

Report No.:

Test Time: 2018-08-27 14:27

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR16-7W-27K-36D Voltage: 12.0 V

Current: 0.656 A

Power: 6.30 W

Power Factor: 0.803

Photometric Results

CIE Class: Direct

Measurement Flux: 623.9 lm

Downward Ratio: 99%

Total Rated Lamp Lumens: 623.9 lm

Efficiency: 100%

Upward Ratio: 1%

Horizontal Diffuse Angle(10%,25%,50%,75%): H84,H68.3,H50.5,H33.6

Vertical Diffuse Angle(10%,25%,50%,75%): V80.3,V65.3,V49.2,V32.3

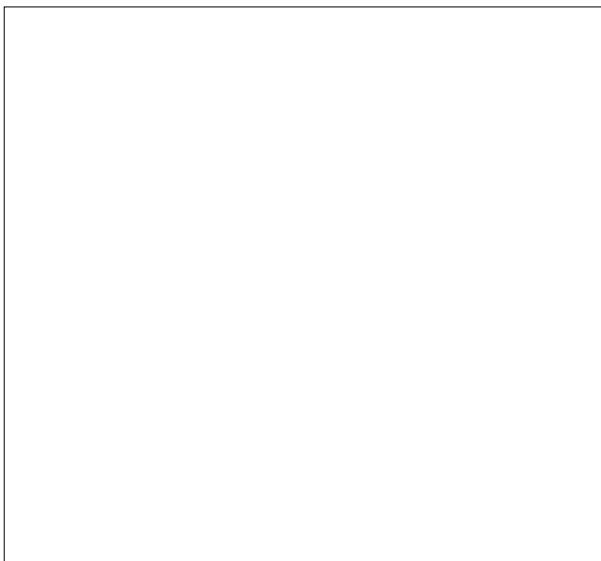
Luminaire Efficacy Rating (LER): 99

Central Intensity: 821.04 cd

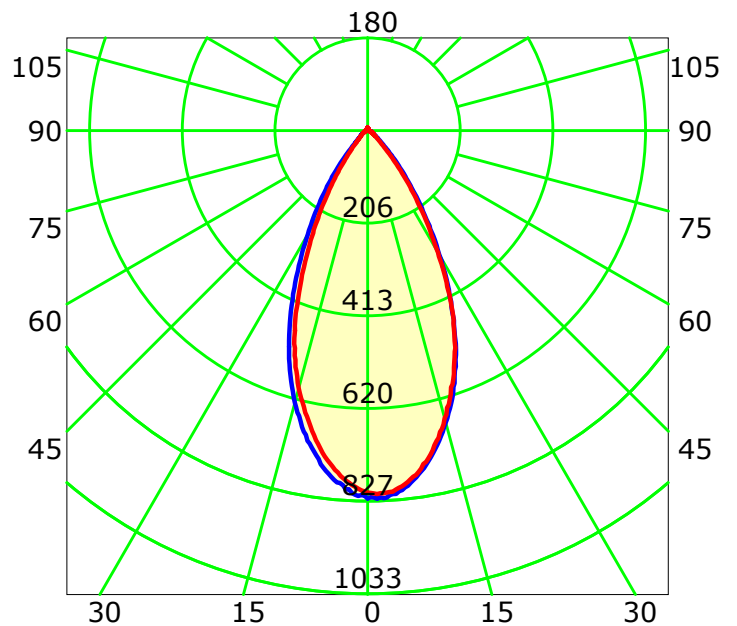
Max. Intensity: 822 cd

Pos of Max. Intensity: H0 V1.5

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

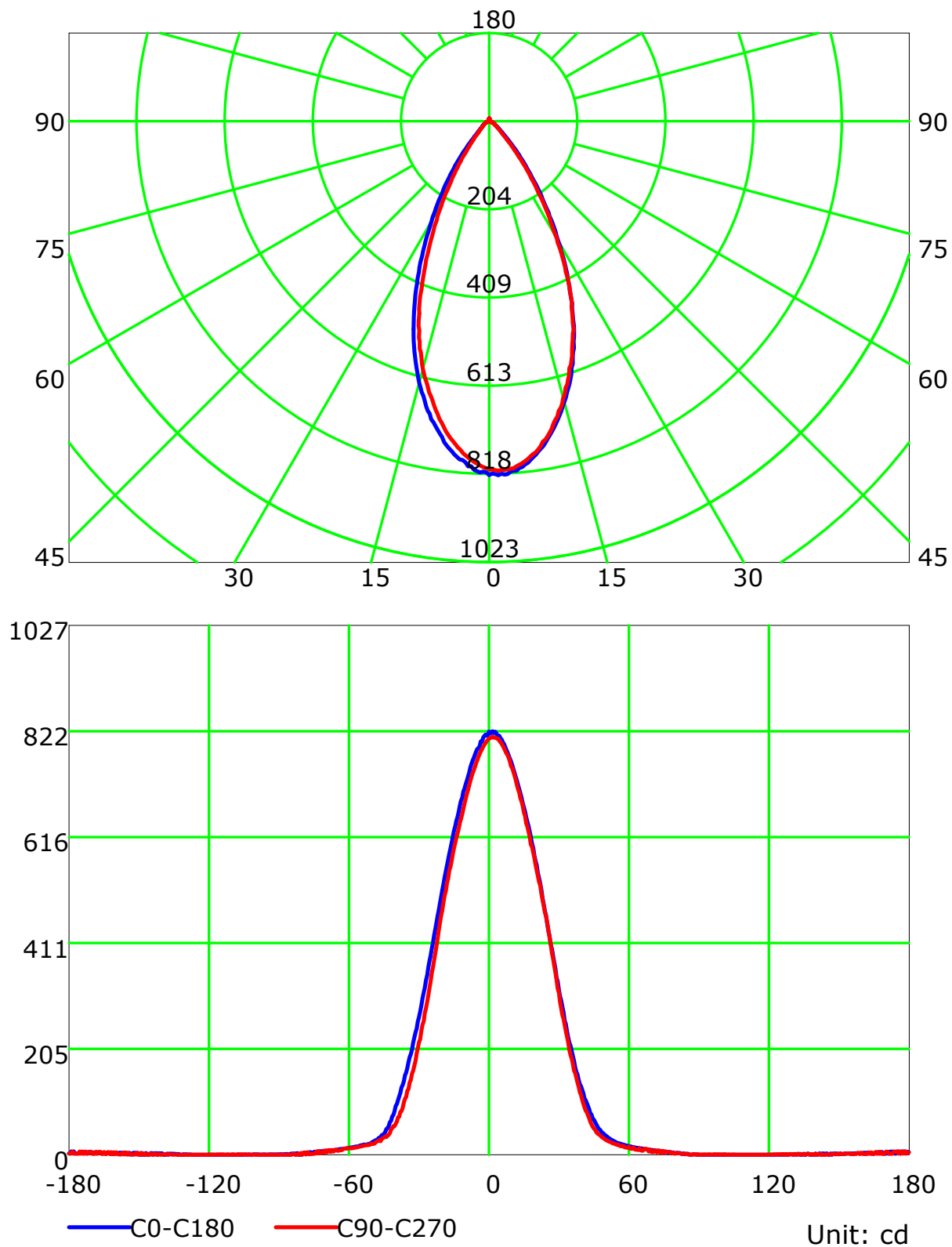
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

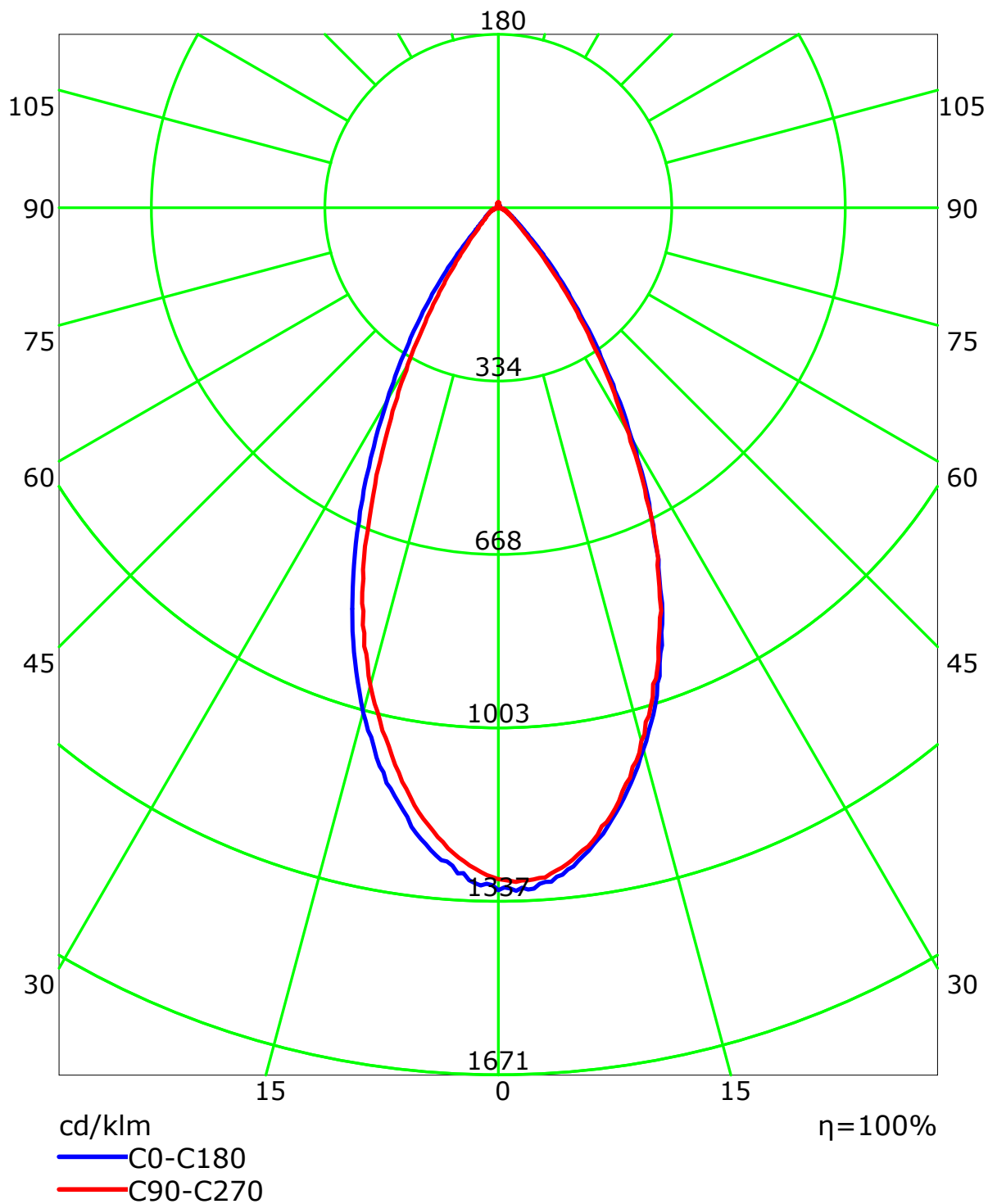
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



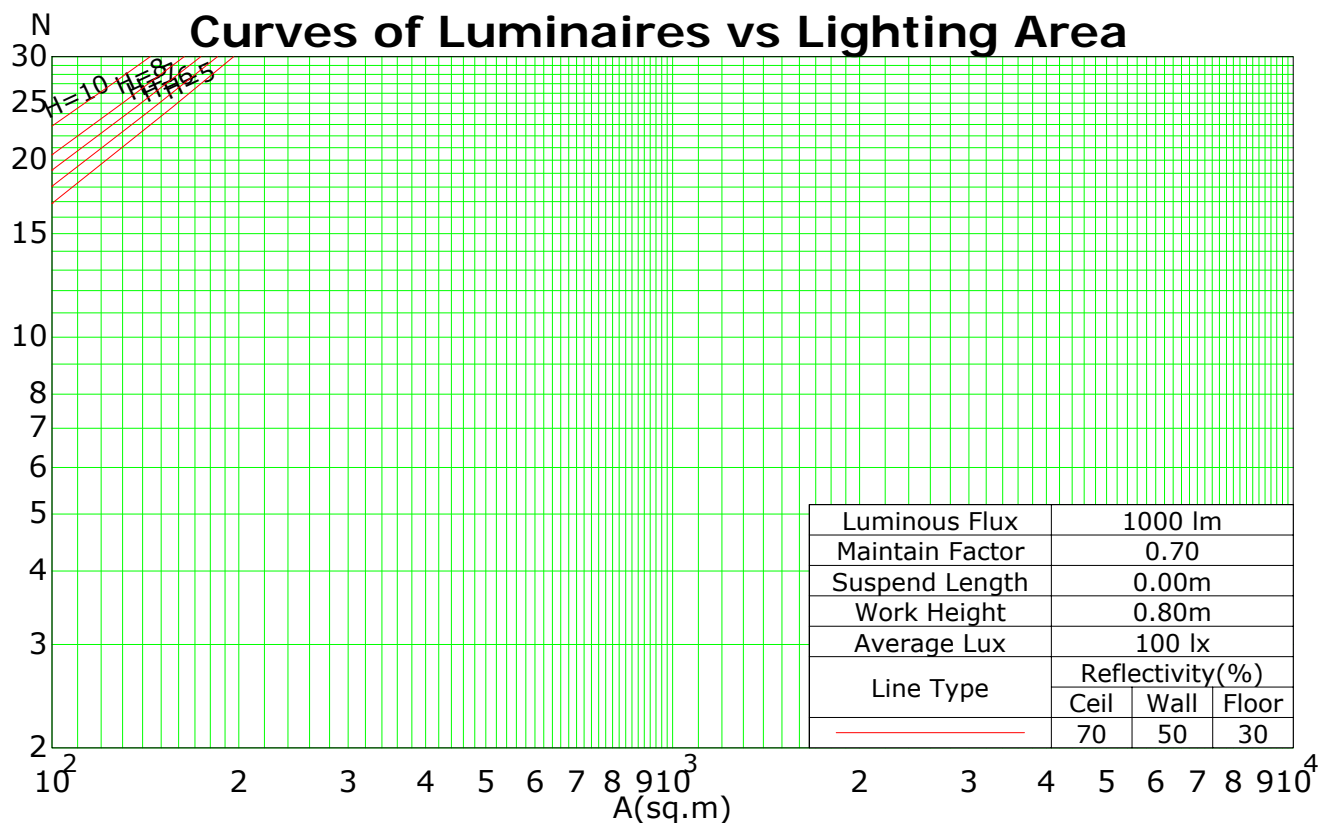
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	113	110	107	105	110	108	106	103	104	102	100	100	98	97	96	95	94	92
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85
3	101	95	90	86	99	93	89	85	91	87	83	88	85	82	86	83	81	79
4	96	88	83	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	76	73	70	68
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64
7	82	73	67	63	81	72	67	62	71	66	62	70	65	62	69	64	61	60
8	79	69	63	59	77	68	63	59	67	62	58	66	61	58	65	61	58	56
9	75	65	59	55	74	65	59	55	64	58	55	63	58	55	62	57	54	53
10	71	62	56	52	70	61	56	52	60	55	52	60	55	52	59	54	51	50

