to terminal

GREAT FEATURE: Supplied with mounting plate and hardware for easy installation (key slotted back)

Anti-Noise & Vibration Pads

Remote Photocell (-RPC) with 15' plug cord and mounting hub (expandable to 50'). Dusk-to-dawn automatic control. (Optional)

Resettable magnetic circuit breaker for overload & short circuit protection.

6' SJT-WA grounded Flat power cord 18/3 (120v)

WT-12-300-T-D-MV-RP-C Custom Powder Coat
1 Circuit (300 watt)
Extruded Aluminum Housing with Custom Powder Coat Finish

WT SERIES WEATHERPROOF TRANSFORMER ENHANCEMENTS:

TIMER-READY (-TR) OPTIONS

- Timer-ready receptacle for use with plug-in Intermatic timer or other. Simply plug in timer for use. (Intermatic Timer not supplied through FOCUS Industries. Consult factory for suppliers.)
- X10 Module. Remote control ready. (X10 Module or other not supplied through FOCUS Industries. Consult factory for suppliers.)
- Easy replacement of timer or control device, in seconds.
- Manual/remote operation.

NEMA 3R CE ETL Intertek
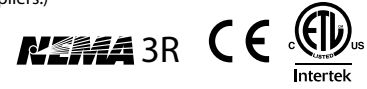
Figure 1: Timer-Ready WT-12-300-TR
(Left) Intermatic Timer and X-10 Module *(Not supplied)*
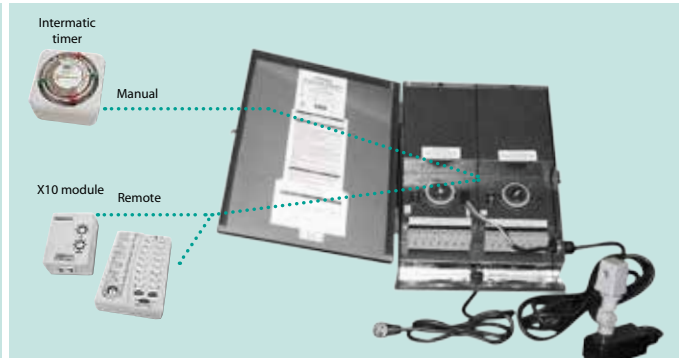Add -TR suffix to catalog number

Figure 2: Timer-Ready WT-312-900-TR-PC-MV2
(Left) Intermatic Timer and X-10 Module *(Not supplied)*
Add -TR suffix to catalog number

WT SERIES FACTORY-INSTALLED ENHANCEMENTS:

Figure 3:
Integral Timer
Add -T suffix to catalog no.

Figure 4:
Photocell*
Add -PC suffix to catalog no.

Figure 5: (Note 1)
Remote Photocell*
Add -RPC suffix to catalog no.
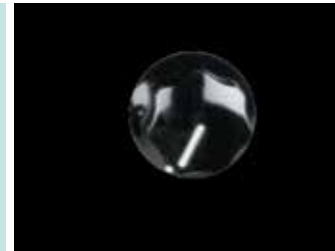
Figure 6:
Full Phase/Range Dimmer
Add -D suffix to catalog no.

Figure 7: (Note 2)
24vAC Relay to irr. controller
Add -R suffix to catalog no.

Figure 8: (Note 3)
Multi-Voltage Output
Add -MV suffix to catalog no.

WT Transformer

on TMS-1 Mount System

Figure 9: (Note 4)
Accessory Knockout Plate
Add FA-101 to order

Figure 10:
Astro Timer
Add -AT suffix to catalog no.

Figure 11:
Digital Timer
Add -DT suffix to catalog no.

Note 1: Remote Photocell comes with 15 foot cord and mounting hubs.

Note 2: Supplied with 18/2 zip cord to wire into empty station and common of irrigation controller. Must use a non-water program. Must have an empty station available.

Note 3: Multi-voltage output has 12.5v, 13.5v and 14.5v taps.

Note 4: Accessory knockout plate for 12v cable conduit feed *(FA-101)*. 1/2" knockouts supplied with all Timer *(-T)* and Timer-Ready *(-TR)* units.

Timer-ready transformers have these options available.

201

M SERIES TRANSFORMERS SPECIFICATIONS:

- Heavy-duty 18 gauge brushed stainless steel NEMA 3R enclosure with hinged locking door (Lifetime warranty) MST, MLT.
- Heavy-duty aluminum enclosure 18 gauge for MAS, MAL.
- Black polyester powder coat finish standard for outer enclosure MAS, MAL.
- Rain tight enclosure, above grade (Nema 3R Type).
- Long life, high temperature (130°C) 266°F Class 'B' rated Transformers.
- Isolation/insulation type. No contact between 120v and 12v windings. Copper shield.
- 1500v Isolation between all windings and ground.
- 11 gauge cold rolled steel 'L' brackets for stable mounting.
- M19 electrical grade steel for superior electrical and magnetic properties.
- Strip copper secondary windings for lower temperature rise.
- Single phase, open core and coil.
- EL laminated windings (Linear output) vacuumed impregnated with black slate flour. Filled varnish for superior heat dissipation and noise reduction.
- 120v primary, 12.5v secondary 50/60 hertz/cycle standard.
- 6 ft. (18/3) SJT-WA weatherproof grounded powercord (120v).
- On/off control via rocker switch.
- Extra heavy-duty (75A) terminal lug easily handles extra cable sets.
- Resettable magnetic circuit breaker for overload and short circuit protection.
- UL 1838 and 1598 Listed. The Standard for Low Voltage Landscape Lighting Systems.
- All units are supplied with knock-outs for easy upgrading or adding of accessories.
- MAS/MST Series combo knockouts for 12v cable conduit feed available in 2x 1/2″ or 3/4″, 1x 1″ & 1x 2″
- MAL/MLT Series combo knockouts for 12v cable conduit feed available in 4x 1/2″ or 3/4″, 2x 1″ & 2x 2″
- Flip bottom. M Series has easy access wiring and large knockouts.

- Super Terminal lug system wiring advantages: Less tools required, no need for spade connector, simply place stripped wire in barrel and screw down.
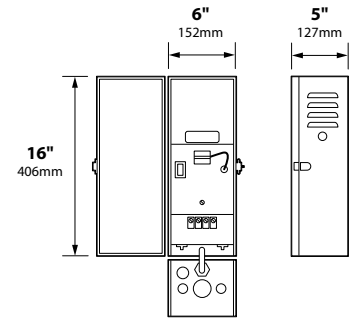
MST-12-300-TR
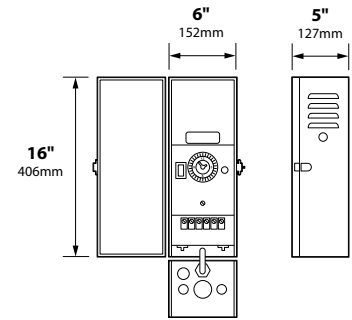
MAS-212-600-T

Catalog Number	Wattage	Catalog Number	Wattage
MST/MAS-12-200	1 x 200	MLT/MAL-312-900	3 x 300
MST/MAS-12-300	1 x 300	MLT/MAL-412-1200	4 x 300
MST/MAS-212-200	2 x 200		
MST/MAS-212-300	2 x 300		
MST/MAS-212-600	2 x 300		

NEMA 3R   CE   ETL LISTED c US Intertek

MST-12-300-PC
Transformer with Photocell
Custom Powder Coat Finish

WHY USE M SERIES KITS?

1. Modular design enables fast and easy field upgrades. Add or remove any control device in minutes. **NO** down time!

2. Transformer never leaves job site, makes repair work hassle-free. No return of unit to factory.

3. Add additional power modules for increased capacities. More lighting for new applications.

4. Less inventory required, stock 1 or 2 main units and kits for upgrading.

5. Saves time and money. **Keeps you and your customers happy!**

12" 305mm **16"** 406mm

MAL-412-1200-TR2

12" 305mm **16"** 406mm **5"** 127mm

MLT-312-900-T

NEMA 3R CE ETL Intertek
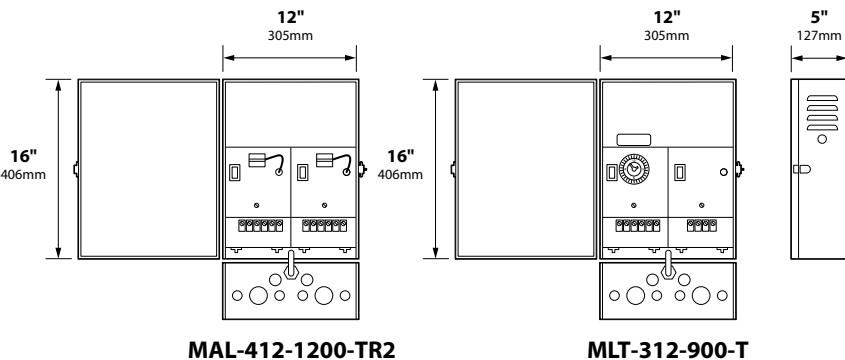
MAS-12-300-T
Transformer with Integral Timer
Custom Powder Coat Finish

NEMA 3R **MLT-412-1200-2DT-RPC**

Lug Capacity
3x #8 cable
5x #10 cable
7x #12 cable

18 gauge #4 brushed stainless steel enclosure and latchable hinged door.

(-D) Full phase dimmer - 12.5v - 0.0v (Not shown)

80 Amp. extra heavy duty terminal lug. 1-4 cable sets can be placed in each terminal.

2 LED indicators for 120v power on & 12v power to terminal

Super Terminal Lug system wiring advantages:
• Fewer tools required
• No need for spade connectors
• Simply place stripped wire in barrel and screw down

8 cooling louvers for maximum heat dissipation

(-DT) Digital timer Easy to program (Optional)

Photocell Quick Connect

On/Off switch

Site Log

Flip bottom for easy access wiring. MST/MLT Series.

6' SJT-WA grounded flat power cord (18/3 - 120v)

Resettable magnetic circuit breakers (overload short circuit protection) on secondary side.

GREAT FEATURE: Supplied with mounting plate and hardware for easy installation (key slotted back).

Combo knockouts for 12v cable conduit feed.
• 4 x 1/2" or 3/4"
• 2 x 1"
• 2 x 2"

(-RPC) Remote photocell with 15' cord and mounting hub (available up to 50'). Dusk-to-dawn automatic control. (Optional)

(-R) 24v VAC or 12v VAC relay access to connect irrigation controller (Optional)

MLT-412-1200-2DT-RPC
With Super Terminal Lug System, 2 Timers and Remote Photocell
Stainless Steel Enclosure

Anti-Noise & Vibration Pads

EASY TO INSTALL: with mounting plate (key slotted back)

203

MST/MLT, MAS/MAL ENHANCEMENTS:

TIMER-READY (-TR) OPTIONS

- Timer-ready receptacle for use with plug-in Intermatic timer or appliance timer. Simply plug in timer for use. (Intermatic Timer not supplied through FOCUS Industries. Consult factory for suppliers.)
- X10 Module. Remote control ready. (X10 Module or other not supplied through FOCUS Industries. Consult factory for suppliers.)
- Easy replacement of timer or control device, in seconds.
- Manual or remote operation.
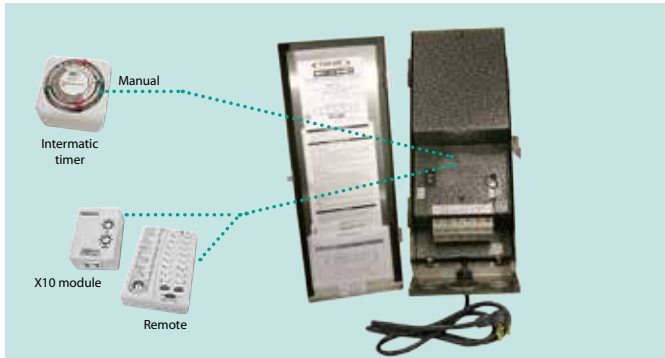
Figure 1: Timer-Ready MST-12-300-TR-D-MV	**Figure 2: Timer-Ready MST-412-1200-TR-MV2**
(Left) Intermatic Timer and X-10 Module *(Not supplied)*	*(Left)* Intermatic Timer and X-10 Module *(Not supplied)*
Add -TR suffix to catalog number	Add -TR suffix to catalog number

MST/MLT, MAS/MAL SERIES FACTORY-INSTALLED ENHANCEMENTS:

Figure 3 (Note 1)	**Figure 4:**	**Figure 5:** (Note 2)	**Figure 6:** (Note 3)
Digital Timer	**Mechanical Timer**	**Photocell**	**Remote Photocell***
Add -DT suffix to catalog no.	Add -T suffix to catalog no.	Add -PC suffix to catalog no.	Add -RPC suffix to catalog no.

Figure 7:	**Figure 8:** (Note 4)	**Figure 9:** (Note 5)	**Figure 10:**
Full Phase/Range Dimmer	**24vAC Relay**	**Multi-Voltage Output***	**Astro Timer**
Add -D suffix to catalog no.	Add -R suffix to catalog no.	Add -MV suffix to catalog no.	Add -AT suffix to catalog no.

Note 1: Not for -TR Transformers built into the unit. 15 minute control increments.
Notes 2 and 3: Available for left or right side of transformer. Specify at time of order. (Right side is standard).
Note 4: Supplied with 18/2 zip cord to wire into empty station and common of irrigation controller. Must use a non-water program. Must have an empty station available.
Note 5: 12.5v, 13.5v and 14.5v taps. Multiple input voltages available, consult factory.

Timer-ready transformers have these options available.

M SERIES FIELD-INSTALLED KITS:

MAS/MAL features an aluminum enclosure, MST/MLT features a stainless steel enclosure.

Note: All Field-Installed kits are plug-and-go, supplied with instructions and all hardware to make the upgrade. Plug the 1/4" quick connector to the designated terminal and enhance a new or existing landscape lighting system in minutes.

1. Mechanical Timer Kit (-T KIT)
2. Digital Timer Kit (-DT KIT)
3. Photocell Kit (-PC KIT)
4. Remote Photocell Kit (-RPC KIT)
5. Full Phase Dimmer Kit (-D KIT)
6. 12v/24v AC Relay Kit (-R KIT)

LED TRANSFORMERS

RECOMMENDED FOR LED

NEMA 3R

CE ETL Intertek
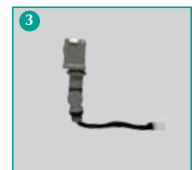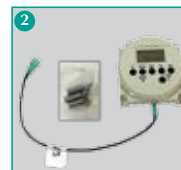
UL Listing 1598 1838

SPECIFICATIONS

- 60, 120, 180, 300 and 600 watt output models available
- UL 1838 listed, the "standard" for low voltage landscape lighting systems
- Multi Voltage output standard (12.5, 13.5 & 14.5 volts)

RXT-12-300MV

- Super Terminal Lugs with capacity of 3 x #8, 5 x #10, 7 x #12 or 9 x #14 gauge wire
- 304 Stainless Steel enclosure with #4 brushed finish
- Removable Stainless Steel hinged door is lockable and weather sealed
- Above grade, NEMA 3R rated, rain tight enclosure
- LED indicators for instant recognition of 120v and 12v power
- Timer Ready standard (for plug-in timers supplied by others)
- Optional Mechanical Timer (-T), Digital Timer (-DT) and Astro Timer (-AT) face plates can be factory or field installed
- Photocell Ready with quick connector (not -AT models)
- Supplied with two 1/2" conduit (trade size) holes & one 1-1/2" inlet with plugs
- Bottom panel plus 2 side panel 1/2" conduit (trade size) holes with plugs
- Break away bottom panel swings down for easy access wiring
- 11 gauge cold rolled steel 'L' brackets for stable mounting
- Mounting plate and hardware included

ELECTRICAL

- Long life, high efficiency 266°F (130°C) class 'B' rated transformer core
- Copper shielded isolation/insulation; No contact between 120v and 12v windings

New Deeper Case Accomodates Most Popular Brands Of Plug-In Timers

- 1500v Isolation between all windings and ground
- Grade M19 electric grade steel for superior electrical and magnetic properties
- Single phase, open core and coil
- E.L. laminated core has concentric winding and is protected by 130°C thermal switch.
- Double vacuumed impregnated with black slate flour
- Filled varnish for superior heat dissipation and noise reduction
- 120v primary, 12.5v secondary 50/60 Hertz/cycle (standard)
- 6 foot 18/3 SJT-WA weatherproof grounded power cord (120v)
- ON/OFF control via rocker switch on 120v side
- Extra heavy duty (80 amp) terminal lugs
- Manually resettable circuit breaker for overload and short circuit protection

FOCUS RXT SERIES • THE BEST TRANSFORMERS AT THE BEST PRICE

INTERCHANGEABLE FACEPLATES

Astro Timer Faceplate (-AT)

Digital Timer Faceplate (-DT)

Mechanical Timer Faceplate (T)

Interchangeable faceplates with 3 selections of timers can be installed at factory, distribution level or in the field. Simple installation with only a Phillips screwdriver - no special tools required.

ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	NUMBER OF CIRCUITS
RXT-12-60MV	60 watt MV stainless transformer, timer ready	1 circuit
RXT-12-120MV	120 watt MV stainless transformer, timer ready	1 circuit
RXT-12-180MV	180 watt MV stainless transformer, timer ready	1 circuit
RXT-12-300MV	300 watt MV stainless transformer, timer ready	1 circuit
RXT-12-600MV	600 watt MV stainless transformer, timer ready	2 circuit
RXT-12-60MVAT	60 watt MV stainless transformer, astro timer	1 circuit
RXT-12-120MVAT	120 watt MV stainless transformer, astro timer	1 circuit
RXT-12-180MVAT	180 watt MV stainless transformer, astro timer	1 circuit
RXT-12-300MVAT	300 watt MV stainless transformer, astro timer	1 circuit
RXT-12-600MVAT	600 watt MV stainless transformer, astro timer	2 circuit
RXT-12-60MVDT	60 watt MV stainless transformer, digital timer	1 circuit
RXT-12-120MVDT	120 watt MV stainless transformer, digital timer	1 circuit
RXT-12-180MVDT	180 watt MV stainless transformer, digital timer	1 circuit
RXT-12-300MVDT	300 watt MV stainless transformer, digital timer	1 circuit
RXT-12-600MVDT	600 watt MV stainless transformer, digital timer	2 circuit
RXT-12-60MVT	60 watt MV stainless transformer, mechanical timer	1 circuit
RXT-12-120MVT	120 watt MV stainless transformer, mechanical timer	1 circuit
RXT-12-180MVT	180 watt MV stainless transformer, mechanical timer	1 circuit
RXT-12-300MVT	300 watt MV stainless transformer, mechanical timer	1 circuit
RXT-12-600MVT	600 watt MV stainless transformer, mechanical timer	2 circuit

FACEPLATES

RXT-FP-AT60	RXT-12-60/-120/-180 Face Plate With Astro-Timer
RXT-FP-AT300	RXT-12-300 Face Plate With Astro-Timer
RXT-FP-AT600	RXT-12-600 Face Plate With Astro-Timer
RXT-FP-DT60	RXT-12-60/-120/-180 Face Plate With Digital Timer
RXT-FP-DT300	RXT-12-300 Face Plate With Digital Timer
RXT-FP-DT600	RXT-12-600 Face Plate With Digital Timer
RXT-FP-T60	RXT-12-60/-120/-180 Face Plate With Timer
RXT-FP-T300	RXT-12-300 Face Plate With Timer
RXT-FP-T600	RXT-12-600 Face Plate With Timer
RXT-FP-TR60	RXT-12-60/-120/-180 Face Plate With Timer Ready Receptacle
RXT-FP-TR300	RXT-12-300 Face Plate With Timer Ready Receptacle
RXT-FP-TR600	RXT-12-600 Face Plate With Timer Ready Receptacle

CONTROL OPTIONS
- **-T** Mechanical Timer
- **-DT** Digital Timer
- **-AT** Astro Timer
- **-PC** Photocell

Astro Timer (-AT)

Digitasl Timer (-DT) & Photocell (-PC)
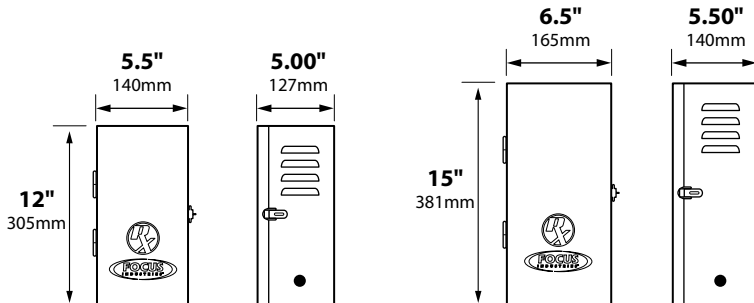
5.5" 140mm 5.00" 127mm 12" 305mm
RXT-12-60MV
RXT-12-120MV
RXT-12-180MV

6.5" 165mm 5.50" 140mm 15" 381mm
RXT-12-300MV
RXT-12-600MV

Mechanical Timer (-T) &
Remote Photo Cell (-RPC)
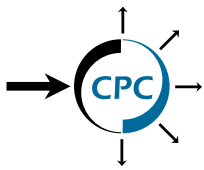
CPC SERIES - CENTRAL POINT CONNECTIONS SPECIFICATIONS:

Designed for grouping multiple fixture lead wires into one weatherproof junction box for easy access, connections, easy voltage metering, quick installation and to help distribute equal voltage to each fixture.

For these transformers: MV (Multi Voltage 12.5, 13.5, 14.5v), HV (High Voltage 12, 13, 14, 15, 16, 18 and 21v), DB Series (Multi Voltage).

HERE'S HOW IT WORKS:

1. Use a FOCUS MV (12.5v - 14.5v) or HV transformer (12v - 21v) output or higher.
2. Deliver from the transformer 1 to 3 12/2, 10/2 or 8/2 main cables into the CPC unit.
3. Bring each fixture lead wire (16/2) 25 feet into the CPC and connect together as shown. Do not cut or reduce the length of 16/2 fixture wire.
4. Recommended for the following layouts: 3 to 6 20w fixtures with 25F leads (16/2) or 2 to 4 35w fixtures with 25F leads (16/2).
5. The distance from the transformer to the CPC unit and fixture load will determine the tap or voltage needed at the transformer.
6. Make sure all loads (fixtures are wired/connected) to determine final voltage needed.
7. Pack connections with 3 inches of 3M die-electric sealing tape after tightening lugs (figure1).
8. Do not exceed 200 watts per CPC connector.
9. Do not cut or shorten fixture lead wires. They must remain the same length to ensure equal voltage to each fixture.
10. All fixtures must be the same wattage, otherwise voltage will vary to each fixture.