Spacing Criteria (0-180): 0.78
Spacing Criteria (90-270): 0.77
Spacing Criteria (Diagonal): 0.78



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

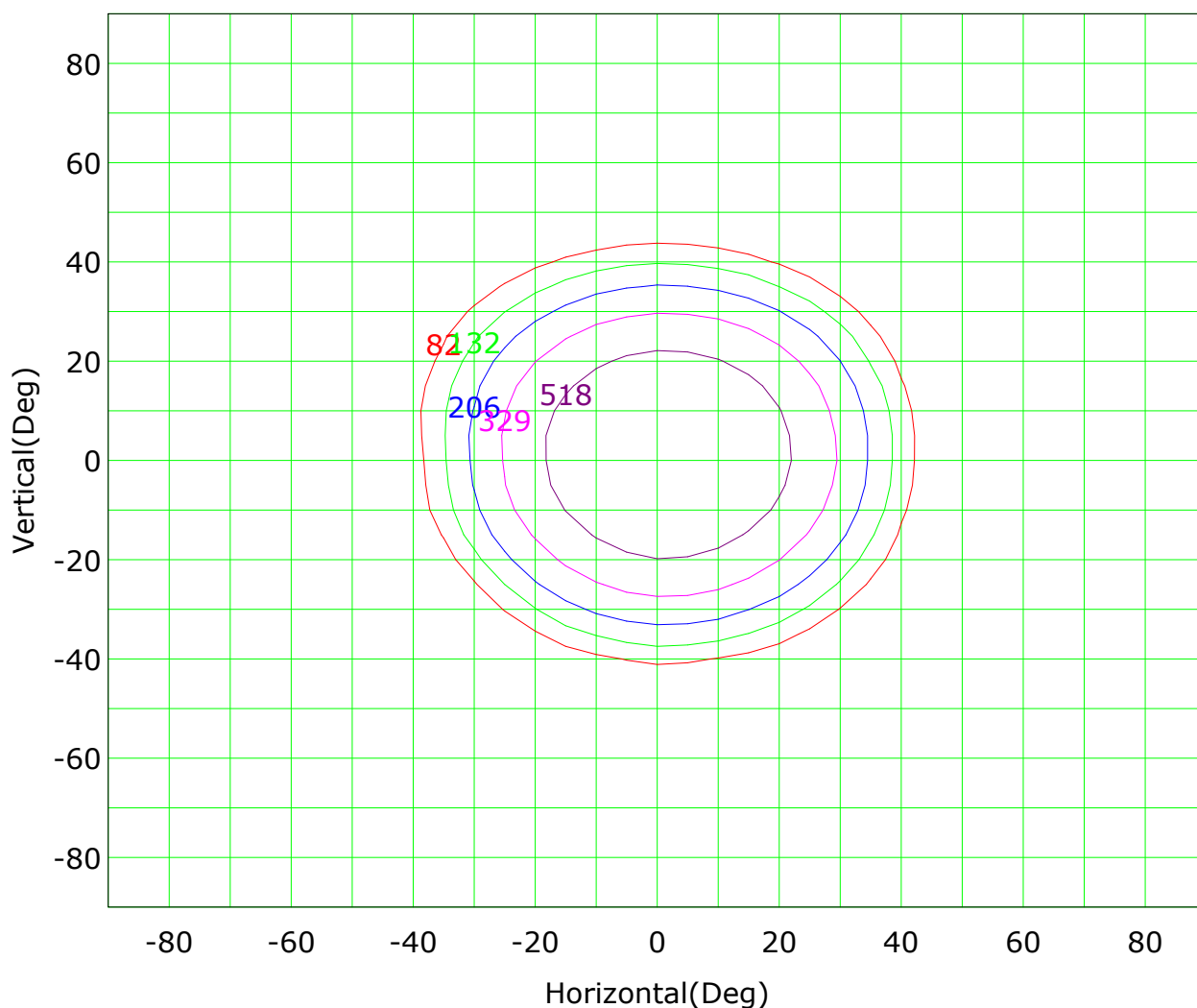
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Isocandela (rectangle)



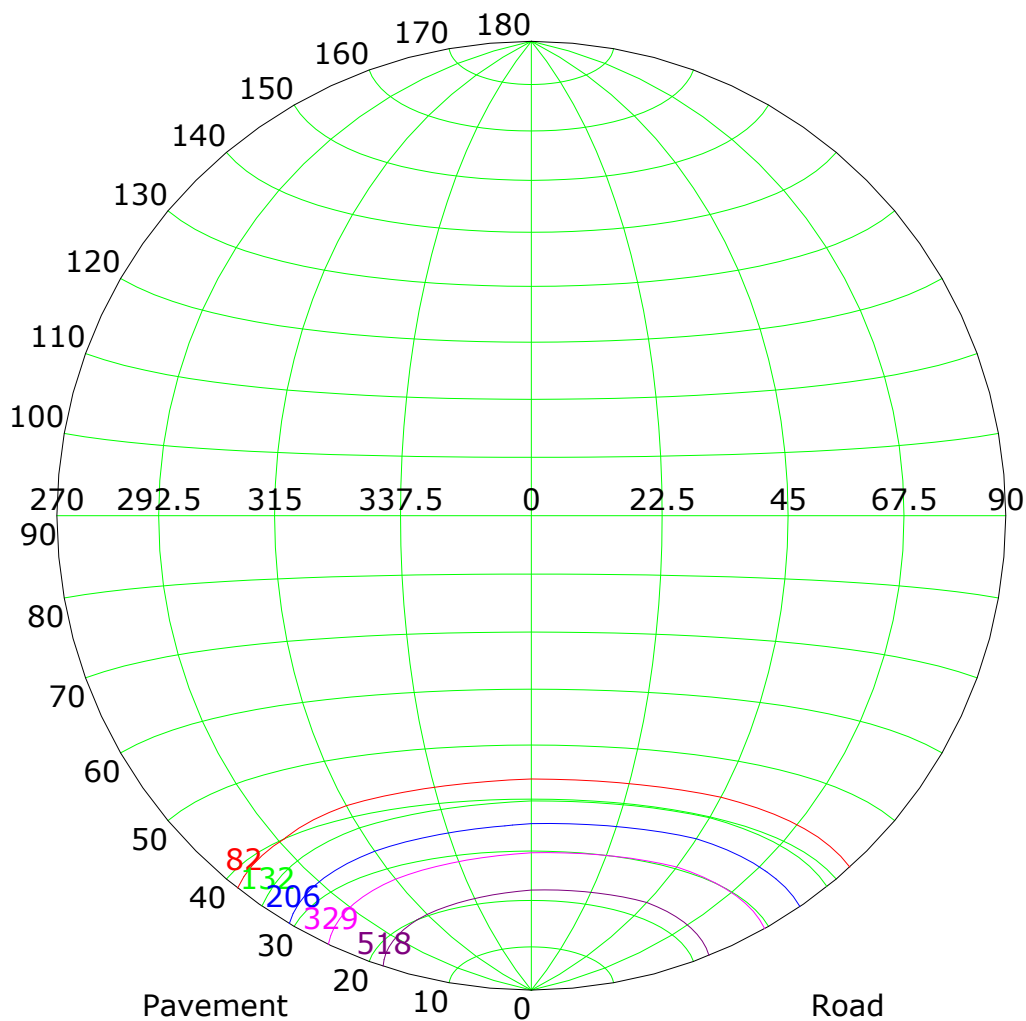
Imax (100%): 822 cd

(10%):	82 cd	(16%):	132 cd
(25%):	206 cd	(40%):	329 cd
(63%):	518 cd	(100%):	822 cd

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 822 cd

(10%): 82 cd	(16%): 132 cd
(25%): 206 cd	(40%): 329 cd
(63%): 518 cd	(100%): 822 cd

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

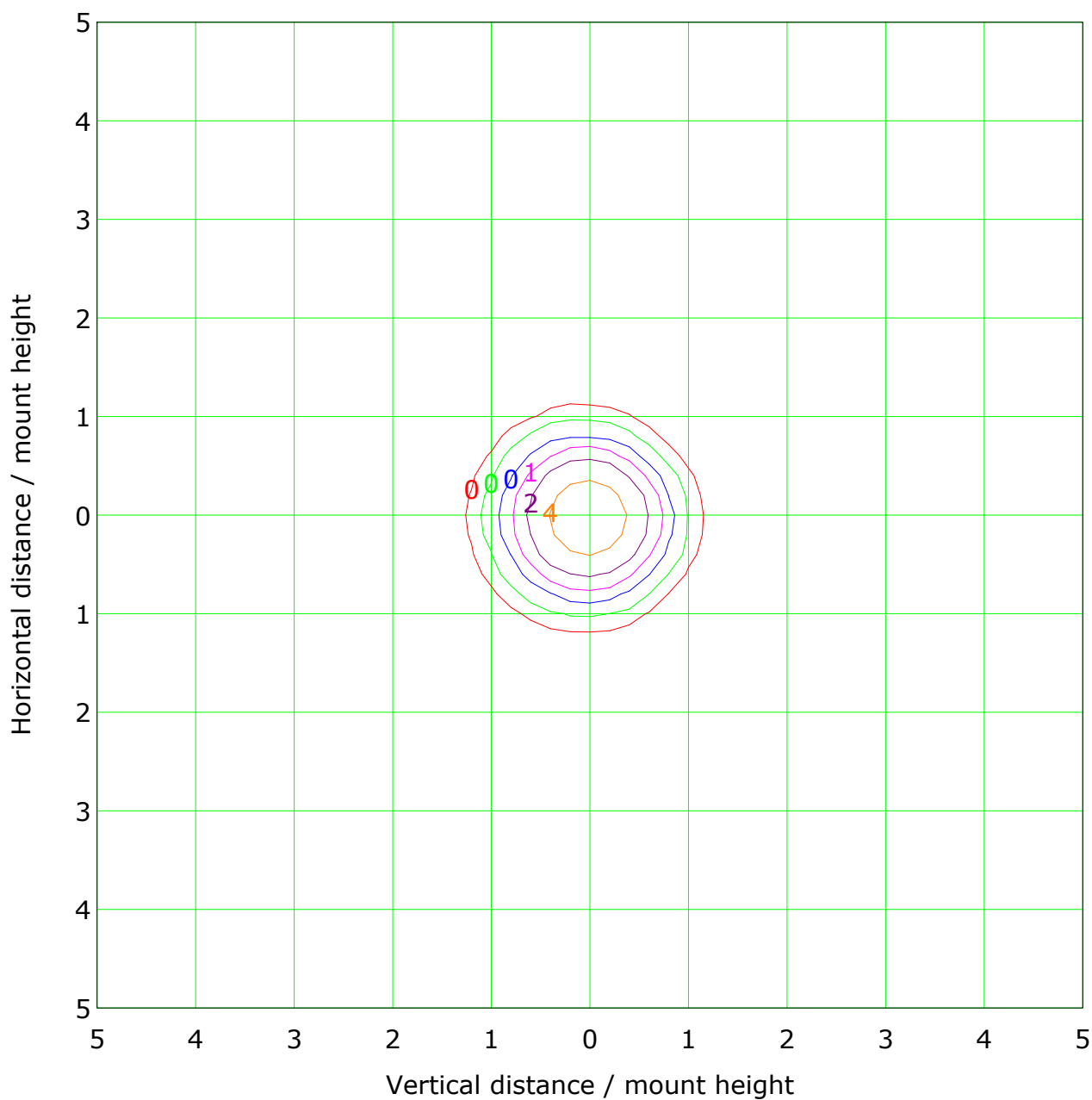
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 8.2 lx

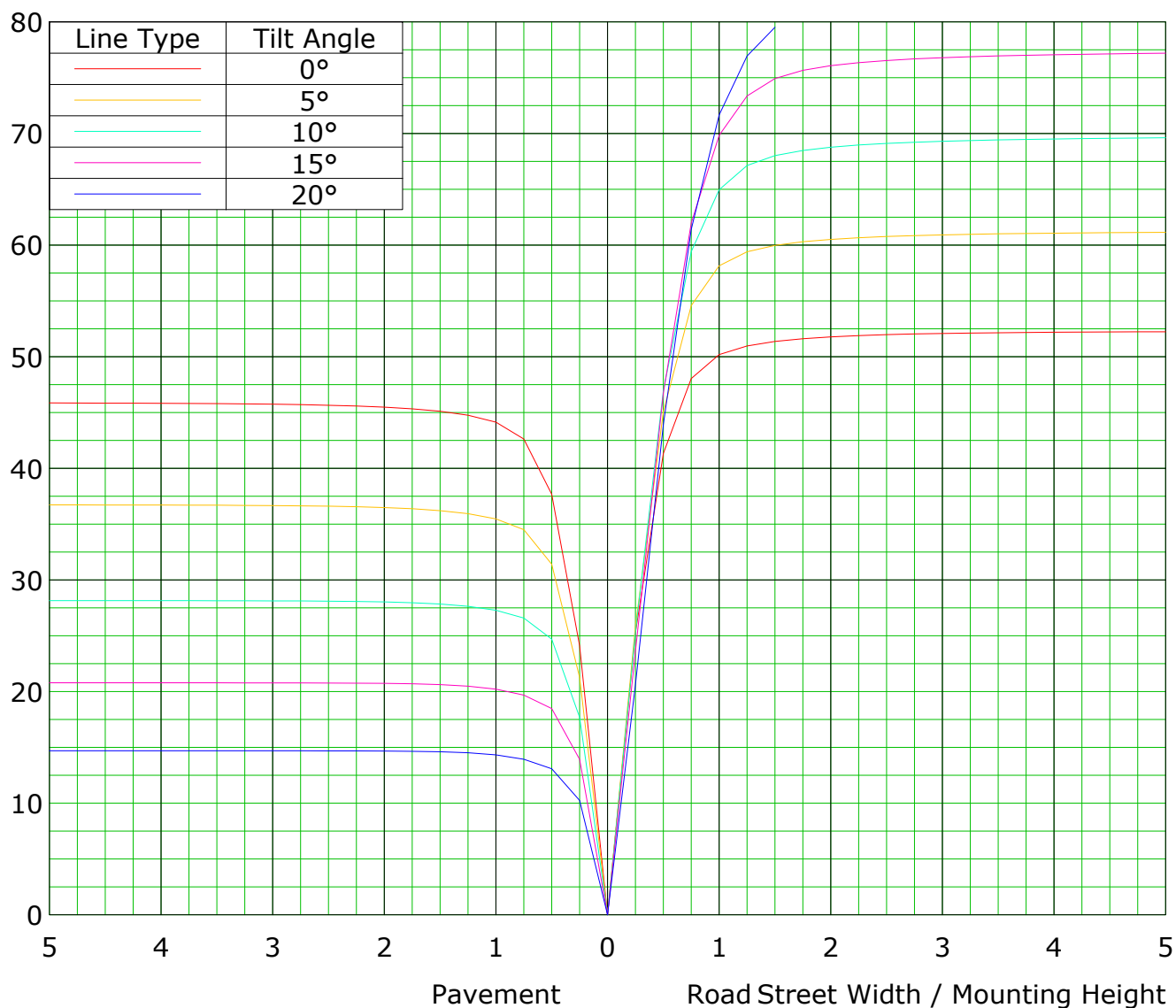
(1%): 0.1 lx	(2%): 0.2 lx
(5%): 0.4 lx	(10%): 0.8 lx
(20%): 1.6 lx	(50%): 4.1 lx
(100%): 8.2 lx	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

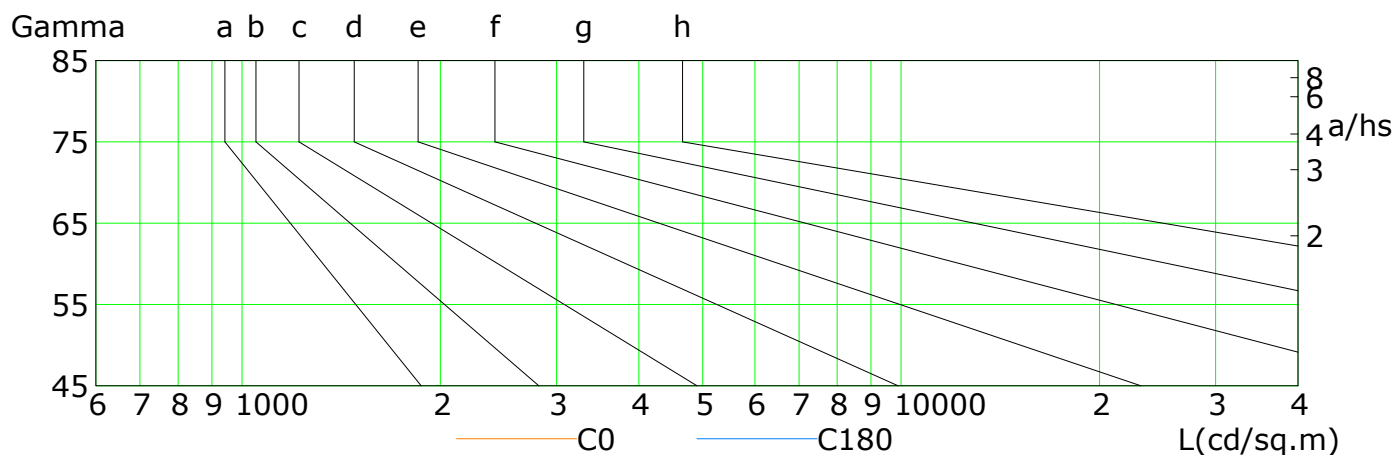
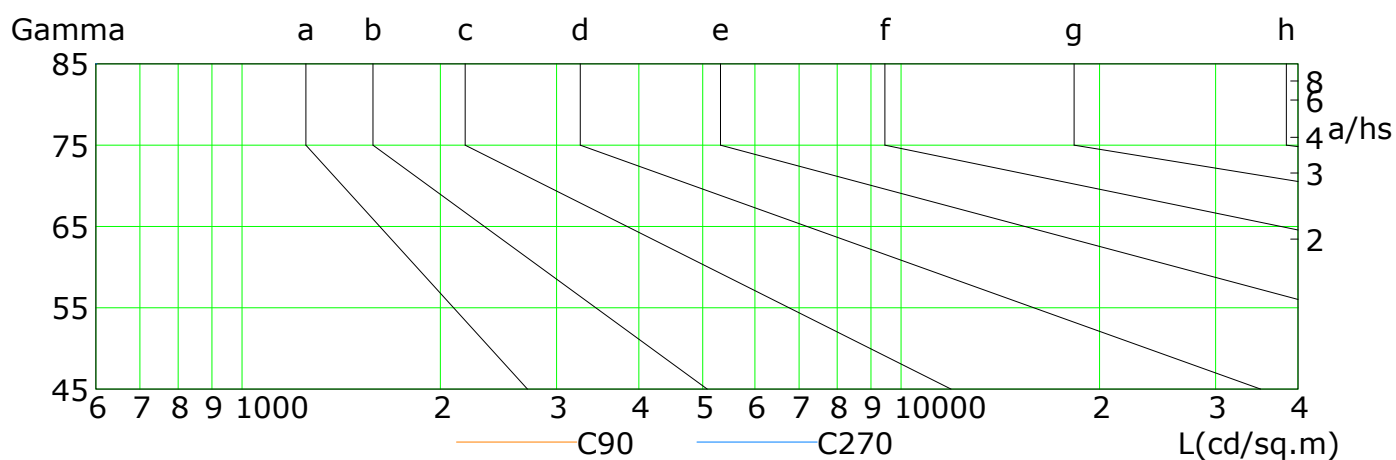
Humidity:

Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	68	38	23	17	13	9	7	3	2
C90	51	29	19	16	9	6	3	2	1
C180	41	25	18	13	10	8	6	1	2
C270	34	21	16	13	8	8	2	0	0

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

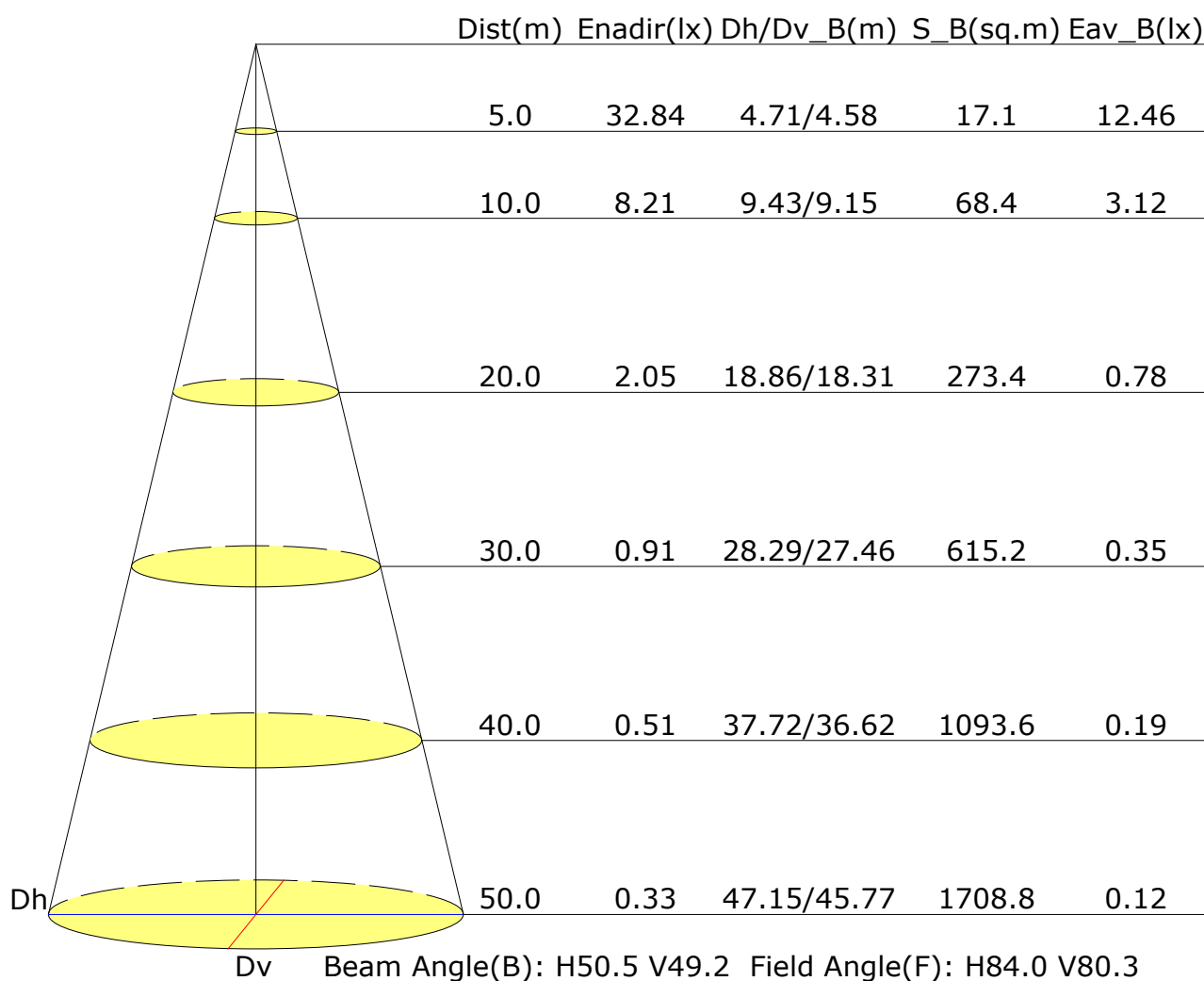
Test Device: GPM-1600

Distance: 8.177 m

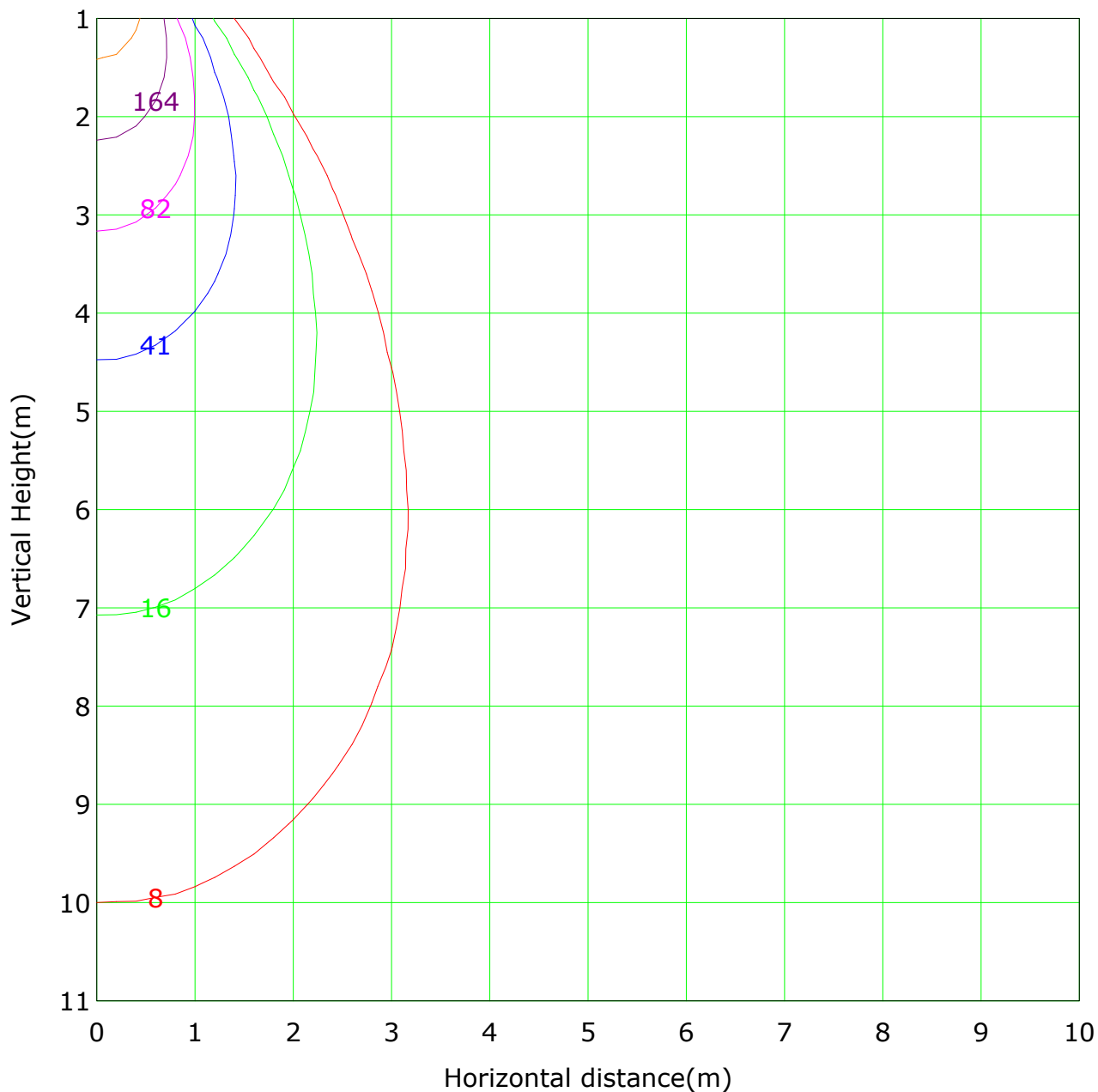
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 821.0 lx

(1%): 8.2 lx	(2%): 16.4 lx
(5%): 41.1 lx	(10%): 82.1 lx
(20%): 164.2 lx	(50%): 410.5 lx
(100%): 821.0 lx	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Area Flux Table