8.8" 224mm **6"** 152mm

FA-CPC

FA-CPC-GRAY *(Inset)* **FA-CPC-SAND**
(Arrow) CPC Connector
Gray Direct Burial Junction Box
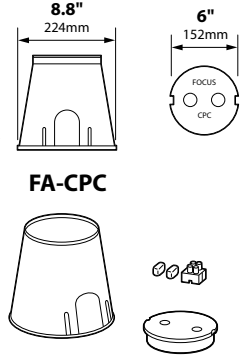
Catalog Number	Description	Color
FA-CPC-GRAY	Central Point Connection Junction Box	Gray
FA-CPC-SAND	Central Point Connection Junction Box	Sand
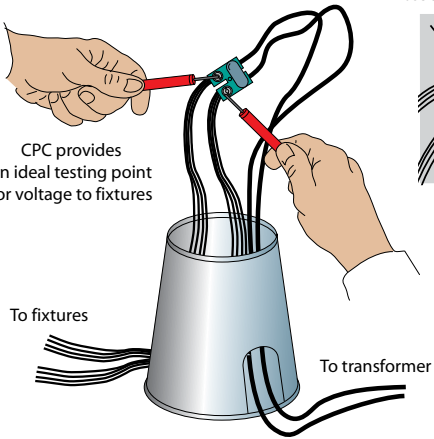
Use 3M tape to seal connection

CPC provides an ideal testing point for voltage to fixtures

To fixtures

To transformer

Weatherproof cover

CPC #1

12v-21v   120v

To CPC #2
To CPC #3
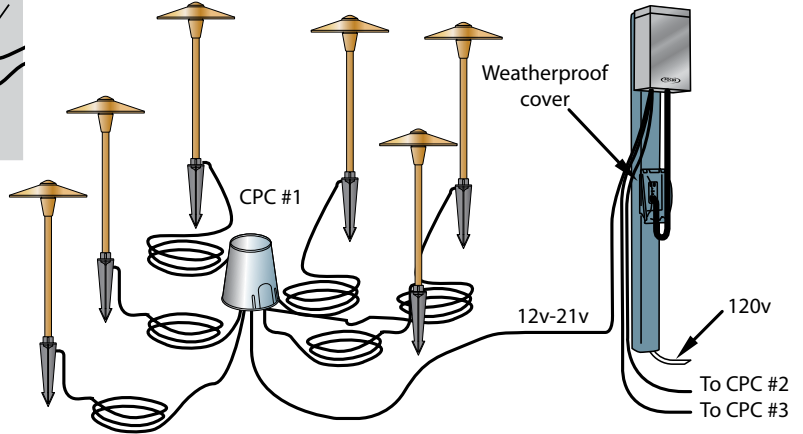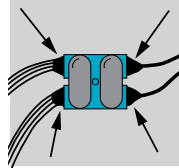
HW-12-75W HARDWIRE TRANSFORMER SPECIFICATIONS:

- 120v input/11.5v output - 75w - electronic
- Flame retardant high temperature housing
- No audible noise
- Light weight, compact design
- Electronic short circuit and overload protection
- Moisture and shock resistant
- 25 KHz operating frequency, 95% efficiency
- 10w minimum load required
- Minus 25°C starting capability

APPLICATIONS:

- Retrofit existing 120v junction boxes to 12v
- Converting to 12 volt allows fixtures to mount to top of J-box or cable distribution on the back or bottom of J-box for additional fixtures.
NOTE: 1 HW unit per single gang weatherproof J-box. For a 2 gang J-Box, 2 units or 150w can be used.

Do not exceed 10 ft from transformer. There is 1v drop for each 10 feet from unit.

1.25" 32mm **0.75"** 19mm
2.125" 54mm
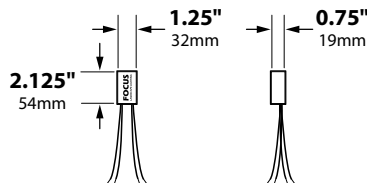
HW-12-75

PI-12-75W PLUG-IN TRANSFORMER SPECIFICATIONS:

- 120v input, 11.5v output, 75w - electronic
- Black flame retardant high temperature housing
- No audible noise
- Light weight, compact design
- Electronic short circuit and overload protection
- Moisture and shock resistant
- 25 KHz operating frequency, 95% efficiency
- 10w minimum load required
- Minus 25° C starting capability
- Nickel plated hospital grade 120v grounded plug
- 10 ft. 18/2 lead wire supplied

APPLICATIONS:

- Instant conversion of 120v receptacle to 12v-75w.
- Single or multiple fixtures can be used (not to exceed 75w).
- Hotel lobbies, atriums, gazebos; wherever there is a receptacle.
- For highlighting single or multiple objects from a concealed power supply.
- For interior or exterior uses. If used outdoors, must be enclosed in a weatherproof receptacle cover.

Do not exceed 10 ft from transformer. There is 1v drop for each 10 feet from unit.

1.75" 44mm **1"** 25mm
2.75" 70mm

PI-12-75

207
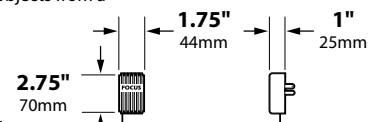
DB SERIES - DIRECT BURIAL TRANSFORMERS SPECIFICATIONS:

- Bronze high temperature fiberglass reinforced composite box and cover (heavy duty)
- Nema 12: below grade enclosure for direct burial applications
- 2 ft. 12/2 cable lead wire for low voltage connections (1 per circuit or voltage)
- Magnetic circuit breaker protection of all models
- 1/2" NPS mounting hubs on cover. Must specify which hole(s) to tap at time of order, if needed.. Ships standard without tapped access holes
- 120v primary, 12.5v secondary, 50/60 hz/cycle standard

DB SERIES FACTORY-INSTALLED OPTIONS

Add indicated suffix to catalog number when ordering

1. Photocell *(-PC)* attached.
2. 12v / 24v VAC Relay Control (-R).
3. Multi-Voltage output (-MV); 12.5v, 13.5v and 14.5v taps. Available 60w, 300w, 600w, 900w, 1200w
4. Top Mount Fixture (for 1-3 fixtures) or photocell. Specify at time of order.
5. For 220v, 240v or 277v add (-220v) (-240v) or (-277v) to catalog number. (12.5v output only) in 300 watt increments.

Two New Mini DB's
GREAT FOR LEDS

Composite Cap

DB-12-25M/DB-12-75E
DB-12-150E/DB-12-LED10/LED60
DBR-55-JB (Junction Box)
Add-BRS For Brass Cap

Brass Cap

DBS-12-25M /DBS-12-60M/DBS-12-100M
DBS-12-75E/DBS-12-150E
DBS-12-LED8 /DBR-55-JB (Junction Box)

SAFETY FEATURES
- Long life, high temperature (130° C) transformers.
- Isolation/insulation type, no contact between 120v and 12v windings.
- Single phase, open core and coil.
- Completely potted for longer life, more efficiency and reduced noise.
- Must be installed by a licensed electrical contractor per local codes.

DB-12-60LEDBAR
Shown With RXP-04-LEDBAR
25w Direct Burial Transformer

DB-12-75, DB-12-100
Direct Burial Transformer
75 watt or 100 watt Capacity

DB-12-120M-PC, DB-12-200-PC
Shown With Optional Photocell Attached
120 watt or 200 watt Capacity

DB-12-75, DB-12-100
Shown with DL-20-AC Fixture Attached
75 watt or 100 watt Capacity

DB-12-75, DB-12-100
Shown With Dual DL-21 Fixtures Attached
75 watt or 100 watt Capacity

DB SERIES - DIRECT BURIAL TRANSFORMERS SPECIFICATIONS (continued)

CATALOG NO.	DESCRIPTION	CIRCUITS	
DB-12-25M/-BRS	25w Magnetic Transformer	1	
DB-12-75E/-BR	75w Electronic Transformer	1	4.5"Ø
DB-12-150E/-BR	150w Electronic Transformer	1	
DB-12-LED8/-BR	8w LED Driver	1	
DBS-12-60M	60w Magnetic Transformer	1	
DBS-12-100M	100w Magnetic Transformer	1	
DBS-12-75E	75w Electronic Transformer	1	6"x6"
DBS-12-150E	150w Electronic Transformer	1	
DBS-12-LED8	8w LED Driver	1	
DB-12-60M	60w magnetic transformer	1	
DB-12-100M	100w magnetic transformer	1	
DB-12-120M	120w magnetic transformer	1	7.25"Ø
DB-12-200	200w magnetic transformer, (2 core)	1	
DB-12-300	300w magnetic transformer, (1 core)	1	
DB-212-300	300w magnetic transformer, (1 core split)	2	
DB-212-600	600w magnetic transformer, (1 core split)	2	
DB-212-600-2C	600w magnetic transformer, (2 core)	2	10"x10"
DB-312-900	600w magnetic transformer, (2 core)	3	
DB-312-900-3C	600w magnetic transformer, (3 core)	3	
DB-412-1200	1200w magnetic transformer, (2 core)	4	
DB-412-1200-4C	1200w magnetic transformer, (4 core)	4	13"x13"

DIRECT BURIAL TRANSFORMER OPTIONS

ADD -MV 12.5v / 13.5v / 14.5v Multi Voltage output on any single circuit transformer (60/300w)
ADD -MV1 (1) 12.5v / 13.5v / 14.5v Multi Voltage output on 2, 3 or 4 circuit transformer (300/600/900/1200w)
ADD -MV2 (2) 12.5v / 13.5v / 14.5v Multi Voltage outputs on 2, 3 or 4 circuit transformer (600/900/1200w)
ADD -MV3 (3) 12.5v / 13.5v / 14.5v Multi Voltage outputs on 3 or 4 circuit transformer (900/1200w)
ADD -MV4 (4) 12.5v / 13.5v / 14.5v Multi Voltage outputs on 4 circuit transformer (1200w)

ADD -PC Photocell mounted on top
ADD -RPC Remote photocell with 15' cord
ADD -R 24v VAC Relay control. (For use with existing irrigation controllers) Must have an empty station available

ADD -220V 220v Input / 12.5v output in 300w increments (no multi voltage)
ADD -240V 240v Input / 12.5v output in 300w increments (no multi voltage)
ADD -277V 277v Input / 12.5v output in 300w increments (no multi voltage)

DB LED DRIVER SPECIFICATIONS:

HW-12-6350120LED: Led Driver 120v input 6w output 350mA
HW-12-6350240LED: Led Driver 240v input 6w output 350mA
HW-12-6350277LED: Led Driver 277v input 6w output 350mA
HW-12-8700LED: Led Driver 120v input 8w output 750mA
HW-12-20700277LED: Led Driver 277v input 6w output 700mA
HW-12-20MVLED: Led Driver 90-277v input 20w output 0-1.6A
HW-12-60LED: LED Driver 120v input, 60w output powers multiple LEDS

Driver must be within 20' of fixture

CE ETL Intertek cUS NEMA 3R

DB-212-300
Direct Burial Transformer
300 watt Capacity

4.5" 114mm | **5.5"** 140mm

7.25" 184mm | **8.75"** 222mm

6"x 6" 152mm | **6"** 152mm

10" x 10" 254mm | **7.75"** 197mm

13" x 13" 330mm | **8.25"**
13" 330mm

4.5" 114mm TOP BOTTOM
FOCUS

DB-12-25M
DB-12-75E
DB-12-150E
DB-12-LED8
DBR-55-JB (Junction Box)

7.25" 184mm TOP BOTTOM
FOCUS
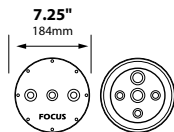
DB-12-60M
DB-12-75E
DB-12-100M
DB-12-150E
DBR-79-JB (Junction Box)

6"x 6" 152mm TOP BOTTOM
FOCUS
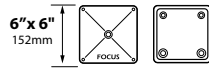
DBS-12-60M
DBS-12-100M
DBS-12-75E
DBS-12-150E
DBS-12-LED8
DBS-66-JB (Junction Box)

10" 254mm TOP BOTTOM
10" 254mm
FOCUS
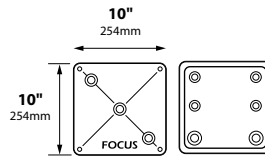
DB-12-120M
DB-12-200
DB-12-300
DB-212-300
DB-99-7JB (Junction Box)

13" 330mm TOP BOTTOM
13" 330mm
FOCUS
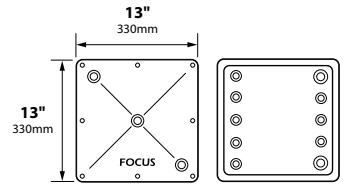
DB-212-600
DB-312-900
DB-412-1200
DB-1212-8JB (Junction Box)

J-Box Conversion
DB 12-60 to 1200
120v | 12v

DB 12-60 to 1200
120-277v | 12v

DB w/ LED Transformer
12v | 120-277v

DB H.I.D. Ballast
DB-120-MH-M102T
120-277v | To H.I.D. DB Enclosure
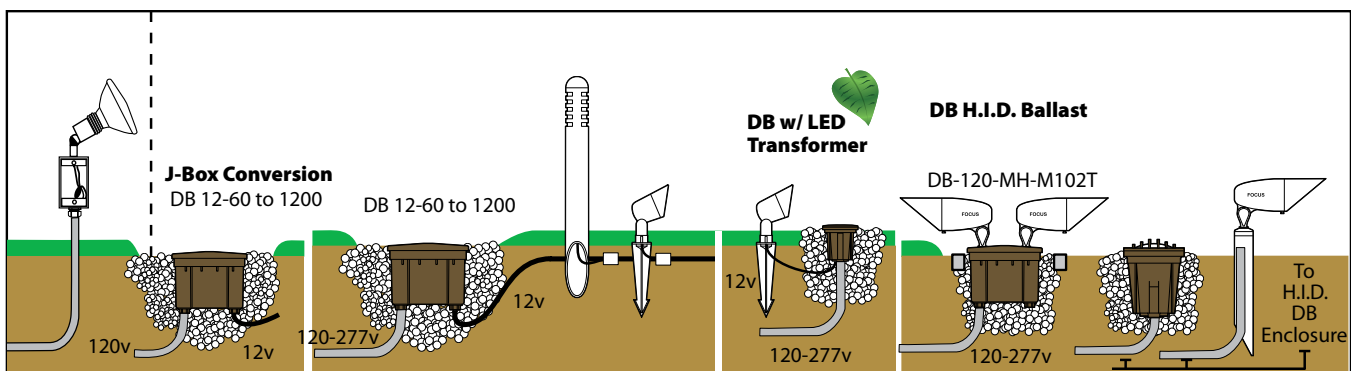
FA-26-TMS-1, FA-26-TMS-2
TRANSFORMER MOUNTING SYSTEM SPECIFICATIONS:

- Duplex receptacle with LED power indicator.
- Ground Fault Interrupted Circuit (GFIC) protection.
- For use with 1 (-TMS1) or 2 (-TMS2) transformers (specify).
- Put power where you need it.
- Reduces expensive cable runs.
- Reduces voltage drop to fixtures.
- Non-corrosive ABS mounting pedestal supplies years of trouble-free operation.
- Available in Black (-BLT)(Standard) or Bronze (-BRT)
- Quick installation.
- Photocell option available add (-PC) to catalog number

Catalog Number

FA-26-TMS-1	Single transformer mounting system
FA-26-TMS-2	Double transformer mounting system
CFA-26-TMS-1-BRT	Composite single transformer mounting system, bronze texture finish
CFA-26-TMS-2-BRT	Composite double transformer mounting system, bronze texture finish

3"
76mm

60"
1525mm

Detail of 120v GFIC receptacle with weatherproof cover

Detail of FA-26-TMS2-BLT with dual transformer mounting plates
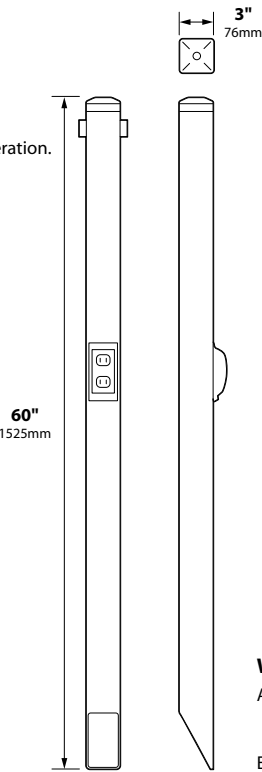
FA-26-TMS-1

FA-26-TMS-With RXT Transformer
Transformer Mounting System
With Duplex Receptacle and GFIC Protection

When to use TRANSFORMER MOUNTING SYSTEM:

All applications where 120v power exists away from a structure to provide a safe and economical GFIC protected circuit with weatherproof cover.

Enables 12v power source to be close in proximity to the 12v lighting fixtures reducing voltage drop and cable lengths.

Focus Transformer

Weatherproof cover

CPC #1

12v-21v   120v

To CPC #2
To CPC #3
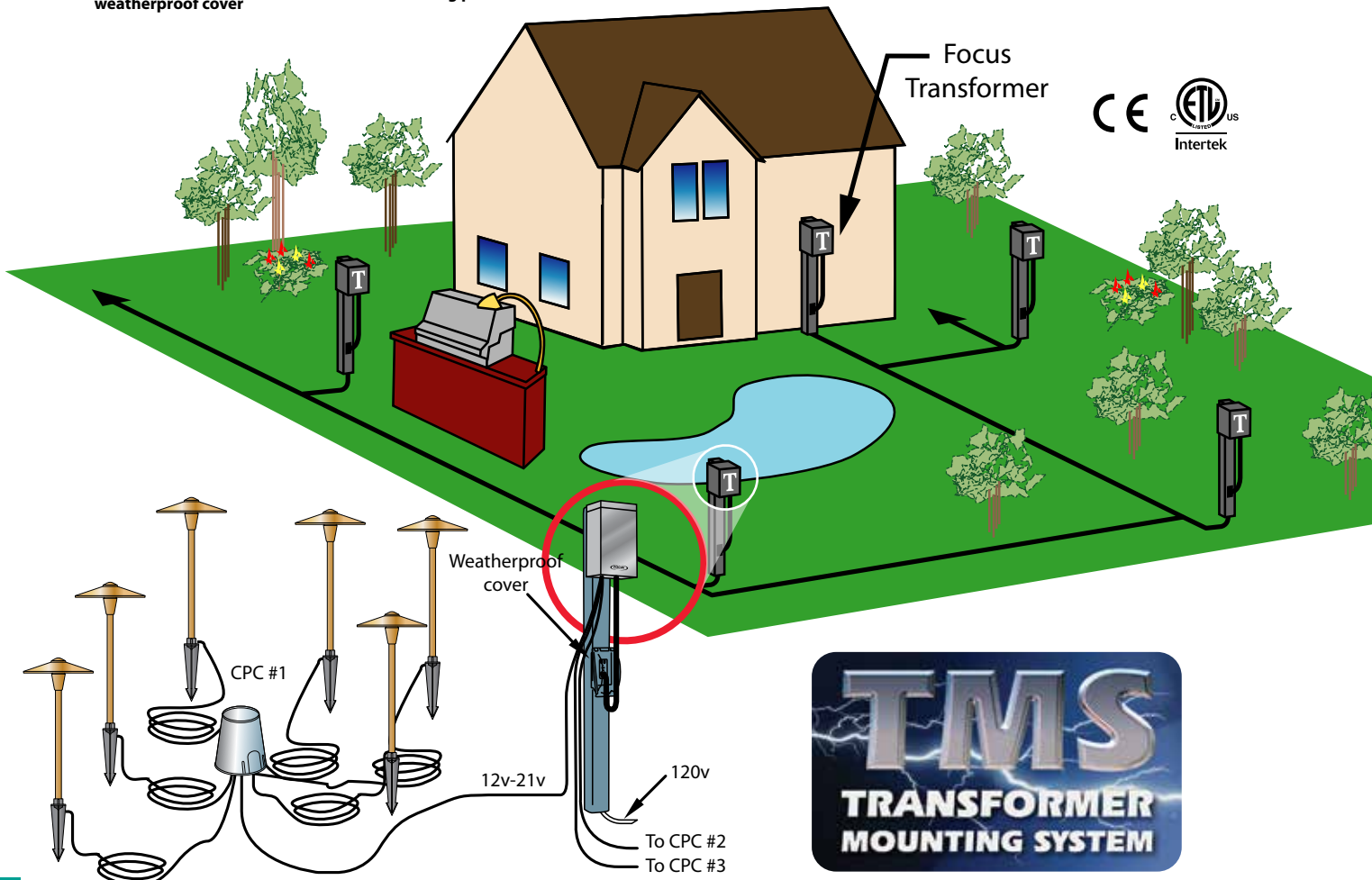
FA-TR Series Tree Rings

FA-TR TREE RING SPECIFICATIONS

CONSTRUCTION: Aluminum or brass tree ring with j-box. 20" or 24" diameter.

Adjustable fixture hubs allow precise placement of fixtures around tree ring

20" Model fits trunk sizes of 8"-13" and accommodates up to 4 fixtures

24" Model fits trunk sizes of 13"-17" and accommodates up to 6 fixtures

MOUNTING: 4x 3/8" x 6" SS Hex Bolts (to secure to tree trunk)

2x 3/8" x 1.5" SS Hex Bolts (closes ring)

4x or 6x 1/2" NPT fittings (secures up to four or six fixtures)

FINISH: Aluminum-Black texture polyester powder coat.

Brass-Unfinished

Optional finishes available.

CATALOG NO.	DESCRIPTION
FA-TR-204H-BLT	20" Aluminum Tree ring w/ 4 fixture hubs
FA-TR-244H-BLT	24" Aluminum Tree ring w/ 4 fixture hubs
FA-TR-204H-BRS	20" Brass Tree ring w/ 4 fixture hubs
FA-TR-244H-BRS	24" Brass Tree ring w/ 4 fixture hubs
FA-TR-204H-BAR	20" Brass Acid Rust Tree ring w/ 4 fixture hubs
FA-TR-244H-BAR	24" Brass Acid Rust Tree ring w/ 4 fixture hubs

Individual hubs for adding fixtures to a tree ring:

FA-TR-HUBBLT	ALUM TREE RING HUB, 1/2"NPS, BLACK TEX
FA-TR-HUBBRS	BRASS TREE RING HUB, 1/2"NPS
FA-TR-HUBBAR	BRASS TREE RING HUB, 1/2"NPS, ACID RUST

J-box for all tree rings:

FA-TR-JBOX	COMPOSITE TREE RING J-BOX, 1/2"NPS

FA-TE204H-BRS
20" Tree Ring
Brass

FA-TE204H-BRT
20" Tree Ring
Aluminum

Groove allows precise placement of fixture hubs

A

Hinge

B

Groove Allows Precise Placement Of Adjustable Fixture Hubs
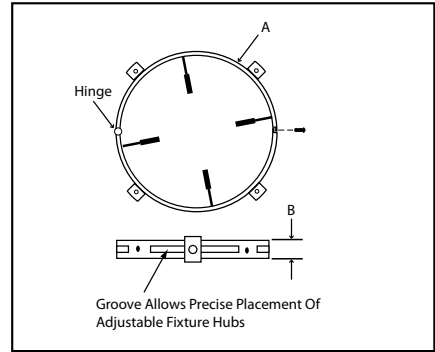
12v/120v	A	B
FA-TR-204H	20"	5"
FA-TR-204H	24"	5"

Virtually any Focus directonal bullet is compatible with the Focus tree ring, including these popular fixtures

RXD-01 Series RXD-02 Series RXD-08 Series DL-44 Series DL-22 Series DL-20 Series DL-30 Series DL-21 Series SL-16 Series DL-42/43 Series

12 VOLT AND 120 VOLT MOUNTING CANOPIES

RECTANGLE ONE HOLE CANOPY   FA-22:
- Stamped brass, copper or stainless steel rectangle canopy with single 1/2" IP open hole
- Cast aluminum, angled face, rectangle canopy with single 1/2" NPS threaded hole

CAST RECTANGLE ONE HOLE CANOPY   FA-22-CST:
Cast aluminum or brass rectangle canopy with single 1/2" NPS threaded hole

RECTANGLE TWO HOLE CANOPY   FA-23:
- Stamped brass, copper or stainless steel rectangle canopy with double 1/2" IP open holes
- Cast aluminum, angled face, rectangle canopy with double 1/2" NPS threaded holes

CAST RECTANGLE TWO HOLE CANOPY   FA-23-CST:
Cast aluminum or brass rectangle canopy with double 1/2" NPS threaded holes

FINISHES: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional Brass Acid Rust (-BAR) and Brass Acid Verde (-BAV) available

CATALOG NO.	DESCRIPTION
FA-22-BLT	Cast Aluminum Rectangle Canopy, Single 1/2" NPS Hole
FA-22-BRS	Stamped Brass Rectangle Canopy, Single 1/2" IP Hole
FA-22-COP	Stamped Copper Rectangle Canopy, Single 1/2" IP Hole
FA-22-SS	Stamped Stainless Steel Rectangle Canopy, Single 1/2" IP Hole
FA-22-CSTBLT	Cast Aluminum Rectangle Canopy, Single 1/2" NPS Hole
FA-22-CSTBRS	Cast Brass Rectangle Canopy, Single 1/2" NPS Hole
FA-23-BLT	Cast Aluminum Rectangle Canopy, Double 1/2" NPS Hole
FA-23-BRS	Stamped Brass Rectangle Canopy, Double 1/2" IP Hole
FA-23-COP	Stamped Copper Rectangle Canopy, Double 1/2" IP Hole.
FA-23-SS	Stamped Stainless Steel Rectangle Canopy, Double 1/2" IP Hole
FA-23-CSTBLT	Cast Aluminum Rectangle Canopy, Double 1/2" NPS Hole
FA-23-CSTBRS	Cast Brass Rectangle Canopy, Double 1/2" NPS Hole

New: FA-22, FA-23, FA-24 mounting canopies now available in cast models. Perfect for heavy fixtures.