Unit: lx

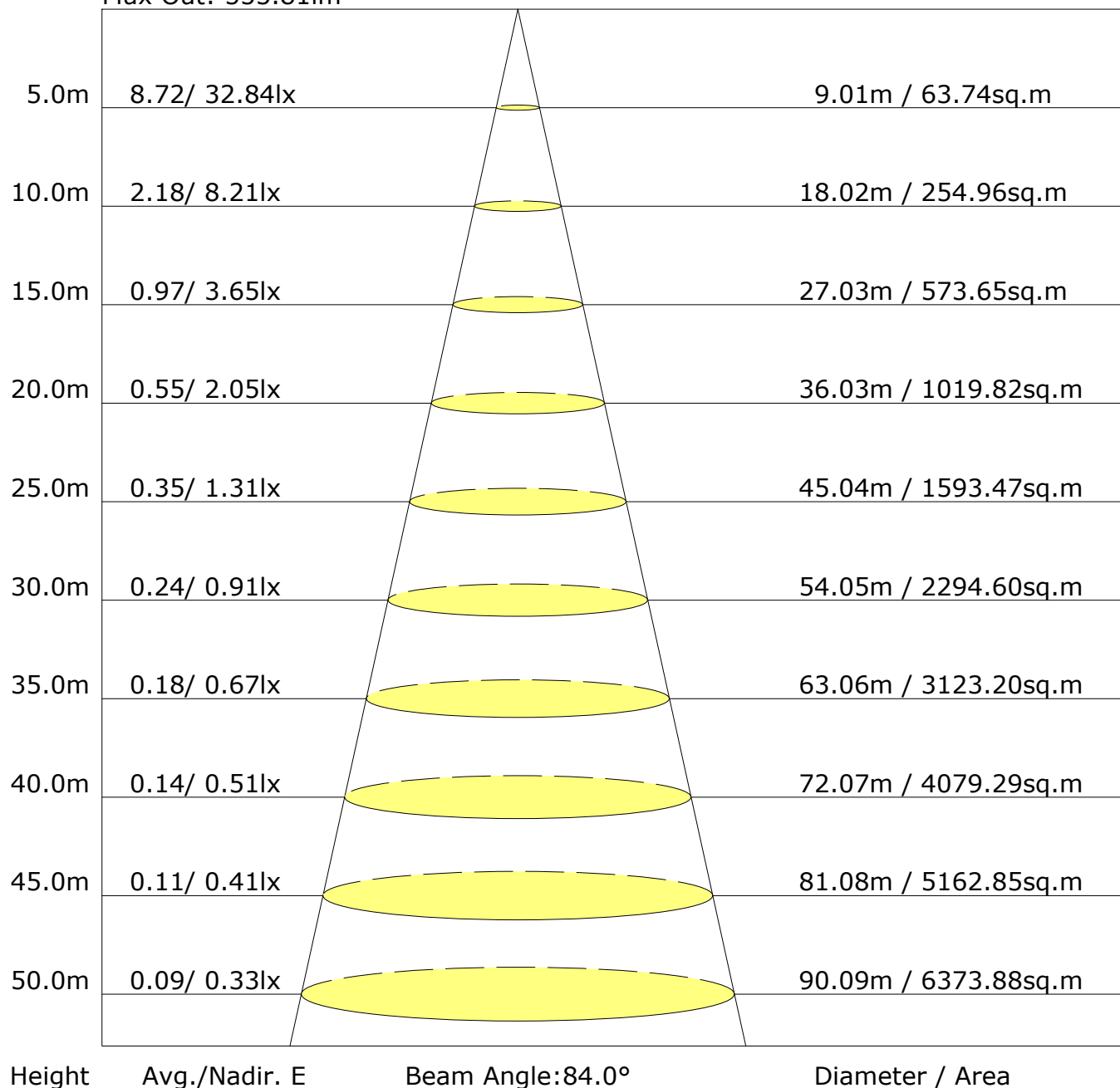
Vertical plane	Horizontal plane																		
	90.0	80.0	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	-10.0	-20.0	-30.0	-40.0	-50.0	-60.0	-70.0	-80.0	-90.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ΦT	0.2	1.1	2.4	4.2	7.6	20.4	50.2	87.6	115.0	119.3	98.6	63.8	29.2	10.1	4.7	2.7	1.4	0.4	619
ΦE	0.0	0.0	0.0	0.0	0.0	12.7	46.0	84.3	112.1	116.5	95.5	60.0	23.7	1.2	0.0	0.0	0.0	0.0	552

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

The Average Illuminance Effective Figure

Flux Out: 555.81lm



C Plane (°): 0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°): 0.0-180.0: 0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

UGR Table

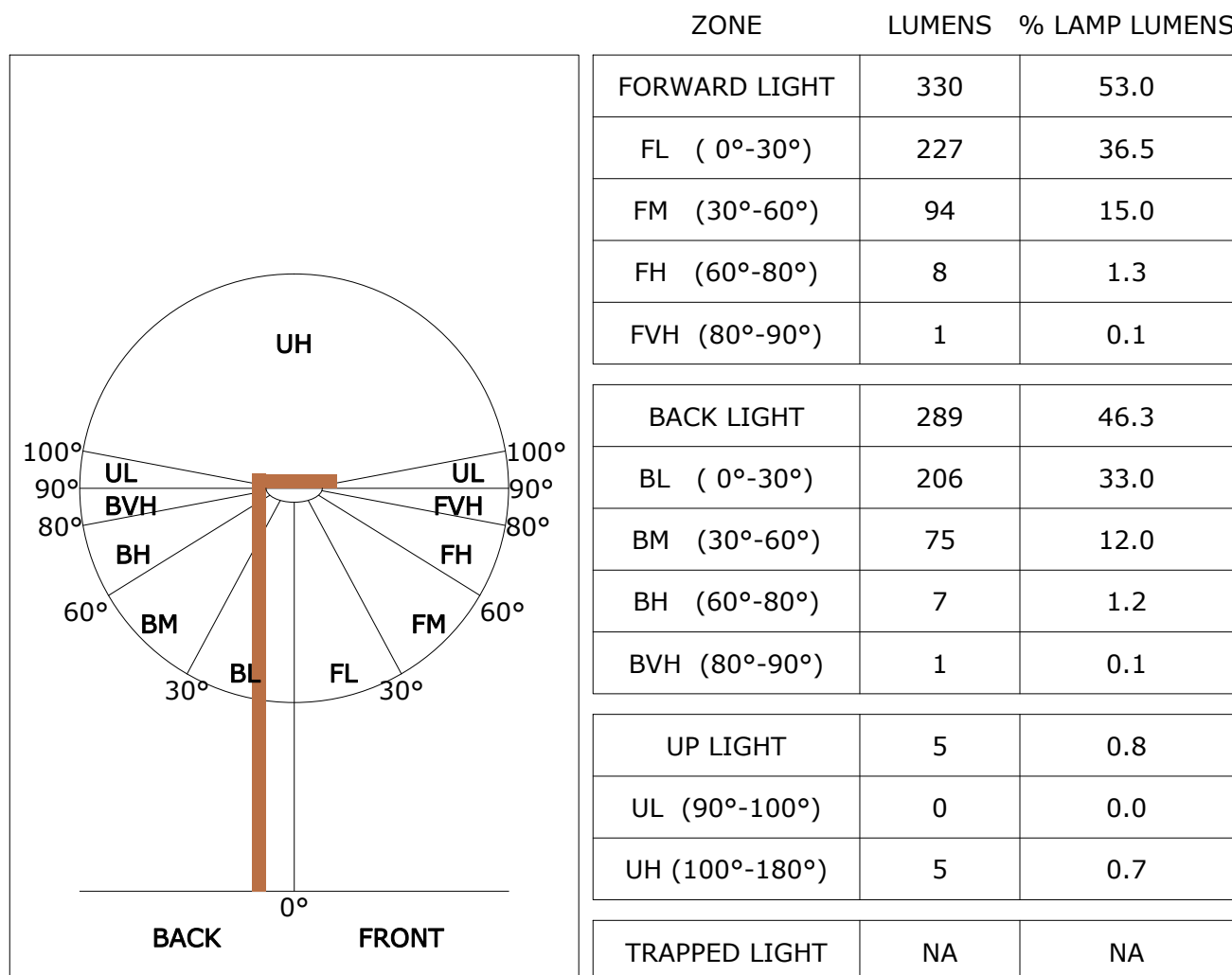
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
X=4H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
X=8H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
X=12H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U1 G0

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

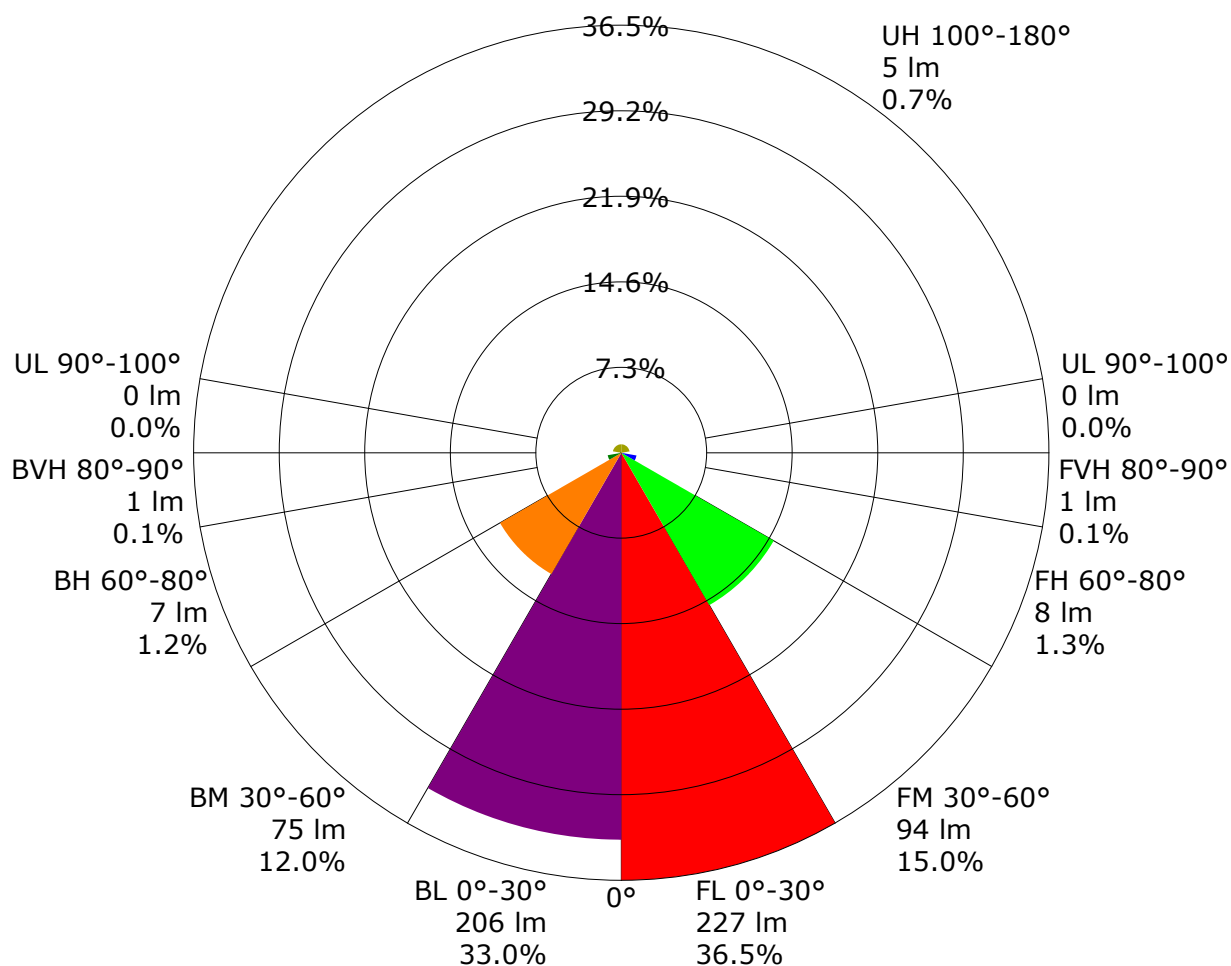
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

LCS Graph



Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

Back Light

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.81	0.88	0.93	0.96	1.01	1.04	1.06	1.08	1.10	
	0.30		0.76	0.83	0.88	0.92	0.97	1.00	1.03	1.06	1.08	
	0.20		0.72	0.79	0.85	0.89	0.94	0.97	1.00	1.04	1.06	
0.50	0.50	0.20	0.79	0.86	0.91	0.94	0.98	1.00	1.02	1.04	1.06	
	0.30		0.75	0.82	0.87	0.90	0.95	0.98	1.00	1.02	1.04	
	0.20		0.72	0.79	0.84	0.87	0.92	0.95	0.97	1.01	1.02	
0.30	0.50	0.20	0.78	0.84	0.88	0.91	0.95	0.97	0.99	1.01	1.02	
	0.30		0.74	0.81	0.85	0.88	0.92	0.95	0.97	0.99	1.01	
	0.20		0.71	0.78	0.83	0.86	0.90	0.93	0.95	0.98	0.99	
0.00	0.00	0.00	0.69	0.76	0.80	0.83	0.87	0.89	0.91	0.93	0.94	
<p>Rating:6W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.64	0.52	0.43	0.37	0.29	0.24	0.21	0.16	0.13	
	0.30		0.54	0.44	0.38	0.33	0.27	0.22	0.19	0.15	0.12	
	0.20		0.46	0.39	0.33	0.30	0.24	0.20	0.18	0.14	0.12	
0.50	0.50	0.20	0.61	0.49	0.41	0.35	0.27	0.26	0.19	0.15	0.12	
	0.30		0.52	0.42	0.36	0.31	0.25	0.21	0.18	0.14	0.11	
	0.20		0.45	0.37	0.32	0.28	0.23	0.19	0.17	0.13	0.11	
0.30	0.50	0.20	0.59	0.46	0.38	0.33	0.25	0.21	0.18	0.13	0.11	
	0.30		0.50	0.41	0.34	0.30	0.24	0.19	0.17	0.13	0.11	
	0.20		0.44	0.36	0.31	0.27	0.22	0.18	0.16	0.12	0.10	
0.00	0.00	0.00	0.31	0.24	0.20	0.17	0.13	0.11	0.09	0.07	0.06	
<p>Rating:6W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22	
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.08	0.10	0.11	0.14	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	
	0.30		0.10	0.11	0.13	0.14	0.15	0.17	0.17	0.19	0.19	
	0.20		0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
0.30	0.50	0.20	0.13	0.15	0.16	0.16	0.17	0.18	0.19	0.19	0.20	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.08	0.10	0.11	0.13	0.14	0.15	0.17	0.18	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
<p>Rating:6W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-0.5	810.4	0.2	0.2	0.03	0.03
0.5-1.0	809.4	0.6	0.8	0.09	0.12
1.0-1.5	809.4	1.0	1.7	0.16	0.28
1.5-2.0	808.0	1.4	3.1	0.22	0.50
2.0-2.5	805.5	1.7	4.8	0.28	0.77
2.5-3.0	803.2	2.1	6.9	0.34	1.11
3.0-3.5	800.8	2.5	9.4	0.40	1.51
3.5-4.0	797.4	2.9	12.3	0.46	1.97
4.0-4.5	793.7	3.2	15.5	0.52	2.49
4.5-5.0	790.0	3.6	19.1	0.57	3.06
5.0-5.5	785.7	3.9	23.0	0.63	3.69
5.5-6.0	781.4	4.3	27.3	0.69	4.38
6.0-6.5	775.6	4.6	32.0	0.74	5.12
6.5-7.0	769.9	5.0	36.9	0.80	5.92
7.0-7.5	764.4	5.3	42.2	0.85	6.77
7.5-8.0	758.2	5.6	47.8	0.90	7.67
8.0-8.5	751.4	5.9	53.7	0.95	8.61
8.5-9.0	744.1	6.2	59.9	0.99	9.61
9.0-9.5	737.0	6.5	66.4	1.04	10.65
9.5-10.0	729.7	6.8	73.2	1.09	11.74
10.0-10.5	722.1	7.0	80.3	1.13	12.86
10.5-11.0	714.1	7.3	87.6	1.17	14.04
11.0-11.5	705.7	7.5	95.1	1.21	15.25
11.5-12.0	697.1	7.8	102.9	1.25	16.49
12.0-12.5	688.4	8.0	110.9	1.28	17.78
12.5-13.0	680.0	8.2	119.1	1.32	19.10
13.0-13.5	670.6	8.4	127.6	1.35	20.45
13.5-14.0	661.4	8.6	136.2	1.38	21.83
14.0-14.5	652.7	8.8	145.0	1.41	23.24
14.5-15.0	642.9	9.0	154.0	1.44	24.68
15.0-15.5	632.8	9.1	163.1	1.46	26.14
15.5-16.0	622.6	9.3	172.4	1.49	27.63
16.0-16.5	612.4	9.4	181.8	1.51	29.13
16.5-17.0	602.3	9.5	191.3	1.53	30.66
17.0-17.5	591.5	9.6	200.9	1.54	32.20
17.5-18.0	580.5	9.7	210.6	1.56	33.75

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
18.0-18.5	569.5	9.8	220.4	1.57	35.32
18.5-19.0	558.7	9.8	230.2	1.58	36.90
19.0-19.5	547.6	9.9	240.1	1.59	38.49
19.5-20.0	535.2	9.9	250.0	1.59	40.08
20.0-20.5	523.2	9.9	260.0	1.59	41.67
20.5-21.0	511.0	9.9	269.9	1.59	43.26
21.0-21.5	498.3	9.9	279.8	1.59	44.85
21.5-22.0	486.4	9.9	289.7	1.58	46.43
22.0-22.5	474.0	9.8	299.5	1.58	48.01
22.5-23.0	461.1	9.8	309.3	1.57	49.57
23.0-23.5	448.6	9.7	319.0	1.56	51.13
23.5-24.0	435.6	9.6	328.6	1.54	52.67
24.0-24.5	423.6	9.5	338.2	1.53	54.20
24.5-25.0	411.4	9.4	347.6	1.51	55.72
25.0-25.5	397.7	9.3	356.9	1.49	57.21
25.5-26.0	384.8	9.2	366.1	1.47	58.68
26.0-26.5	372.2	9.0	375.1	1.45	60.12
26.5-27.0	359.6	8.9	384.0	1.42	61.55
27.0-27.5	346.9	8.7	392.7	1.40	62.94
27.5-28.0	334.4	8.5	401.2	1.37	64.31
28.0-28.5	322.5	8.4	409.6	1.34	65.65
28.5-29.0	310.0	8.2	417.8	1.31	66.96
29.0-29.5	297.3	8.0	425.7	1.28	68.24
29.5-30.0	285.2	7.8	433.5	1.24	69.48
30.0-30.5	273.3	7.6	441.0	1.21	70.69
30.5-31.0	262.1	7.3	448.4	1.18	71.87
31.0-31.5	250.9	7.1	455.5	1.14	73.01
31.5-32.0	239.7	6.9	462.4	1.11	74.12
32.0-32.5	228.8	6.7	469.1	1.07	75.20
32.5-33.0	218.6	6.5	475.6	1.04	76.23
33.0-33.5	208.4	6.3	481.9	1.00	77.24
33.5-34.0	198.2	6.0	487.9	0.97	78.21
34.0-34.5	187.9	5.8	493.7	0.93	79.14
34.5-35.0	178.6	5.6	499.3	0.89	80.03
35.0-35.5	169.9	5.4	504.7	0.86	80.89
35.5-36.0	161.4	5.2	509.9	0.83	81.72

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-36.5	152.9	5.0	514.8	0.79	82.52
36.5-37.0	143.8	4.7	519.5	0.76	83.27
37.0-37.5	136.0	4.5	524.0	0.72	83.99
37.5-38.0	128.9	4.3	528.4	0.69	84.69
38.0-38.5	121.1	4.1	532.5	0.66	85.35
38.5-39.0	112.9	3.9	536.4	0.62	85.97
39.0-39.5	106.0	3.7	540.0	0.59	86.56
39.5-40.0	99.7	3.5	543.5	0.56	87.12
40.0-40.5	93.2	3.3	546.8	0.53	87.65
40.5-41.0	87.3	3.1	550.0	0.50	88.15
41.0-41.5	82.0	3.0	552.9	0.48	88.62
41.5-42.0	76.8	2.8	555.7	0.45	89.07
42.0-42.5	71.8	2.6	558.4	0.42	89.50
42.5-43.0	66.5	2.5	560.8	0.40	89.89
43.0-43.5	61.4	2.3	563.2	0.37	90.26
43.5-44.0	57.4	2.2	565.3	0.35	90.61
44.0-44.5	53.8	2.1	567.4	0.33	90.94
44.5-45.0	50.0	1.9	569.3	0.31	91.25
45.0-45.5	46.9	1.8	571.2	0.29	91.55
45.5-46.0	44.3	1.7	572.9	0.28	91.82
46.0-46.5	41.7	1.7	574.5	0.26	92.09
46.5-47.0	38.9	1.6	576.1	0.25	92.34
47.0-47.5	37.2	1.5	577.6	0.24	92.58
47.5-48.0	35.4	1.4	579.0	0.23	92.81
48.0-48.5	33.0	1.3	580.4	0.22	93.03
48.5-49.0	31.4	1.3	581.7	0.21	93.23
49.0-49.5	29.6	1.2	582.9	0.20	93.43
49.5-50.0	27.9	1.2	584.1	0.19	93.62
50.0-50.5	27.5	1.2	585.2	0.19	93.80
50.5-51.0	26.5	1.1	586.4	0.18	93.98
51.0-51.5	25.1	1.1	587.4	0.17	94.15
51.5-52.0	24.2	1.0	588.5	0.17	94.32
52.0-52.5	23.4	1.0	589.5	0.16	94.48
52.5-53.0	22.4	1.0	590.5	0.16	94.64
53.0-53.5	21.6	0.9	591.4	0.15	94.79
53.5-54.0	21.2	0.9	592.4	0.15	94.94

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
54.0-54.5	20.2	0.9	593.3	0.14	95.09
54.5-55.0	19.8	0.9	594.1	0.14	95.23
55.0-55.5	19.2	0.9	595.0	0.14	95.37
55.5-56.0	18.4	0.8	595.8	0.13	95.50
56.0-56.5	18.0	0.8	596.7	0.13	95.63
56.5-57.0	17.4	0.8	597.5	0.13	95.76
57.0-57.5	17.0	0.8	598.2	0.13	95.89
57.5-58.0	16.8	0.8	599.0	0.12	96.01
58.0-58.5	15.8	0.7	599.8	0.12	96.13
58.5-59.0	14.9	0.7	600.5	0.11	96.24
59.0-59.5	14.5	0.7	601.1	0.11	96.35
59.5-60.0	14.6	0.7	601.8	0.11	96.46
60.0-60.5	14.2	0.7	602.5	0.11	96.57
60.5-61.0	13.5	0.6	603.2	0.10	96.67
61.0-61.5	13.2	0.6	603.8	0.10	96.78
61.5-62.0	13.0	0.6	604.4	0.10	96.88
62.0-62.5	12.8	0.6	605.0	0.10	96.98
62.5-63.0	11.8	0.6	605.6	0.09	97.07
63.0-63.5	11.4	0.6	606.2	0.09	97.16
63.5-64.0	11.1	0.5	606.7	0.09	97.25
64.0-64.5	10.9	0.5	607.2	0.09	97.33
64.5-65.0	10.6	0.5	607.8	0.08	97.42
65.0-65.5	10.2	0.5	608.3	0.08	97.50
65.5-66.0	10.1	0.5	608.8	0.08	97.58
66.0-66.5	10.0	0.5	609.3	0.08	97.66
66.5-67.0	10.1	0.5	609.8	0.08	97.74
67.0-67.5	9.5	0.5	610.3	0.08	97.82
67.5-68.0	9.0	0.5	610.7	0.07	97.89
68.0-68.5	8.7	0.4	611.2	0.07	97.96
68.5-69.0	8.5	0.4	611.6	0.07	98.03
69.0-69.5	7.7	0.4	612.0	0.06	98.09
69.5-70.0	7.3	0.4	612.4	0.06	98.15
70.0-70.5	7.6	0.4	612.8	0.06	98.22
70.5-71.0	7.3	0.4	613.2	0.06	98.28
71.0-71.5	6.9	0.4	613.5	0.06	98.33
71.5-72.0	6.1	0.3	613.8	0.05	98.39

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-72.5	5.9	0.3	614.1	0.05	98.43
72.5-73.0	6.5	0.3	614.5	0.05	98.49
73.0-73.5	6.2	0.3	614.8	0.05	98.54
73.5-74.0	5.8	0.3	615.1	0.05	98.59
74.0-74.5	5.6	0.3	615.4	0.05	98.64
74.5-75.0	5.0	0.3	615.7	0.04	98.68
75.0-75.5	4.9	0.3	615.9	0.04	98.72
75.5-76.0	4.6	0.2	616.2	0.04	98.76
76.0-76.5	4.3	0.2	616.4	0.04	98.80
76.5-77.0	3.8	0.2	616.6	0.03	98.83
77.0-77.5	3.8	0.2	616.8	0.03	98.86
77.5-78.0	3.9	0.2	617.0	0.03	98.90
78.0-78.5	3.3	0.2	617.2	0.03	98.93
78.5-79.0	3.1	0.2	617.4	0.03	98.95
79.0-79.5	3.3	0.2	617.5	0.03	98.98
79.5-80.0	2.4	0.1	617.7	0.02	99.00
80.0-80.5	2.0	0.1	617.8	0.02	99.02
80.5-81.0	2.0	0.1	617.9	0.02	99.04
81.0-81.5	2.2	0.1	618.0	0.02	99.06
81.5-82.0	2.2	0.1	618.1	0.02	99.07
82.0-82.5	2.0	0.1	618.2	0.02	99.09
82.5-83.0	1.8	0.1	618.3	0.02	99.11
83.0-83.5	1.7	0.1	618.4	0.01	99.12
83.5-84.0	1.5	0.1	618.5	0.01	99.14
84.0-84.5	1.1	0.1	618.6	0.01	99.15
84.5-85.0	1.2	0.1	618.6	0.01	99.16
85.0-85.5	1.3	0.1	618.7	0.01	99.17
85.5-86.0	0.9	0.0	618.8	0.01	99.17
86.0-86.5	0.7	0.0	618.8	0.01	99.18
86.5-87.0	0.8	0.0	618.8	0.01	99.19
87.0-87.5	0.8	0.0	618.9	0.01	99.20
87.5-88.0	0.6	0.0	618.9	0.01	99.20
88.0-88.5	0.5	0.0	618.9	0.00	99.21
88.5-89.0	0.4	0.0	619.0	0.00	99.21
89.0-89.5	0.4	0.0	619.0	0.00	99.21
89.5-90.0	0.3	0.0	619.0	0.00	99.22

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 5)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
90.0-90.5	0.2	0.0	619.0	0.00	99.22
90.5-91.0	0.3	0.0	619.0	0.00	99.22
91.0-91.5	0.2	0.0	619.0	0.00	99.22
91.5-92.0	0.2	0.0	619.1	0.00	99.22
92.0-92.5	0.3	0.0	619.1	0.00	99.23
92.5-93.0	0.4	0.0	619.1	0.00	99.23
93.0-93.5	0.3	0.0	619.1	0.00	99.23
93.5-94.0	0.2	0.0	619.1	0.00	99.23
94.0-94.5	0.2	0.0	619.1	0.00	99.24
94.5-95.0	0.3	0.0	619.1	0.00	99.24
95.0-95.5	0.1	0.0	619.2	0.00	99.24
95.5-96.0	0.2	0.0	619.2	0.00	99.24
96.0-96.5	0.3	0.0	619.2	0.00	99.24
96.5-97.0	0.4	0.0	619.2	0.00	99.25
97.0-97.5	0.3	0.0	619.2	0.00	99.25
97.5-98.0	0.3	0.0	619.2	0.00	99.25
98.0-98.5	0.3	0.0	619.3	0.00	99.25
98.5-99.0	0.3	0.0	619.3	0.00	99.26
99.0-99.5	0.4	0.0	619.3	0.00	99.26
99.5-100.0	0.4	0.0	619.3	0.00	99.26
100.0-100.5	0.3	0.0	619.3	0.00	99.27
100.5-101.0	0.4	0.0	619.3	0.00	99.27
101.0-101.5	0.3	0.0	619.4	0.00	99.27
101.5-102.0	0.3	0.0	619.4	0.00	99.28
102.0-102.5	0.1	0.0	619.4	0.00	99.28
102.5-103.0	0.3	0.0	619.4	0.00	99.28
103.0-103.5	0.3	0.0	619.4	0.00	99.28
103.5-104.0	0.1	0.0	619.4	0.00	99.28
104.0-104.5	0.2	0.0	619.4	0.00	99.28
104.5-105.0	0.3	0.0	619.4	0.00	99.29
105.0-105.5	0.2	0.0	619.5	0.00	99.29
105.5-106.0	0.3	0.0	619.5	0.00	99.29
106.0-106.5	0.3	0.0	619.5	0.00	99.29
106.5-107.0	0.2	0.0	619.5	0.00	99.30
107.0-107.5	0.2	0.0	619.5	0.00	99.30
107.5-108.0	0.2	0.0	619.5	0.00	99.30