FA-22, FA-23 and FA-24 Canopies
Top: FA-22-COP, FA-24-LG-BRS, FA-22-SS
Bottom: FA-24-LG-SS, FA-23-BRS, FA-24-LG-DH-COP
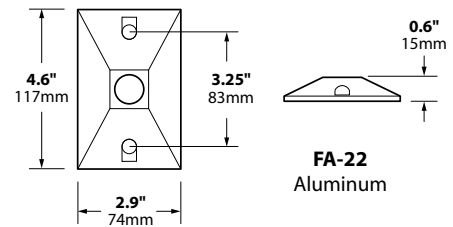
FA-22
4.6" / 117mm
3.25" / 83mm
2.9" / 74mm
0.6" / 15mm
FA-22 Aluminum
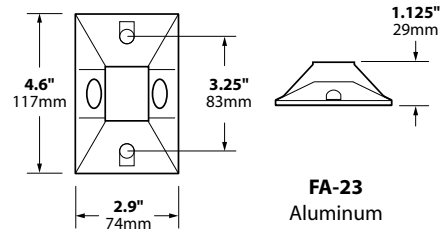
FA-23
4.6" / 117mm
3.25" / 83mm
2.9" / 74mm
1.125" / 29mm
FA-23 Aluminum
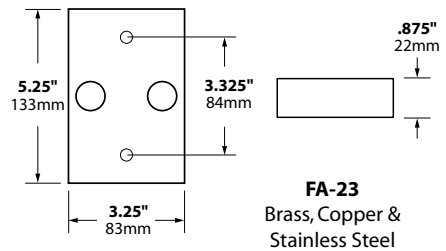
FA-23
5.25" / 133mm
3.325" / 84mm
3.25" / 83mm
.875" / 22mm
FA-23 Brass, Copper & Stainless Steel

FA-24 Round Mini Canopy
Aluminum
Shown w/ DL-22-LEDBRT

FA-23-CST
5.75" / 146mm
3.25" / 83mm
3.5" / 89mm
1.125" / 29mm
FA-23-CST
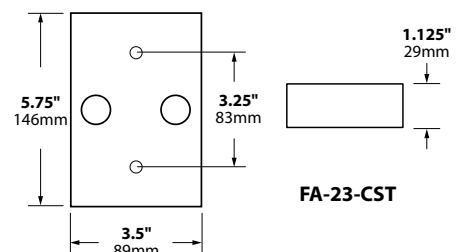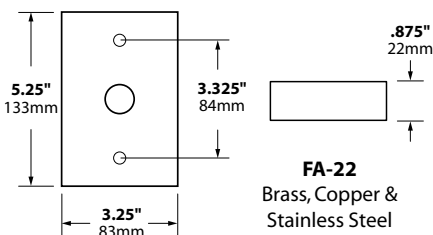
FA-22
5.25" / 133mm
3.325" / 84mm
3.25" / 83mm
.875" / 22mm
FA-22 Brass, Copper & Stainless Steel
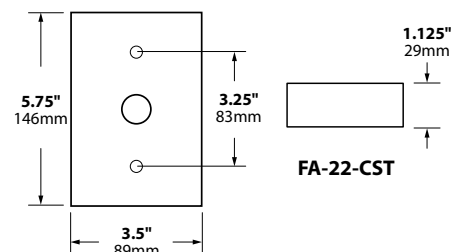
FA-22-CST
5.75" / 146mm
3.25" / 83mm
3.5" / 89mm
1.125" / 29mm
FA-22-CST

12 VOLT AND 120 VOLT MOUNTING CANOPIES-ROUND

SMALL ROUND ONE HOLE CANOPY   FA-24 & CFA-24:
• Cast aluminum or brass small round canopy with single 1/2" NPS threaded hole (FA-24)
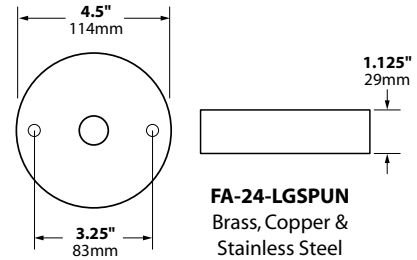• Composite small round canopy with single 1/2" NPS threaded hole (CFA-24)
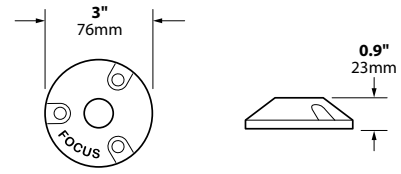
LARGE ROUND ONE HOLE CANOPY   FA-24-LG:
• Spun brass, copper or stainless steel large round canopy with single 1/2" IP open hole
• Cast aluminum large round domed canopy with single 1/2" NPS threaded hole

CAST LARGE ROUND ONE HOLE CANOPY   FA-24-LGCST:
Cast aluminum or brass large round canopy with single 1/2" NPS threaded hole

LARGE ROUND TWO HOLE CANOPY   FA-24-LGDH:
• Spun brass, copper or stainless steel large round canopy with double 1/2" IP open holes
• Cast aluminum large round domed canopy with double 1/2" NPS threaded holes

CAST LARGE ROUND TWO HOLE CANOPY   FA-24-LGDHCST:
Cast aluminum or brass large round canopy with double 1/2" NPS threaded holes

FINISHES: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional Brass Acid Rust (-BAR) and Brass Acid Verde (-BAV) available
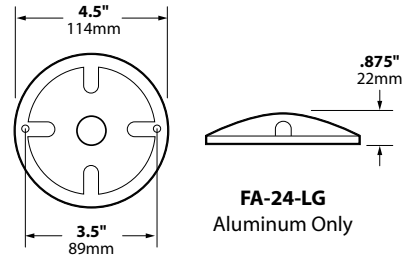
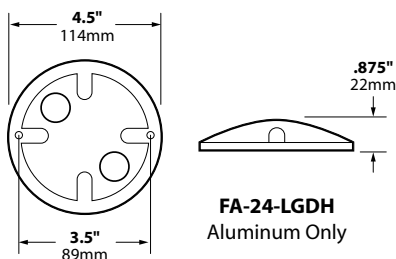| CATALOG NO.	DESCRIPTION
FA-24-BLT	Cast Aluminum Round 3" Canopy, Single 1/2" NPS Hole
FA-24-BRS	Cast Brass Round 3" Canopy, Single 1/2" NPS Hole
CFA-24-BLT	Composite Black Round 3" Canopy, Single 1/2" NPS Hole
CFA-24-BRT	Composite Bronze Round 3" Canopy, Single 1/2" NPS Hole
FA-24-LG-BLT	Cast Aluminum Round 4.5" Domed Canopy, Single 1/2" NPS Hole
FA-24-LGSPUN-BRS	Stamped Brass Round 4.5" Canopy, Single 1/2" IP Hole
FA-24-LGSPUN-COP	Stamped Copper Round 4.5" Canopy, Single 1/2" IP Hole
FA-24-LGSPUN-SS	Stamped Stainless Steel Round 4.5" Canopy, Single 1/2" IP Hole.
FA-24-LGCSTBLT	Cast Aluminum Round 4.75" Canopy, Single 1/2" NPS Hole
FA-24-LGCSTBRS	Cast Brass Round 4.75" Canopy, Single 1/2" NPS Hole
FA-24-LGDHBLT	Cast Aluminum Round 4.5" Domed Canopy, Double 1/2" NPS Hole
FA-24-LGDHBRS	Stamped Brass Round 4.5" Canopy, Double 1/2" IP Hole
FA-24-LGDHCOP	Stamped Copper Round 4.5" Canopy, Double 1/2" IP Hole
FA-24-LGDHSS	Stamped Stainless Steel Round 4.5" Canopy, Double 1/2" IP Hole
FA-24-LGCSTBLT	Cast Aluminum Round 4.75" Canopy, Double 1/2" NPS Holes.
FA-24-LGCSTBRS	Cast Brass Round 4.75" Canopy, Double 1/2" NPS Hole

3" 76mm   **0.9"** 23mm

FA-24 / CFA-24

4.5" 114mm   **.875"** 22mm   **3.5"** 89mm

FA-24-LG
Aluminum Only

4.5" 114mm   **1.125"** 29mm   **3.25"** 83mm

FA-24-LGSPUN
Brass, Copper &
Stainless Steel

4.75" 121mm   **1.125"** 29mm   **3.5"** 89mm

FA-24-LGCST

FA-24 Round Mini Canopy
Left: FA-24-BRS, top: CFA-24,
right: FA-24-BRT

FA-24-LG-DH
Large 2-Hole Canopy
Cast Aluminum

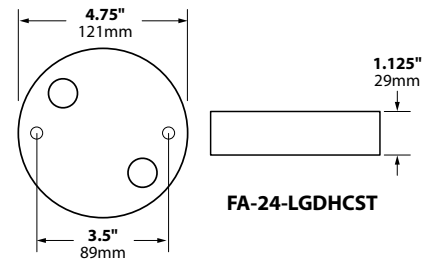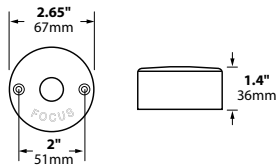**4.5"** 114mm   **.875"** 22mm   **3.5"** 89mm

FA-24-LGDH
Aluminum Only

4.5" 114mm   **1.125"** 29mm   **3.25"** 83mm
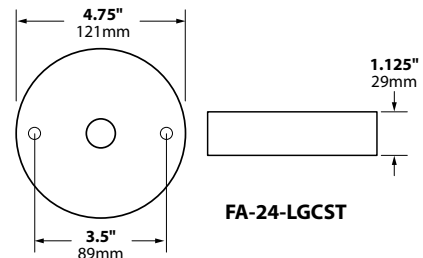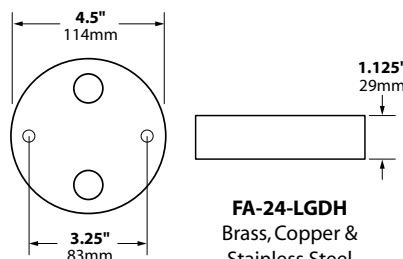
FA-24-LGDH
Brass, Copper &
Stainless Steel

4.75" 121mm   **1.125"** 29mm   **3.5"** 89mm

FA-24-LGDHCST

12 VOLT AND 120 VOLT MOUNTING CANOPIES

CANOPY FA-24-MDCST:
Cast aluminum or brass round canopy with female 1/2"NPS and 2 matching mounting screws

POST CAP   FA-24-MDCST-PC:
Cast aluminum or brass round cap with female 1/2"NPS and matching set screw. Fits standard schedule 40 PVC or ABS pipe.

TREE MOUNT   FA-24-MDCST-TREE:
Cast aluminum or brass round tree mount canopy with female 1/2"NPS and matching mounting bracket. Rubber straps sold separately - see details below

POST   FA-24-MDCST-POST:
13" black schedule 40 PVC angle cut post; cast aluminum or brass round post cap with female 1/2"NPS and matching set screw

TELESCOPIC POST   FA-24-MDST-POST2:
16" black schedule 40 PVC angle cut post with 12" adjustable telescopic center post; cast aluminum or brass round post cap with female 1/2"NPS and matching set screw

FINISHES: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional Brass Acid Rust (-BAR) and Brass Acid Verde (-BAV) available

CATALOG NO.	DESCRIPTION
FA-24-MDCST-BLT	2.65" Round Cast Aluminum Canopy
FA-24-MDCST-BRS	2.65" Round Cast Brass Canopy
FA-24-MDCSTPC-BLT	2.65" Round Cast Aluminum Post Cap
FA-24-MDCSTPC-BRS	2.65" Round Cast Brass Post Cap\
FA-24-MDCSTTREE-BLT	2.65" Round Cast Aluminum Tree Mount Canopy
FA-24-MDCSTTREE-BRS	2.65" Round Cast Brass Tree Mount Canopy\
FA-24-MDCSTPOST-BLT	13" Angle Cut PVC Post, Cast Aluminum Cap
FA-24-MDCSTPOST-BRS	13" Angle Cut PVC Post, Cast Brass Cap
FA-24-MDCSTPOST2-BLT	16" Angle Cut Telescopic PVC Post, Cast Aluminum Cap
FA-24-MDCSTPOST2-BRS	16" Angle Cut Telescopic PVC Post, Cast Brass Cap

FA-24-MD -POST/-2BRS
FA-24 MDCST-POSTBRS
FA-24-MDCSTPOST2BRS

FA-24-MD Medium Canopy
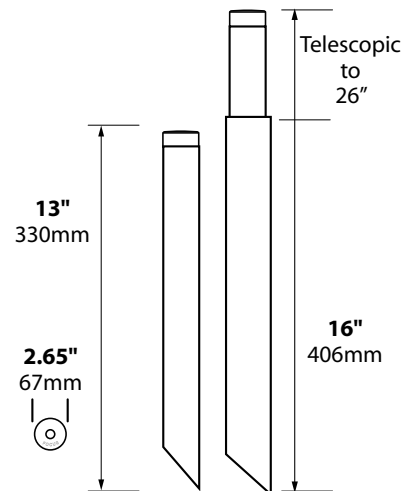FA-24-MD-CST-PC-BRS
FA-24-MD-CST-BAR

FA-24-MDCST — 2.65"/67mm, 2"/51mm, 1.4"/36mm

FA-24-MDCST-PC — 2.65"/67mm, 1.4"/36mm

FA-24-MDCST-TREE — 2.65"/67mm, 4.25"/108mm, 1.4"/36mm
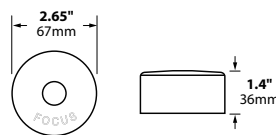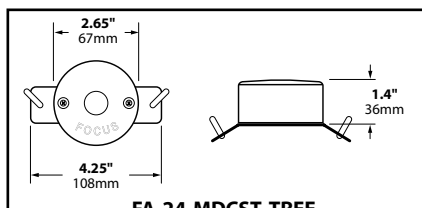
Black Rubber (EPDM) Tree Straps
FA-24-STRAP10	10" Length
FA-24-STRAP15	15" Length
FA-24-STRAP21	21" Length
FA-24-STRAP31	31" Length
FA-24-STRAP41	41" Length

Telescopic to 26"
13" 330mm
2.65" 67mm
16" 406mm

**FA-24-MDCST-POST
FA-24-MDCST-POST2**

FA-05 Quick Connector
Attaches Fixture to 12/2, 10/2, 8/2 Wire
Main Cable (18/2)

12 VOLT CONNECTIVITY

FA-05 Quick Connector

FA-05 Quick Connector:
Attaches 12v. connector wire
(18/2) to main cable (12/2, 10/2,
8/2), used for quick addition
or removal of fixtures without
cutting, splicing or taping
wires. Supplied with 3M sealing
tape to provide waterproof
connection.

(Upper left) **FA-111-SM-COP**

Shown with RXS-01-COP & RXS-02-COP

(Below) **FA-111-SM-BRS**
Mounting Canopy
Shown with SL-09-AB Fixture

FA-111-SM-H-COP Mount. Canopy
Small "J" Box For Hanging Fixtures
Solid Copper

12 VOLT AIMING BRACKET/HANGING MOUNTS

For Aiming Bracket (-AB) Fixtures:

FA-111-SM-BLT — 12v aluminum small tree/surface mount junction box with screws, 1/2" NPS holes, black texture finish
FA-111-SMColor] — Aluminum, but with optional powder coat finish
FA-111-SM-BRS — Solid brass tree/surface mount junction box (unfinished)
FA-111-SM-COP — Copper tree/surface mount junction box (unfinished)

For Hanging Fixtures:

FA-111-SM-H-BLT — 12v aluminum small junction box with screws for hanging fixtures, black texture finish
FA-111-SM-H-[Color] — Aluminum small junction box, with optional powder coat finish
FA-111-SM-H-BRS — Small junction box solid brass (unfinished)
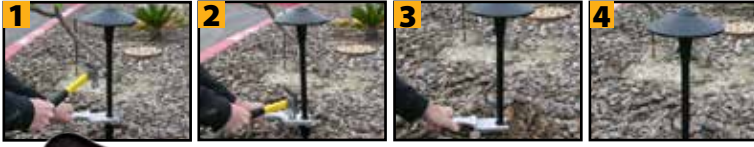**FA-111-SM-H-COP** — Small junction box solid copper (unfinished)

2.875" 73mm **1.5"** 38mm **1"** 25mm
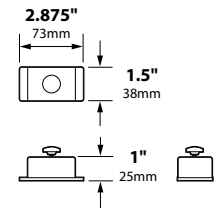
FA-111-SM

FA-111-SM-H with baby oval chain

2.875" 73mm **1.5"** 38mm **1"** 25mm **1.125"** 29mm

FA-111-SM-H

215

Mounting Devices
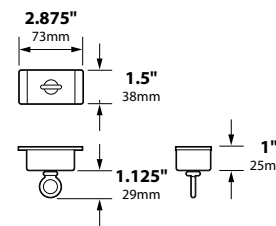
FT-01 Stake Installation Tool   from FOCUS

STOP Beating Up Your Lighting Fixtures!
- **Works with almost all manufacturers mounting stakes**
  - **Prevents costly damage to your landscape lighting**

Catalog Number	Description
FT-01	Stake Installation Tool

FT-01 Installation Tool

Also doubles as a quick and easy bottle opener!

FA-03-3P SPECIFICATIONS

MATERIAL: Marine grade 304 Stainless Steel
FINISH: Black Gloss polyester powder coat (-BLK)
Bronze Gloss polyester powder coat (-BRZ)

FEATURES & BENEFITS
- Solid 304 Stainless Steel top and prongs for corrosion resistance
- Three 7.5" long prongs with 4.5" wide top for superior stability
- Prongs push into hard ground easily
- Prongs give added stability in soft soil
- Ideal for rocky and root filled ground where traditional plastic stakes are difficult to use
- 1/2"NPS threaded top for attachment of most all landscape lighting fixtures

FA-03-3P-BLK   **FA-03-3P-BRZ**

CATALOG NO.	DESCRIPTION
FA-03-3P-BLK	Stainless Steel 3-Prong mounting stake, Black
FA-03-3P-BRZ	Stainless Steel 3-Prong mounting stake, Bronze

4.5" 114mm   .75" 19mm   7.5" 190mm
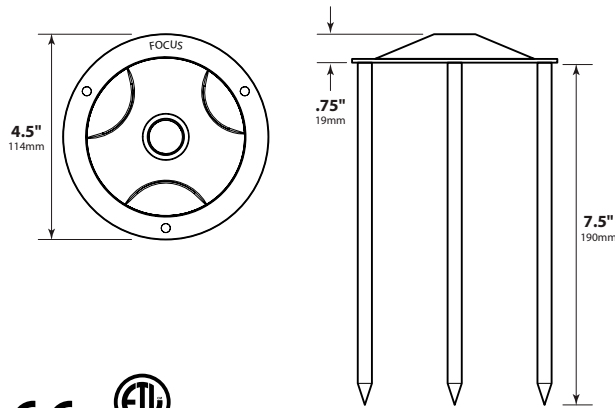
FA-03-3PBLT
3 Prong Mounting Stake
Shown with RXP-02-LEDBLT

FA-111-BRS w/ T Adaptor
Tree Mount Junction Box
Shown with RXD-02-COP Fixtures
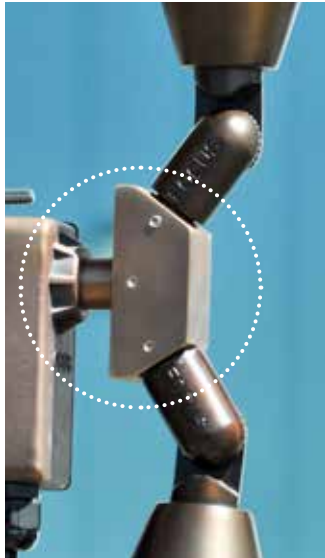
12 VOLT AND 120 VOLT TREE MOUNTING ACCESSORIES/EPDM RUBBER STRAPS

FA-22-T-10-BLT	Black texture alum. 120v large tree mount jct. box with 10" (EPDM) rubber strap, stretches to 15"
FA-22-T-15-BLT	Black texture alum. 120v large tree mount jct. box with 15" (EPDM) rubber strap, stretches to 22"
FA-22-T-21-BLT	Black texture alum. 120v large tree mount jct. box with 21" (EPDM) rubber strap, stretches to 30"
FA-22-T-31-BLT	Black texture alum. 120v large tree mount jct. box with 31" (EPDM) rubber strap, stretches to 45"
FA-22-T-41-BLT	Black texture alum. 120v large tree mount jct. box with 41" (EPDM) rubber strap, stretches to 61"
	Powder coat available: For color add color code suffix to above catalog numbers.
FA-23-T-10-BLT	Black texture alum. 120v large tree mount jct. box, double hole with 10" (EPDM) rubber strap, stretches to 15"
FA-23-T-15-BLT	Black texture alum. 120v large tree mount jct. box, double hole with 15" (EPDM) rubber strap, stretches to 22"
FA-32-T-21-BLT	Black texture alum. 120v large tree mount jct. box, double hole with 21" (EPDM) rubber strap, stretches to 30"
FA-23-T-31-BLT	Black texture alum. 120v large tree mount jct. box, double hole with 31" (EPDM) rubber strap, stretches to 45"
FA-23-T-41-BLT	Black texture alum. 120v large tree mount jct. box, double hole with 41" (EPDM) rubber strap, stretches to 61"
	Powder coat available: For color add color code suffix to above catalog numbers.
FA-24-T-10-BLT	12v cast aluminum tree mount canopy with 10" (EPDM) rubber strap, stretches to 15"
FA-24-T-10-BRS	12v cast brass tree mount canopy with 10" (EPDM) rubber strap, stretches to 15"
FA-24-MD-CST-T-10-BLT	12v medium cast aluminum tree mount canopy with 10" (EPDM) rubber strap, stretches to 15"
FA-24-MD-CST-T-10-BRS	12v medium cast brass tree mount canopy with 10" (EPDM) rubber strap, stretches to 15"
FA-24-T-15-BLT	12v cast aluminum tree mount canopy with 15" (EPDM) rubber strap, stretches to 22"
FA-24-T-15-BRS	12v cast brass tree mount canopy with 15" (EPDM) rubber strap, stretches to 22"
FA-24-MD-CST-T-15 -BLT	12v medium cast aluminum tree mount canopy with 15" (EPDM) rubber strap, stretches to 22"
FA-24-MD-CST-T-15 -BRS	12v medium cast brass tree mount canopy with 15" (EPDM) rubber strap, stretches to 22"
FA-24-T-21-BLT	12v cast aluminum tree mount canopy with 21" (EPDM) rubber strap, stretches to 30"
FA-24-T-21-BRS	12v cast brass tree mount canopy with 21" (EPDM) rubber strap, stretches to 30"
FA-24-MD-CST-T-21-BLT	12v medium cast aluminum tree mount canopy with 21" (EPDM) rubber strap, stretches to 30"
FA-24-MD-CST-T-21-BRS	12v medium cast brass tree mount canopy with 21" (EPDM) rubber strap, stretches to 30"
FA-24-T-31-BLT	12v cast aluminum tree mount canopy with 31" (EPDM) rubber strap, stretches to 45"
FA-24-T-31-BRS	12v cast brass tree mount canopy with 31" (EPDM) rubber strap, stretches to 45"
FA-24-MD-CST-T-31-BLT	12v medium cast aluminum tree mount canopy with 31" (EPDM) rubber strap, stretches to 45"
FA-24-MD-CST-T-31-BRS	12v medium cast brass tree mount canopy with 31" (EPDM) rubber strap, stretches to 45"
FA-24-T-41BLT	12v cast aluminum tree mount canopy with 41" (EPDM) rubber strap, stretches to 61"
FA-24-T-41-BRS	12v cast brass tree mount canopy with 41" (EPDM) rubber strap, stretches to 61"
FA-24-MD-CST-T-41-BLT	12v medium cast aluminum tree mount canopy with 41" (EPDM) rubber strap, stretches to 61"
FA-24-MD-CST-T-41-BRS	12v medium cast brass tree mount canopy with 41" (EPDM) rubber strap, stretches to 61"
FA-24-TC_BLT	Cast aluminum tree mount canopy only with studs, black texture finish
FA-24-TC-BRS	Cast brass tree mount canopy only with studs
FA-24-LG-[Color]	Cast aluminum tree mount canopy only with studs with powder coat options.