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 6)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-108.5	0.2	0.0	619.5	0.00	99.30
108.5-109.0	0.2	0.0	619.5	0.00	99.30
109.0-109.5	0.2	0.0	619.6	0.00	99.30
109.5-110.0	0.2	0.0	619.6	0.00	99.31
110.0-110.5	0.1	0.0	619.6	0.00	99.31
110.5-111.0	0.1	0.0	619.6	0.00	99.31
111.0-111.5	0.1	0.0	619.6	0.00	99.31
111.5-112.0	0.2	0.0	619.6	0.00	99.31
112.0-112.5	0.2	0.0	619.6	0.00	99.31
112.5-113.0	0.1	0.0	619.6	0.00	99.31
113.0-113.5	0.0	0.0	619.6	0.00	99.31
113.5-114.0	0.1	0.0	619.6	0.00	99.31
114.0-114.5	0.1	0.0	619.6	0.00	99.31
114.5-115.0	0.1	0.0	619.6	0.00	99.31
115.0-115.5	0.0	0.0	619.6	0.00	99.31
115.5-116.0	0.0	0.0	619.6	0.00	99.31
116.0-116.5	0.1	0.0	619.6	0.00	99.31
116.5-117.0	0.1	0.0	619.6	0.00	99.32
117.0-117.5	0.0	0.0	619.6	0.00	99.32
117.5-118.0	0.0	0.0	619.6	0.00	99.32
118.0-118.5	0.1	0.0	619.6	0.00	99.32
118.5-119.0	0.1	0.0	619.6	0.00	99.32
119.0-119.5	0.1	0.0	619.7	0.00	99.32
119.5-120.0	0.1	0.0	619.7	0.00	99.32
120.0-120.5	0.1	0.0	619.7	0.00	99.32
120.5-121.0	0.0	0.0	619.7	0.00	99.32
121.0-121.5	0.1	0.0	619.7	0.00	99.32
121.5-122.0	0.3	0.0	619.7	0.00	99.32
122.0-122.5	0.3	0.0	619.7	0.00	99.33
122.5-123.0	0.3	0.0	619.7	0.00	99.33
123.0-123.5	0.3	0.0	619.7	0.00	99.33
123.5-124.0	0.4	0.0	619.7	0.00	99.33
124.0-124.5	0.2	0.0	619.7	0.00	99.33
124.5-125.0	0.1	0.0	619.7	0.00	99.33
125.0-125.5	0.3	0.0	619.8	0.00	99.34
125.5-126.0	0.4	0.0	619.8	0.00	99.34

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 7)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
126.0-126.5	0.4	0.0	619.8	0.00	99.34
126.5-127.0	0.5	0.0	619.8	0.00	99.34
127.0-127.5	0.6	0.0	619.8	0.00	99.35
127.5-128.0	0.5	0.0	619.9	0.00	99.35
128.0-128.5	0.3	0.0	619.9	0.00	99.35
128.5-129.0	0.6	0.0	619.9	0.00	99.36
129.0-129.5	0.9	0.0	619.9	0.01	99.36
129.5-130.0	0.6	0.0	620.0	0.00	99.37
130.0-130.5	0.5	0.0	620.0	0.00	99.37
130.5-131.0	0.5	0.0	620.0	0.00	99.38
131.0-131.5	0.5	0.0	620.0	0.00	99.38
131.5-132.0	0.5	0.0	620.0	0.00	99.38
132.0-132.5	0.5	0.0	620.1	0.00	99.38
132.5-133.0	0.8	0.0	620.1	0.00	99.39
133.0-133.5	0.9	0.0	620.1	0.01	99.40
133.5-134.0	0.9	0.0	620.2	0.01	99.40
134.0-134.5	1.0	0.0	620.2	0.01	99.41
134.5-135.0	1.1	0.0	620.2	0.01	99.41
135.0-135.5	1.2	0.0	620.3	0.01	99.42
135.5-136.0	1.4	0.1	620.3	0.01	99.43
136.0-136.5	1.5	0.1	620.4	0.01	99.44
136.5-137.0	1.6	0.1	620.5	0.01	99.45
137.0-137.5	1.3	0.0	620.5	0.01	99.46
137.5-138.0	0.7	0.0	620.5	0.00	99.46
138.0-138.5	0.7	0.0	620.6	0.00	99.47
138.5-139.0	1.0	0.0	620.6	0.01	99.47
139.0-139.5	0.9	0.0	620.6	0.01	99.48
139.5-140.0	1.0	0.0	620.7	0.01	99.48
140.0-140.5	1.1	0.0	620.7	0.01	99.49
140.5-141.0	1.1	0.0	620.7	0.01	99.49
141.0-141.5	1.5	0.1	620.8	0.01	99.50
141.5-142.0	1.1	0.0	620.8	0.01	99.51
142.0-142.5	0.9	0.0	620.9	0.01	99.51
142.5-143.0	1.7	0.1	620.9	0.01	99.52
143.0-143.5	1.6	0.1	621.0	0.01	99.53
143.5-144.0	0.9	0.0	621.0	0.00	99.54

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 8)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-144.5	1.2	0.0	621.0	0.01	99.54
144.5-145.0	1.6	0.0	621.1	0.01	99.55
145.0-145.5	1.2	0.0	621.1	0.01	99.56
145.5-146.0	0.8	0.0	621.2	0.00	99.56
146.0-146.5	1.1	0.0	621.2	0.01	99.57
146.5-147.0	1.2	0.0	621.2	0.01	99.57
147.0-147.5	1.1	0.0	621.3	0.01	99.58
147.5-148.0	1.4	0.0	621.3	0.01	99.58
148.0-148.5	1.6	0.0	621.3	0.01	99.59
148.5-149.0	1.7	0.0	621.4	0.01	99.60
149.0-149.5	1.4	0.0	621.4	0.01	99.60
149.5-150.0	1.0	0.0	621.5	0.00	99.61
150.0-150.5	1.7	0.0	621.5	0.01	99.62
150.5-151.0	2.4	0.1	621.6	0.01	99.63
151.0-151.5	2.3	0.1	621.6	0.01	99.64
151.5-152.0	2.4	0.1	621.7	0.01	99.65
152.0-152.5	2.3	0.1	621.8	0.01	99.66
152.5-153.0	2.0	0.1	621.8	0.01	99.66
153.0-153.5	1.9	0.0	621.8	0.01	99.67
153.5-154.0	2.4	0.1	621.9	0.01	99.68
154.0-154.5	2.7	0.1	622.0	0.01	99.69
154.5-155.0	2.4	0.1	622.0	0.01	99.70
155.0-155.5	2.2	0.0	622.1	0.01	99.71
155.5-156.0	2.4	0.1	622.1	0.01	99.72
156.0-156.5	2.7	0.1	622.2	0.01	99.73
156.5-157.0	2.7	0.1	622.2	0.01	99.74
157.0-157.5	2.5	0.1	622.3	0.01	99.74
157.5-158.0	2.3	0.0	622.3	0.01	99.75
158.0-158.5	2.8	0.1	622.4	0.01	99.76
158.5-159.0	2.7	0.1	622.5	0.01	99.77
159.0-159.5	2.6	0.1	622.5	0.01	99.78
159.5-160.0	3.3	0.1	622.6	0.01	99.79
160.0-160.5	3.1	0.1	622.6	0.01	99.80
160.5-161.0	2.8	0.1	622.7	0.01	99.80
161.0-161.5	2.8	0.0	622.7	0.01	99.81
161.5-162.0	2.9	0.0	622.8	0.01	99.82

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 9)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
162.0-162.5	3.2	0.1	622.8	0.01	99.83
162.5-163.0	3.2	0.1	622.9	0.01	99.84
163.0-163.5	3.3	0.1	622.9	0.01	99.85
163.5-164.0	3.3	0.1	623.0	0.01	99.85
164.0-164.5	3.3	0.0	623.0	0.01	99.86
164.5-165.0	3.0	0.0	623.1	0.01	99.87
165.0-165.5	3.2	0.0	623.1	0.01	99.88
165.5-166.0	3.9	0.1	623.2	0.01	99.88
166.0-166.5	3.8	0.0	623.2	0.01	99.89
166.5-167.0	3.6	0.0	623.3	0.01	99.90
167.0-167.5	3.7	0.0	623.3	0.01	99.91
167.5-168.0	3.5	0.0	623.4	0.01	99.91
168.0-168.5	3.6	0.0	623.4	0.01	99.92
168.5-169.0	3.8	0.0	623.4	0.01	99.93
169.0-169.5	3.1	0.0	623.5	0.01	99.93
169.5-170.0	3.4	0.0	623.5	0.01	99.94
170.0-170.5	4.1	0.0	623.5	0.01	99.94
170.5-171.0	4.1	0.0	623.6	0.01	99.95
171.0-171.5	4.2	0.0	623.6	0.01	99.95
171.5-172.0	4.2	0.0	623.6	0.01	99.96
172.0-172.5	3.6	0.0	623.7	0.00	99.96
172.5-173.0	3.7	0.0	623.7	0.00	99.97
173.0-173.5	4.5	0.0	623.7	0.00	99.97
173.5-174.0	4.5	0.0	623.8	0.00	99.98
174.0-174.5	4.5	0.0	623.8	0.00	99.98
174.5-175.0	4.8	0.0	623.8	0.00	99.98
175.0-175.5	4.6	0.0	623.8	0.00	99.99
175.5-176.0	4.6	0.0	623.8	0.00	99.99
176.0-176.5	3.6	0.0	623.9	0.00	99.99
176.5-177.0	3.4	0.0	623.9	0.00	99.99
177.0-177.5	3.9	0.0	623.9	0.00	100.00
177.5-178.0	4.4	0.0	623.9	0.00	100.00
178.0-178.5	4.9	0.0	623.9	0.00	100.00
178.5-179.0	4.7	0.0	623.9	0.00	100.00
179.0-179.5	4.4	0.0	623.9	0.00	100.00
179.5-180.0	3.9	0.0	623.9	0.00	100.00

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	821.0	811.7	807.8	805.2	821.0	811.7	807.8	805.2	821.0	
G0.5	817.8	814.6	808.8	804.2	815.0	805.9	805.3	804.1	817.8	
G1.0	819.0	816.1	809.9	804.1	813.4	806.0	802.9	804.3	819.0	
G1.5	822.0	817.3	811.4	803.8	815.5	802.2	799.5	803.2	822.0	
G2.0	818.5	814.4	809.8	802.7	812.9	798.3	795.6	800.8	818.5	
G2.5	821.1	814.4	810.0	799.4	809.7	789.8	792.1	799.1	821.1	
G3.0	820.2	813.5	809.1	798.2	801.6	789.0	787.3	796.1	820.2	
G3.5	814.8	816.4	807.8	795.4	802.3	783.7	783.2	794.0	814.8	
G4.0	813.1	811.3	807.6	793.5	793.4	774.0	778.1	789.8	813.1	
G4.5	813.4	809.9	803.6	790.8	788.9	771.9	773.0	787.4	813.4	
G5.0	807.8	809.7	800.4	786.3	787.9	761.0	765.8	781.8	807.8	
G5.5	806.0	806.9	797.6	782.7	782.8	754.5	760.6	779.2	806.0	
G6.0	800.5	802.8	793.6	777.3	777.1	752.3	753.6	774.0	800.5	
G6.5	797.6	796.9	789.5	770.5	770.7	740.4	747.0	765.8	797.6	
G7.0	791.4	793.3	784.1	765.1	765.0	736.9	740.7	763.0	791.4	
G7.5	786.0	788.3	779.4	759.2	758.7	729.0	733.5	756.2	786.0	
G8.0	781.1	785.8	776.1	756.0	752.0	717.0	726.0	747.2	781.1	
G8.5	774.6	778.5	770.1	749.4	741.1	708.0	716.8	743.3	774.6	
G9.0	769.0	772.4	763.8	740.3	733.7	700.4	707.7	736.7	769.0	
G9.5	763.7	768.2	754.3	735.7	726.1	694.7	700.4	725.7	763.7	
G10.0	756.2	759.8	750.6	728.6	718.5	685.5	690.1	717.8	756.2	
G10.5	748.6	753.6	743.8	718.1	710.7	677.0	681.8	713.3	748.6	
G11.0	741.4	745.9	736.3	712.9	705.0	664.1	671.4	701.8	741.4	
G11.5	734.0	740.1	728.4	701.9	692.9	657.6	661.2	697.0	734.0	
G12.0	726.4	731.9	717.8	693.5	686.9	648.5	652.0	684.0	726.4	
G12.5	718.0	724.8	709.7	685.0	677.4	638.7	644.5	675.8	718.0	
G13.0	710.1	716.9	703.9	675.8	665.8	628.9	633.2	671.1	710.1	
G13.5	701.3	708.5	691.8	670.2	655.0	615.3	623.3	657.8	701.3	
G14.0	693.0	700.5	686.0	660.5	648.3	608.7	615.2	647.8	693.0	
G14.5	682.9	692.7	677.4	647.2	637.5	598.4	605.1	642.5	682.9	
G15.0	674.2	683.1	664.5	637.2	628.5	587.8	595.0	633.1	674.2	
G15.5	666.0	674.2	657.6	627.0	617.6	576.9	584.2	618.4	666.0	
G16.0	655.5	665.3	643.5	621.8	606.0	565.3	570.9	612.0	655.5	
G16.5	646.6	654.7	637.6	607.6	595.2	554.8	559.6	602.3	646.6	
G17.0	637.5	645.4	627.0	601.6	584.2	543.1	551.8	587.8	637.5	
G17.5	627.7	633.5	617.2	590.5	573.0	529.3	536.4	577.5	627.7	
G18.0	617.2	624.8	602.5	580.0	562.0	518.3	528.0	569.5	617.2	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G18.5	603.3	612.0	597.5	568.6	550.0	507.3	511.8	559.5	603.3	
G19.0	596.0	601.7	587.1	557.7	538.9	495.5	503.6	548.2	596.0	
G19.5	581.1	593.6	576.9	545.8	526.1	482.7	490.7	536.7	581.1	
G20.0	570.0	583.4	562.8	529.8	513.6	470.0	474.8	524.6	570.0	
G20.5	562.0	572.7	551.8	522.5	501.0	455.2	464.7	512.1	562.0	
G21.0	547.3	559.0	541.7	506.6	488.8	443.7	451.0	496.5	547.3	
G21.5	538.0	548.1	530.2	494.0	476.0	429.5	437.6	485.1	538.0	
G22.0	526.8	537.1	523.1	485.4	463.8	416.0	419.3	472.3	526.8	
G22.5	514.9	526.2	507.5	469.2	450.9	402.9	405.7	462.9	514.9	
G23.0	498.7	515.0	495.6	460.5	439.0	389.3	391.8	447.6	498.7	
G23.5	485.9	506.3	483.1	447.5	426.0	375.8	377.9	437.6	485.9	
G24.0	473.7	494.9	470.6	430.6	411.7	361.6	364.0	421.8	473.7	
G24.5	465.0	483.0	463.2	421.8	401.4	348.6	353.7	411.9	465.0	
G25.0	447.8	471.1	450.3	404.8	386.4	336.4	336.7	400.4	447.8	
G25.5	434.4	458.8	436.2	392.2	376.3	323.8	323.5	384.4	434.4	
G26.0	425.2	441.9	422.5	379.5	364.0	310.2	310.2	373.9	425.2	
G26.5	408.6	433.7	410.5	370.5	348.8	297.4	297.4	361.4	408.6	
G27.0	399.8	421.0	391.5	357.6	338.5	284.8	284.3	348.7	399.8	
G27.5	387.0	403.4	381.9	341.4	324.7	273.1	275.9	336.2	387.0	
G28.0	374.4	393.9	367.9	331.0	314.6	262.5	259.1	324.0	374.4	
G28.5	361.5	381.0	354.4	316.7	303.1	251.3	252.2	311.6	361.5	
G29.0	344.2	367.9	340.5	306.5	289.4	238.9	240.5	300.1	344.2	
G29.5	336.6	354.8	322.7	294.9	278.1	228.4	224.7	288.4	336.6	
G30.0	319.8	337.0	314.7	283.4	266.8	219.5	218.3	275.3	319.8	
G30.5	307.7	323.7	296.6	271.7	258.7	209.3	206.7	264.1	307.7	
G31.0	299.3	315.4	284.4	260.4	244.8	199.6	197.4	253.4	299.3	
G31.5	288.0	298.3	271.9	249.4	237.7	189.8	182.7	242.4	288.0	
G32.0	276.2	285.5	263.8	237.7	227.3	180.0	172.7	231.8	276.2	
G32.5	260.5	277.5	252.1	225.7	217.5	167.6	163.3	221.6	260.5	
G33.0	253.9	265.6	240.3	216.8	204.6	161.2	157.9	211.4	253.9	
G33.5	238.6	254.4	229.2	206.7	195.1	152.0	145.1	202.3	238.6	
G34.0	227.9	238.4	218.3	196.9	189.5	143.1	140.3	193.1	227.9	
G34.5	217.9	227.7	203.4	187.2	180.1	131.6	128.0	183.4	217.9	
G35.0	211.3	221.9	193.4	178.1	168.1	126.6	123.9	174.4	211.3	
G35.5	201.6	211.9	186.7	168.3	159.7	115.0	112.3	165.9	201.6	
G36.0	191.8	201.0	177.1	159.8	154.4	110.1	109.0	158.6	191.8	
G36.5	182.8	191.5	163.7	151.5	143.1	99.8	102.0	149.8	182.8	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	169.4	181.7	158.6	143.8	135.3	92.7	90.9	143.5	169.4	
G37.5	161.0	172.4	149.6	135.7	130.9	88.8	84.8	136.4	161.0	
G38.0	156.0	163.3	140.3	128.1	120.3	82.4	83.5	129.4	156.0	
G38.5	144.6	153.6	131.9	120.8	112.9	73.1	73.8	122.9	144.6	
G39.0	137.0	141.8	121.3	113.7	105.8	67.4	72.7	113.7	137.0	
G39.5	133.0	133.7	116.3	106.9	98.5	62.0	64.3	107.4	133.0	
G40.0	125.8	128.7	106.4	100.0	94.3	57.0	59.9	101.1	125.8	
G40.5	119.2	117.4	99.1	91.9	84.2	52.5	55.6	98.0	119.2	
G41.0	109.1	113.7	92.5	87.2	77.4	51.6	55.7	92.3	109.1	
G41.5	105.9	103.5	86.0	79.4	74.3	44.7	52.1	87.1	105.9	
G42.0	100.0	97.0	82.5	75.1	65.7	44.8	48.8	82.0	100.0	
G42.5	94.3	93.3	76.6	67.7	63.1	38.2	41.9	77.1	94.3	
G43.0	88.6	87.8	71.1	64.8	55.9	35.9	39.1	68.8	88.6	
G43.5	80.0	79.3	63.6	57.8	51.6	33.8	36.6	68.3	80.0	
G44.0	78.2	76.4	59.0	53.5	50.1	31.9	34.4	63.9	78.2	
G44.5	70.2	71.3	54.7	51.8	43.8	30.2	35.6	55.6	70.2	
G45.0	68.0	64.3	51.0	45.8	40.7	28.7	33.8	55.3	68.0	
G45.5	63.6	60.0	49.3	45.2	38.0	27.3	32.2	47.7	63.6	
G46.0	59.5	57.7	44.5	42.1	38.0	29.6	30.7	44.3	59.5	
G46.5	55.7	53.9	42.0	36.2	33.3	28.5	26.5	45.2	55.7	
G47.0	50.2	50.5	39.8	33.5	33.6	27.4	28.0	38.4	50.2	
G47.5	49.4	45.8	38.6	34.4	31.6	26.4	27.0	40.4	49.4	
G48.0	46.6	43.2	36.5	29.0	28.0	25.5	25.9	38.3	46.6	
G48.5	42.1	40.8	33.7	27.2	28.5	21.1	25.0	36.4	42.1	
G49.0	42.0	39.6	32.8	29.3	27.4	23.9	22.0	30.4	42.0	
G49.5	39.6	36.4	31.2	24.3	24.3	19.7	21.4	28.8	39.6	
G50.0	37.7	34.6	29.3	26.8	25.0	19.1	20.7	27.3	37.7	
G50.5	35.8	33.5	27.9	25.8	22.5	22.0	21.7	30.0	35.8	
G51.0	34.0	31.9	26.9	25.0	21.8	21.4	19.5	24.6	34.0	
G51.5	32.4	30.4	25.7	20.3	21.0	20.9	19.0	27.6	32.4	
G52.0	30.9	28.7	24.9	23.6	20.5	20.3	18.5	22.8	30.9	
G52.5	28.1	27.5	24.0	23.0	19.9	16.4	19.0	25.9	28.1	
G53.0	28.3	26.4	22.6	18.3	19.4	15.9	18.5	25.0	28.3	
G53.5	26.1	25.2	21.7	17.8	20.0	18.8	17.9	24.2	26.1	
G54.0	25.9	24.6	21.8	21.4	18.3	15.0	17.3	23.5	25.9	
G54.5	24.1	23.1	20.0	16.6	18.8	17.9	16.8	19.1	24.1	
G55.0	23.3	22.9	19.2	20.4	18.2	17.4	16.3	22.0	23.3	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G55.5	22.3	21.4	19.9	15.7	17.7	17.0	15.7	17.9	22.3	
G56.0	22.3	21.6	17.7	19.3	16.5	13.4	15.2	20.8	22.3	
G56.5	20.9	20.9	17.0	14.8	16.0	16.1	14.8	20.2	20.9	
G57.0	20.6	20.3	16.3	14.4	16.2	15.7	14.3	19.6	20.6	
G57.5	20.0	19.7	17.8	13.8	15.2	15.4	14.2	19.1	20.0	
G58.0	19.3	19.2	15.1	17.8	15.3	15.0	13.4	18.5	19.3	
G58.5	18.2	16.9	14.5	13.2	14.5	11.7	13.0	18.0	18.2	
G59.0	18.1	18.2	13.9	12.6	14.1	14.1	12.5	14.7	18.1	
G59.5	17.3	15.7	13.4	12.4	13.9	13.8	13.1	14.4	17.3	
G60.0	16.8	17.3	15.8	16.1	13.5	13.4	12.9	14.0	16.8	
G60.5	16.3	14.6	12.4	11.4	13.1	13.0	12.6	13.6	16.3	
G61.0	15.9	14.1	11.9	15.3	12.8	12.6	12.4	13.3	15.9	
G61.5	15.2	13.6	11.5	10.9	12.2	12.3	12.0	15.2	15.2	
G62.0	15.0	15.6	14.4	14.3	12.2	9.5	11.9	12.6	15.0	
G62.5	14.5	15.4	10.6	14.1	11.9	9.2	11.7	12.3	14.5	
G63.0	13.8	12.2	10.2	9.9	11.1	11.2	9.1	11.9	13.8	
G63.5	13.6	11.5	9.8	13.1	11.3	10.8	8.9	13.6	13.6	
G64.0	13.4	14.3	9.4	9.3	10.9	8.2	8.6	11.1	13.4	
G64.5	12.6	10.8	12.9	12.5	10.7	10.1	8.0	10.9	12.6	
G65.0	12.6	13.5	8.6	8.4	9.6	7.8	7.8	12.4	12.6	
G65.5	12.2	13.4	8.3	8.4	9.0	9.3	10.3	11.8	12.2	
G66.0	12.0	13.1	8.0	8.1	8.9	9.1	9.9	10.0	12.0	
G66.5	11.5	12.6	11.8	11.0	8.6	7.1	6.8	11.3	11.5	
G67.0	11.2	12.4	11.5	10.7	9.2	8.3	6.4	10.7	11.2	
G67.5	10.9	8.5	11.2	7.3	7.8	6.7	9.5	9.1	10.9	
G68.0	10.1	11.7	10.9	9.9	7.5	7.8	5.8	10.2	10.1	
G68.5	9.7	11.6	6.4	6.8	7.0	6.1	9.0	8.3	9.7	
G69.0	9.9	11.2	10.3	6.5	8.4	7.1	8.9	8.2	9.9	
G69.5	9.1	6.9	5.8	6.3	6.5	5.8	4.8	7.9	9.1	
G70.0	9.4	10.7	5.6	8.6	7.8	5.6	8.4	7.7	9.4	
G70.5	8.4	10.4	5.2	8.2	7.7	5.4	4.3	8.5	8.4	
G71.0	8.7	6.0	9.2	7.9	7.5	5.2	8.0	7.1	8.7	
G71.5	7.8	5.8	8.9	5.4	7.2	5.0	3.7	6.9	7.8	
G72.0	7.5	5.4	4.4	7.3	7.0	4.8	3.4	6.6	7.5	
G72.5	7.9	5.1	8.3	5.1	6.8	4.6	3.2	7.3	7.9	
G73.0	7.6	9.0	8.1	6.6	6.6	4.5	7.1	6.1	7.6	
G73.5	7.4	8.8	3.8	4.7	6.4	4.4	2.7	5.8	7.4	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	6.3	8.5	7.5	6.0	3.8	4.1	6.7	6.6	6.3	
G74.5	6.9	4.0	7.2	4.3	6.0	3.9	2.3	5.4	6.9	
G75.0	6.6	8.0	3.3	5.4	5.8	3.9	2.1	5.1	6.6	
G75.5	5.4	7.8	6.6	4.1	3.0	3.3	1.9	5.8	5.4	
G76.0	6.1	7.5	6.3	3.8	2.8	3.5	1.7	4.6	6.1	
G76.5	4.8	3.0	5.8	3.8	5.2	3.1	1.5	4.4	4.8	
G77.0	4.6	2.7	5.7	3.7	5.0	2.5	1.1	4.2	4.6	
G77.5	5.4	2.5	5.5	3.8	2.0	2.2	5.1	4.9	5.4	
G78.0	5.2	6.5	2.7	3.7	1.7	1.7	4.8	4.7	5.2	
G78.5	3.8	2.1	2.6	3.2	4.4	1.6	0.6	3.5	3.8	
G79.0	4.8	1.9	4.6	2.9	4.3	1.4	4.3	4.3	4.8	
G79.5	3.3	1.6	2.4	2.9	4.0	2.3	4.0	3.9	3.3	
G80.0	2.9	1.5	2.3	2.8	0.7	0.8	0.1	2.7	2.9	
G80.5	4.1	1.3	3.6	2.4	0.4	0.5	3.4	2.5	4.1	
G81.0	3.9	1.1	3.3	1.9	0.2	2.0	0.0	2.0	3.9	
G81.5	3.5	5.0	3.0	1.6	0.0	1.9	2.7	3.3	3.5	
G82.0	3.4	0.7	2.7	1.4	3.1	1.8	0.0	1.7	3.4	
G82.5	1.9	4.5	2.4	1.0	2.9	1.7	0.0	2.7	1.9	