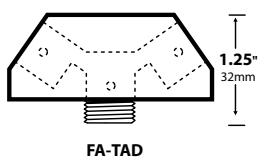### 120 VOLT TREE MOUNT JUNCTION BOX

FA-111-BLT	12v/120v tree mount junction box with 1/2" NPS holes, mount offset screws, black texture finish
FA-111-[Color]	12v/120v tree mount junction box with 1/2" NPS holes, mount offset screws with optional powder coat finish
FA-111-BRS	12v/120v tree mount junction box with 1/2" NPS holes, mount offset screws, cast brass
CFA-111	12v/120v tree mount junction box with 1/2" NPS holes, mount offset screws, bronze composite
FA-111T-10-BLT	12v/120v tree mount junction box with 10" (EPDM) rubber strap, black texture finish
FA-111T-10-[Color]	12v/120v tree mount junction box with 10" (EPDM) rubber strap, black texture finish with optional powder coat finish
FA-111-BRST-10	12v/120v brass tree mount junction box with 10" (EPDM) rubber strap
FA-111T-15-BLT	12v/120v tree mount junction box with 15" (EPDM) rubber strap, black texture finish
FA-111T-15-[Color]	12v/120v tree mount junction box with 15" (EPDM) rubber strap with optional powder coat finish
FA-111-BRST-15	12v/120v brass tree mount junction box with 15" (EPDM) rubber strap
FA-111T-21-BLT	12v/120v tree mount junction box with 21" (EPDM) rubber strap, black texture finish
FA-111T-21-[Color]	12v/120v tree mount junction box with 21" (EPDM) rubber strap with optional powder coat finish
FA-111-BRST-21	12v/120v brass tree mount junction box with 21" (EPDM) rubber strap
FA-111T-31-BLT	12v/120v tree mount junction box with 31" (EPDM) rubber strap, black texture finish
FA-111T-31-[Color]	12v/120v tree mount junction box with 31" (EPDM) rubber strap optional powder coat finish
FA-111-BRST-31	12v/120v brass tree mount junction box with 31" (EPDM) rubber strap
FA-111T-41-BLT	12v/120v tree mount junction box with 41" (EPDM) rubber strap, black texture finish
FA-111T-41-[Color]	12v/120v tree mount junction box with 41" (EPDM) rubber strap with optional powder coat finish
FA-111T-41-BRS	12v/120v brass tree mount junction box with 41" (EPDM) rubber strap

NOTE: Tree strap will not support the weight of DL-30 and DL-38 brass models. Consult factory
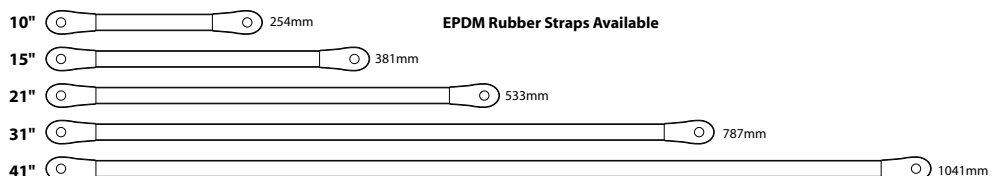
TREE MOUNTING STRAPS

FA-24-STRAP-10	10" (EPDM) rubber strap only, stretches to 15"
FA-24-STRAP-15	15" (EPDM) rubber strap only, stretches to 22"
FA-24-STRAP-21	21" (EPDM) rubber strap only, stretches to 30"
FA-24-STRAP-31	31" (EPDM) rubber strap only, stretches to 45"
FA-24-STRAP-41	41" (EPDM) rubber strap only, stretches to 61"

FA-TAD "T" Adapter: Two fixtures can be threaded into the cast aluminum "T" Adapter's 1/2" NPS female threads. Single male 1/2" NPS can be threaded into one of several mounting systems. With position/aiming locking via stainless steel set screws

FA-111-BAV w/ T Adaptor
Tree Mount Junction Box
Shown with DL-22 Fixtures

FA-24MD-CST-T-BRT
Tree Mount Canopy

CE c ETL us LISTED Intertek

FA-TAD 1.25" 32mm

10"		254mm
15"		381mm
21"		533mm
31"		787mm
41"		1041mm

EPDM Rubber Straps Available

MOUNTING ACCESSORIES- POLYESTER 1" & 2" STRAPS

FA-24-TPS2BLT	12v Cast Aluminum Mini Canopy w/ 2' polyester strap
FA-24-TPS4BLT	12v Cast Aluminum Mini Canopy w/ 4' polyester strap
FA-24-TPS6BLT	12v Cast Aluminum Mini Canopy w/ 6' polyester strap
FA-24-TPS8BLT	12v Cast Aluminum Mini Canopy w/ 8' polyester strap
FA-24-TPS2BRS	12v Cast Brass Mini Canopy w/ 2' polyester strap
FA-24-TPS4BRS	12v Cast Brass Mini Canopy w/ 4' polyester strap
FA-24-TPS6BRS	12v Cast Brass Mini Canopy w/ 6' polyester strap
FA-24-TPS8BRS	12v Cast Brass Mini Canopy w/ 8' polyester strap

FA-24-MDCST-TPS2BLT	12v Cast Aluminum Medium Canopy w/ 2' polyester strap
FA-24-MDCST-TPS4BLT	12v Cast Aluminum Medium Canopy w/ 4' polyester strap
FA-24-MDCST-TPS6BLT	12v Cast Aluminum Medium Canopy w/ 6' polyester strap
FA-24-MDCST-TPS8BLT	12v Cast Aluminum Medium Canopy w/ 8' polyester strap
FA-24-MDCST-TPS2BRS	12v Cast Brass Medium Canopy w/ 2' polyester strap
FA-24-MDCST-TPS4BRS	12v Cast Brass Medium Canopy w/ 4' polyester strap
FA-24-MDCST-TPS6BRS	12v Cast Brass Medium Canopy w/ 6' polyester strap
FA-24-MDCST-TPS8BRS	12v Cast Brass Medium Canopy w/ 8' polyester strap

FA-22-TPS2-2BLT	120v Cast Aluminum JBox w/ 2"x2' polyester strap
FA-22-TPS2-4BLT	120v Cast Aluminum JBox w/ 2"x4' polyester strap
FA-22-TPS2-6BLT	120v Cast Aluminum JBox w/ 2"x6' polyester strap
FA-22-TPS2-8BLT	120v Cast Aluminum JBox w/ 2"x8' polyester strap

FA-111-TPS2BLT*	120v Cast Aluminum Junction Box w/ 2' polyester strap
FA-111-TPS4BLT*	120v Cast Aluminum Junction Box w/ 4' polyester strap
FA-111-TPS6BLT*	120v Cast Aluminum Junction Box w/ 6' polyester strap
FA-111-TPS8BLT*	120v Cast Aluminum Junction Box w/ 8' polyester strap
FA-111-TPS2BRS*	120v Cast Brass Junction Box w/ 2' polyester strap
FA-111-TPS4BRS*	120v Cast Brass Junction Box w/ 4' polyester strap
FA-111-TPS6BRS*	120v Cast Brass Junction Box w/ 6' polyester strap
FA-111-TPS8BRS*	120v Cast Brass Junction Box w/ 8' polyester strap

CFA-111-TPS2BRZ*	120v Composite Junction Box w/ 2' polyester strap
CFA-111-TPS4BRZ*	120v Composite Junction Box w/ 4' polyester strap
CFA-111-TPS6BRZ*	120v Composite Junction Box w/ 6' polyester strap
CFA-111-TPS8BRZ*	120v Composite Junction Box w/ 8' polyester strap

Note: For 2" strap add -2 to part number eg:
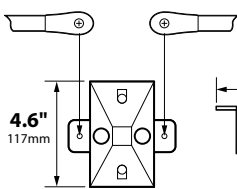CFA-111-TPS**24**BRZ = 2" strap 4' length

CFA-111-TPS4BRZ
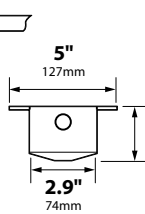Tree Mount Junction Box & 1"- 4' Polyester Strap
Shown with CDL-20AC Fixture
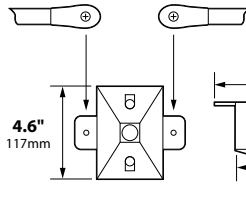
2" Polyester Strap Accommodates Heavier Fixtures
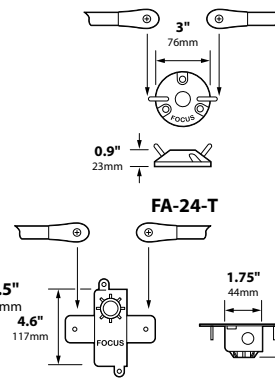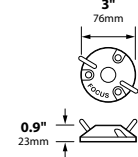
FA-22-TPS24BRT
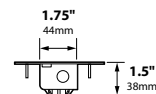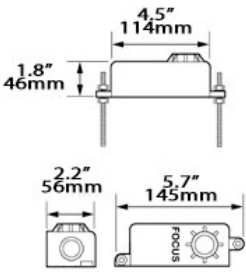
Polyester Webbing Strap Provides:

- **Maximum Strength**
- **Maximum UV Resistance**
- **Maximum Abrasion Resistance**
- **Water Shed,**
- **Oil Resistant**
- **Acid Resistant**
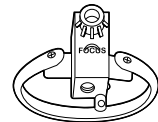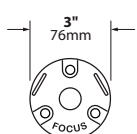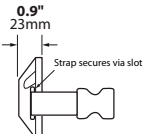- **Mildew Resistant**
- **Rated For 12v & 120v**

FA-24-T
FA-24-TC
FA-23-T
FA-22-T
FA-111-TREE
CFA-111
FA-111-TPS
CFA-111-TPS
FA-22-TPS
FA-24-TPS
FA-24-MDCST-TPS

1" or 2" Strap Option
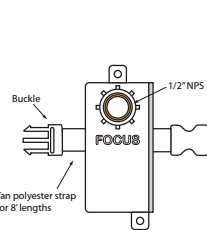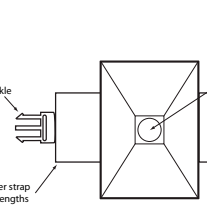
12v/120v Mounting Devices

FA-26-GFIC- BRT
120v Mounting Pedestal
With GFIC Covered Receptacle

FA-26-75W-BRT
120v Mounting Pedestal
With 75 watt 12v. Hardwire Transformer

CFA-25-BAR Mounting Pedestal
Brass Acid Rust Cap
Composite Pedestal

FA-26-BLT with LFL-01-12120VBLT
120v Mounting Pedestal
ABS Pedestal/Aluminum Cap

20"
508mm
3"
76mm

C/FA-25/-26/BRS

20"
508mm
3"
76mm

C/FA-26-75W/BRS

26"
660mm
3"
76mm
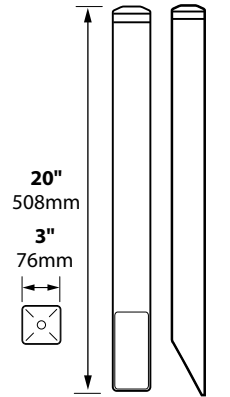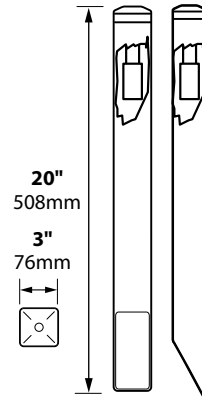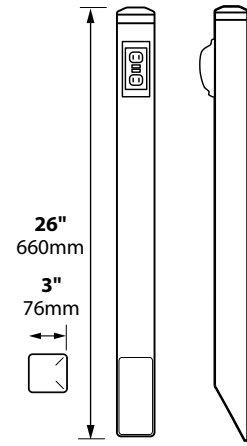
C/FA-26-GFIC/BRS
with covered receptacle

FA-26-BRS Mounting Pedestal
Solid Brass Cap
ABS Pedestal

FA-26 Mounting Pedestal:
Commercial mounting pedestal with 1/2" NPS female threads, used for high traffic or maintenance areas, available in 12v. and 120v. versions.

FA-24-MD-POST-BRS
FA-24-MD-POST2-BRS
ABS Pedestal with brass cap

Telescopic to 26"

13"
330mm

2.65"
67mm

16"
406mm
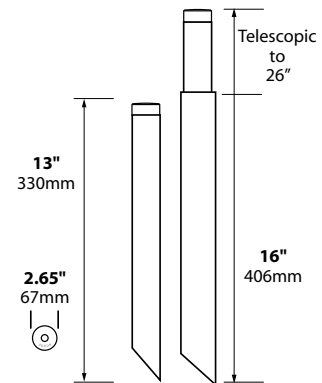
FA-24-MD-CST-POST/-BRS
FA-24-MD-CST-POST2/-BRS (telescopic)

C E
ETL
LISTED
c US
Intertek

12 VOLT AND 120 VOLT MOUNTING PEDESTALS

FA-24-MD-CST-POST	13" Angle Cut PVC Post, cast aluminum cap
FA-24-MD-CST-POST [Color]	13" Angle Cut PVC Post, cast aluminum cap with optional powder coat finish
FA-24-MD-CST-POST-BRS	13" Angle Cut PVC Post, with brass cap
FA-24-MD-CST-POST2	16" Angle Cut PVC Post, cast aluminum cap with 12" adjustable telescopic center post.
FA-24-MD-CST-POST2 [Color]	16" Angle Cut PVC Post, cast aluminum cap with optional powder coat finish with 12" adjustable telescopic center post.
FA-24-MD-CST-POST2-BRS	16" Angle Cut PVC Post with brass cap with 12" adjustable telescopic center post.
FA-25-BLT	12v black ABS mounting pedestal, with cast aluminum cap, black texture finish
FA-25-[Color]	12v black ABS mounting pedestal, with cast aluminum cap, with optional powder coat finish
FA-25-BRS	12v black ABS mounting pedestal solid brass cap (unfinished)
CFA-25-BRT	12v bronze composite mounting pedestal, with composite cap, bronze texture finish
FA-25-CAP-BLT	12v cap only for mounting pedestal
FA-25-CAP-[Color]	12v cap only, but with optional powder coat finish
FA-25-CAP-BRS	Brass cap only for mounting pedestal
FA-26-BLT	120v mounting pedestal, with cast aluminum cap, black texture finish, ground wire provided
FA-26-[Color]	120v mounting pedestal, with cast aluminum cap, ground wire provided with optional powder coat finish
FA-26-BRS	120v mounting pedestal,, solid brass cap (unfinished)
CFA-26-BRT	120v mounting pedestal, with composite cap, bronze texture finish, ground wire provided
FA-26-CAP-BLT	120v cap for mounting pedestal, with cast aluminum cap, black texture finish, ground wire provided
FA-26-CAP-[Color]	120v cap for mounting pedestal, with cast aluminum cap with optional powder coat finish, ground wire provided
FA-26-CAP-BRS	120v cap for mounting pedestal, solid brass cap only (unfinished) with optional powder coat finish
CFA-26-CAP-BRT	120v cap for mounting pedestal, composite cap only, bronze texture finish ground wire provided
FA-26-75w-BLT	120v mounting pedestal with 75 watt 12v hardwire electronic transformer
FA-26-75w-[Color]	120v mounting pedestal with 75 watt 12v hardwire electronic transformer with optional powder coat finish
FA-26-75w-BRS	120v mounting pedestal with 75 watt 12v hardwire electronic transformer, solid brass cap (unfinished)
CFA-26-75w-BRT	120v composite mounting pedestal with 75 watt 12v hardwire electronic transformer, bronze texture finish
FA-26-GFIC-BLT	120v mounting pedestal with with GFIC receptacle
FA-26-GFIC-[Color]	120v mounting pedestal with with GFIC receptacle with optional powder coat finish
FA-26-GFIC-BRS	120v mounting pedestal with with GFIC receptacle, solid brass cap (unfinished)
CFA-26-GFIC-BRT	120v mounting pedestal with with GFIC receptacle,composite cap bronze texture finish
FA-J-BOX	Die cast brass direct burial junction box
DBR-55-JB-BRS	Direct burial junction box w/ brass cap

FA-JBOX (w/ RXD-08-ETACBRS)
Die Cast Brass
In-Ground Junction Box

5.00"
127mm

3.00"
76mm

5.00"
127mm

5.00"
127mm

4.5"
114mm

FOCUS

4.5"
114mm

5.5"
140mm
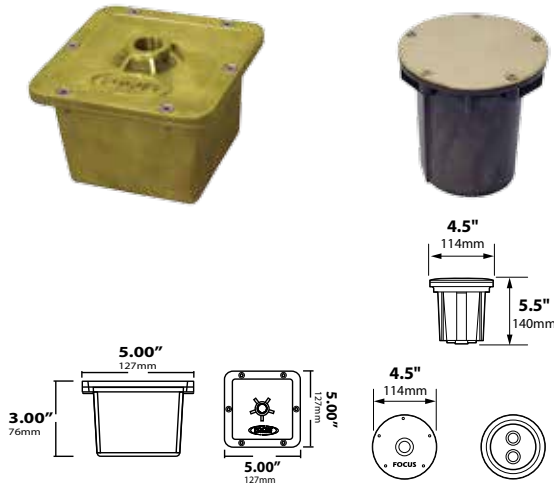
DBR-55-JBBAR
Die Cast Brass Cap
In-Ground Junction Box

FA-30 through FA-34: Extension Wands with 1/2" NPS coupler, used for raising fixtures to achieve desired light spread or clearing ground cover, snow or other obstacles. Available in brass and aluminum, with or without couplers. Recommended for use with FA-25 or FA-26 series stakes.

EXTENSION WANDS

Available without coupler, add **-NC** suffix to catalog numbers below.
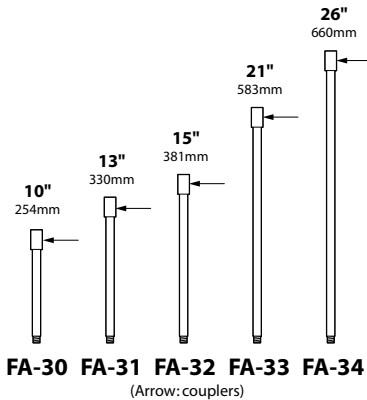
FA-30	10" aluminum extension wand and coupler, black texture finish
FA-30-[Color]	Same as above, but with optional powder coat finish
FA-30-BRS	Solid brass wand and coupler (unfinished)
FA-31	13" aluminum extension wand and coupler, black texture finish
FA-31-[Color]	Same as above, but with optional powder coat finish
FA-31-BRS	Solid b rass wand and coupler (unfinished)
FA-32	16" aluminum extension wand and coupler, black texture finish
FA-32-[Color]	Same as above, but with optional powder coat finish
FA-32-BRS	Solid brass wand and coupler (unfinished)
FA-33	21" aluminum extension wand and coupler, black texture finish
FA-33-[Color]	Same as above, but with optional powder coat finish
FA-33-BRS	Solid brass wand and coupler (unfinished)
FA-34	26" aluminum extension wand and coupler, black texture finish
FA-34-[Color]	Same as above, but with optional powder coat finish
FA-34-BRS	Solid brass wand and coupler (unfinished)

10"
254mm

13"
330mm

15"
381mm

21"
583mm

26"
660mm

FA-30 FA-31 FA-32 FA-33 FA-34
(Arrow: couplers)
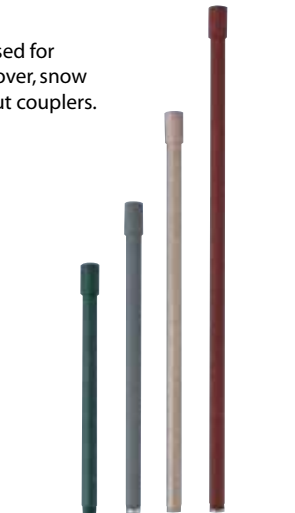
FA-30 through FA-34
Extension Wands
Brass or Aluminum

221

FA-01-BRS
With DL-21-BRS Fixtures Set at 4 Different Heights
PVC Tubing/Solid Brass Cap

2"
4"
6"
8"

15"
381mm

1.63"
41mm

25"
535mm

1.63"
41mm

FA-01

FA-01-2F

51mm

8.75"
222mm

FA-03

2"
51mm

7.25"
184mm
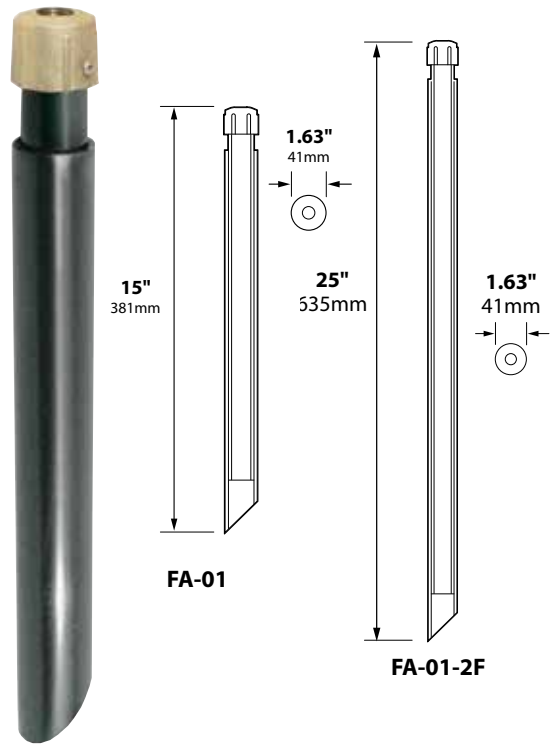
FA-03

FA-03-RX-BLT   FA-03-RX-BRS

FOCUS INDUSTRIES

3"
76mm

8.875"
225mm

FA-03-LG

FA-03-LG

MOUNTING STAKES

FA-01-BLT	15" Black PVC Stake, Telescopic to 24", Aluminum Top with 1/2"NPS Female Thread
FA-01-BRS	15" Black PVC Stake, Telescopic to 24", Brass Top with 1/2"NPS Female Thread
FA-01-2F-BLT	25" Black PVC Stake, Telescopic to 44", Aluminum Top with 1/2"NPS Female Thread
FA-01-2F-BRS	25" Black PVC Stake, Telescopic to 44", Brass Top with 1/2"NPS Female Thread
FA-03	Standard 9" Black ABS Stake with 1/2" Female Thread
FA-03-LG	9" x 3" Extra Large Black ABS Stake with 1/2" Female Thread
FA-03-RX-BLT	7.25" Black Aluminum Stake with 1/2" Female Thread
FA-03-RX-BRS	7.25" Brass Stake with 1/2" Female Thread
FA-03-3PBLK	7.50" Stainless Steel Stake with 1/2" Female Thread. Black
FA-03-3PBRZ	7.50" Stainless Steel Stake with 1/2" Female Thread. Bronze

CONCRETE FORMS

FA-FORM-SL20SM	Concrete form for SL-20 Small well light
FA-FORM-SL20MD	Concrete form for SL-20 Medium well light
FA-FORM-SL20LG	Concrete form for SL-20 Large well light

FA-03-3P-BLK   FA-03-3P-BRZ

4.75"ø

4.00"

4.00"
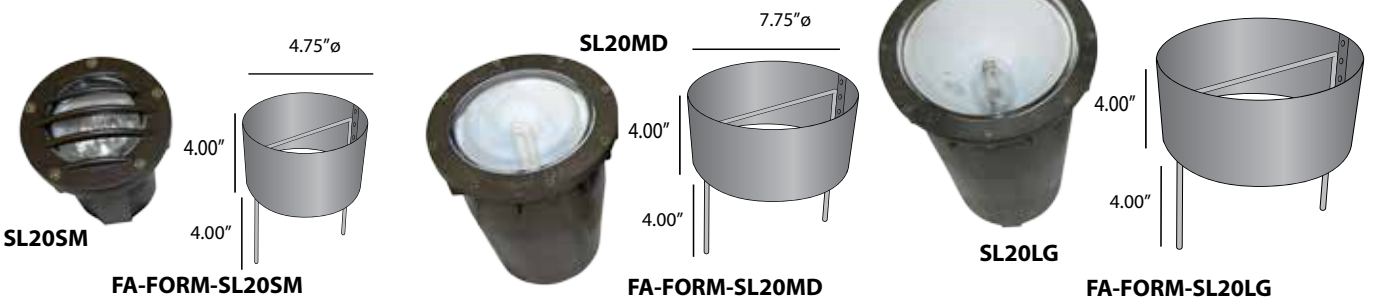
SL20SM

FA-FORM-SL20SM

SL20MD

7.75"ø

4.00"

4.00"

FA-FORM-SL20MD

SL20LG

9.50"ø

4.00"

4.00"

FA-FORM-SL20LG

Legacy Light Sources

S8, 1" dia.
25mm

2" MOL
51mm

FL-01

T3, 0.375" dia.
9.5mm

1.18" MOL
30mm

FL-12

T4, 0.5" dia.
12.7mm

1.75" MOL
44mm

FL-12-SC

T4, 0.5" dia.
12.7mm

1.18" MOL
30mm

FL-19

T4, 0.5" dia.
12.7mm

1.75" MOL
44mm

FL-19-DC

T2.5, 0.35" dia.
9mm

1.75" MOL
44mm

FL-06

T2.5, 0.35" dia.
9mm

1.22" MOL
31mm

FL-07

Group A: INCANDESCENT LAMPS

Catalog Number	Wattage	Description	Voltage	Base Type	Lamp Life (Hours)
FL-01-12w	12	S-8 #93 clear	12	single contact Ba15s	1,000
FL-01-18w	18	S-8 #1141 clear	12	single contact Ba15s	1,200
FL-01-25w	25	S-8 #1156 clear	12	single contact Ba15s	1,500

Group B: HALOGEN LAMPS

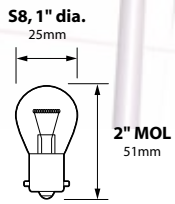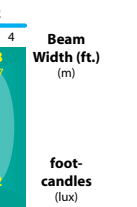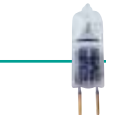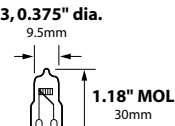| Catalog Number	Wattage	Description	Voltage	Base Type	Lamp Life (Hours)
FL-12-5w	5	T-3 halogen	12	G4 bi-pin	2,000
FL-12-10w	10	T-3 halogen	12	G4 bi-pin	2,000
FL-12-20w	20	T-3 halogen	12	G4 bi-pin	2,000
FL-12-10w-SC	10	T-4 halogen	12	single contact Ba15s	10,000
FL-12-20w-SC	20	T-4 halogen	12	single contact Ba15s	10,000

Group C: HALOGEN LAMPS
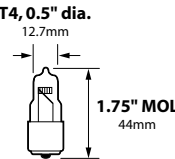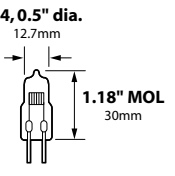
Catalog Number	Wattage	Description	Voltage	Base Type	Lamp Life (Hours)
FL-19-35w	35	T-4 halogen	12	GY6.35 bi-pin	2,000
FL-19-35w-DC	35	T-4 halogen	12	double contact Ba15d	10,000
FL-19-50w	50	T-4 halogen	12	GY6.35 bi-pin	2,000
FL-19-50w-DC	50	T-4 halogen	12	double contact Ba15d	2,000
FL-19-75w	75	T-4 halogen	12	GY6.35 bi-pin	2,000

Group D: XENON LAMPS
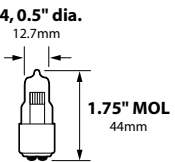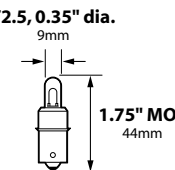
Catalog Number	Wattage	Description	Voltage	Base Type	Lamp Life (Hours)
FL-06-10w	5	T2.5 xenon	12	G4 bi-pin	10,000
FL-06-10w	10	T2.5 xenon	12	G4 bi-pin	10,000
FL-06-20w	20	T2.5 xenon	12	G4 bi-pin	5,000
FL-07-10w	10	T2.5 xenon	12	single contact Ba15s	10,000
FL-07-20w	20	T2.5 xenon	12	single contact Ba15s	10,000

MR16, 2" dia.
51mm

1.78" MOL
45mm

FL-10, FL-13, FL-15, FL-20

10w 21° angle

Feet	3	6	9	12	Beam Width (ft.) (m)
Meters	1	2	3	4	
	1.2 / 0.35	2.3 / 0.70	3.45 / 1.05	4.6 / 1.40	
foot-candles (lux)	46.5 / 600	11.6 / 150	5.1 / 67	2.9 / 38	

FL-13W-FG

20w 36° angle

Feet	3	6	9	12	Beam Width (ft.) (m)
Meters	1	2	3	4	
	2.0 / 0.59	3.9 / 1.18	5.8 / 1.77	7.8 / 2.37	
foot-candles (lux)	50.7 / 546	12.7 / 137	5.7 / 61	3.2 / 35	
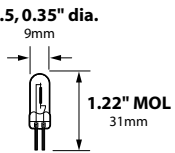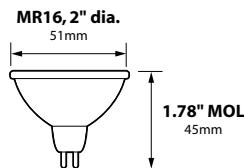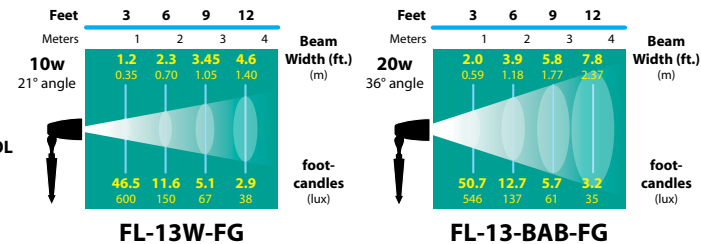
FL-13-BAB-FG

Group E: MR16 HALOGEN LAMPS

Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)	Notes
FL-13-10w	10	MR16 FL halogen	21°	12	GU5.3 bi-pin	5,000	with front glass
FL-13-BAB-FG	20	MR16 FL (BAB) halogen	36°	12	GU5.3 bi-pin	5,000	with front glass

Group E: MR16 HALOGEN LAMPS (continued)

Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)	Notes
FL-13-ESX-FG	20	MR16 SP (ESX) halogen	12°	12	GU5.3 bi-pin	5,000	with front glass
FL-13-VWFL-FG	20	MR16 VWFL halogen	60°	12	GU5.3 bi-pin	5,000	with front glass
FL-15-FMT-FG	35	MR16 SP FMT halogen	12°	12	GU5.3 bi-pin	5,000	with front glass
FL-15-FMV-FG	35	MR16 NFL (FMV) halogen	24°	12	GU5.3 bi-pin	5,000	with front glass
FL-15-FMW-FG	35	MR16 FL (FMW)	36°	12	GU5.3 bi-pin	5,000	with front glass
FL-15-FMW-60	35	MR16 FMW VWFL halogen	60°	12	GU5.3 bi-pin	5,000	with front glass
FL-10-EXT-FG	50	MR16 SP(EXT) halogen	12°	12	GU5.3 bi-pin	5,000	with front glass
FL-10-EXN-FG	50	MR16 FL (EXN) halogen	36°	12	GU5.3 bi-pin	5,000	with front glass
FL-10-VWFL-FG	50	MR16 VWFL halogen	60°	12	GU5.3 bi-pin	5,000	with front glass
FL-20-EYF-FG	75	MR16 SP (EYF) halogen	12°	12	GU5.3 bi-pin	5,000	with front glass
FL-20-EYC-FG	75	MR16 FL (EYC) halogen	36°	12	GU5.3 bi-pin	5,000	with front glass
FL-20-EYC60	75	MR16 VWFL (EYC) halogen	60°	12	GU5.3 bi-pin	5,000	with front glass
FL-15-FMV-ULTRA	35	MR16 NFL (FMV) halogen	24°	12	GU5.3 bi-pin	10,000	with front glass
FL-15-FMW-ULTRA	35	MR16 FL (FMW) halogen	36°	12	GU5.3 bi-pin	10,000	with front glass
FL-10-EXT-ULT	50	MR16 SP (EXT) halogen	12°	12	GU5.3 bi-pin	10,000	with front glass
FL-10-EXZ-ULTRA	50	MR16 NFL (EXZ) halogen	24°	12	GU5.3 bi-pin	10,000	with front glass
FL-10-EXN-ULT	50	MR16 FL (EXN) halogen	36°	12	GU5.3 bi-pin	10,000	with front glass
FL-13-BBF-FGTITAN	20	MR16 NF (BBF) halogen	24°	12	GU5.3 bi-pin	12,000	with front glass
FL-13-BAB-FGTITAN	20	MR16 NF (BAB) halogen	36°	12	GU5.3 bi-pin	12,000	with front glass
FL-15-FMV-FGTITAN	35	MR16 NFL (FMV) halogen	24°	12	GU5.3 bi-pin	18,000	with front glass
FL-15-FMW-TITAN	35	MR16 FL (FMW) with front glass	36°	12	GU5.3 bi-pin	18,000	with front glass
FL-15-FMW-60-TITAN	35	MR16 VWFL (FMV) halogen	60°	12	GU5.3 bi-pin	18,000	with front glass
FL-10-EXT-TITAN	50	MR16 SP (EXT) halogen	12°	12	GU5.3 bi-pin	18,000	with front glass
FL-10-EXN-TITAN	50	MR16 FL (EXN) halogen	36°	12	GU5.3 bi-pin	18,000	with front glass
FL-10-FNV-60-TITAN	50	MR16 WF (FNV) halogen	60°	12	GU5.3 bi-pin	18,000	with front glass
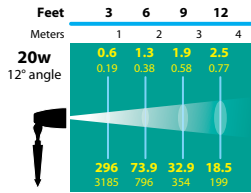
FL-13-ESX-FG

FL-13-VWFL-FG
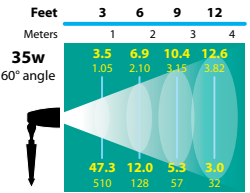
FL-15-FMW-60-FG

FL-15-FMW-FG
FL-15-FMW-ULTRA

FL-15-FMT-FG

FL-15-FMV-FG
FL-15-FMV-ULTRA

FL-10-EXN-FG
FL-10-EXN-ULTRA

FL-10-EXT-FG
FL-10-EXT-ULTRA

FL-10-VWFL-FG

FL-10-EXZ-ULTRA

FL-13-EYC-FG

FL-20-EYF-FG

Group F: MR11 HALOGEN LAMPS
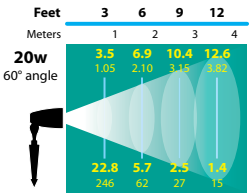

FL-20-VWFL-FG

FL-65-FG

FL-66-FG

Group F: MR11 HALOGEN LAMPS (continued)

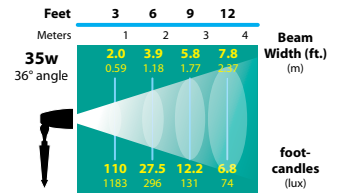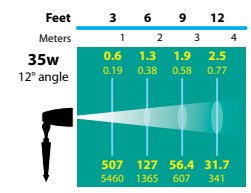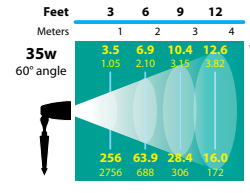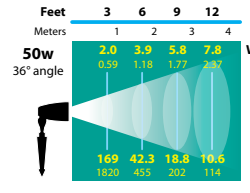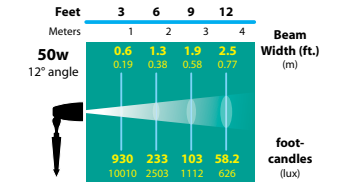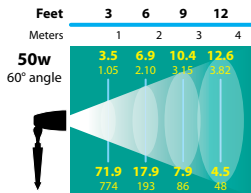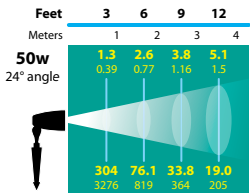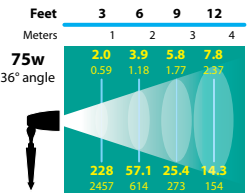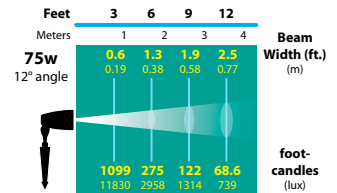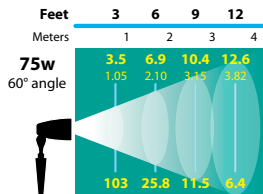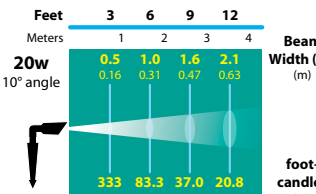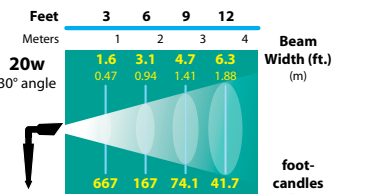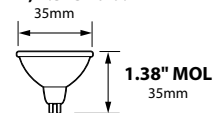| Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)	Notes
FL-65-FG	20	MR11 SP (FTB) halogen	10°	12	GZ4 bi-pin	2,000	with front glass
FL-66-FG	20	MR11 FL (FTD) halogen	30°	12	GZ4 bi-pin	2,000	with front glass
FL-67-FG	35	MR11 SP (FTE) halogen	12°	12	GZ4 bi-pin	2,000	with front glass
FL-68-FG	35	MR11 FL (FTH) halogen	30°	12	GZ4 bi-pin	2,000	with front glass
FL-66-ULTRA	20	MR11 FL (FTD) halogen	30°	12	GZ4 bi-pin	10,000	with front glass

MR11, 1.375" dia.
35mm
1.38" MOL
35mm

FL-65, FL-66, FL-67, FL-68

Group G: MR8 HALOGEN LAMPS

FL-67-FG — 35w 10° angle
Feet	3	6	9	12
Meters	1	2	3	4
Beam Width (ft.) (m)	0.5 / 0.16	1.0 / 0.31	1.6 / 0.47	2.1 / 0.63
foot-candles (lux)	667 / 7176	167 / 1794	74.1 / 797	41.7 / 448

FL-68-FG — 35w 30° angle
Feet	3	6	9	12
Meters	1	2	3	4
Beam Width (ft.) (m)	1.6 / 0.47	3.1 / 0.94	4.7 / 1.41	6.3 / 1.88
foot-candles (lux)	144 / 1555	36.1 / 389	16.0 / 173	9.0 / 97

MR8, 1" dia.
25mm
1.36" MOL
35mm
FL-69

FL-69-FL-FG — 20w 23° angle
Feet	3	6	9	12
Meters	1	2	3	
Beam Width (ft.) (m)	0.5 / 0.15	2.4 / 0.74	3.7 / 1.11	
foot-candles (lux)	67.6 / 728	16.9 / 182	7.6 / 82	

FL-69-FL-FG — 20w 10° angle
Feet	3	6	9	12
Meters	1	2	3	
Beam Width (ft.) (m)	0.5 / 0.15	1.1 / 0.32	1.6 / 0.47	
foot-candles (lux)	144 / 1547	35.9 / 387	16.1 / 173	

Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)
FL-69-FL	20	MR8 FL with front glass	23°	12	GZ4 bi-pin	2,000
FL-69-SP	20	MR8 SP with front glass	10°	12	GZ4 bi-pin	2,000
FL-69-10WFL	10	MR8 FL with front glass	23°	12	GZ4 bi-pin	2,000

Group I: AR70 HALOGEN LAMPS

Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)
FL-28	20	AR70 FL aluminum reflector	25°	12	double contact Ba15d	3,000
FL-29	20	AR70 SP aluminum reflector	8°	12	double contact Ba15d	3,000
FL-30	50	AR70 FL aluminum reflector	25°	12	double contact Ba15d	3,000
FL-31	50	AR70 SP aluminum reflector	8°	12	double contact Ba15d	3,000

AR70, 2.75" dia.
70mm
1.94" MOL
49mm

FL-28, FL-29, FL-30, FL-31

FL-28 — 20w 25° angle
Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	1.3 / 0.39	2.6 / 0.79	3.9 / 1.18	5.2 / 1.57	6.5 / 1.96	7.9 / 2.36
foot-candles (lux)	100 / 1076	25.0 / 269	11.1 / 120	6.3 / 67	4.0 / 43	2.8 / 30

FL-29 — 20w 8° angle
Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	0.4 / 0.13	0.8 / 0.25	1.3 / 0.38	1.7 / 0.50	2.1 / 0.63	2.5 / 0.75
foot-candles (lux)	856 / 9209	214 / 2302	95.1 / 1023	53.5 / 576	34.2 / 368	23.8 / 256

FL-30 — 50w 25° angle
Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	1.3 / 0.39	2.6 / 0.79	3.9 / 1.18	5.2 / 1.57	6.5 / 1.96	7.9 / 2.36
foot-candles (lux)	289 / 3110	72.2 / 777	32.1 / 346	18.1 / 194	11.6 / 124	8.0 / 86

Group J: ALR12 HALOGEN LAMPS

Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)
FL-22	20	ALR12 FL (GBF) halogen	32°	12	double contact Ba15d	2,000
FL-23	20	ALR12 FL (GBE) halogen	18°	12	double contact Ba15d	2,000
FL-24	20	ALR12 SP (GBD) halogen	6°	12	double contact Ba15d	2,000

FL-31 — 50w 8° angle
Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	0.4 / 0.13	0.8 / 0.25	1.3 / 0.38	1.7 / 0.50	2.1 / 0.63	2.5 / 0.75
foot-candles (lux)	1389 / 14950	347 / 3737	154 / 1661	86.8 / 934	55.6 / 598	38.6 / 415

ALR12, 1.5" dia.
37mm
1.5" MOL
37mm

FL-22, FL-23, FL-24

FL-22 — 20w 32° angle
Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	1.7 / 0.51	3.4 / 1.02	5.0 / 1.51	6.7 / 2.01	8.4 / 2.51	10.1 / 3.01
foot-candles (lux)	83.3 / 897	20.8 / 224	9.3 / 100	5.2 / 56	3.3 / 36	2.3 / 25

FL-23 — 20w 18° angle
Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	0.9 / 0.28	1.9 / 0.57	2.8 / 0.85	3.8 / 1.13	4.7 / 1.41	5.7 / 1.70
foot-candles (lux)	167 / 1794	41.7 / 448	18.5 / 200	10.4 / 112	6.7 / 72	4.6 / 50

FL-24 — 20w 6° angle
Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	0.3 / 0.09	0.6 / 0.19	0.9 / 0.28	1.3 / 0.38	1.6 / 0.47	1.9 / 0.57
foot-candles (lux)	778 / 8372	194 / 2093	86.4 / 930	48.6 / 523	31.1 / 335	21.6 / 233

ALR18, 2.2" dia.
56mm
2.25" MOL
57mm

FL-25, FL-26

FL-25 — 50w 25° angle
Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	1.3 / 0.39	2.6 / 0.79	3.9 / 1.18	5.2 / 1.57	6.5 / 1.96	7.9 / 2.36
foot-candles (lux)	278 / 2990	69.4 / 747	30.9 / 332	17.4 / 187	11.1 / 120	7.7 / 83

FL-26 — 50w 10° angle
Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	0.5 / 0.16	1.0 / 0.31	1.6 / 0.47	2.1 / 0.63	2.6 / 0.79	3.1 / 0.94
foot-candles (lux)	1444 / 15548	361 / 3887	160 / 1728	90.3 / 972	57.8 / 622	40.1 / 432

Group K: ALR18 HALOGEN LAMPS

Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)
FL-25	50	ALR18 FL (GBK) halogen	25°	12	double contact Ba15d	4,000
FL-26	50	ALR18 SP (GBJ) halogen	10°	12	double contact Ba15d	4,000

Group L: PAR36 INCANDESCENT LAMPS

PAR36, 4.5" dia.
114mm

4.5"
114mm
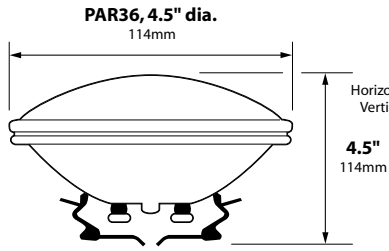
FL-17
FL-18
FL-46
FL-47
FL-48
FL-49

18w
Horizontal: 50° angle
Vertical: 25° angle
(shown)

Feet	3	6	9	12	15	18	Beam Width (ft.) (m)
Meters	1	2	3	4	5		
	1.3	2.6	3.9	5.2	6.5	7.9	
	0.39	0.79	1.18	1.57	1.96	2.34	
foot-candles (lux)	167	41.7	18.5	10.4	6.7	4.6	
	1794	448	199	112	72	50	

Top View 18w
Horizontal: 50° angle (shown)
Vertical: 25° angle

Feet	3	6	9	12	15	18	Beam Width (ft.) (m)
Meters	1	2	3	4	5		
	2.6	5.2	7.9	10.5	13.1	15.7	
	0.79	1.57	2.34	3.14	3.93	4.71	
foot-candles (lux)	167	41.7	18.5	10.4	6.7	4.6	
	1794	448	199	112	72	50	

FL-17

25w 55° angle — FL-18-25W-VWFL

Feet	3	6	9	12	15	18	Beam Width (ft.) (m)
Meters	1	2	3	4	5		
	2.9	5.8	8.6	11.5	14.4	17.3	
	0.86	1.73	2.59	3.46	4.32	5.18	
foot-candles (lux)	17.8	4.4	2.0	1.1	0.7	0.5	
	191	48	21	12	8	5	

25w 37° angle — FL-18-25w-WFL

Feet	3	6	9	12	15	18	Beam Width (ft.) (m)
Meters	1	2	3	4	5		
	1.9	3.9	5.8	7.7	9.7	11.6	
	0.58	1.16	1.74	2.32	2.91	3.49	
foot-candles (lux)	40.0	10.0	4.4	2.5	1.6	1.1	
	431	108	48	27	17	12	

Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)	Notes
FL-17	18	PAR-36 MF #4414	50° x 25°	12	stud terminal	600	(GE)
FL-18-25w-VWFL	25	PAR-36 VWFL	55°	12	stud terminal	2,000	(GE 14556)
FL-18-25w-WFL	25	PAR 36 WFL	37°	12	stud terminal	2,000	(GE 14555)

25w 9° angle — FL-18-25w-NSP

Feet	3	6	9	12	15	18	Beam Width (ft.) (m)
Meters	1	2	3	4	5		
	0.5	0.9	1.4	1.9	2.4	2.8	
	0.14	0.28	0.42	0.57	0.71	0.85	
foot-candles (lux)	289	72.2	32.1	18.1	11.6	8.0	
	3110	777	346	194	124	86	

50w 55° angle — FL-46

Feet	3	6	9	12	15	18	Beam Width (ft.) (m)
Meters	1	2	3	4	5		
	2.9	5.8	8.6	11.5	14.4	17.3	
	0.86	1.73	2.59	3.46	4.32	5.18	
foot-candles (lux)	66.7	16.7	7.4	4.2	2.7	1.9	
	718	179	80	45	29	20	

50w 37° angle — FL-47

Feet	3	6	9	12	15	18	Beam Width (ft.) (m)
Meters	1	2	3	4	5		
	1.9	3.9	5.8	7.7	9.7	11.6	
	0.58	1.16	1.74	2.32	2.91	3.49	
foot-candles (lux)	100	25.0	11.1	6.3	4.0	2.8	
	1076	269	120	67	43	30	

50w 9° angle — FL-48

Feet	3	6	9	12	15	18	Beam Width (ft.) (m)
Meters	1	2	3	4	5		
	0.5	1.1	1.6	2.1	2.6	3.1	
	0.57	0.31	0.47	0.63	0.79	0.94	
foot-candles (lux)	1222	306	136	76.4	48.9	40.0	
	13156	3289	1462	822	526	365	

50w 6° angle — FL-49

Feet	3	6	9	12	15	18	21	24	27	30	33	36	39	Beam Width (ft.) (m)
Meters	1	2	3	4	5	6	7	8	9	10	11	12		
	0.3	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.5	3.8	4.1	
	0.09	0.19	0.28	0.38	0.47	0.57	0.66	0.75	0.85	0.94	1.04	1.13	1.23	
foot-candles (lux)	2111	528	235	132	84.4	58.6	43.1	33.0	26.1	21.1	17.4	14.7	12.5	
	22724	5681	2525	1420	909	631	464	355	281	227	188	158	134	

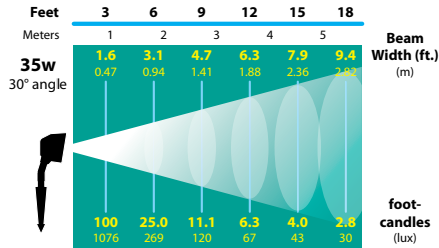| Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)	Notes
FL-18-25w-NSP	25	PAR 36 NSP	9°	12	stud terminal	2,000	(GE 14554)
FL-46	50	PAR 36 VWFL	55°	12	stud terminal	2,000	(GE 16542)
FL-47	50	PAR 36 WFL	37°	12	stud terminal	2,000	(GE 16541)
FL-48	50	PAR 36 NSP	9°	12	stud terminal	2,000	(GE 16540)
FL-49	50	PAR 36 VNSP	6°	12	stud terminal	2,000	(GE 12892)

PAR36, 4.5" dia.
114mm

4.5"
114mm
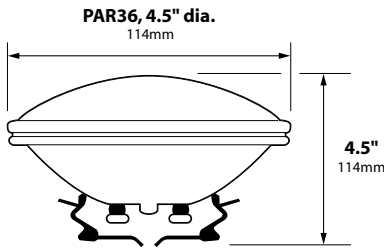
FL-08
FL-09
FL-37
FL-38
FL-39

Group L: PAR36 HALOGEN LAMPS

FL-08-35W-WFL (35w, 30° angle)

Feet	3	6	9	12	15	18	
Meters	1	2	3	4	5		
Beam Width (ft.) (m)	1.6 / 0.47	3.1 / 0.94	4.7 / 1.41	6.3 / 1.88	7.9 / 2.36	9.4 / 2.82	
foot-candles (lux)	100 / 1076	25.0 / 269	11.1 / 120	6.3 / 67	4.0 / 43	2.8 / 30	

FL-08-35W-NSP (35w, 8° angle)

Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	0.4 / 0.13	0.8 / 0.25	1.3 / 0.38	1.7 / 0.50	2.1 / 0.63	2.5 / 0.75
foot-candles (lux)	889 / 9568	222 / 2392	98.8 / 1063	55.6 / 598	35.6 / 383	24.7 / 266

FL-08-35W-VNSP (35w, 5° angle)

Feet	3	6	9	12	15	18	21	24	27	30	33	36	39
Meters	1	2	3	4	5	6	7	8	9	10	11	12	
Beam Width (ft.) (m)	0.2/0.08	0.5/0.16	0.8/0.24	1.0/0.31	1.3/0.39	1.6/0.47	1.8/0.55	2.1/0.63	2.4/0.71	2.6/0.79	2.9/0.86	3.1/0.94	3.4/1.02
foot-candles (lux)	2778/29900	694/7475	309/3322	174/1869	111/1196	77.2/831	56.7/610	43.4/467	34.3/369	27.8/299	23.0/247	19.3/208	16.4/177

Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)	Notes
FL-08-35WFL	35	PAR 36/H/WFL halogen	30°	12	stud terminal	4,000	(GE 19877)
FL-08-35WNSP	35	PAR 36/H/NSP halogen	8°	12	stud terminal	4,000	(GE 19876)
FL-08-35WVNSP	35	PAR 36/H/VNSP halogen	5°	12	stud terminal	4,000	(GE 19873)

FL-08 (36w, 32° angle)

Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	1.7/0.51	3.4/1.02	5.0/1.51	6.7/2.01	8.4/2.51	10.1/3.01
foot-candles (lux)	111/1194	27.8/299	12.3/132	6.9/74	4.4/47	3.1/34

FL-09 (36w, 13° angle)

Feet	3	6	9	12	15	18	21	24	27	30	33	36	39
Meters	1	2	3	4	5	6	7	8	9	10	11	12	
Beam Width (ft.) (m)	0.7/0.20	1.4/0.41	2.0/0.61	2.7/0.82	3.4/1.02	4.1/1.23	4.8/1.43	5.4/1.63	6.1/1.84	6.8/2.04	7.5/2.25	8.2/2.45	8.8/2.65
foot-candles (lux)	389/4186	97.2/1046	43.2/465	24.3/262	15.6/167	10.8/116	7.9/85	6.1/65	4.8/52	3.9/42	3.2/35	2.7/29	2.3/25

FL-09-35W-VNSP (35w, 5° angle)

Feet	3	6	9	12	15	18	21	24	27	30	33	36	39
Meters	1	2	3	4	5	6	7	8	9	10	11	12	
Beam Width (ft.) (m)	0.2/0.08	0.5/0.16	0.8/0.24	1.0/0.31	1.3/0.39	1.6/0.47	1.8/0.55	2.1/0.63	2.4/0.71	2.6/0.79	2.9/0.86	3.1/0.94	3.4/1.02
foot-candles (lux)	2778/29900	694/7475	309/3322	174/1869	111/1196	77.2/831	56.7/610	43.4/467	34.3/369	27.8/299	23.0/247	19.3/208	16.4/177

FL-37 (50w, 30° angle)

Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	1.6/0.47	3.1/0.94	4.7/1.41	6.3/1.88	7.9/2.36	9.4/2.82
foot-candles (lux)	144/1555	36.1/389	16.0/173	9.0/97	5.8/62	4.0/43

FL-38 (50w, 8° angle)

Feet	3	6	9	12	15	18
Meters	1	2	3	4	5	
Beam Width (ft.) (m)	0.4/0.13	0.8/0.25	1.3/0.38	1.7/0.50	2.1/0.63	2.5/0.75
foot-candles (lux)	1111/11960	278/2990	123/1329	69.4/747	44.4/478	30.9/332

FL-39 (50w, 5° angle)

Feet	3	6	9	12	15	18	21	24	27	30	33	36	39
Meters	1	2	3	4	5	6	7	8	9	10	11	12	
Beam Width (ft.) (m)	0.2/0.08	0.5/0.16	0.8/0.24	1.0/0.31	1.3/0.39	1.6/0.47	1.8/0.55	2.1/0.63	2.4/0.71	2.6/0.79	2.9/0.86	3.1/0.94	3.4/1.02
foot-candles (lux)	4333/46644	1083/11661	481/5183	271/2915	173/1866	120/1296	88.4/952	67.7/729	53.5/576	43.3/466	35.8/385	30.1/324	25.6/276

Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)	Notes
FL-08	36	PAR 36 QWFL halogen	32°	12	combo terminal	4,000	(SYL 55091)
FL-09	36	PAR 36 QNSP halogen	13°	12	combo terminal	4,000	(SYL 55090)
FL-09-36WQVNSP	36	PAR 36 QVNSP halogen	5°	12	combo terminal	4,000	(SYL 55100)
FL-37	50	PAR 36/H/WFL halogen	30°	12	stud terminal	4,000	(GE 19880)
FL-38	50	PAR 36/H/NSP halogen	8°	12	stud terminal	4,000	(GE 19879)
FL-39	50	PAR 36/H/VNSP halogen	5°	12	stud terminal	4,000	(GE 19878)

4.3" MOL
108mm

5.4" MOL
138mm

6.6" MOL
168mm

7.1" MOL
180mm

FL-02-24 FL-02-39 FL-02-54
22" MOL **34" MOL** **46" MOL**
559mm   864mm   1168mm

MOL

0.61" dia.
15mm

FL-T5 Series

**CFL-06
Spiral
Compact Fluorescent
13w/18w/26w**

ENERGY STAR PARTNER

**FL-04-5w
FL-05-5w**

**FL-04-7w
FL-05-7w**

**FL-04-9w
FL-05-9w**

**FL-02-13w
FL-03-13w**
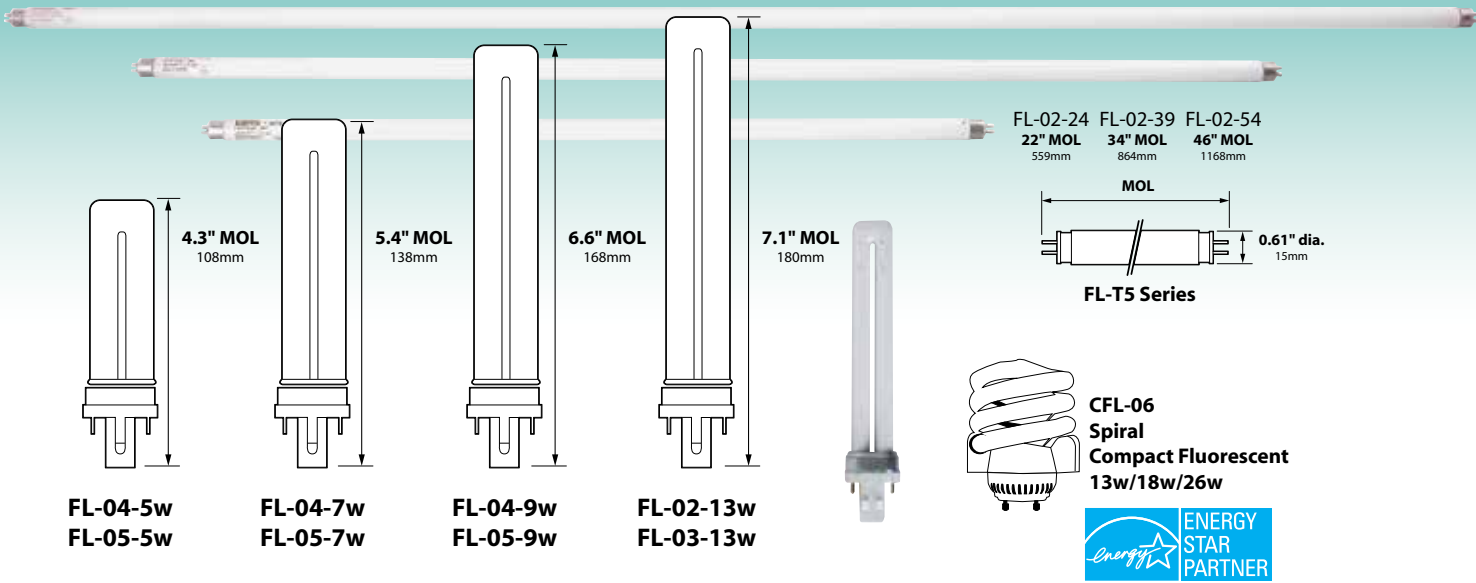
Group M: T5 COMPACT FLUORESCENT LAMPS

Catalog Number	Wattage	Description	Voltage	Base Type	Lamp Life (Hours)	Kelvin
FL-02-24T530K	24	T5HO fluorescent tube	120	G5 bi-pin	20,000	3000° K
FL-02-24T535K	24	T5HO fluorescent tube	120	G5 bi-pin	20,000	3500° K
FL-02-24T541K	24	T5HO Compact fluorescent tube	120	G5 bi-pin	20,000	4100° K
FL-02-39T530K	39	T5HO fluorescent tube	120	G5 bi-pin	20,000	3000° K
FL-02-39T535K	39	T5HO fluorescent tube	120	G5 bi-pin	20,000	3500° K
FL-02-39T541K	39	T5HO fluorescent tube	120	G5 bi-pin	20,000	4100° K
FL-02-54T530K	54	T5HO fluorescent tube	120	G5 bi-pin	20,000	3000° K
FL-02-54T535K	54	T5HO fluorescent tube	120	G5 bi-pin	20,000	3500° K
FL-02-54T541K	54	T5HO fluorescent tube	120	G5 bi-pin	20,000	4100° K
FL-02	13	Compact fluorescent tube	120	GX23 bi-pin	10,000	4100° K
FL-03	13	Compact fluorescent tube	120	GX23 bi-pin	10,000	2700° K
FL-04-5,7,9 (Select)	5, 7, or 9	Compact fluorescent tube	120	GX23 bi-pin	10,000	4100° K
FL-05-5,7,9 (Select)	5, 7, or 9	Compact fluorescent tube	120	GX23 bi-pin	10,000	2700° K
FL-02-13S,-18S,-26S (Select)	13,18 or 26	Spiral compact fluorescent	120	GU24 bi-pin	10,000	2700° K

NOTE: The above compact fluorescents available in other temperatures; contact factory.

Group N: 120v. INCANDESCENT LAMP

Catalog Number	Wattage	Description	Voltage	Base Type	Lamp Life (Hours)	Kelvin
FL-40	15	T-7	120	Double contact (Ba15d)	2,500	2700°K

Group O: 120v. INCANDESCENT LAMP

Catalog Number	Wattage	Description	Voltage	Base Type	Lamp Life (Hours)	Kelvin
FL-41	25	T-8	120	Double contact (Ba15d)	2,500	2700°K

Group P: 120v. HALOGEN LAMP

Catalog Number	Wattage	Description	Voltage	Base Type	Lamp Life (Hours)	
FL-19-35w-DC-120v	35	T-4 halogen	120	Double contact (Ba15d)	2,000	3000°K

T7, 0.875" dia.
22mm

2.25" MOL
57mm

FL-40

T8, 1" dia.
25mm

2.675" MOL
68mm

FL-41

T3, 0.59" dia.
15mm

1.92" MOL
49mm

FL-19-35w-DC-120v

MR16, 2" dia.
51mm

2.25" MOL
57mm

FL-15

Feet	3	6	9	12
Meters	1	2	3	4

35w
30° angle

1.6	3.1	4.7	6.3
0.47	0.94	1.41	1.88

**Beam
Width (ft.)**
(m)

100	25.0	11.1	6.3
1076	269	120	67

**foot-
candles**
(lux)

FL-15-120V-MS

Group Q: 120v. HALOGEN LAMP

Catalog Number	Wattage	Description	Beam Spread	Voltage	Base Type	Lamp Life (Hours)	Notes
FL-15-120V-MS	35	MR16 FL halogen	30°	120	medium base	2,000	3000°K

LED*SOLUTIONS*

**4 EXCITING TECHNOLOGIES
RETROFIT, MODULE,
FLAT PANEL & STRIP**

GO*GREEN*

Single Contact & Bi-Pin LED

Catalog#	Description	Volts	Hours	Lumens	Watts	Kelvin	Warranty
FL-LED-OMNI3	SC base LED	12v	50,000	160	3w	3000K	5 years
FL-LED-OMNI3BP	Bi-Pin LED	12v	50,000	160	3w	3000K	5 years

OMNI 3   OMNI 3BP   MR11   MR8   MR16   MR16-AS   MR16-6w

MR16 LED (12v)

Catalog#	Description	Volts	Hours	Lumens	Watts	Kelvin	Warranty
FL-LED-MR16-BAB	MR16 5.3 bi-pin LED 35˚ (BAB) Flood	12v	50,000	200	4w	3000K	10 years
FL-LED-MR16-ESX	MR16 5.3 bi-pin LED 12˚ (ESX) Spot	12v	50,000	200	4w	3000K	10 years
FL-LED-MR166W40	MR16 5.3 bi-pin LED 40˚ (BAB) Flood	12v	50,000	180	6w	3000K	5 years
FL-LED-MR16-AS40	MR16 5.3 bi-pin LED 40˚ (BAB) Flood	12v	40,000	180	4w	3000K	5 years
FL-LED-MR16-AS15	MR16 5.3 bi-pin LED 15˚(ESX) Spot	12v	40,000	180	4w	3000K	5 years

MR11 LED (12v)

Catalog#	Description	Volts	Hours	Lumens	Watts	Kelvin	Warranty
FL-LED-MR11-40	MR11 GU4 bi-pin LED 40˚ (FTD) Flood	12v	50,000	90	2w	3000K	5 years
FL-LED-MR11-15	MR11 GU4 bi-pin LED 15˚ (FTB) Spot	12v	50,000	90	2w	3000K	5 years

MR8 LED (12v)

Catalog#	Description	Volts	Hours	Lumens	Watts	Kelvin	Warranty
FL-LED-MR8NL	MR8 GU4 bi-pin LED 120˚ (WF) Wide Flood	12v	25,000	65	1.5w	3000K	3 years

AR111   PAR36

AR111 LED (12v)

Catalog#	Description	Volts	Hours	Lumens	Watts	Kelvin	Warranty
FL-LED-AR111-15	AR111 LED 15˚ Spot	12v	50,000	510	13w	3000K	5 years
FL-LED-AR111-40	AR111 LED 40˚ Flood	12v	50,000	510	13w	3000K	5 years

PAR36 LED (12v)

Catalog#	Description	Volts	Hours	Lumens	Watts	Kelvin	Warranty
FL-LED-P361015	PAR36 LED 15˚ Spot	12v	50,000	600	10w	3000K	5 years
FL-LED-P361024	PAR36 LED 24˚ Narrow Flood	12v	50,000	600	10w	3000K	5 years
FL-LED-P361040	PAR36 LED 40˚ Flood	12v	50,000	600	10w	3000K	5 years
FL-LED-P361060	PAR36 LED 60˚ Wide Flood	12v	50,000	600	10w	3000K	5 years

Note: All FOCUS 12v LED's are for use with a magnetic power supply only.
MR16, MR11 AR111 & PAR series LED's must be installed in a sealed fixture.
Non-dimmable. DOE LM79 tested / LM80 compliant. Power factor >90%.

LEDSOLUTIONS

4 EXCITING TECHNOLOGIES RETROFIT, MODULE, FLAT PANEL & STRIP

GOGREEN

MR16 GU10

PAR20

PAR30

PAR38

MR16 LED (120v)

Catalog#	Description	Volts	Hours	Lumens	Watts	Kelvin	Warranty
FL-LED-120V-MR16-BAB	MR16 GU10 bi-pin LED 35˚ (BAB) Flood	120v-277v	50,000	200	4w	3000K	10 years
FL-LED-120V-MR16-ESX	MR16 GU10 bi-pin LED 12˚ (ESX) Spot	120v-277v	50,000	200	4w	3000K	10 years

PAR20/PAR30/PAR38 LED (120v)

Catalog#	Description	Volts	Hours	Lumens	Watts	Kelvin	Warranty
FL-LED-P2015-27K	PAR20 LED 15˚ Spot	120v-277v	50,000	300	9w	3000K	5 years
FL-LED-P2040-27K	PAR20 LED 40˚ Flood	120v-277v	50,000	300	9w	3000K	5 years
FL-LED-P3015-27K	PAR30 LED 15˚ Spot	120v-277v	50,000	600	15w	3000K	5 years
FL-LED-P3040-27K	PAR30 LED 40˚ Flood	120v-277v	50,000	600	15w	3000K	5 years
FL-LED-P3815-27K	PAR38 LED 15˚ Spot	120v-277v	50,000	900	21w	3000K	5 years
FL-LED-P3840-27K	PAR38 LED 40˚ Flood	120v-277v	50,000	900	21w	3000K	5 years

3w LED MODULE

7w 11w, 15w LED MODULES

Catalog#	Description	Volts	Hours	Lumens	Watts	Kelvin	Warranty
LED MODULES	Consult Factory for Fixtures	12v	50,000	150-600	3,7,11,15w	3000K	5 years

2w LED STRIP

4w LED STRIP

Catalog#	Description	Volts	Hours	Lumens	Watts	Kelvin	Warranty
LED STRIPS	Consult Factory for Fixtures	12v	40,000	75	2w,4w	3000K	5 years

MOST FOCUS LED's ARE 50,000 HOURS AVERAGE RATING & 3000K   WARM WHITE COLOR
All LED's are not created equal. FOCUS uses only the highest quality chips manufactured by CREE

FLAT PANEL LED's **ORDERING GUIDE**

Number	Description	Hours	Lumens
LED Panel Kits For Focus 120v Flood Lights			
FA-LE-DP8120FFL05	Reflector assembly with 8w LEDP for FFL-05/FFL-07 - 120v	50K	630
FA-LE-DP8120FFL13	Reflector assembly with 8w LEDP for FFL-13/FFL-26/FFL-09 - 120v	50K	630

3000K Warm White Standard for 5200K Cool White add **-52** to part number

Led Panels Universal Kits for Step and Brick Lights 12v/120v277v			
FA-LE-DP512B	Brick light reflector assembly w/ 5w LED Panel, 12v driver	50K	350
FA-LE-DP5120B	Brick light reflector assembly w/ 5w LED Panel, 120v driver	50K	350
FA-LE-DP5277B	Brick light reflector assembly w/ 5w LED Panel, 277v driver	50K	350

3000K Warm White Standard for 5200K Cool White add **-52** to part number

FA-LE-DP812B	Brick light reflector assembly w/ 8w LED Panel, 12v driver	50K	630
FA-LE-DP8120B	Brick light reflector assembly w/ 8w LED Panel, 120v driver	50K	630
FA-LE-DP8277B	Brick light reflector assembly w/ 8w LED Panel, 12v driver	50K	630

3000K Warm White Standard for 5200K Cool White add **-52** to part number

FA-LE-DP412S	Step light reflector assembly w/ 4w LED Panel, 12v driver	50K	350
FA-LE-DP4120S	Step light reflector assembly w/ 4w LED Panel, 120v driver	50K	350
FA-LE-DP4277S	Step light reflector assembly w/ 4w LED Panel, 277v driver	50K	350

3000K Warm White Standard for 5200K Cool White add **-52** to part number

Led Panels with Heat Sink Only 12v/120v277v

FL-LE-DP5W35001	5w LED Panel with aluminum heat sink, driver not included	50K	350

Driver Options:
HW-12-5350-12-LED	12v LED driver
HW-12-6350-120-LED	120v LED driver
HW-12-6350-277-LED	277v LED driver
HW-12-20MVLED	120v-277v driver for **multiple** panels

3000K Warm White Standard for 5200K Cool White add **-52** to part number

FL-LE-DP8W70001	8w LED Panel with aluminum heat sink, driver not included	50K	630

Driver Options:
HW-12-10700-12-LED	12v LED driver
HW-12-10700-120-LED	120v LED driver
HW-12-20MVLED	120v-277v driver for **multiple** panels

3000K Warm White Standard for 5200K Cool White add **-52** to part number

FL-LE-DP8W70002	8w LED Panel with aluminum heat sink, driver not included	50K	630

Driver Options:
HW-12-10700-12-LED	12v LED driver
HW-12-10700-120-LED	120v LED driver
HW-12-20MVLED	120v-277v driver for **multiple** panels

3000K Warm White Standard for 5200K Cool White add **-52** to part number

FL-LE-DP12W	12w LED Panel with aluminum heat sink, driver not included	50K	1080

Driver Options:
HW-12-121000-12-LED	12v LED driver
HW-12-20MVLED	120v-277v driver for **multiple** panels

3000K Warm White Standard for 5200K Cool White add **-52** to part number

FL-LE-DP4W35001	4w LED Rectangle Panel with aluminum heat sink, driver not included	50K	350
FL-LE-DP4W35002	4w LED Circular Panel with aluminum heat sink, driver not included	50K	300

Driver Options:
HW-12-5350-12-LED	12v LED driver
HW-12-6350-120-LED	120v LED driver
HW-12-6350-277-LED	277v LED driver
HW-12-20MVLED	120v-277v driver for **multiple** panels

3000K Warm White Standard for 5200K Cool White add **-52** to part number

FL-LE-DP2W35002	2w LED Circular Panel with aluminum heat sink, driver not included	50K	150

Driver Options:
HW-12-2165-12-LED	12v LED driver

3000K Warm White Standard for 5200K Cool White add **-52** to part number

DRIVERS

A) HW-12-20700-277-LED (277v driver for 8w panels)
B) HW-12-6350-120-LED (120v driver for 8w panels)
C) HW-12-10700-120-LED (120v driver for 8w panels)
D) HW-12-5350-12-LED (12v driver for 4w & 5w panels)
E) HW-12-10700-12-LED (12v driver for 8w panels)
F) HW-12-2165-12-LED (12v driver for 2w panels)
G) HW12-12100-12-LED (12v driver for 12w panel)
H) HW-12-6350-277-LED (277v drivers for 4w & 5w panels)
I) HW-12-20MVLED (120v/277v multi panel driver eg: 2x 8w or 4x 5w panels etc)

A 277v   B C 120v   D E 12v   F G 12v   H 277v   I 120v/277v
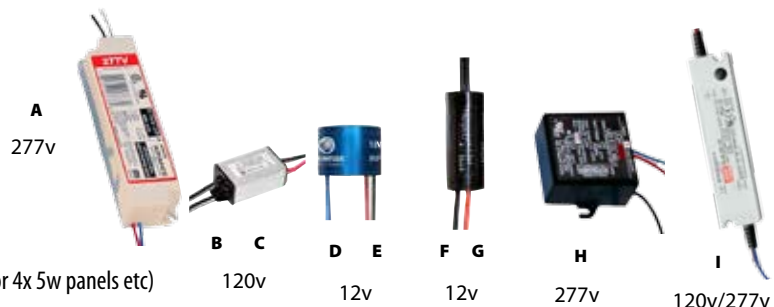
CERTIFIED LED RETROFIT KITS

**Easily convert any incandescent or fluorescent surface fixture to
energy saving LED with FOCUS Surface LED Retrofit Kits**

There are millions of energy wasting surface fixtures in hallways, corridors, stairwells and entrances that need to be replaced.   **FOCUS** has the **LED SOLUTION.**

Available with 12v, 120v, 240v or 277v Drivers & 3000K Warm White or 52000K Cool White Color:
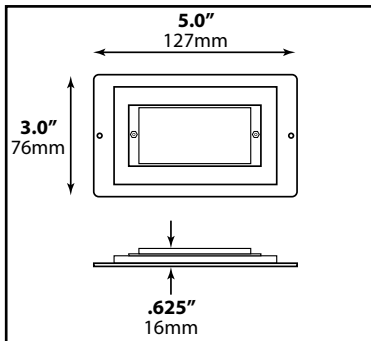
54w CFL   8w LED   8w LED

If Used Outdoors; Must Be Installed in a Sealed Fixture

RFL-P-1-04-Q-30-0350-MVI-A

- Voltage: 120v - 277v
- Total Watts: 6
- Lumens: 405
- Lumens Per Watt: 68
- CCT: 3000K
- CRI: 80
- LM79 tested
- LED Panel UL8750 Recognized Component
- One 4w 350mA LED Panel rated 50,000 hours (L7)
- Cool Beam, No UV or IR
- Non-Dimmable
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- External multi-volt driver included (120v - 277v)
- 3" x 5" mounting plate - custom mounting holes available
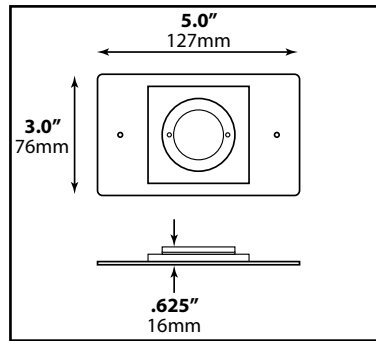
RFL-P-1-04-R-30-0350-MVI-A

- Voltage: 120v - 277v
- Total Watts: 6
- Lumens: 440
- Lumens Per Watt: 73
- CCT: 3000K
- CRI: 79
- LM79 tested
- LED Panel UL8750 Recognized Component
- One 4w 350mA LED Panel rated 50,000 hours (L7)
- Cool Beam, No UV or IR
- Non-Dimmable
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- External multi-volt driver included (120v - 277v)
- 3" x 5" mounting plate - custom mounting holes available
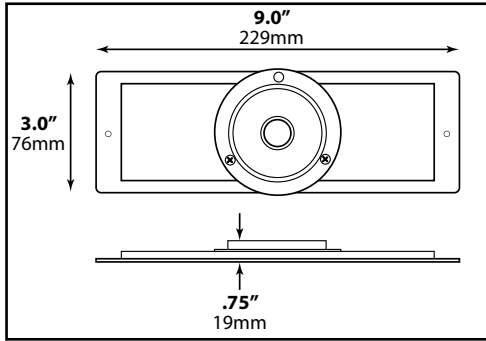
HW-6350120LED   **HW-6350120LED**
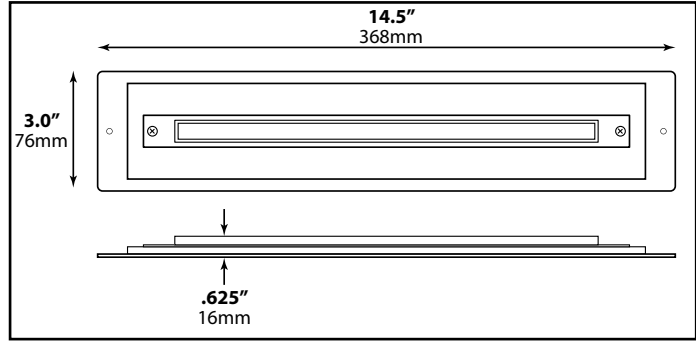
CERTIFIED LED RETROFIT KITS
For indoor wall and ceiling fixtures

9.0" 229mm
3.0" 76mm
0.9" 23mm
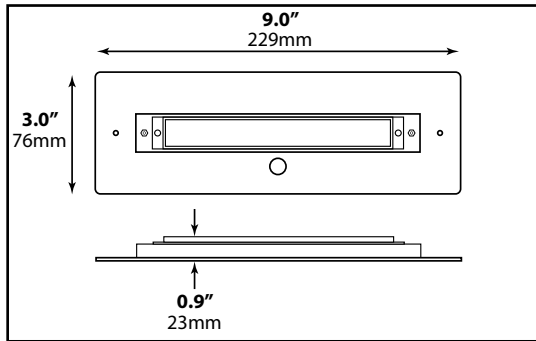
RFL-P-1-05-Q-30-0350-MVI-B

- Voltage: 120v - 277v
- Total Watts: 6
- Lumens: 410
- Lumens Per Watt: 69
- CCT: 3000K
- CRI: 80
- LM79 tested
- LED Panel UL8750 Recognized Component
- One 5w 350mA LED Panel rated 50,000 hours (L7)
- Cool Beam, No UV or IR
- Non-Dimmable
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- External multi-volt driver included (120v - 277v)
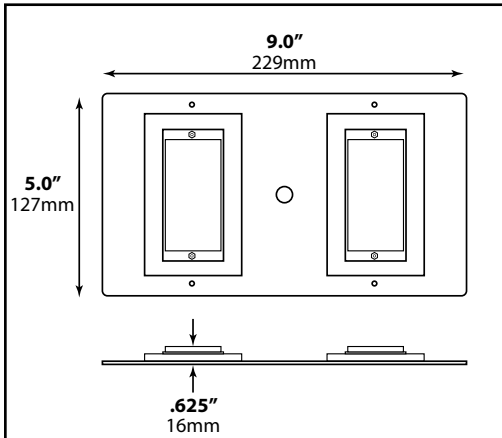- 3" x 9" mounting plate - custom mounting holes available

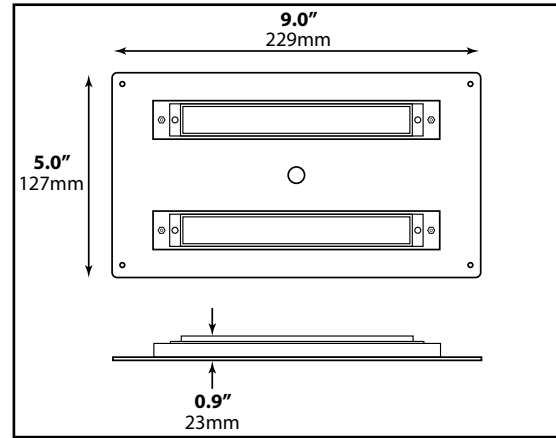**9.0"** 229mm
3.0" 76mm
.625" 16mm
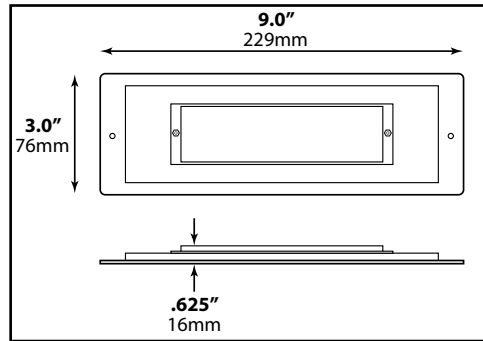
RFL-P-1-05-Q-30-0350-MVI-B

- Voltage: 120v - 277v
- Total Watts: 10
- Lumens: 780
- Lumens Per Watt: 78
- CCT: 3000K
- CRI: 80
- LM79 tested
- LED Panel UL8750 Recognized Component
- One 8w 700mA LED Panel rated 50,000 hours (L7)
- Cool Beam, No UV or IR
- Non-Dimmable
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- External multi-volt driver included (120v - 277v)
- 3" x 9" mounting plate - custom mounting holes available
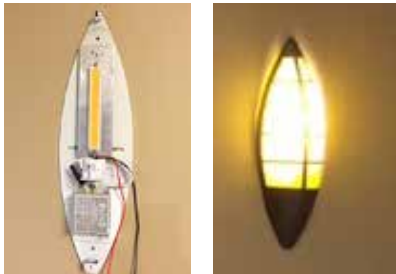
HW-6350120LED

HW-12-20MVLED

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CERTIFIED LED RETROFIT KITS

For indoor wall and ceiling fixtures

9.0"
229mm

3.0"
76mm

.75"
19mm

RFL-P-1-08-R-30-0700-MVI-B

14.5"
368mm

3.0"
76mm

.625"
16mm

RFL-P-1-12-Q-30-1000-MVI-E

- Voltage: 120v - 277v
- Total Watts: 10
- Lumens: 710
- Lumens Per Watt: 71
- CCT: 3000K
- CRI: 80
- LM79 tested
- LED Panel UL8750 Recognized Component
- One 8w 700mA LED Panel rated 50,000 hours (L7)
- Cool Beam, No UV or IR
- Non-Dimmable
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- External multi-volt driver included (120v - 277v)
- 3" x 9" mounting plate - custom mounting holes available

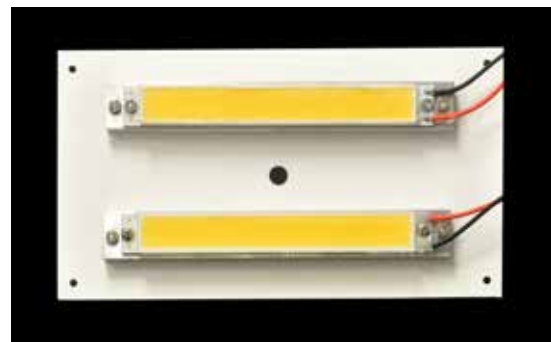- Voltage: 120v - 277v
- Total Watts: 12
- Lumens: 955
- Lumens Per Watt: 80
- CCT: 3000K
- CRI: 80
- LM79 tested
- LED Panel UL8750 Recognized Component
- One 12w 1000mA LED Panel rated 50,000 hours (L7)
- Cool Beam, No UV or IR
- Non-Dimmable
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- External multi-volt driver included (120v - 277v)
- 3" x 14.5" mounting plate - custom mounting holes available
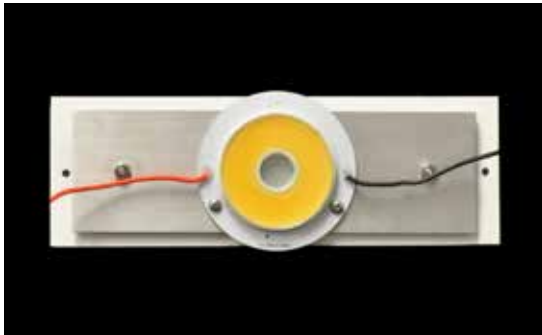
HW-12-20MVLED

HW-12-20MVLED

CERTIFIED LED RETROFIT KITS
For indoor wall and ceiling fixtures

RFL-P-1-05-Q-30-0350-MVI-B

- Voltage: 120v - 277v
- Total Watts: 11
- Lumens: 830
- Lumens Per Watt: 76
- CCT: 3000K
- CRI: 80
- LM79 tested
- LED Panel UL8750 Recognized Component
- Two 4w 350mA LED Panel rated 50,000 hours (L7)
- Cool Beam, No UV or IR
- Non-Dimmable
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- 2 x external multi-volt drivers included (120v - 277v)
- 5" x 9" mounting plate - custom mounting holes available

HW-6350120LED

RFL-P-2-05-Q-30-0350-MVI-C

- Voltage: 120v - 277v
- Total Watts: 11
- Lumens: 890
- Lumens Per Watt: 81
- CCT: 3000K
- CRI: 80
- LM79 tested
- LED Panel UL8750 Recognized Component
- Two 5w 350mA LED Panel rated 50,000 hours (L7)
- Cool Beam, No UV or IR
- Non-Dimmable
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- 2 x external multi-volt drivers included (120v - 277v)
- 5" x 9" mounting plate - custom mounting holes available

**HW-6350120LED**

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CERTIFIED LED RETROFIT KITS
For indoor wall and ceiling fixtures

14.5"
368mm

8.0"
203mm

.625"
16mm

RFL-P-2-12-Q-30-1000-MVI-F
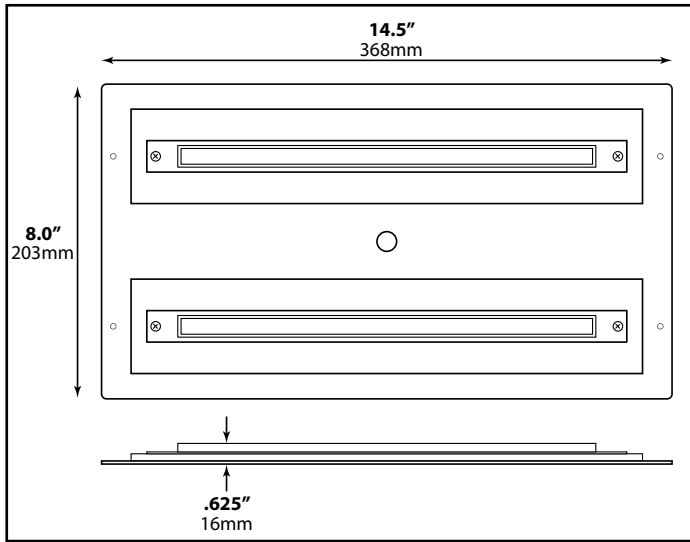
- Voltage: 120v - 277v
- Total Watts: 30
- Lumens: 2209
- Lumens Per Watt: 73
- CCT: 3000K
- CRI: 80
- LM79 tested
- LED Panel UL8750 Recognized Component
- Two 12w 1000mA LED Panels rated 50,000 hours (L7)
- Cool Beam, No UV or IR
- Non-Dimmable
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- 2 x External multi-volt drivers included (120v - 277v)
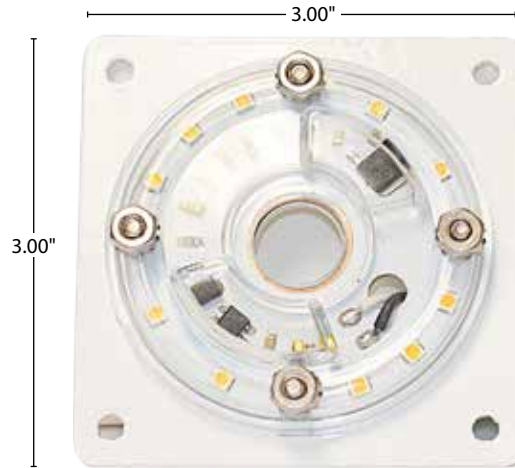- 8" x 14.5" mounting plate - custom mounting holes available
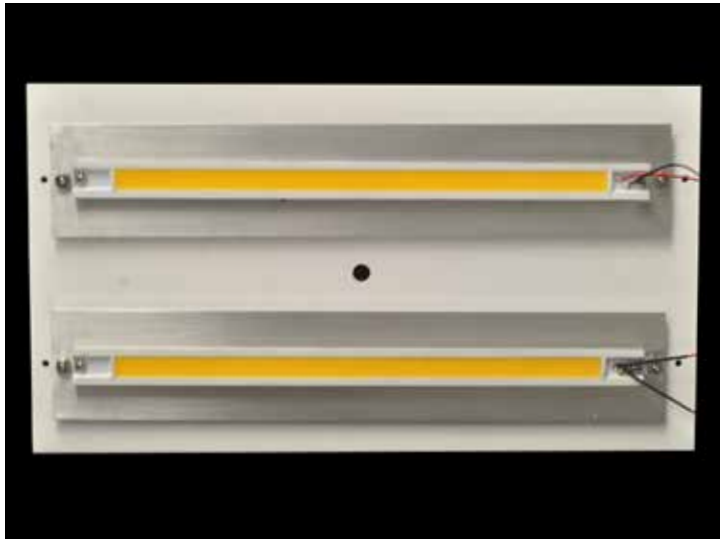
HW-12-20MVLED

EOS LED MODULES

GOGREEN
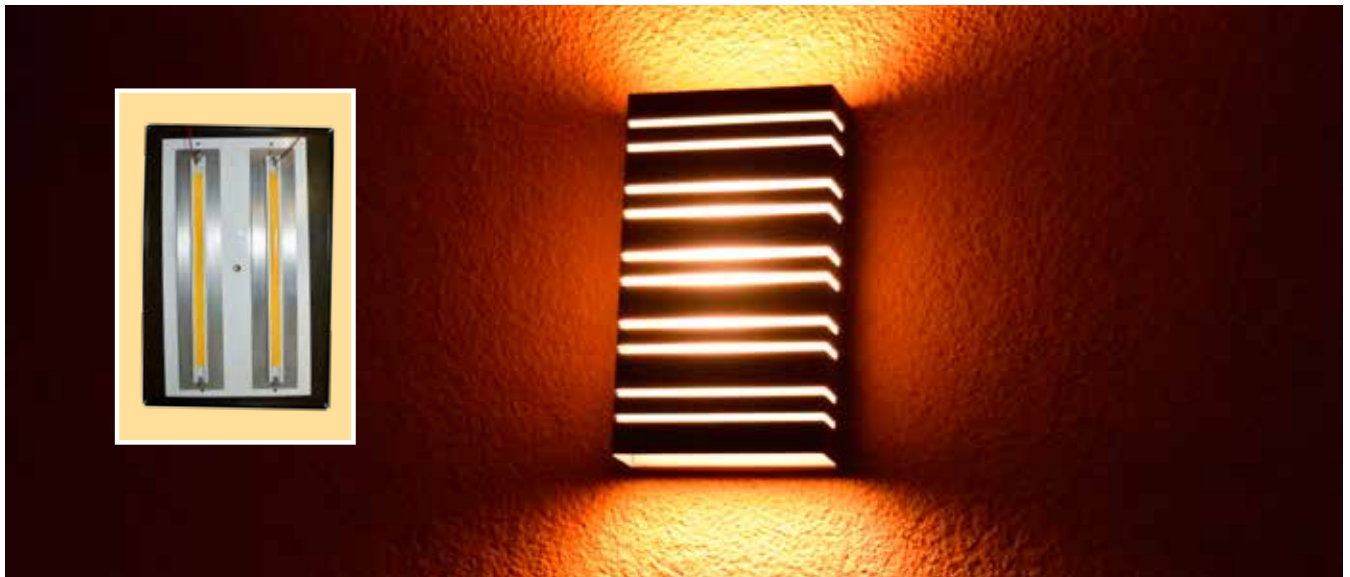
- Voltage: 120v or 277v models
- Total Watts: 6
- Lumens: 500 lumens (Equal to 13w CFL)
- Lumens Per Watt: 67
- High power factor >0.98
- CCT: 3000K (optional 4000K available @ 550 lumens)
- CRI: 80
- Estimated Life: 50,000 hours (L70)
- Cool Beam, No UV or IR
- Dimmable down to 5% with most triac or electronic dimmers
- On board line surge protection
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- Integrated LED Driver on board (120v input only)
- Polycarbonate protective optical lens
- Multiple mounting options with custom mounting plates for any size fixture
- Magnetic mounting option - no tools required

LED Module Compliance & Certification
- UL8750 Recognized Component
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- LM79: No (LM79 does not apply to COB technology)
- FCC Compliance Class B

3.00"
3.00"

RFL-M1-06-R-30-120-33A

Driver On Board

RoHS compliant

Magnetic Mounting Studs

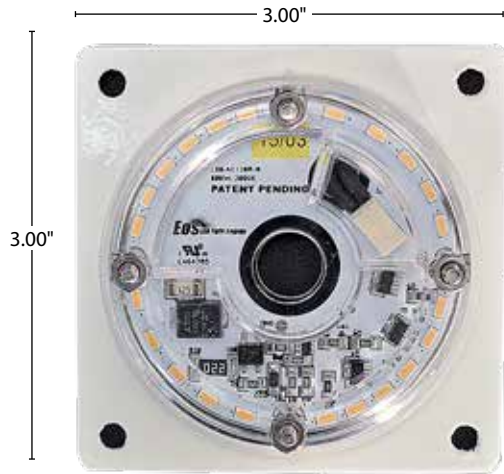| CATALOG NO.	DESCRIPTION
120v Input	
RFL-M1-06-R-30-120	6W RETROFIT LED MODULE, 500 LUMEN, 3000K, 120V INPUT
RFL-M1-06-R-40-120	6W RETROFIT LED MODULE, 550 LUMEN, 4000K, 120V INPUT
RFL-M1-06-R-30-120-33A*	6W RETROFIT LED MODULE, 500 LUMEN, 3000K, 120V INPUT, 3" X 3" MOUNTING PLATE
RFL-M1-06-R-40-120-33A*	6W RETROFIT LED MODULE, 550 LUMEN, 4000K, 120V INPUT, 3" X 3" MOUNTING PLATE
* Consult Factory for custom sized back plate part number	
RFL-M1-06-R-30-120-33AM	6W RETROFIT LED MODULE, 500 LUMEN, 3000K, 120V INPUT, 3" X 3" MAGNETIC MOUNTING PLATE
RFL-M1-06-R-40-120-33AM	6W RETROFIT LED MODULE, 550 LUMEN, 4000K, 120V INPUT, 3" X 3" MAGNETIC MOUNTING PLATE
277v Input	
RFL-M1-06-R-30-277	6W RETROFIT LED MODULE, 500 LUMEN, 3000K, 277V INPUT
RFL-M1-06-R-40-277	6W RETROFIT LED MODULE, 550 LUMEN, 4000K, 277V INPUT
RFL-M1-06-R-30-277-33A*	6W RETROFIT LED MODULE, 500 LUMEN, 3000K, 277V INPUT, 3" X 3" MOUNTING PLATE
RFL-M1-06-R-40-277-33A*	6W RETROFIT LED MODULE, 550 LUMEN, 4000K, 277V INPUT, 3" X 3" MOUNTING PLATE
* Consult Factory for custom sized back plate part number	
RFL-M1-06-R-30-277-33AM	6W RETROFIT LED MODULE, 500 LUMEN, 3000K, 277V INPUT, 3" X 3" MAGNETIC MOUNTING PLATE
RFL-M1-06-R-40-277-33AM	6W RETROFIT LED MODULE, 550 LUMEN, 4000K, 277V INPUT, 3" X 3" MAGNETIC MOUNTING PLATE

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EOS LED MODULES

GO**GREEN**

- Voltage: 120v or 277v modules
- Total Watts: 13
- Lumens: 900 lumens (Equal to 26w CFL)
- Lumens Per Watt: 69
- High power factor >0.98
- CCT: 3000K (optional 4000K available @ 1000 lumens)
- CRI: 80
- Estimated Life: 50,000 hours (L70)
- Cool Beam, No UV or IR
- Dimmable down to 5% with most triac or electronic dimmers
- On board line surge protection
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- Integrated LED Driver on board (120v input only)
- Polycarbonate protective optical lens
- Multiple mounting options with custom mounting plates for any size fixture

LED Module Compliance & Certification
- Energy Star CSD (Certified Lighting Subcomponent Database)
- UL8750 Recognized Component
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- LM79: No (LM79 does not apply to COB technology)
- FCC Compliance Class B

3.00"

3.00"

RFL-M1-13-R-30-120-33A

Driver On Board

RoHS compliant

Magnetic Mounting Studs

RFL-M1-13-R-30-120-33A

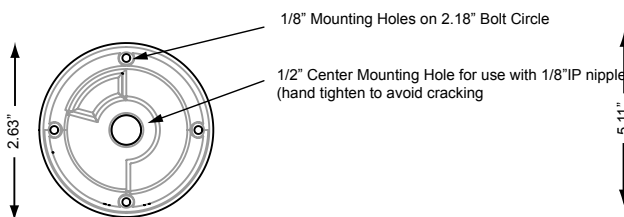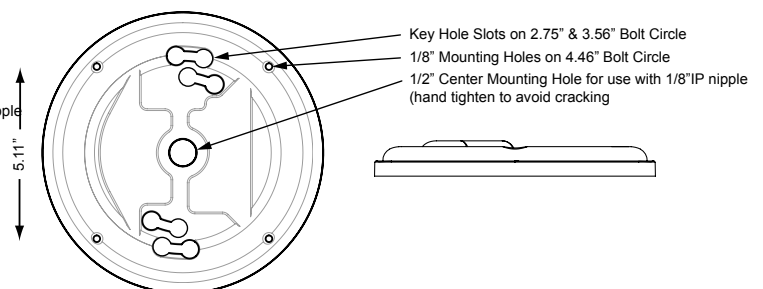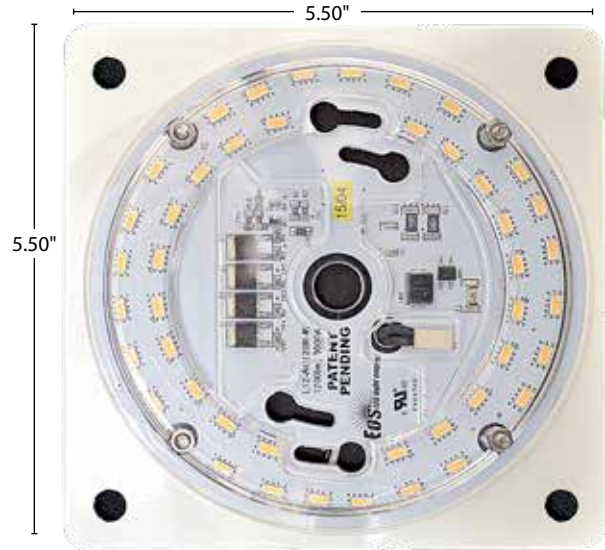| CATALOG NO.	DESCRIPTION
120v Input	
RFL-M1-13-R-30-120	13W RETROFIT LED MODULE, 900 LUMEN, 3000K, 120V INPUT
RFL-M1-13-R-40-120	13W RETROFIT LED MODULE, 1000 LUMEN, 4000K, 120V INPUT
RFL-M1-13-R-30-120-33A*	13W RETROFIT LED MODULE, 900 LUMEN, 3000K, 120V INPUT, 3" X 3" MOUNTING PLATE
RFL-M1-13-R-40-120-33A*	13W RETROFIT LED MODULE, 1000 LUMEN, 4000K, 120V INPUT, 3" X 3" MOUNTING PLATE
* Consult Factory for custom sized back plate part number	
RFL-M1-13-R-30-120-33AM	13W RETROFIT LED MODULE, 900 LUMEN, 3000K, 120V INPUT, 3" MAGNETIC MOUNTING PLATE
RFL-M1-13-R-40-120-33AM	13W RETROFIT LED MODULE, 1000 LUMEN, 4000K, 120V INPUT, 3" MAGNETIC MOUNTING PLATE

Direct Mount: 6w & 13w

1/8" Mounting Holes on 2.18" Bolt Circle

1/2" Center Mounting Hole for use with 1/8"IP nipple (hand tighten to avoid cracking

2.63"

Direct Mount: 14w & 23w

Key Hole Slots on 2.75" & 3.56" Bolt Circle

1/8" Mounting Holes on 4.46" Bolt Circle

1/2" Center Mounting Hole for use with 1/8"IP nipple (hand tighten to avoid cracking

5.11"

EOS LED MODULES

GOGREEN

- Voltage: 120v or 277v modules
- Total Watts: 14
- Lumens: 1350 lumens (Equal to Three 13w CFL lamps)
- Lumens Per Watt: 96
- High power factor >0.98
- CCT: 3000K (optional 4000K available @ 1400 lumens)
- CRI: 80
- Estimated Life: 50,000 hours (L70)
- Cool Beam, No UV or IR
- Dimmable down to 4% with most triac or electronic dimmers
- On board line surge protection
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- Integrated LED Driver on board (120v input only)
- Polycarbonate protective optical lens
- Multiple mounting options with custom mounting plates for any size fixture

LED Module Compliance & Certification
- Energy Star CSD (Certified Lighting Subcomponent Database)
- UL8750 Recognized Component
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- LM79: No (LM79 does not apply to COB technology)
- FCC Compliance Class B

5.50"

5.50"

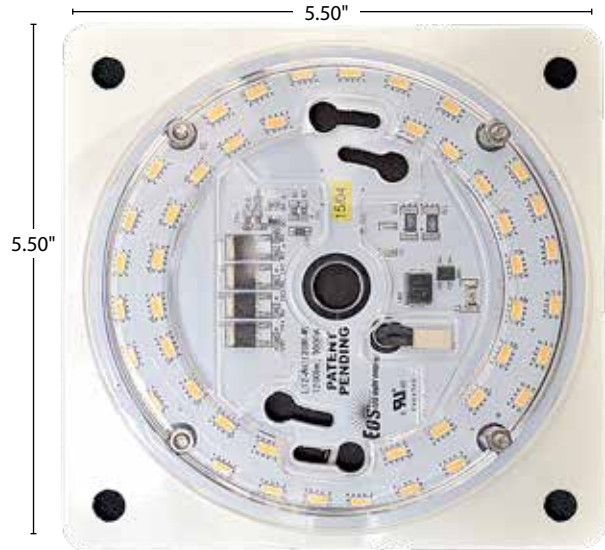**RFL-M1-14-R-30-120-55A**

Driver On Board

RoHS compliant

Magnetic Mounting Studs

RFL-M1-14-R-30-277-55AM

CATALOG NO.	DESCRIPTION
120v Input	
RFL-M1-14-R-30-120	14W RETROFIT LED MODULE, 1350 LUMEN, 3000K, 120V INPUT
RFL-M1-14-R-40-120	14W RETROFIT LED MODULE, 1400 LUMEN, 4000K, 120V INPUT
RFL-M1-14-R-30-120-55A*	14W RETROFIT LED MODULE, 1350 LUMEN, 3000K, 120V INPUT, 5.5" X 5.5" MOUNTING PLATE
RFL-M1-14-R-40-120-55A*	14W RETROFIT LED MODULE, 1400 LUMEN, 4000K, 120V INPUT, 5.5" X 5.5" MOUNTING PLATE
* Consult Factory for custom sized back plate part number	
RFL-M1-14-R-30-120-55AM	14W RETROFIT LED MODULE, 1350 LUMEN, 3000K, 120V INPUT, 5.5" MAGNETIC MOUNTING PLATE
RFL-M1-14-R-40-120-55AM	14W RETROFIT LED MODULE, 1400 LUMEN, 4000K, 120V INPUT, 5.5" MAGNETIC MOUNTING PLATE
277v Input	
RFL-M1-14-R-30-277	14W RETROFIT LED MODULE, 1350 LUMEN, 3000K, 277V INPUT
RFL-M1-14-R-40-277	14W RETROFIT LED MODULE, 1400 LUMEN, 4000K, 277V INPUT
RFL-M1-14-R-30-277-55A*	14W RETROFIT LED MODULE, 1350 LUMEN, 3000K, 277V INPUT, 5.5" X 5.5" MOUNTING PLATE
RFL-M1-14-R-40-277-55A*	14W RETROFIT LED MODULE, 1400 LUMEN, 4000K, 277V INPUT, 5.5" X 5.5" MOUNTING PLATE
* Consult Factory for custom sized back plate part number	
RFL-M1-14-R-30-277-55AM	14W RETROFIT LED MODULE, 1350 LUMEN, 3000K, 277V INPUT, 5.5" MAGNETIC MOUNTING PLATE
RFL-M1-14-R-40-277-55AM	14W RETROFIT LED MODULE, 1400 LUMEN, 4000K, 277V INPUT, 5.5" MAGNETIC MOUNTING PLATE

EOS LED MODULES

GOGREEN

- Voltage: 120v or 277v modules
- Total Watts: 23
- Lumens: 1850 lumens (Equal to Four 13w CFL lamps)
- Lumens Per Watt: 80
- High power factor >0.98
- CCT: 3000K (optional 4000K available @ 1900 lumens)
- CRI: 80
- Estimated Life: 50,000 hours (L70)
- Cool Beam, No UV or IR
- Dimmable down to 4% with most triac or electronic dimmers
- On board line surge protection
- 5 Year Limited Warranty
- Remote Phosphor LED technology
- Integrated LED Driver on board (120v input only)
- Polycarbonate protective optical lens
- Multiple mounting options with custom mounting plates for any size fixture

LED Module Compliance & Certification
- Energy Star CSD (Certified Lighting Subcomponent Database)
- UL8750 Recognized Component
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- LM79: No (LM79 does not apply to COB technology)
- FCC Compliance Class B

5.50"
5.50"

RFL-M1-23-R-30-120-55A

Driver On Board

RoHS compliant

Magnetic Mounting Studs

RFL-M1-23-R-30-277-55AM

CATALOG NO.	DESCRIPTION
120v Input	
RFL-M1-23-R-30-120	23W RETROFIT LED MODULE, 1850 LUMEN, 3000K, 120V INPUT
RFL-M1-23-R-40-120	23W RETROFIT LED MODULE, 1900 LUMEN, 4000K, 120V INPUT
RFL-M1-23-R-30-120-55A*	23W RETROFIT LED MODULE, 1850 LUMEN, 3000K, 120V INPUT, 5.5" X 5.5" MOUNTING PLATE
RFL-M1-23-R-40-120-55A*	23W RETROFIT LED MODULE, 1900 LUMEN, 4000K, 120V INPUT, 5.5" X 5.5" MOUNTING PLATE
* Consult Factory for custom sized back plate part number	
RFL-M1-23-R-30-120-55AM	23W RETROFIT LED MODULE, 1850 LUMEN, 3000K, 120V INPUT, 5.5" MAGNETIC MOUNTING PLATE
RFL-M1-23-R-40-120-55AM	23W RETROFIT LED MODULE, 1900 LUMEN, 4000K, 120V INPUT, 5.5" MAGNETIC MOUNTING PLATE

Lifetime Cost: LED vs Standard Light Bulb

Save 80% on energy and 50% on total lifetime cost with Focus LED systems. Plus additional savings on installation time, maintenance & setup charges

SYSTEM COMPONENTS	STANDARD LANDSCAPE LIGHTING SYSTEM	FOCUS LED SYSTEM
FIXTURES	$1,000.00	$2,000.00
TRANSFORMERS & CABLE	$1,375.00	$750.00
REPLACEMENT BULBS & SERVICE CHARGES	$2,000.00	$0.00
ELECTRICITY	$2,880.00	$576.00

80% Energy Savings!

TOTAL	**$7,255.00**	**$3,326.00**
		54% Total Savings!

System costs based on average landscape of 2,000 square foot home illuminated with 600 watts of incandescent/halogen lighting. Electricity costs based on 40,000 hours at $0.12 per kilowatt hour (national average). **The sooner you convert to LED, the sooner you will realize increased savings.**
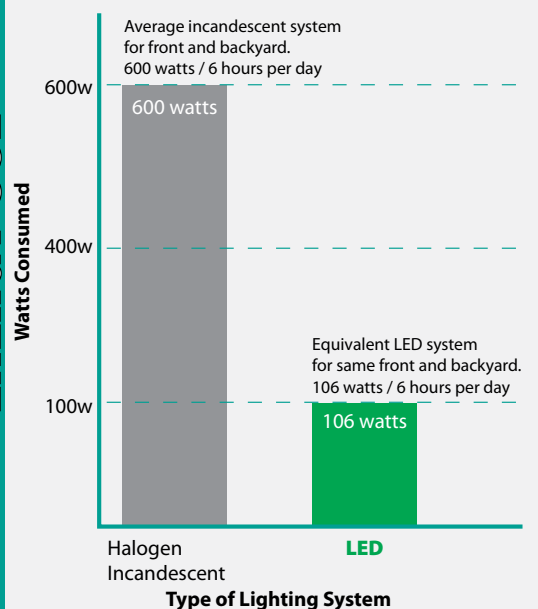
COST OF ELECTRICITY

THE AVERAGE COST OF ELECTRICITY ROSE 33% BETWEEN 2002 AND 2012 AND CONTINUES TO RISE

COST PER KILOWATT HOUR - US NATIONAL AVERAGE

- 12.7¢
- 12¢
- 10¢
- 8¢
- 8¢
- 2002
- 2012
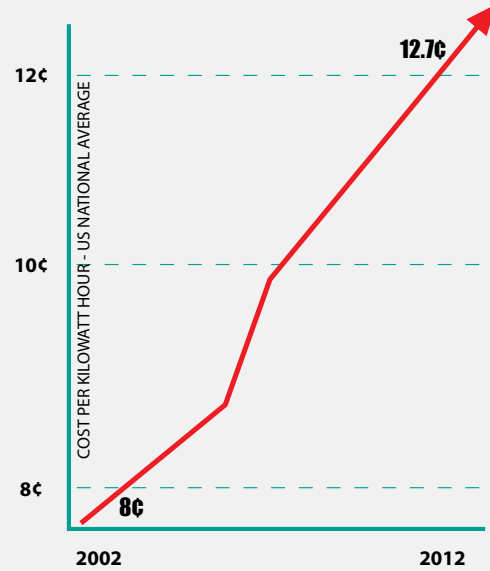
PERFORMANCE COMPARISONS

ENERGY USE

FOCUS LED SYSTEM CONSUMES ABOUT 80% LESS ELECTRICITY THAN INCANDESCENT HALOGEN SYSTEM WITH SIMILAR LIGHT OUTPUT

Average incandescent system for front and backyard. 600 watts / 6 hours per day

600 watts

Equivalent LED system for same front and backyard. 106 watts / 6 hours per day

106 watts

Watts Consumed — 600w, 400w, 100w

Halogen Incandescent — LED

Type of Lighting System

22+ YEARS OF HIGH LUMEN OUTPUT

Based on 6 hours per night usage
Focus ARROW MR16 LED is rated for 50,000 hours L7
(L7 is the time, in hours, for LEDs to reach 70% of the initial lumen output)

All LED's depreciate in lumen output over time. Focus ARROW LED's minimize this degradation by using only the highest grade LED chips and superior thermal management.
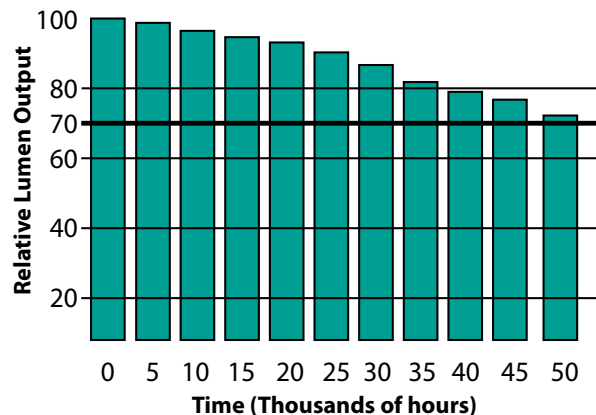*Based on 6 hours per night usage*
4.5% degradation after 2.3 years (5,000 hours of usage)
6.0% degradation after 4.6 years (10,000 hours of usage)
9.0% degradation after 11.5 years (25,000 hours of usage)
Less than 30% degradation after 22.8 years (50,000 hours of usage)

Relative Lumen Output

Time (Thousands of hours)

Degradation calculations based on 6 hours per night usage under normal operating conditions

LED OPTIONS

Multi-Fixture LED Power Supply

HW-12-60-LED
Drives Multiple LED Retrofits
And Modules!

Fits in these Focus Canopies & Junction Boxes

HW-12-60LED & FA-111

HW-12-60LED & CFA-111

HW-12-60LED & FA-24LG-CST

HW-12-60LED & FA-22

Output Power:	60w (no minimum load)
Input Voltage:	120v-50/60Hz 0.6A
Output Voltage:	12v AC
Case:	Aluminum
Dimensions:	2.25" (w) x 1.25" (h) x .75" (d)
Warranty:	3 years (12 hours per day max)

Not for use with flat panel LEDS

LED Drivers For Multiple Panel Use

HW-12-20MVLED
Mult Volt Input (90v-277v) To Power Multiple
LED Panels

1x HW-12-20MVLED driver powers any one of these 4w panel configurations

FOCUS LED PANELS ARE UL 8750 LISTED

1x HW-12-20MVLED driver powers any one of these 5w panel configurations

1x HW-12-20MVLED driver powers two 8w panels

Output Power:	20w (no minimum load)
Input Voltage:	90v-277v
Output Voltage:	12v AC / 0-1.6A
Case:	Aluminum
Dimensions:	6" (w) x 1.5" (h) x .71" (d)
Warranty:	3 years (12 hours per day max)

MODEL		HOURS
OMNI-3	5 YEARS	50,000
OMNI-3-Bi-Pin	5 YEARS	50,000
ARROW MR16	10 YEARS	50,000
ARROW MR16 | 6w	5 YEARS	50,000
ARROW MR16 SAVER	5 YEARS	40,000
ARROW MR11	5 YEARS	50,000
ARROW MR8	3 YEARS	25,000
ARROW AR111	5 YEARS	50,000
ARROW PAR 36	5 YEARS	50,000
ARROW PAR 20/30/38	5 YEARS	50,000
LED FLAT PANEL	5 YEARS	50,000
LED MODULE	5 YEARS	50,000
LED STRIP	5 YEARS	40,000

*Limited warranty on LED components

go green
led solutions

LIMITED WARRANTY

All aluminum and composite fixtures manufactured by FOCUS INDUSTRIES are warranted to be free from defects in workmanship and materials, as manufactured for a period of three (3) full years. Brass, copper or stainless steel fixtures carry a limited lifetime warranty for finishes/cosmetic defects.

Electrical/mechanical components carry a three (3) year warranty. All direct burial transformers manufactured by FOCUS INDUSTRIES are warranted to be free from defects in workmanship and materials, as manufactured, for a period of three (3) full years. MST, MLT, RXT and HV Series stainless steel transformers carry a limited lifetime warranty on enclosure and ten (10) year warranty on electrical components, excluding all time clocks. Weatherproof transformers five (5) years; all transformers with integral timers, three (3) years; and hardwire and plug-in transformers one (1) year from the date of FOCUS INDUSTRIES invoice. Light bulbs and ballasts are covered by manufacturers trade warranty. Our warranty covers only replacement or repair at our factory or authorized repair facility of the defective part(s), to the original purchaser and excludes any responsibility for labor or freight expense incurred by the purchaser or others, for servicing any such claim during the warranty period. FOCUS INDUSTRIES reserves the right to issue credit, repair or replace defective merchandise at our option, upon receipt of written notification by the purchaser of the alleged defect, within the warranty period. FOCUS INDUSTRIES further reserves the right to examination of the alleged defective product, or other proof, satisfactory to FOCUS INDUSTRIES, of the defect. This warranty is in lieu of all other warranties, expressed or implied. FOCUS INDUSTRIES further reserves the right to refuse to honor the above warranty for consequential damages. FOCUS INDUSTRIES further reserves the right to refuse to honor the above warranty for any product(s) altered, improperly installed, or installed in applications for which they are not intended.

DL-15SM-LEDP-CPR
4w, 50,000 hour Flat Panel LED
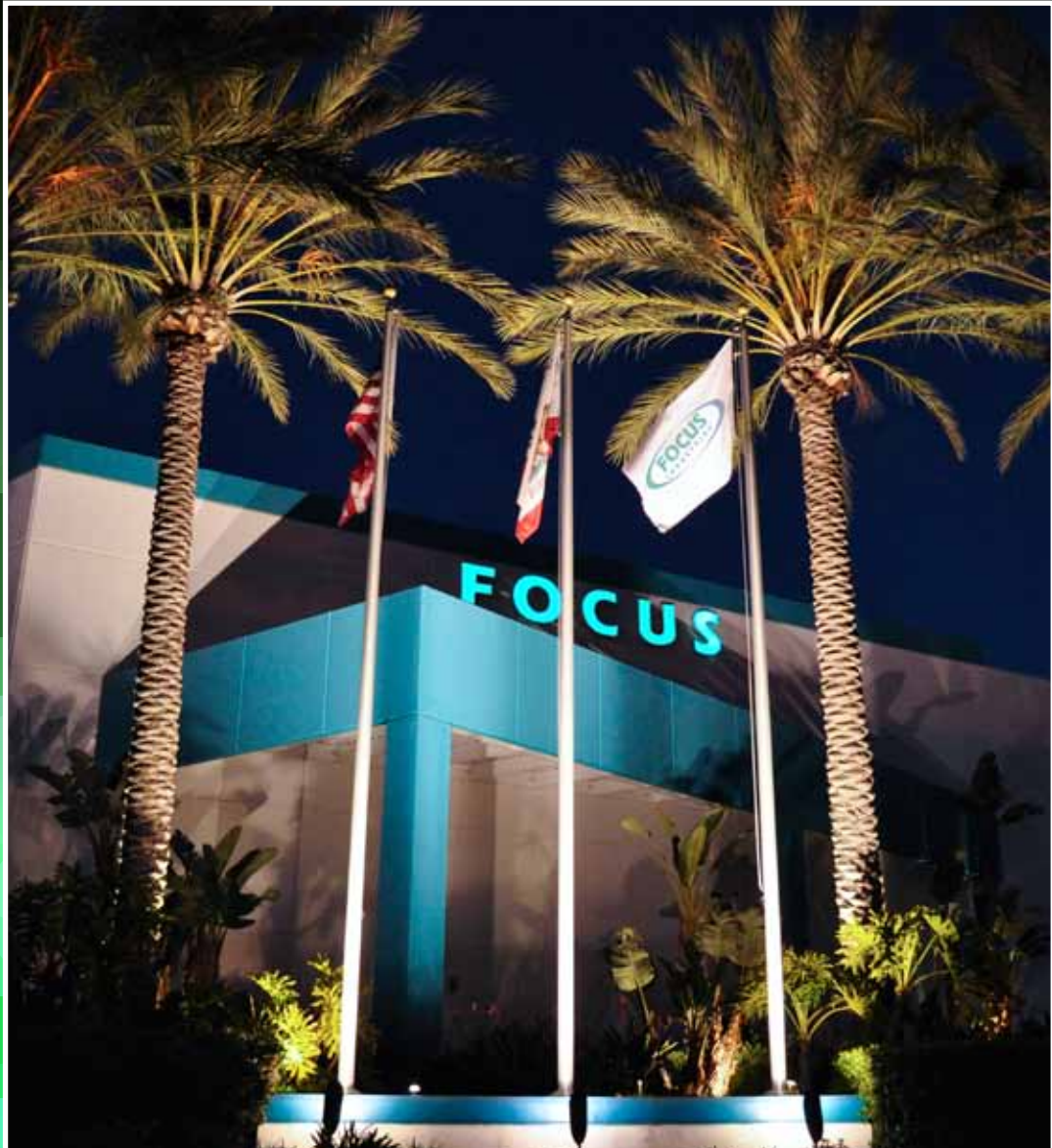
AL-15-LEDP-BAR
4w, 50,000 hour Flat Panel LED
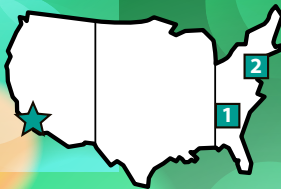
DL-42-LEDM7-BRS
7w, 50,000 hour LED Module

☆ **FOCUS INDUSTRIES®, INC.**

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