G83.0	1.4	4.3	1.7	0.8	0.0	1.5	0.0	1.3	1.4	
G83.5	2.8	4.1	1.7	1.6	2.6	0.0	1.8	1.0	2.8	
G84.0	1.2	0.0	1.6	0.2	2.4	0.0	1.5	2.3	1.2	
G84.5	2.2	0.0	1.5	1.5	2.3	0.0	0.0	0.5	2.2	
G85.0	2.1	3.4	0.8	1.2	2.1	0.0	0.0	2.0	2.1	
G85.5	1.9	3.3	1.4	0.0	0.0	0.0	0.0	1.9	1.9	
G86.0	0.1	3.0	0.3	1.1	0.0	0.9	0.5	0.0	0.1	
G86.5	0.1	2.7	0.0	0.0	1.6	0.0	0.0	1.5	0.1	
G87.0	0.0	2.6	0.0	0.9	1.3	0.0	0.0	1.4	0.0	
G87.5	1.2	2.4	1.1	0.8	0.0	0.6	0.0	1.2	1.2	
G88.0	0.9	0.0	1.0	0.0	1.1	0.0	0.0	0.0	0.9	
G88.5	0.8	0.0	1.0	0.5	0.8	0.7	0.0	1.0	0.8	
G89.0	0.0	0.0	0.0	0.3	1.0	0.8	0.0	0.0	0.0	
G89.5	0.4	1.5	0.8	0.0	1.0	0.0	0.0	0.0	0.4	
G90.0	0.2	0.0	0.8	0.0	0.0	0.0	0.0	0.7	0.2	
G90.5	0.1	0.0	0.0	0.0	0.9	0.5	0.0	0.0	0.1	
G91.0	0.0	1.2	0.0	0.0	0.9	0.0	0.0	0.4	0.0	
G91.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.3	0.0	
G92.0	0.0	0.8	0.4	0.0	0.9	0.6	0.0	0.3	0.0	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G92.5	0.0	0.6	0.6	0.0	0.0	0.8	0.0	0.4	0.0	
G93.0	0.0	0.5	0.7	0.6	0.9	0.9	0.0	0.4	0.0	
G93.5	0.0	0.0	0.0	0.6	0.9	0.0	0.0	0.0	0.0	
G94.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.4	0.0	
G94.5	0.0	0.4	0.8	0.7	1.0	0.0	0.0	0.0	0.0	
G95.0	0.0	0.0	0.6	0.0	0.0	0.7	0.0	0.0	0.0	
G95.5	0.0	0.3	0.0	0.7	0.0	0.0	0.0	0.0	0.0	
G96.0	0.0	0.0	0.0	0.0	0.9	0.9	0.0	0.0	0.0	
G96.5	0.0	0.3	1.0	0.8	0.0	0.7	0.0	0.4	0.0	
G97.0	0.0	0.0	0.9	0.0	0.9	0.0	0.0	0.7	0.0	
G97.5	0.0	0.3	0.0	0.0	0.0	0.9	0.0	0.7	0.0	
G98.0	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.5	0.0	
G98.5	0.0	0.3	0.9	0.0	0.9	0.9	0.0	0.0	0.0	
G99.0	0.0	0.3	0.0	1.0	0.0	0.0	0.0	0.8	0.0	
G99.5	0.0	0.0	0.9	0.9	0.8	0.8	0.4	0.0	0.0	
G100.0	0.0	0.3	0.0	0.0	0.8	0.8	0.2	0.0	0.0	
G100.5	0.0	0.1	0.9	0.0	0.8	0.0	0.5	0.9	0.0	
G101.0	0.0	0.3	0.8	0.0	0.8	0.0	0.6	0.0	0.0	
G101.5	0.0	0.3	0.9	0.0	0.0	0.6	0.0	0.9	0.0	
G102.0	0.0	0.0	0.0	0.8	0.0	0.6	0.0	0.0	0.0	
G102.5	0.0	0.3	0.0	0.0	0.7	0.0	0.0	0.0	0.0	
G103.0	0.0	0.0	0.7	1.0	0.7	0.4	0.7	0.0	0.0	
G103.5	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	
G104.0	0.0	0.3	0.0	0.0	0.6	0.0	0.0	0.0	0.0	
G104.5	0.0	0.0	0.6	0.9	0.6	0.0	0.8	0.0	0.0	
G105.0	0.0	0.0	0.4	0.7	0.0	0.2	0.0	0.0	0.0	
G105.5	0.0	0.3	0.3	0.9	0.0	0.2	0.9	0.0	0.0	
G106.0	0.0	0.0	0.1	0.8	0.0	0.0	1.0	0.9	0.0	
G106.5	0.0	0.0	0.2	0.6	0.0	0.0	1.0	0.9	0.0	
G107.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.9	0.0	
G107.5	0.0	0.0	0.0	0.0	0.4	0.0	1.0	0.0	0.0	
G108.0	0.0	0.3	0.0	0.5	0.4	0.0	0.0	0.8	0.0	
G108.5	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.8	0.0	
G109.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.8	0.0	
G109.5	0.0	0.4	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
G110.0	0.0	0.3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
G110.5	0.0	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.6	0.0	
G111.5	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.6	0.0	
G112.0	0.0	0.0	0.0	0.3	0.0	0.0	0.9	0.5	0.0	
G112.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.5	0.0	
G113.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.4	0.0	
G113.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G114.0	0.0	0.0	0.0	0.1	0.0	0.0	0.8	0.0	0.0	
G114.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	
G115.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	
G116.5	0.0	0.7	0.0	0.0	0.0	0.0	0.6	0.0	0.0	
G117.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G117.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G118.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	
G118.5	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	
G119.0	0.0	0.6	0.0	0.0	0.0	0.3	0.4	0.0	0.0	
G119.5	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.0	
G120.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G120.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G121.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	
G121.5	0.0	1.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	
G122.0	0.2	1.0	0.8	0.0	0.0	0.9	0.0	0.0	0.2	
G122.5	0.2	1.0	0.8	0.0	0.0	0.0	0.1	0.0	0.2	
G123.0	0.3	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.3	
G123.5	0.4	1.1	1.0	0.0	0.0	0.0	0.0	0.0	0.4	
G124.0	0.4	1.1	1.0	0.0	0.0	0.9	0.0	0.0	0.4	
G124.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G125.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	
G125.5	0.7	0.0	1.2	0.0	0.0	1.2	0.0	0.0	0.7	
G126.0	0.0	1.3	1.3	0.1	0.1	0.0	0.0	0.0	0.0	
G126.5	0.0	1.3	0.0	0.0	0.0	1.5	0.0	0.4	0.0	
G127.0	0.9	0.0	1.3	0.3	0.0	1.4	0.0	0.5	0.9	
G127.5	0.0	1.4	1.4	0.4	0.4	1.6	0.0	0.6	0.0	
G128.0	0.9	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.9	
G128.5	0.0	0.0	0.0	0.6	0.6	1.5	0.0	0.0	0.0	
G129.0	1.1	1.5	1.5	0.0	0.0	1.8	0.0	1.0	1.1	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G129.5	1.1	1.5	1.5	0.8	0.8	0.0	0.0	1.1	1.1	
G130.0	1.4	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.4	
G130.5	0.0	0.0	1.5	1.0	0.0	1.9	0.0	1.3	0.0	
G131.0	1.3	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.3	
G131.5	1.6	0.0	0.0	0.0	0.0	1.8	0.0	1.5	1.6	
G132.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.6	0.0	
G132.5	1.8	1.7	1.6	0.0	0.0	0.0	0.0	0.0	1.8	
G133.0	1.8	0.0	0.0	0.0	1.5	1.9	0.1	1.9	1.8	
G133.5	0.0	1.8	1.5	0.0	0.0	2.1	0.0	1.9	0.0	
G134.0	0.0	0.0	1.5	0.0	1.7	2.1	0.3	1.9	0.0	
G134.5	0.0	1.9	0.0	1.8	1.7	0.0	0.4	1.9	0.0	
G135.0	2.1	1.9	0.0	0.0	1.8	2.1	0.3	2.1	2.1	
G135.5	0.0	1.9	1.5	0.0	2.0	2.1	0.0	2.1	0.0	
G136.0	0.0	1.9	1.5	2.0	2.0	2.1	0.7	1.9	0.0	
G136.5	2.2	1.9	1.4	2.1	2.1	2.1	0.6	0.0	2.2	
G137.0	2.3	1.9	1.5	2.2	2.3	2.1	0.9	0.0	2.3	
G137.5	0.0	2.0	0.0	2.0	0.0	2.1	0.9	0.0	0.0	
G138.0	0.0	0.0	1.4	0.0	2.4	0.0	0.8	0.0	0.0	
G138.5	0.0	0.0	0.0	2.4	0.0	2.1	0.0	2.3	0.0	
G139.0	0.0	2.0	1.3	2.2	0.0	0.0	1.2	2.2	0.0	
G139.5	0.0	2.0	0.0	0.0	0.0	0.0	1.1	2.4	0.0	
G140.0	2.5	0.0	1.1	2.6	2.7	2.0	0.0	0.0	2.5	
G140.5	0.0	0.0	0.0	0.0	2.8	2.0	0.0	2.2	0.0	
G141.0	0.0	0.0	1.3	2.7	2.8	2.0	0.0	2.4	0.0	
G141.5	2.5	0.0	1.0	2.8	3.0	1.9	1.7	0.0	2.5	
G142.0	2.6	0.0	0.0	0.0	0.0	1.9	0.0	0.0	2.6	
G142.5	0.0	2.0	1.2	0.0	3.1	1.8	0.0	2.4	0.0	
G143.0	2.6	2.2	0.0	3.0	3.2	1.8	2.0	2.4	2.6	
G143.5	2.5	0.0	0.0	0.0	3.0	0.4	0.0	2.4	2.5	
G144.0	0.0	2.0	0.2	0.0	0.0	1.8	2.2	0.0	0.0	
G144.5	2.6	2.3	1.0	0.0	3.3	0.8	0.0	2.4	2.6	
G145.0	2.6	2.3	0.4	0.0	3.2	1.7	2.3	0.0	2.6	
G145.5	0.0	2.1	1.2	0.0	0.0	1.0	2.4	0.0	0.0	
G146.0	0.0	0.0	0.5	3.3	0.0	1.6	0.1	0.0	0.0	
G146.5	2.6	2.3	0.8	3.4	0.0	1.4	0.1	2.4	2.6	
G147.0	0.1	0.0	1.2	0.0	3.6	1.5	0.1	0.1	0.1	
G147.5	2.7	2.3	1.2	0.0	0.0	1.7	2.8	0.2	2.7	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	2.4	2.3	1.2	3.6	0.0	1.5	0.2	0.3	2.4	
G148.5	2.7	0.1	1.2	3.7	0.0	2.0	3.0	2.3	2.7	
G149.0	2.7	0.3	1.2	0.0	3.8	2.2	0.2	2.3	2.7	
G149.5	2.4	0.4	1.6	0.0	0.0	2.3	3.2	0.8	2.4	
G150.0	0.9	0.5	1.2	0.0	0.0	1.3	0.3	0.9	0.9	
G150.5	2.7	2.3	1.8	3.8	3.8	1.3	3.3	2.2	2.7	
G151.0	2.4	2.3	2.0	3.9	3.7	1.3	0.3	1.2	2.4	
G151.5	1.3	0.9	1.3	3.9	3.9	2.9	3.5	2.1	1.3	
G152.0	1.5	2.4	1.3	4.0	3.9	3.1	0.4	1.5	1.5	
G152.5	2.7	2.3	2.4	4.0	3.8	1.2	0.5	1.6	2.7	
G153.0	1.7	1.3	2.5	4.1	0.5	1.1	0.5	1.8	1.7	
G153.5	2.6	1.5	2.6	4.1	0.6	3.5	0.6	2.0	2.6	
G154.0	2.6	1.6	2.7	4.1	3.8	3.6	0.6	2.0	2.6	
G154.5	2.5	1.7	2.8	4.0	0.8	3.6	4.0	1.9	2.5	
G155.0	2.5	2.4	1.4	0.6	0.9	3.9	3.9	1.9	2.5	
G155.5	2.5	2.0	1.4	0.7	4.0	4.0	0.7	1.9	2.5	
G156.0	2.6	2.1	1.4	0.5	4.0	4.0	4.3	2.0	2.6	
G156.5	2.5	2.4	1.4	4.3	4.0	4.3	0.6	2.8	2.5	
G157.0	2.9	2.4	1.5	4.4	1.4	1.1	4.4	2.9	2.9	
G157.5	3.1	2.3	1.5	4.2	4.0	0.9	0.9	1.7	3.1	
G158.0	3.1	2.3	3.6	1.1	4.0	1.1	0.7	1.8	3.1	
G158.5	2.5	2.8	3.7	4.5	4.0	4.7	1.0	3.2	2.5	
G159.0	2.5	2.9	1.5	1.1	1.9	4.6	1.0	1.6	2.5	
G159.5	2.4	2.9	3.9	4.5	2.0	1.1	4.6	3.6	2.4	
G160.0	2.4	3.2	3.8	4.6	2.1	5.0	4.8	1.8	2.4	
G160.5	3.8	3.3	1.6	1.4	3.9	4.9	1.2	1.6	3.8	
G161.0	3.9	3.2	1.6	4.6	2.3	1.2	4.9	1.8	3.9	
G161.5	2.4	3.5	1.4	1.7	3.9	5.3	1.2	1.8	2.4	
G162.0	4.2	3.7	1.6	4.7	2.6	1.2	5.1	1.6	4.2	
G162.5	2.4	2.1	4.6	4.7	3.8	5.4	1.3	1.8	2.4	
G163.0	2.3	2.3	4.4	2.0	3.8	1.4	5.2	4.4	2.3	
G163.5	4.4	4.0	1.7	2.1	3.0	5.5	5.3	1.6	4.4	
G164.0	2.3	2.3	4.8	4.7	3.1	1.4	1.4	4.6	2.3	
G164.5	2.3	4.2	1.5	4.8	3.2	5.7	1.5	4.7	2.3	
G165.0	2.1	2.3	1.8	2.3	3.7	1.5	5.5	1.8	2.1	
G165.5	2.3	4.4	5.1	2.4	3.5	5.7	1.5	4.9	2.3	
G166.0	5.1	4.6	5.2	4.8	3.6	5.8	1.6	1.8	5.1	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G166.5	5.0	4.7	1.8	4.8	3.5	1.6	5.7	1.8	5.0	
G167.0	5.3	2.3	5.3	2.7	3.8	1.6	5.7	1.8	5.3	
G167.5	5.4	4.9	1.9	4.8	4.0	1.7	5.7	1.8	5.4	
G168.0	5.3	2.3	5.5	2.8	3.9	1.7	1.7	1.8	5.3	
G168.5	5.6	2.3	1.9	4.9	4.2	6.0	5.8	1.8	5.6	
G169.0	2.3	5.2	1.9	4.8	4.3	6.1	1.8	1.9	2.3	
G169.5	2.1	2.3	2.0	4.8	4.6	1.9	1.9	1.9	2.1	
G170.0	2.3	5.3	5.8	4.9	4.6	1.9	1.9	5.6	2.3	
G170.5	2.3	2.3	5.8	4.8	4.8	6.1	6.0	1.9	2.3	
G171.0	6.0	2.3	6.0	3.3	4.8	2.1	6.0	1.9	6.0	
G171.5	2.3	2.3	2.0	4.9	5.0	6.1	5.9	5.9	2.3	
G172.0	6.1	5.6	2.1	3.4	5.1	2.2	2.1	5.9	6.1	
G172.5	6.2	2.3	2.1	3.5	5.2	2.0	2.1	1.9	6.2	
G173.0	6.2	2.3	2.1	4.8	3.2	2.3	6.3	6.1	6.2	
G173.5	6.3	2.1	6.2	4.8	5.5	6.1	2.2	6.1	6.3	
G174.0	2.3	2.3	6.3	4.8	5.6	2.4	2.0	6.2	2.3	
G174.5	2.3	6.0	6.3	4.8	5.6	6.1	6.4	2.0	2.3	
G175.0	6.4	2.1	6.4	4.8	2.9	6.1	2.0	6.1	6.4	
G175.5	6.5	2.3	2.2	3.8	2.9	6.0	6.4	6.3	6.5	
G176.0	6.5	6.2	6.4	4.8	2.8	2.7	2.1	6.2	6.5	
G176.5	2.4	2.3	2.0	3.9	2.7	2.7	2.3	2.1	2.4	
G177.0	6.6	2.3	6.5	4.7	2.7	6.0	2.4	2.2	6.6	
G177.5	6.4	6.4	2.3	3.8	2.6	2.9	2.4	2.2	6.4	
G178.0	6.4	6.4	6.6	4.6	6.6	5.9	2.4	2.3	6.4	
G178.5	6.6	6.5	2.4	4.1	2.5	5.9	6.6	2.1	6.6	
G179.0	2.7	6.3	6.2	4.5	6.7	3.0	2.5	6.3	2.7	
G179.5	5.9	6.4	3.3	4.0	2.5	5.7	2.5	2.4	5.9	
G180.0	5.2	2.4	4.3	3.5	2.5	3.3	2.5	5.7	5.2	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector: