

Report No.:

Test Time: 2018-08-27 11:38

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR16-5W-27K-15D Voltage: 12.1 V

Current: 0.486 A

Power: 4.60 W

Power Factor: 0.784

Photometric Results

CIE Class: Direct

Measurement Flux: 391.8 lm

Downward Ratio: 97%

Total Rated Lamp Lumens: 391.8 lm

Efficiency: 100%

Upward Ratio: 3%

Horizontal Diffuse Angle(10%,25%,50%,75%): H27.8,H19.9,H13.1,H8.2

Vertical Diffuse Angle(10%,25%,50%,75%): V27.4,V19.7,V12.9,V7.9

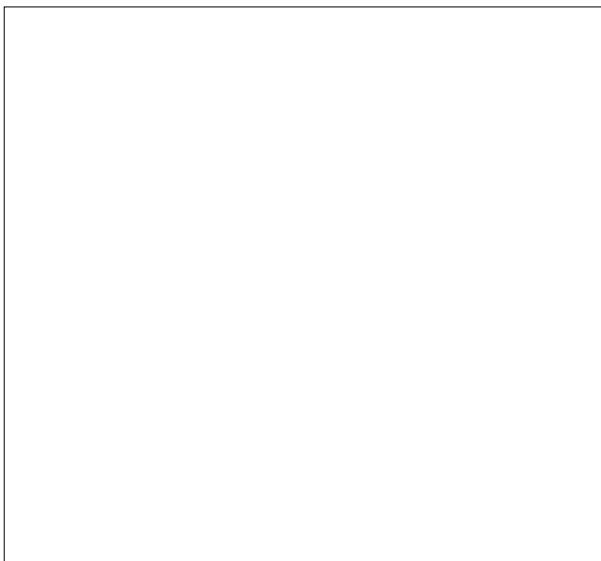
Luminaire Efficacy Rating (LER): 85

Central Intensity: 3306.83 cd

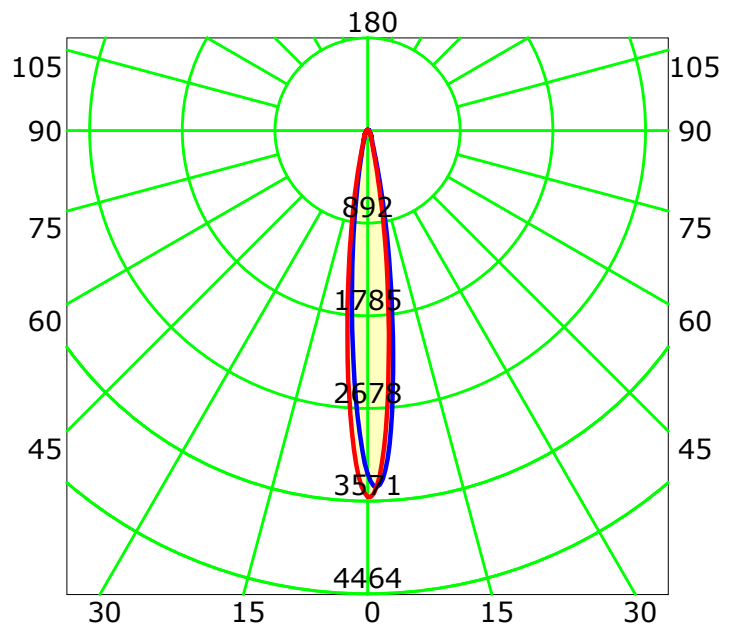
Max. Intensity: 3557.18 cd

Pos of Max. Intensity: H45 V1

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

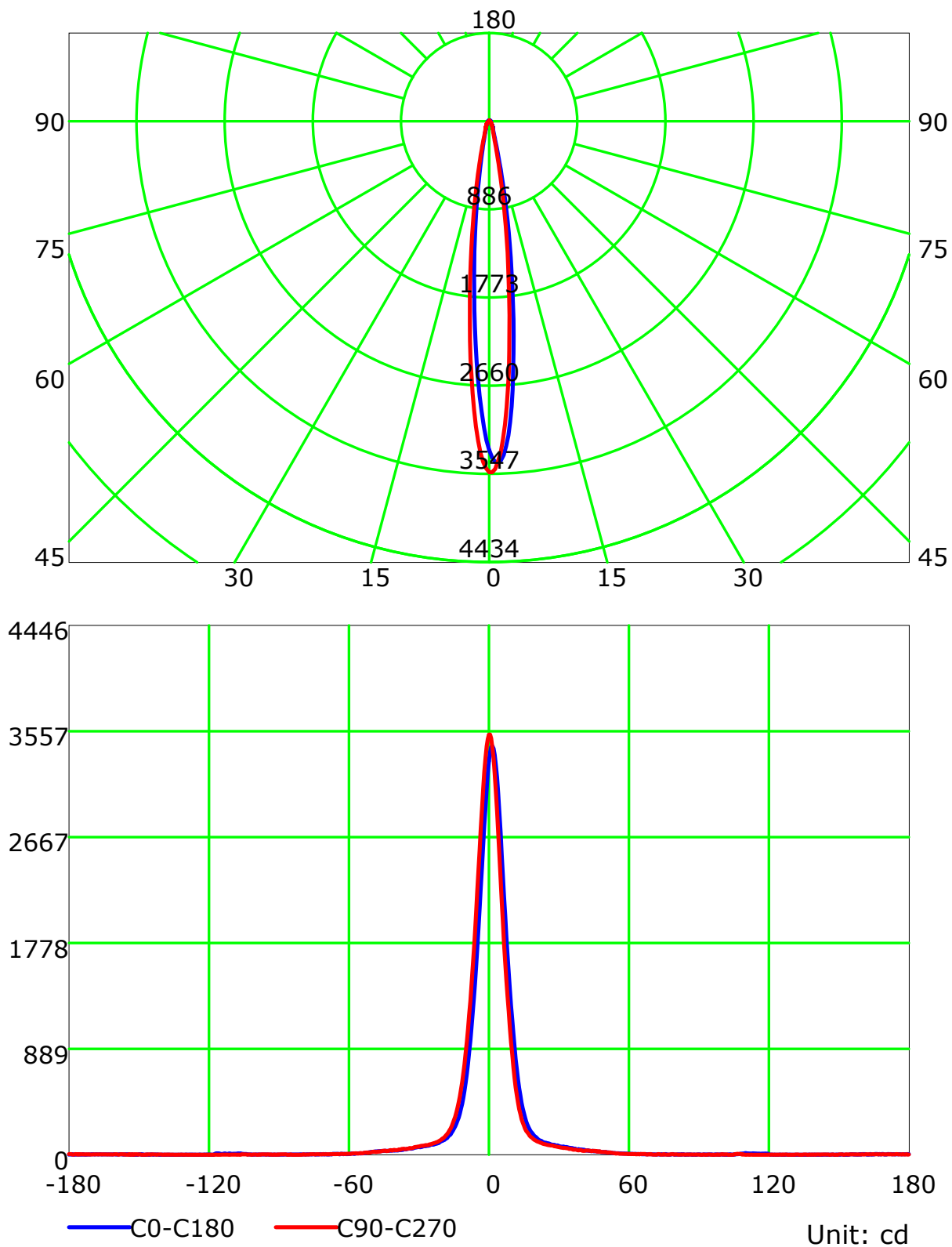
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

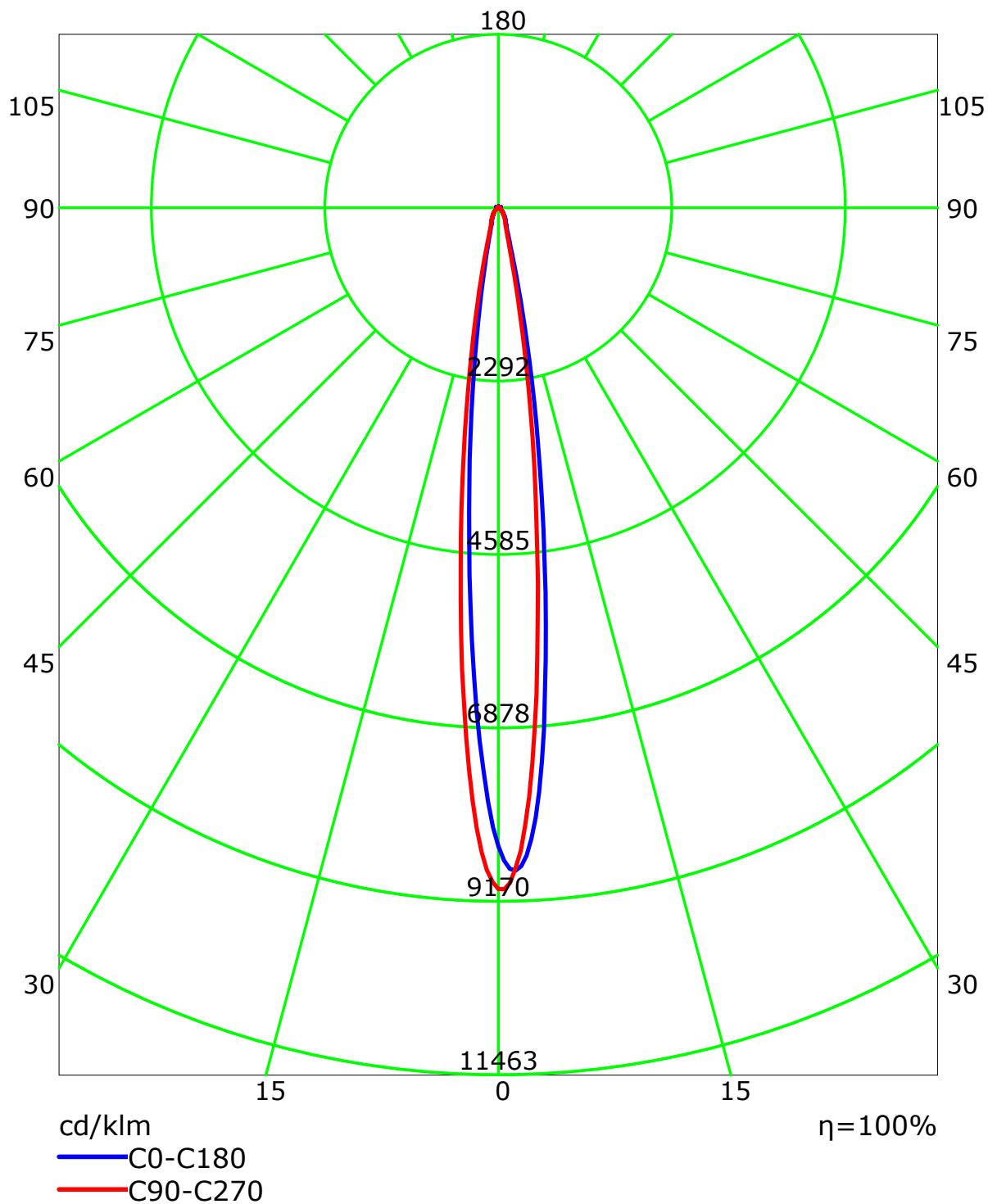
Luminous Intensity Distribution Curve



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)



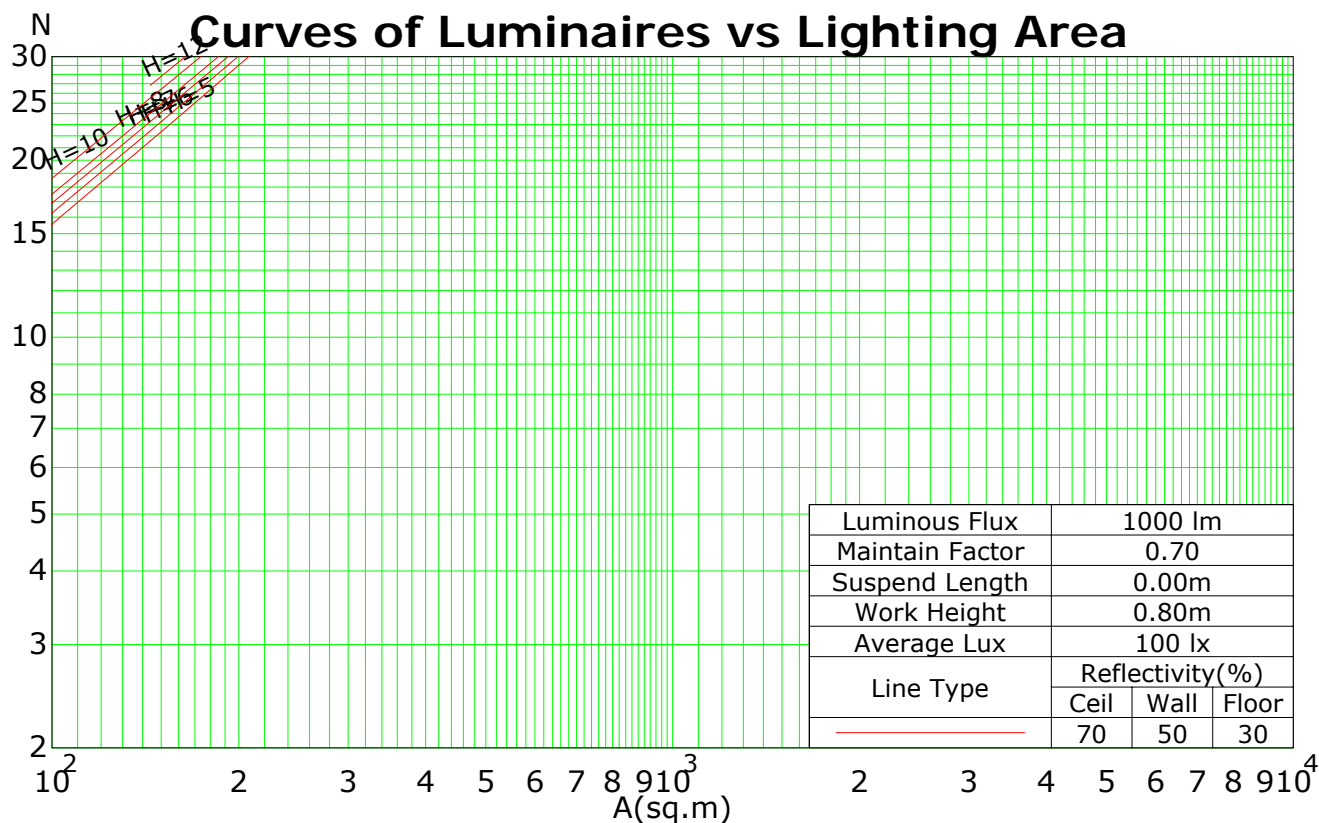
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	113	111	108	106	110	108	106	104	104	102	100	99	98	97	95	94	94	92
2	108	104	101	97	106	102	99	96	98	96	94	95	93	91	92	90	89	87
3	104	99	94	91	102	97	93	90	94	91	88	91	88	86	88	86	85	83
4	100	94	89	86	98	92	88	85	90	86	84	88	85	82	86	83	81	80
5	97	90	85	81	95	89	84	81	87	83	80	85	81	79	83	80	78	77
6	93	86	81	78	92	85	81	77	84	80	77	82	79	76	80	77	75	74
7	90	83	78	75	89	82	78	75	81	77	74	79	76	73	78	75	73	72
8	88	80	76	72	87	80	75	72	78	74	72	77	74	71	76	73	71	70
9	85	78	73	70	84	77	73	70	76	72	70	75	72	69	74	71	69	68
10	83	76	71	68	82	75	71	68	74	70	68	73	70	67	73	69	67	66

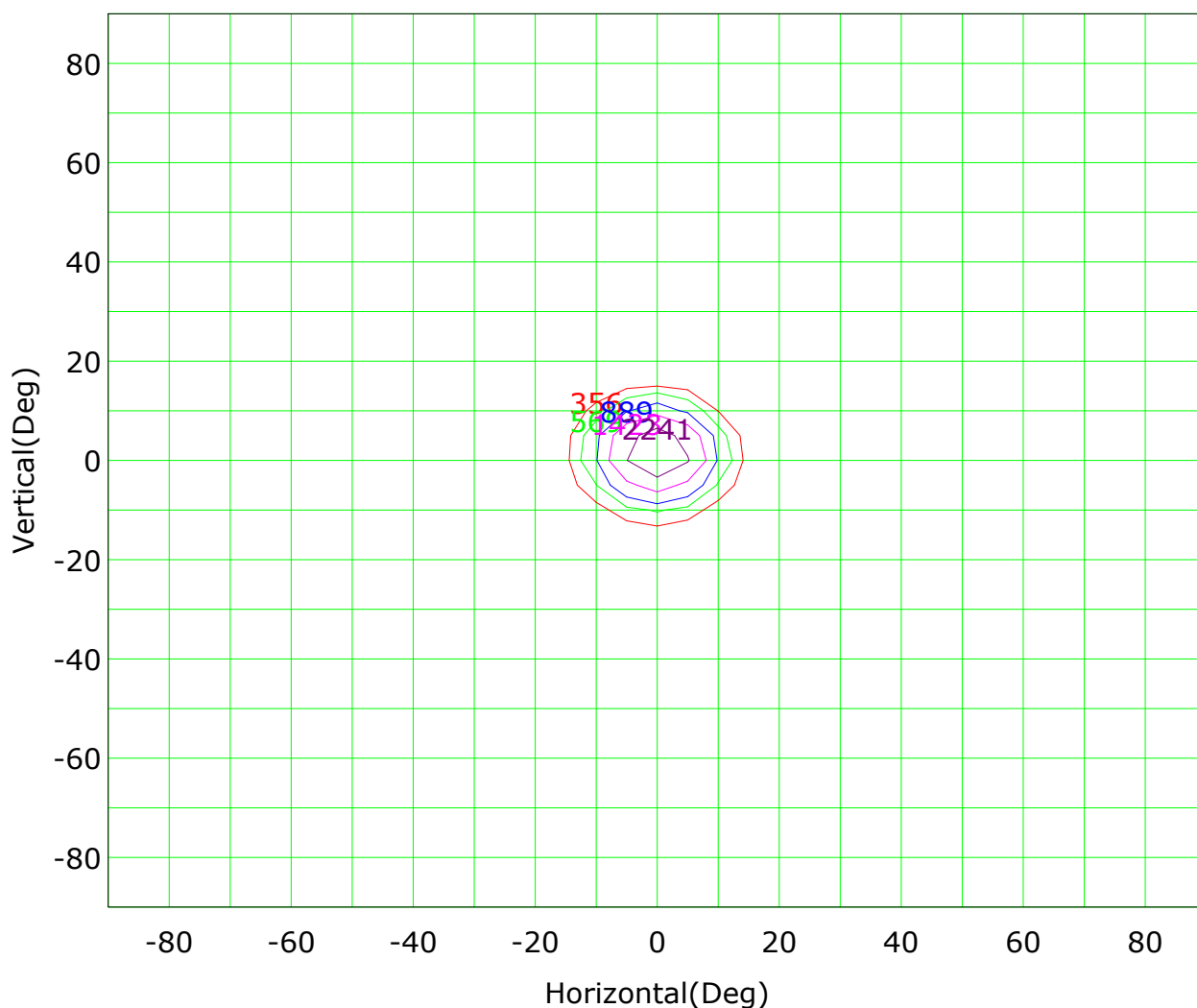
Spacing Criteria (0-180): 0.23
 Spacing Criteria (90-270): 0.22
 Spacing Criteria (Diagonal): 0.25



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)



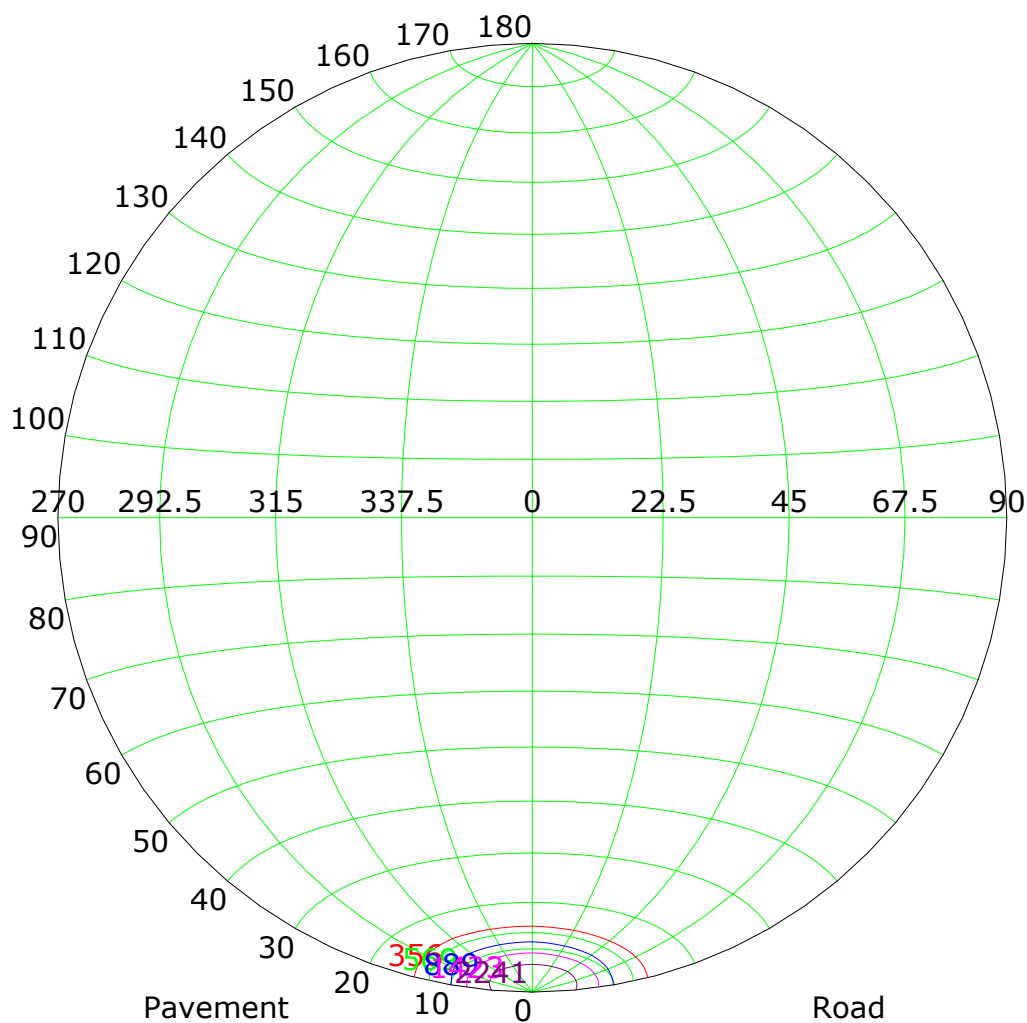
Imax (100%): 3557 cd

(10%): 356 cd	(16%): 569 cd
(25%): 889 cd	(40%): 1423 cd
(63%): 2241 cd	(100%): 3557 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%): 3557 cd

(10%): 356 cd	(16%): 569 cd
(25%): 889 cd	(40%): 1423 cd
(63%): 2241 cd	(100%): 3557 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

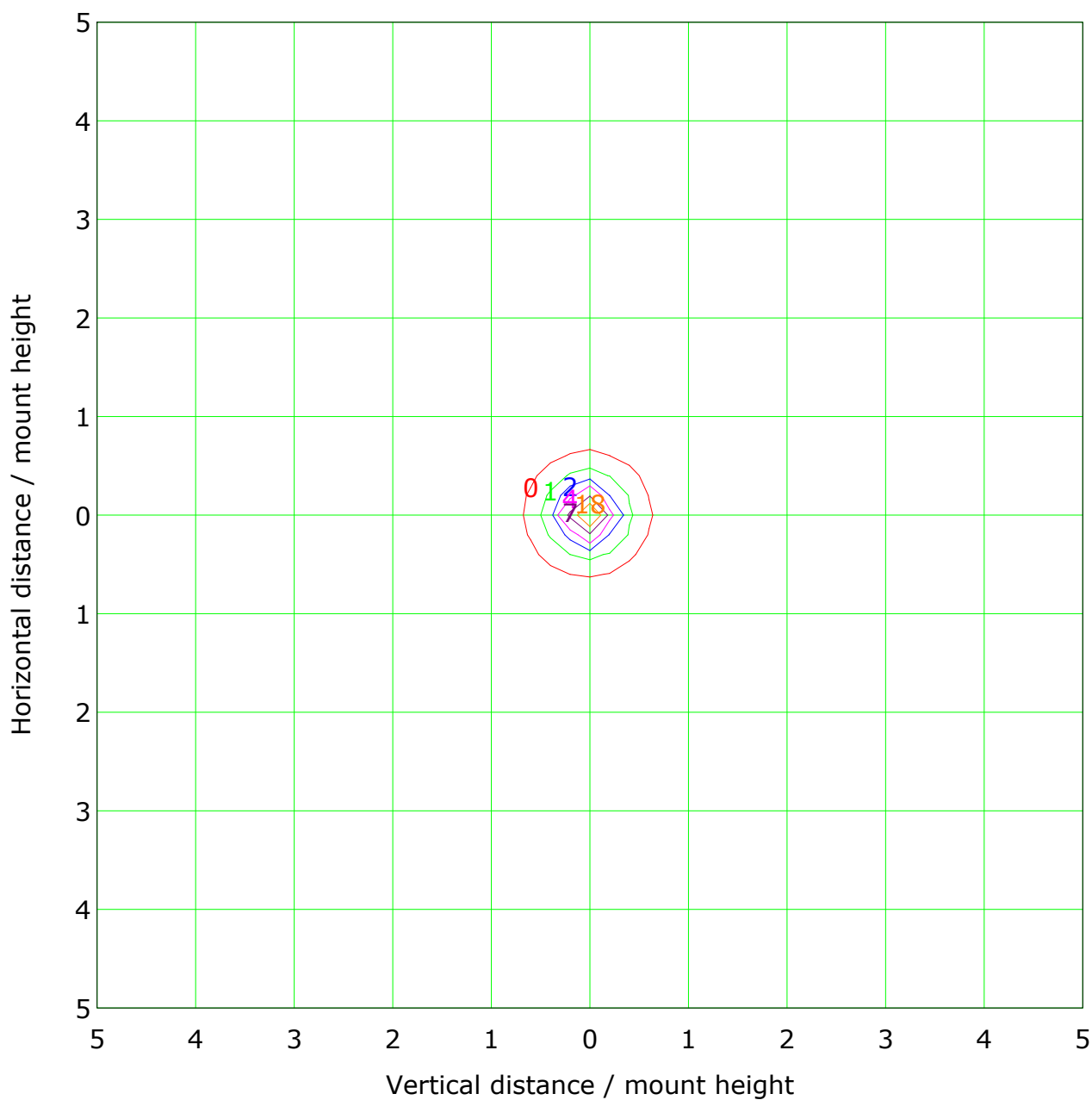
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 35.6 lx

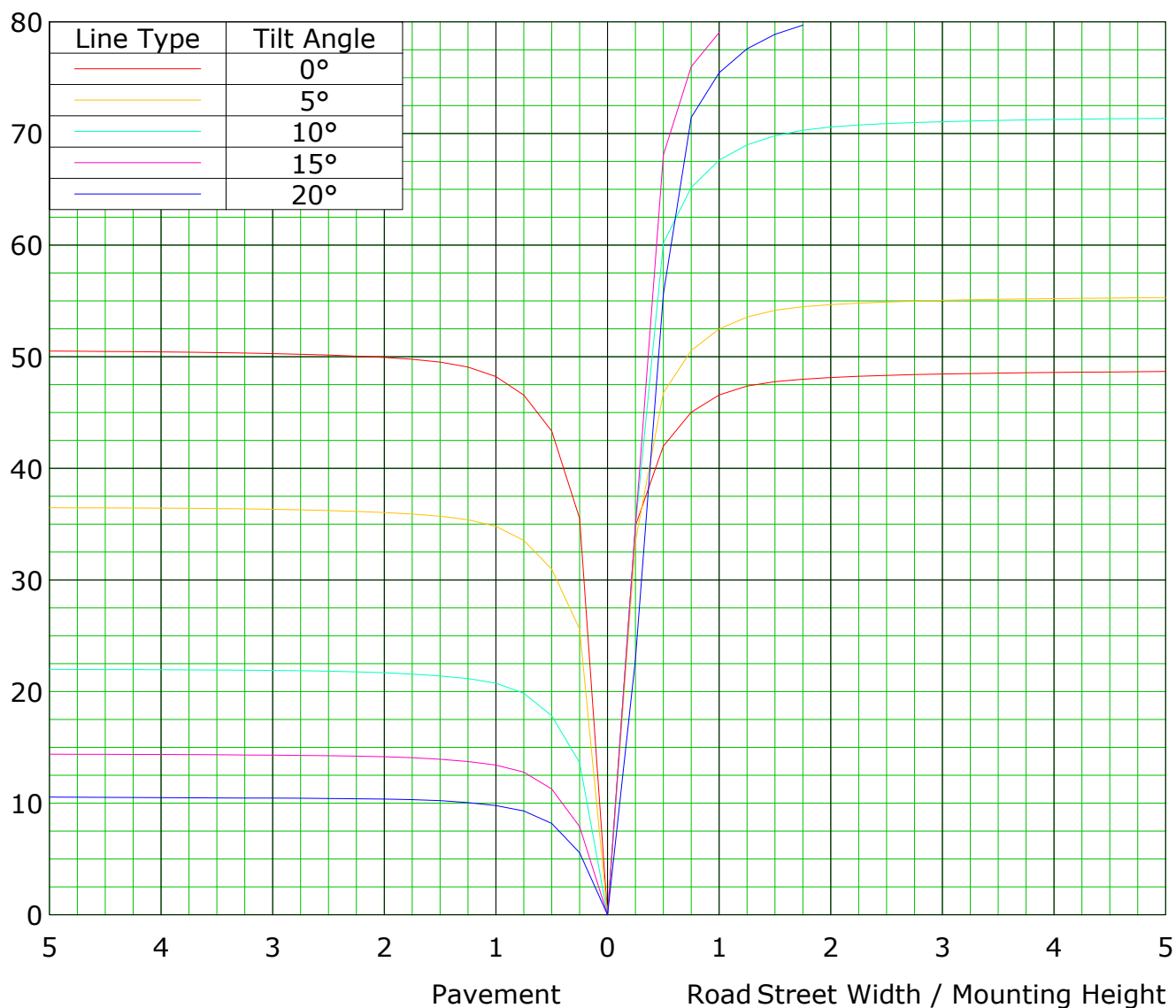
— (1%): 0.4 lx	— (2%): 0.7 lx
— (5%): 1.8 lx	— (10%): 3.6 lx
— (20%): 7.1 lx	— (50%): 17.8 lx
— (100%): 35.6 lx	

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

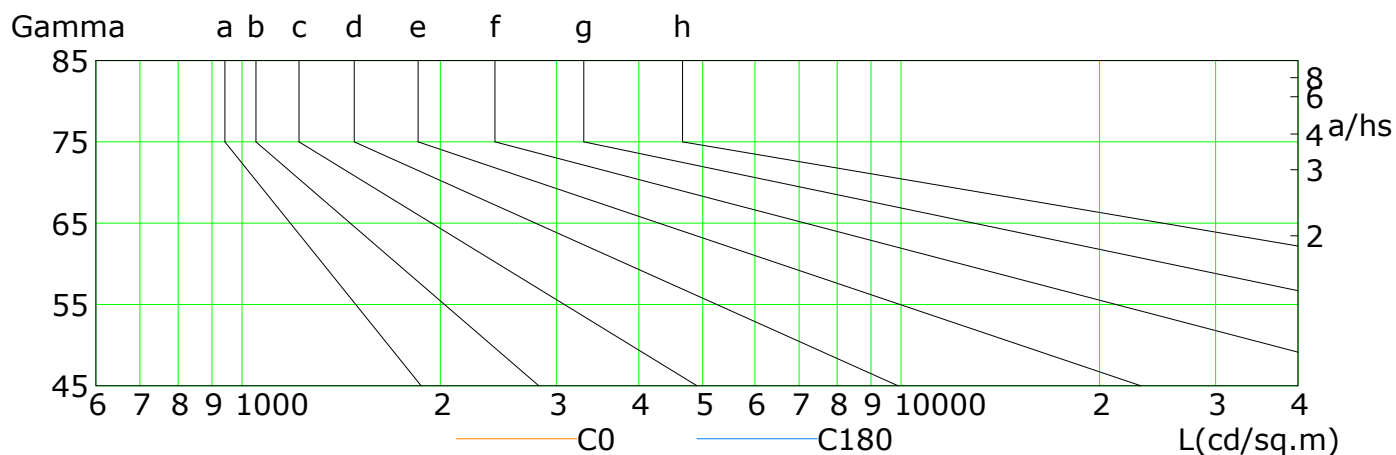
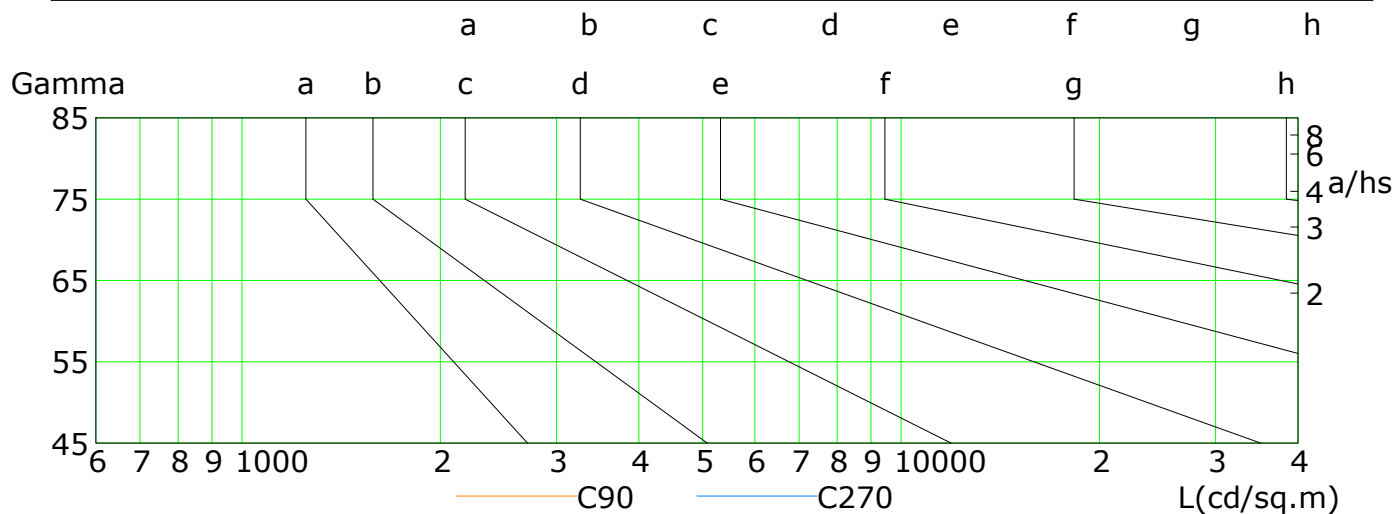
Distance: 8.177 m

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



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	29	23	13	9	7	3	2	2	4
C90	33	25	12	7	6	2	6	4	2
C180	33	25	11	6	8	7	5	3	2
C270	34	24	15	10	7	4	4	1	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

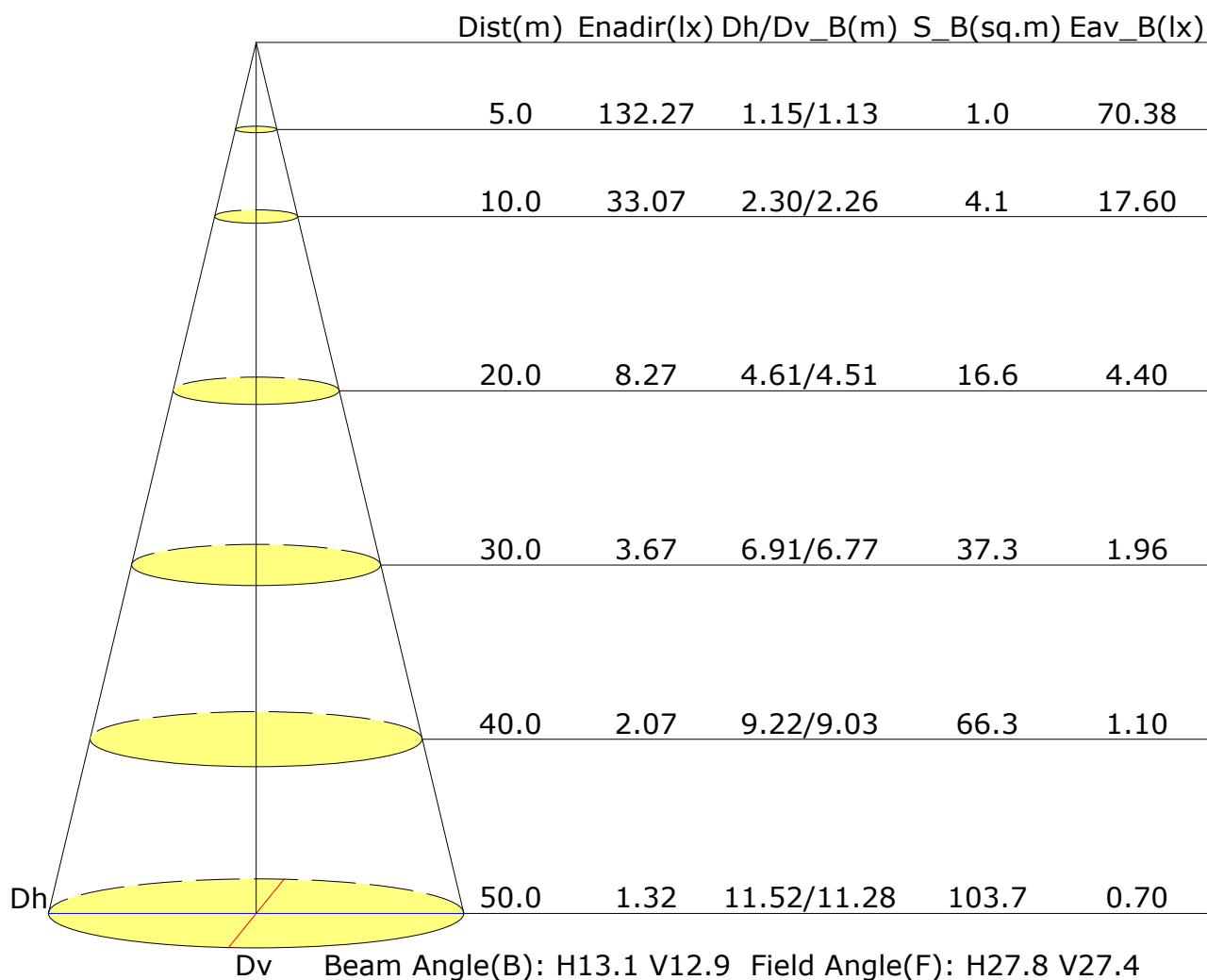
Test Device: GPM-1600

Distance: 8.177 m

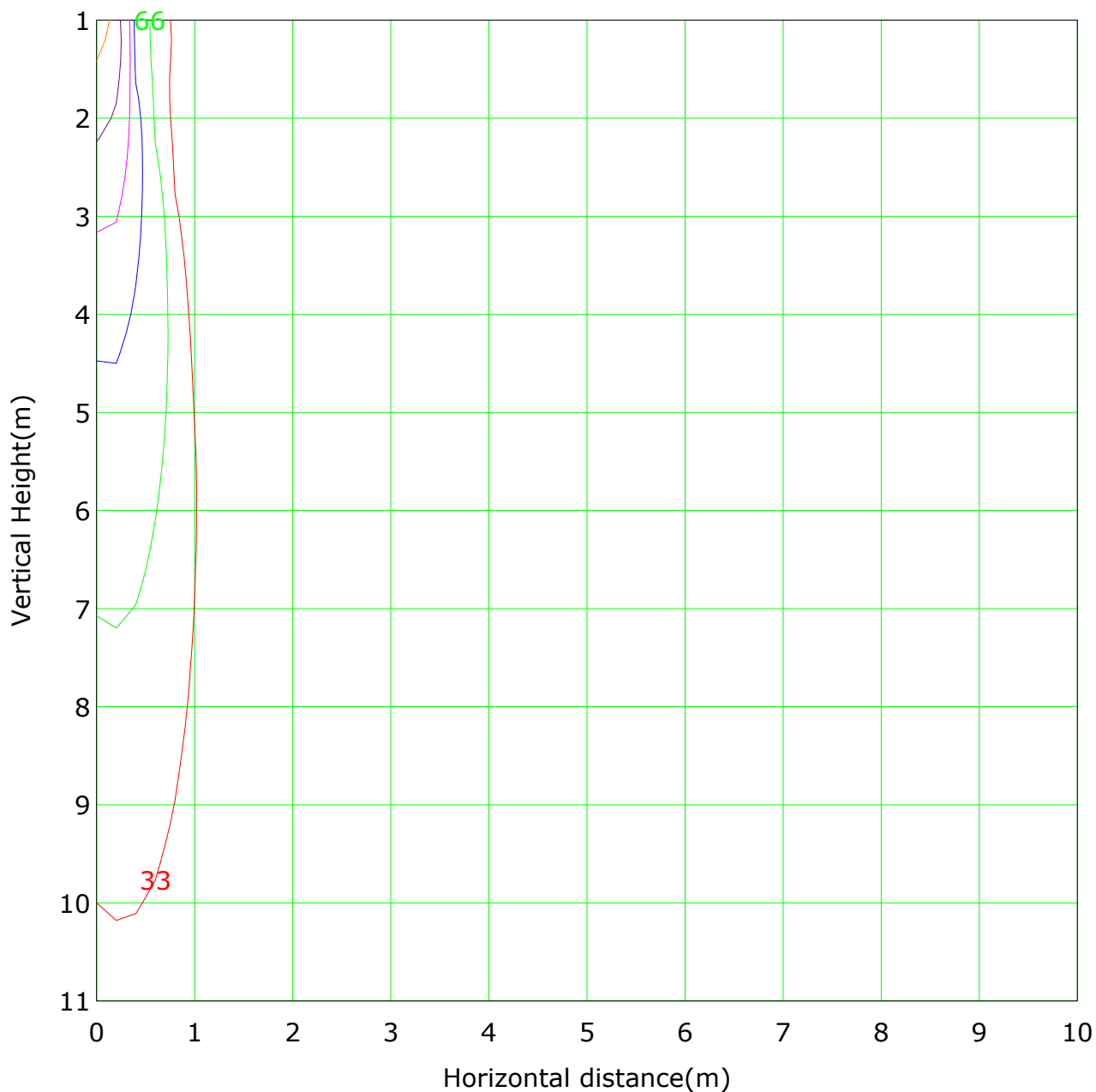
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 3306.8 lx

(1%): 33.1 lx	(2%): 66.1 lx
(5%): 165.3 lx	(10%): 330.7 lx
(20%): 661.4 lx	(50%): 1653.4 lx
(100%): 3306.8 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

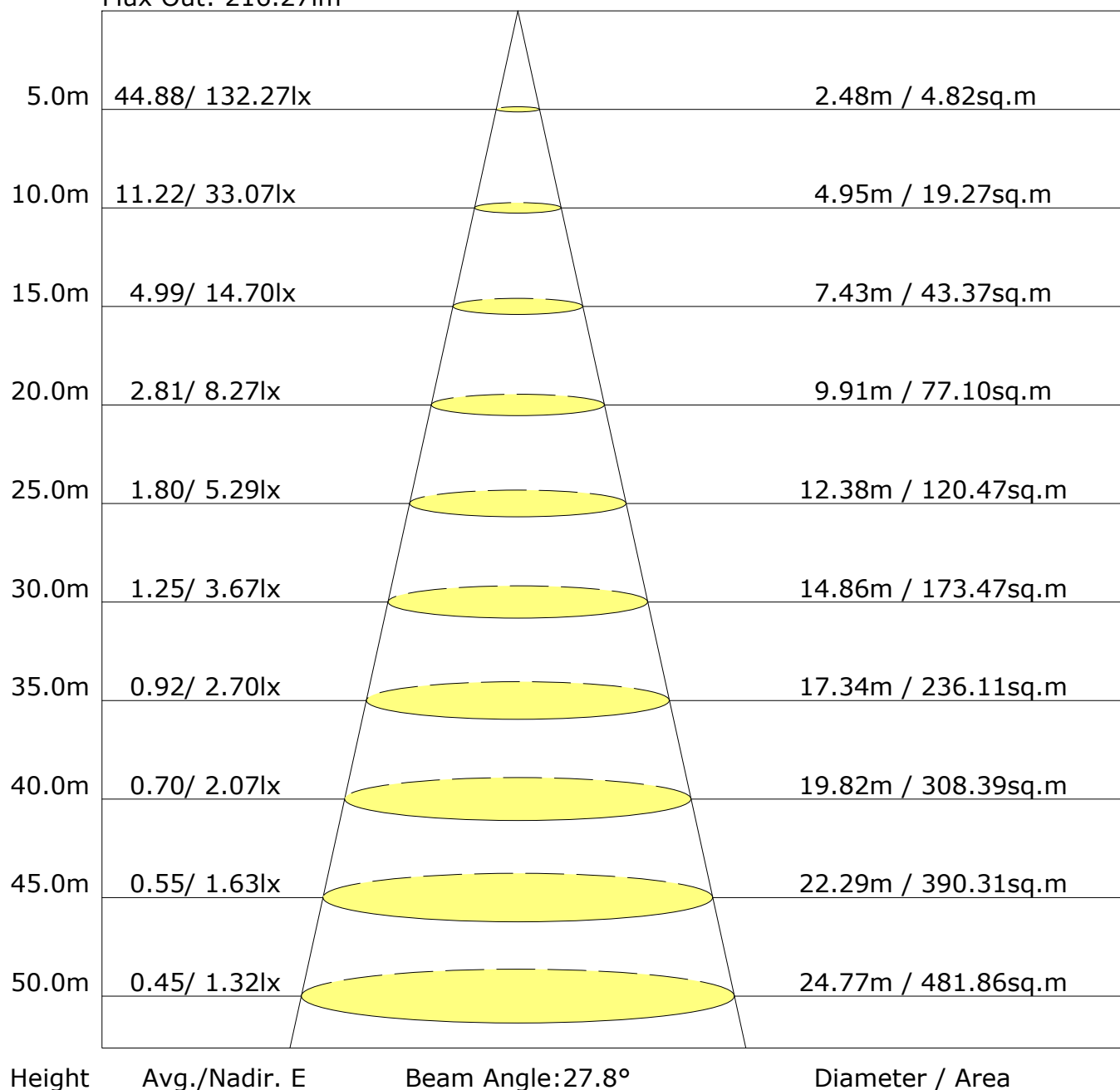
Vertical plane	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Horizontal plane	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ΦE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.6	1.2	1.8	3.2	6.4	10.3	16.2	33.7	119.0	117.8	30.7	15.3	9.7	6.0	2.8	1.7	1.3	0.6	378
	0.6	1.2	1.8	3.2	6.4	10.3	16.2	33.7	119.0	117.8	30.7	15.3	9.7	6.0	2.8	1.7	1.3	0.6	378
ΦE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	214
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	214

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: 216.27lm



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

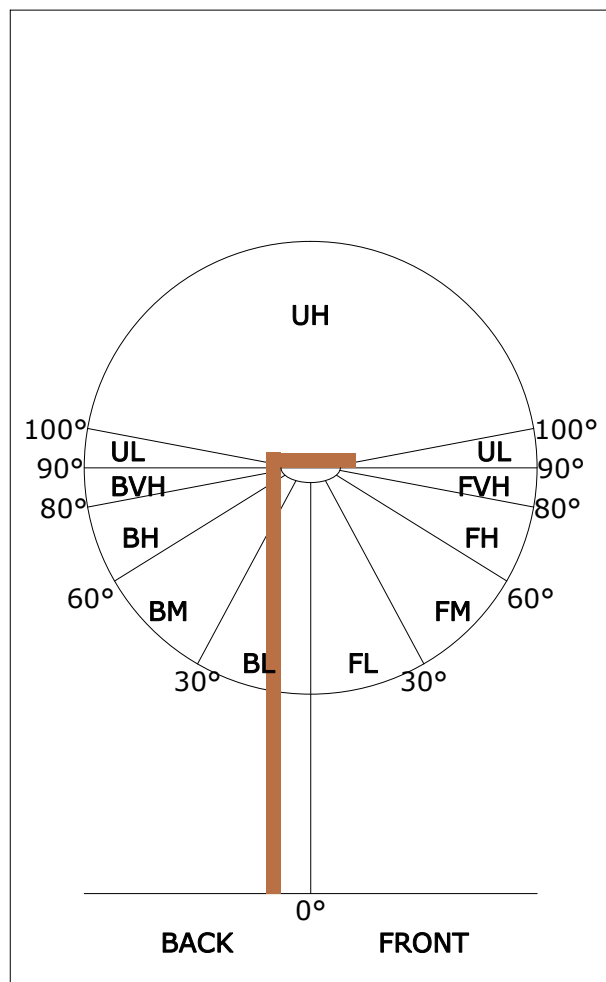
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	186	47.4
FL (0°-30°)	146	37.3
FM (30°-60°)	33	8.5
FH (60°-80°)	5	1.3
FVH (80°-90°)	1	0.3
BACK LIGHT	192	49.1
BL (0°-30°)	151	38.5
BM (30°-60°)	35	9.0
BH (60°-80°)	5	1.4
BVH (80°-90°)	1	0.3
UP LIGHT	13	3.4
UL (90°-100°)	2	0.5
UH (100°-180°)	12	3.0
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U2 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U2 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

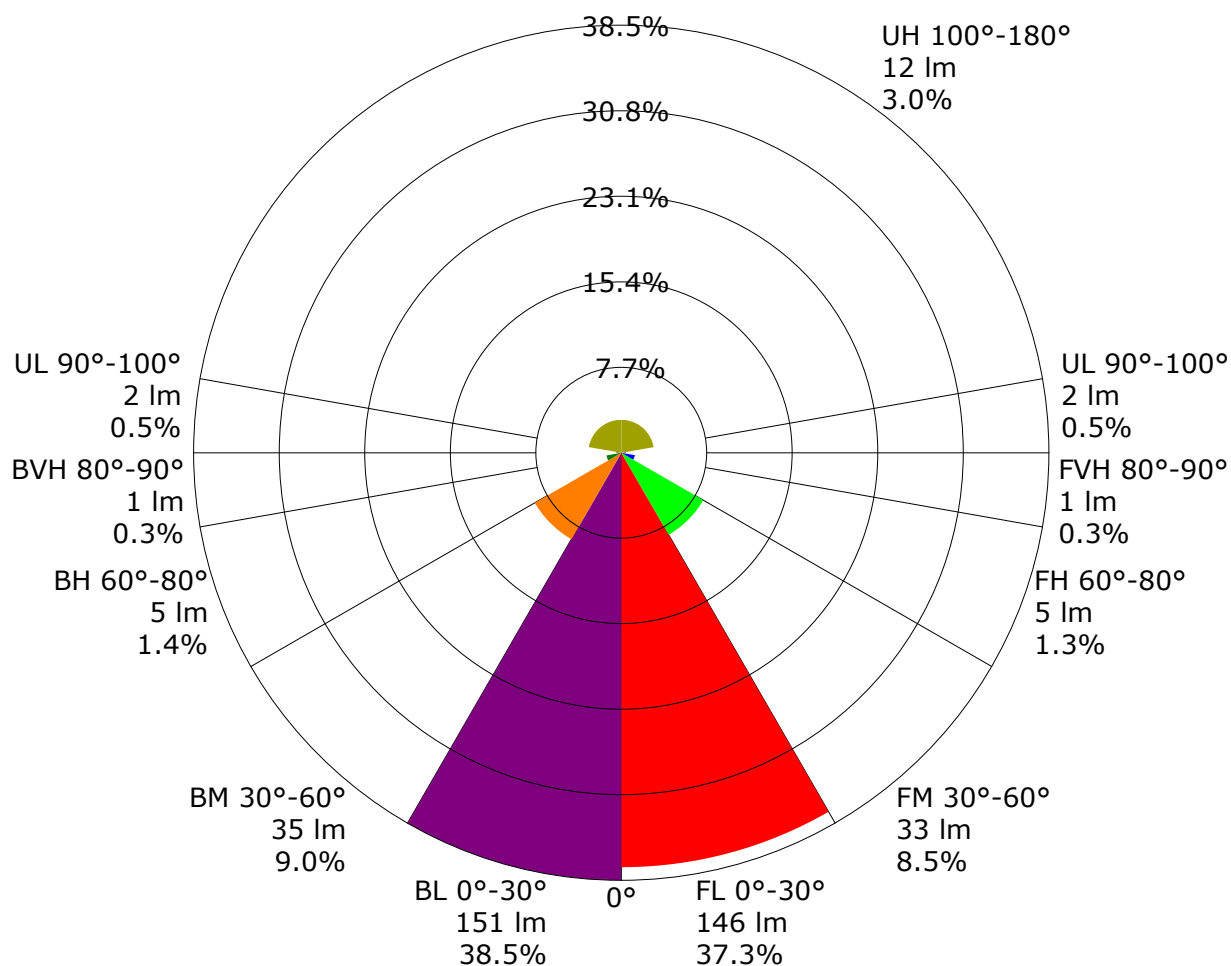
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

LCS Graph



Forward Light

Back Light

Scale= MAX LCS%

Trapped Light:NA,NA

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 = 0.50									
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	0.95	1.00	1.04	1.07	1.11	1.13	1.15	1.17	1.19	
	0.30		0.90	0.96	1.00	1.03	1.07	1.10	1.12	1.15	1.17	
	0.20		0.87	0.92	0.96	1.00	1.04	1.07	1.09	1.13	1.15	
0.50	0.50	0.20	0.93	0.98	1.01	1.04	1.07	1.09	1.11	1.13	1.14	
	0.30		0.89	0.94	0.98	1.00	1.04	1.07	1.08	1.11	1.12	
	0.20		0.86	0.91	0.95	0.98	1.02	1.04	1.06	1.09	1.11	
0.30	0.50	0.20	0.92	0.96	0.99	1.01	1.04	1.06	1.07	1.08	1.09	
	0.30		0.88	0.93	0.96	0.98	1.01	1.04	1.05	1.07	1.08	
	0.20		0.86	0.90	0.94	0.96	0.99	1.02	1.03	1.06	1.07	
0.00	0.00	0.00	0.84	0.88	0.91	0.93	0.96	0.97	0.99	1.00	1.01	
<p>Rating:5W 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>												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.50									
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	0.57	0.47	0.40	0.35	0.28	0.23	0.20	0.16	0.13	
	0.30		0.47	0.40	0.35	0.31	0.25	0.21	0.18	0.15	0.12	
	0.20		0.41	0.35	0.31	0.28	0.23	0.20	0.17	0.14	0.12	
0.50	0.50	0.20	0.53	0.44	0.37	0.32	0.26	0.26	0.18	0.14	0.11	
	0.30		0.45	0.38	0.33	0.29	0.23	0.20	0.17	0.13	0.11	
	0.20		0.39	0.33	0.29	0.26	0.21	0.18	0.16	0.13	0.11	
0.30	0.50	0.20	0.50	0.41	0.34	0.30	0.23	0.19	0.16	0.13	0.10	
	0.30		0.43	0.36	0.31	0.27	0.22	0.18	0.15	0.12	0.10	
	0.20		0.38	0.32	0.28	0.25	0.20	0.17	0.15	0.12	0.10	
0.00	0.00	0.00	0.22	0.18	0.15	0.13	0.10	0.09	0.07	0.06	0.05	
<p>Rating:5W 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 = 0.50									
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	0.17	0.18	0.20	0.21	0.22	0.23	0.24	0.25	0.26	
	0.30		0.13	0.15	0.16	0.18	0.20	0.21	0.22	0.23	0.24	
	0.20		0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.23	
0.50	0.50	0.20	0.16	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.24	
	0.30		0.12	0.14	0.16	0.17	0.19	0.20	0.21	0.22	0.23	
	0.20		0.10	0.12	0.13	0.15	0.17	0.18	0.19	0.21	0.22	
0.30	0.50	0.20	0.15	0.17	0.18	0.19	0.21	0.22	0.22	0.23	0.23	
	0.30		0.12	0.14	0.15	0.17	0.18	0.20	0.20	0.22	0.22	
	0.20		0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.21	
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
<p>Rating:5W 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	3433.2	0.8	0.8	0.21	0.21
0.5-1.0	3403.1	2.4	3.3	0.62	0.83
1.0-1.5	3341.9	4.0	7.3	1.02	1.85
1.5-2.0	3253.3	5.4	12.7	1.39	3.24
2.0-2.5	3141.7	6.8	19.5	1.73	4.97
2.5-3.0	3007.1	7.9	27.4	2.02	6.99
3.0-3.5	2856.3	8.9	36.3	2.27	9.25
3.5-4.0	2695.8	9.7	45.9	2.47	11.72
4.0-4.5	2527.8	10.3	56.2	2.62	14.34
4.5-5.0	2351.9	10.7	66.9	2.73	17.07
5.0-5.5	2171.7	10.9	77.8	2.78	19.85
5.5-6.0	1998.4	11.0	88.8	2.80	22.65
6.0-6.5	1835.5	11.0	99.7	2.80	25.45
6.5-7.0	1677.8	10.8	110.5	2.76	28.21
7.0-7.5	1526.7	10.6	121.1	2.70	30.90
7.5-8.0	1384.8	10.2	131.3	2.61	33.52
8.0-8.5	1253.2	9.9	141.2	2.52	36.03
8.5-9.0	1129.4	9.4	150.6	2.40	38.44
9.0-9.5	1012.3	8.9	159.5	2.28	40.72
9.5-10.0	904.9	8.4	167.9	2.14	42.86
10.0-10.5	806.3	7.9	175.8	2.01	44.87
10.5-11.0	716.7	7.3	183.1	1.87	46.74
11.0-11.5	635.0	6.8	189.9	1.73	48.47
11.5-12.0	563.0	6.3	196.2	1.60	50.08
12.0-12.5	499.6	5.8	202.0	1.48	51.56
12.5-13.0	444.2	5.4	207.4	1.37	52.93
13.0-13.5	396.7	5.0	212.4	1.27	54.21
13.5-14.0	354.5	4.6	217.0	1.18	55.38
14.0-14.5	318.4	4.3	221.3	1.10	56.48
14.5-15.0	287.6	4.0	225.3	1.02	57.51
15.0-15.5	260.4	3.8	229.1	0.96	58.46
15.5-16.0	236.5	3.5	232.6	0.90	59.36
16.0-16.5	216.1	3.3	235.9	0.85	60.21
16.5-17.0	199.2	3.1	239.0	0.80	61.01
17.0-17.5	184.2	3.0	242.0	0.76	61.78
17.5-18.0	170.7	2.9	244.9	0.73	62.51

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	159.8	2.7	247.6	0.70	63.21
18.5-19.0	150.1	2.6	250.3	0.68	63.88
19.0-19.5	140.8	2.5	252.8	0.65	64.53
19.5-20.0	133.3	2.5	255.3	0.63	65.16
20.0-20.5	126.9	2.4	257.7	0.61	65.78
20.5-21.0	120.6	2.3	260.1	0.60	66.37
21.0-21.5	114.8	2.3	262.3	0.58	66.96
21.5-22.0	109.7	2.2	264.6	0.57	67.52
22.0-22.5	105.5	2.2	266.8	0.56	68.08
22.5-23.0	102.1	2.2	268.9	0.55	68.64
23.0-23.5	98.2	2.1	271.0	0.54	69.18
23.5-24.0	94.6	2.1	273.1	0.53	69.71
24.0-24.5	92.3	2.1	275.2	0.53	70.24
24.5-25.0	89.8	2.1	277.3	0.53	70.77
25.0-25.5	86.8	2.0	279.3	0.52	71.29
25.5-26.0	84.5	2.0	281.3	0.51	71.80
26.0-26.5	82.6	2.0	283.3	0.51	72.31
26.5-27.0	80.7	2.0	285.3	0.51	72.82
27.0-27.5	78.7	2.0	287.3	0.50	73.32
27.5-28.0	77.2	2.0	289.3	0.50	73.83
28.0-28.5	75.6	2.0	291.2	0.50	74.33
28.5-29.0	73.5	1.9	293.2	0.49	74.82
29.0-29.5	71.3	1.9	295.1	0.49	75.31
29.5-30.0	69.1	1.9	297.0	0.48	75.79
30.0-30.5	66.9	1.8	298.8	0.47	76.26
30.5-31.0	65.4	1.8	300.6	0.47	76.73
31.0-31.5	64.1	1.8	302.5	0.47	77.20
31.5-32.0	62.0	1.8	304.2	0.46	77.65
32.0-32.5	60.3	1.8	306.0	0.45	78.10
32.5-33.0	58.7	1.7	307.8	0.44	78.55
33.0-33.5	57.3	1.7	309.5	0.44	78.99
33.5-34.0	56.2	1.7	311.2	0.44	79.42
34.0-34.5	54.5	1.7	312.9	0.43	79.85
34.5-35.0	52.4	1.6	314.5	0.42	80.27
35.0-35.5	50.3	1.6	316.1	0.41	80.68
35.5-36.0	49.0	1.6	317.7	0.40	81.08

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	47.9	1.6	319.2	0.40	81.47
36.5-37.0	46.5	1.5	320.7	0.39	81.86
37.0-37.5	45.6	1.5	322.3	0.39	82.25
37.5-38.0	43.6	1.5	323.7	0.37	82.62
38.0-38.5	42.2	1.4	325.2	0.37	82.99
38.5-39.0	41.1	1.4	326.6	0.36	83.35
39.0-39.5	39.7	1.4	327.9	0.35	83.70
39.5-40.0	38.6	1.4	329.3	0.35	84.05
40.0-40.5	37.6	1.3	330.6	0.34	84.39
40.5-41.0	37.4	1.3	332.0	0.34	84.73
41.0-41.5	36.6	1.3	333.3	0.34	85.07
41.5-42.0	35.6	1.3	334.6	0.33	85.40
42.0-42.5	35.0	1.3	335.9	0.33	85.73
42.5-43.0	34.1	1.3	337.2	0.32	86.05
43.0-43.5	33.4	1.3	338.4	0.32	86.37
43.5-44.0	33.0	1.3	339.7	0.32	86.69
44.0-44.5	33.0	1.3	340.9	0.32	87.01
44.5-45.0	32.6	1.3	342.2	0.32	87.33
45.0-45.5	31.7	1.2	343.4	0.32	87.65
45.5-46.0	31.0	1.2	344.6	0.31	87.96
46.0-46.5	29.6	1.2	345.8	0.30	88.26
46.5-47.0	28.3	1.1	346.9	0.29	88.55
47.0-47.5	28.4	1.1	348.1	0.29	88.84
47.5-48.0	27.5	1.1	349.2	0.28	89.12
48.0-48.5	25.6	1.0	350.2	0.27	89.39
48.5-49.0	25.1	1.0	351.3	0.26	89.66
49.0-49.5	24.2	1.0	352.3	0.26	89.91
49.5-50.0	23.7	1.0	353.3	0.25	90.17
50.0-50.5	22.8	1.0	354.2	0.24	90.41
50.5-51.0	21.3	0.9	355.1	0.23	90.64
51.0-51.5	20.4	0.9	356.0	0.22	90.86
51.5-52.0	19.3	0.8	356.8	0.21	91.08
52.0-52.5	18.2	0.8	357.6	0.20	91.28
52.5-53.0	17.2	0.8	358.4	0.19	91.47
53.0-53.5	16.2	0.7	359.1	0.18	91.65
53.5-54.0	14.9	0.7	359.8	0.17	91.82

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 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
54.0-54.5	13.5	0.6	360.4	0.15	91.97
54.5-55.0	13.0	0.6	360.9	0.15	92.12
55.0-55.5	12.7	0.6	361.5	0.15	92.27
55.5-56.0	11.6	0.5	362.0	0.13	92.40
56.0-56.5	11.0	0.5	362.5	0.13	92.53
56.5-57.0	11.0	0.5	363.0	0.13	92.66
57.0-57.5	10.6	0.5	363.5	0.12	92.78
57.5-58.0	10.1	0.5	364.0	0.12	92.90
58.0-58.5	9.6	0.4	364.4	0.11	93.02
58.5-59.0	9.3	0.4	364.9	0.11	93.13
59.0-59.5	8.7	0.4	365.3	0.11	93.23
59.5-60.0	8.6	0.4	365.7	0.10	93.34
60.0-60.5	8.1	0.4	366.1	0.10	93.44
60.5-61.0	7.4	0.4	366.4	0.09	93.53
61.0-61.5	7.6	0.4	366.8	0.09	93.62
61.5-62.0	7.6	0.4	367.2	0.09	93.71
62.0-62.5	6.9	0.3	367.5	0.09	93.80
62.5-63.0	6.7	0.3	367.8	0.08	93.88
63.0-63.5	6.7	0.3	368.2	0.08	93.97
63.5-64.0	6.1	0.3	368.5	0.08	94.04
64.0-64.5	6.2	0.3	368.8	0.08	94.12
64.5-65.0	6.3	0.3	369.1	0.08	94.20
65.0-65.5	6.4	0.3	369.4	0.08	94.28
65.5-66.0	6.1	0.3	369.7	0.08	94.36
66.0-66.5	5.7	0.3	370.0	0.07	94.43
66.5-67.0	5.8	0.3	370.3	0.07	94.51
67.0-67.5	5.3	0.3	370.5	0.07	94.57
67.5-68.0	4.4	0.2	370.8	0.06	94.63
68.0-68.5	4.6	0.2	371.0	0.06	94.69
68.5-69.0	4.8	0.2	371.2	0.06	94.75
69.0-69.5	4.7	0.2	371.5	0.06	94.82
69.5-70.0	4.9	0.3	371.7	0.06	94.88
70.0-70.5	4.4	0.2	372.0	0.06	94.94
70.5-71.0	4.1	0.2	372.2	0.05	94.99
71.0-71.5	4.4	0.2	372.4	0.06	95.05
71.5-72.0	4.5	0.2	372.6	0.06	95.11

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	5.2	0.3	372.9	0.07	95.18
72.5-73.0	5.0	0.3	373.2	0.07	95.25
73.0-73.5	4.2	0.2	373.4	0.06	95.30
73.5-74.0	4.1	0.2	373.6	0.06	95.36
74.0-74.5	3.9	0.2	373.8	0.05	95.41
74.5-75.0	4.1	0.2	374.0	0.06	95.47
75.0-75.5	4.3	0.2	374.3	0.06	95.53
75.5-76.0	4.0	0.2	374.5	0.05	95.58
76.0-76.5	3.8	0.2	374.7	0.05	95.63
76.5-77.0	3.8	0.2	374.9	0.05	95.68
77.0-77.5	3.2	0.2	375.1	0.04	95.73
77.5-78.0	3.4	0.2	375.2	0.05	95.77
78.0-78.5	4.4	0.2	375.5	0.06	95.83
78.5-79.0	4.0	0.2	375.7	0.06	95.89
79.0-79.5	3.7	0.2	375.9	0.05	95.94
79.5-80.0	3.5	0.2	376.1	0.05	95.99
80.0-80.5	3.6	0.2	376.3	0.05	96.04
80.5-81.0	3.3	0.2	376.5	0.05	96.08
81.0-81.5	2.4	0.1	376.6	0.03	96.12
81.5-82.0	2.4	0.1	376.7	0.03	96.15
82.0-82.5	2.6	0.1	376.9	0.04	96.19
82.5-83.0	2.3	0.1	377.0	0.03	96.22
83.0-83.5	2.6	0.1	377.1	0.04	96.25
83.5-84.0	2.1	0.1	377.2	0.03	96.28
84.0-84.5	1.7	0.1	377.3	0.02	96.31
84.5-85.0	2.2	0.1	377.5	0.03	96.34
85.0-85.5	1.9	0.1	377.6	0.03	96.36
85.5-86.0	1.9	0.1	377.7	0.03	96.39
86.0-86.5	1.8	0.1	377.8	0.03	96.42
86.5-87.0	1.4	0.1	377.8	0.02	96.43
87.0-87.5	1.7	0.1	377.9	0.02	96.46
87.5-88.0	1.8	0.1	378.0	0.02	96.48
88.0-88.5	1.6	0.1	378.1	0.02	96.51
88.5-89.0	1.5	0.1	378.2	0.02	96.53
89.0-89.5	1.6	0.1	378.3	0.02	96.55
89.5-90.0	1.5	0.1	378.4	0.02	96.57

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	1.5	0.1	378.5	0.02	96.59
90.5-91.0	1.3	0.1	378.5	0.02	96.61
91.0-91.5	1.0	0.1	378.6	0.01	96.62
91.5-92.0	1.7	0.1	378.7	0.02	96.65
92.0-92.5	1.7	0.1	378.8	0.02	96.67
92.5-93.0	0.8	0.0	378.8	0.01	96.68
93.0-93.5	1.2	0.1	378.9	0.02	96.70
93.5-94.0	2.0	0.1	379.0	0.03	96.73
94.0-94.5	2.3	0.1	379.1	0.03	96.76
94.5-95.0	2.6	0.1	379.3	0.04	96.80
95.0-95.5	1.8	0.1	379.4	0.03	96.82
95.5-96.0	1.2	0.1	379.4	0.02	96.84
96.0-96.5	1.5	0.1	379.5	0.02	96.86
96.5-97.0	1.9	0.1	379.6	0.03	96.89
97.0-97.5	1.9	0.1	379.7	0.03	96.91
97.5-98.0	1.6	0.1	379.8	0.02	96.93
98.0-98.5	1.7	0.1	379.9	0.02	96.96
98.5-99.0	1.5	0.1	380.0	0.02	96.98
99.0-99.5	1.3	0.1	380.0	0.02	97.00
99.5-100.0	1.9	0.1	380.1	0.03	97.02
100.0-100.5	2.0	0.1	380.2	0.03	97.05
100.5-101.0	2.0	0.1	380.4	0.03	97.08
101.0-101.5	1.6	0.1	380.4	0.02	97.10
101.5-102.0	1.5	0.1	380.5	0.02	97.12
102.0-102.5	2.0	0.1	380.6	0.03	97.15
102.5-103.0	1.8	0.1	380.7	0.02	97.17
103.0-103.5	1.9	0.1	380.8	0.03	97.20
103.5-104.0	2.2	0.1	380.9	0.03	97.23
104.0-104.5	2.3	0.1	381.1	0.03	97.26
104.5-105.0	2.6	0.1	381.2	0.04	97.29
105.0-105.5	3.6	0.2	381.4	0.05	97.34
105.5-106.0	4.5	0.2	381.6	0.06	97.40
106.0-106.5	5.0	0.3	381.9	0.07	97.47
106.5-107.0	4.8	0.3	382.1	0.06	97.53
107.0-107.5	5.0	0.3	382.4	0.07	97.60
107.5-108.0	5.5	0.3	382.7	0.07	97.67

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	5.0	0.3	382.9	0.07	97.74
108.5-109.0	4.8	0.2	383.2	0.06	97.80
109.0-109.5	4.7	0.2	383.4	0.06	97.86
109.5-110.0	4.6	0.2	383.7	0.06	97.93
110.0-110.5	4.4	0.2	383.9	0.06	97.98
110.5-111.0	4.2	0.2	384.1	0.05	98.04
111.0-111.5	4.0	0.2	384.3	0.05	98.09
111.5-112.0	3.5	0.2	384.5	0.05	98.14
112.0-112.5	3.3	0.2	384.7	0.04	98.18
112.5-113.0	3.4	0.2	384.8	0.04	98.22
113.0-113.5	3.6	0.2	385.0	0.05	98.27
113.5-114.0	3.2	0.2	385.2	0.04	98.31
114.0-114.5	3.0	0.2	385.3	0.04	98.35
114.5-115.0	3.0	0.1	385.5	0.04	98.39
115.0-115.5	3.0	0.1	385.6	0.04	98.42
115.5-116.0	3.5	0.2	385.8	0.04	98.47
116.0-116.5	3.3	0.2	386.0	0.04	98.51
116.5-117.0	3.0	0.1	386.1	0.04	98.55
117.0-117.5	3.1	0.2	386.3	0.04	98.59
117.5-118.0	2.4	0.1	386.4	0.03	98.62
118.0-118.5	1.7	0.1	386.5	0.02	98.64
118.5-119.0	1.5	0.1	386.5	0.02	98.66
119.0-119.5	1.7	0.1	386.6	0.02	98.68
119.5-120.0	1.8	0.1	386.7	0.02	98.70
120.0-120.5	1.3	0.1	386.8	0.02	98.71
120.5-121.0	1.2	0.1	386.8	0.01	98.73
121.0-121.5	1.1	0.1	386.9	0.01	98.74
121.5-122.0	0.8	0.0	386.9	0.01	98.75
122.0-122.5	1.1	0.1	387.0	0.01	98.76
122.5-123.0	0.9	0.0	387.0	0.01	98.77
123.0-123.5	0.5	0.0	387.0	0.01	98.78
123.5-124.0	0.9	0.0	387.1	0.01	98.79
124.0-124.5	1.2	0.1	387.1	0.01	98.80
124.5-125.0	0.9	0.0	387.2	0.01	98.81
125.0-125.5	0.3	0.0	387.2	0.00	98.82
125.5-126.0	0.8	0.0	387.2	0.01	98.83

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	0.7	0.0	387.2	0.01	98.83
126.5-127.0	0.6	0.0	387.3	0.01	98.84
127.0-127.5	1.2	0.1	387.3	0.01	98.85
127.5-128.0	1.1	0.0	387.4	0.01	98.87
128.0-128.5	1.0	0.0	387.4	0.01	98.88
128.5-129.0	0.8	0.0	387.4	0.01	98.89
129.0-129.5	0.8	0.0	387.5	0.01	98.90
129.5-130.0	0.7	0.0	387.5	0.01	98.90
130.0-130.5	0.3	0.0	387.5	0.00	98.91
130.5-131.0	0.4	0.0	387.5	0.00	98.91
131.0-131.5	0.6	0.0	387.6	0.01	98.92
131.5-132.0	1.0	0.0	387.6	0.01	98.93
132.0-132.5	1.1	0.0	387.6	0.01	98.94
132.5-133.0	0.6	0.0	387.7	0.01	98.94
133.0-133.5	0.4	0.0	387.7	0.00	98.95
133.5-134.0	0.6	0.0	387.7	0.01	98.95
134.0-134.5	0.9	0.0	387.7	0.01	98.96
134.5-135.0	0.9	0.0	387.8	0.01	98.97
135.0-135.5	1.1	0.0	387.8	0.01	98.98
135.5-136.0	1.2	0.0	387.9	0.01	99.00
136.0-136.5	0.7	0.0	387.9	0.01	99.00
136.5-137.0	0.7	0.0	387.9	0.01	99.01
137.0-137.5	1.2	0.0	388.0	0.01	99.02
137.5-138.0	1.1	0.0	388.0	0.01	99.03
138.0-138.5	1.0	0.0	388.0	0.01	99.04
138.5-139.0	1.1	0.0	388.1	0.01	99.05
139.0-139.5	1.3	0.0	388.1	0.01	99.06
139.5-140.0	0.9	0.0	388.2	0.01	99.07
140.0-140.5	0.8	0.0	388.2	0.01	99.08
140.5-141.0	1.5	0.1	388.2	0.01	99.09
141.0-141.5	1.5	0.1	388.3	0.01	99.11
141.5-142.0	1.2	0.0	388.3	0.01	99.12
142.0-142.5	1.0	0.0	388.4	0.01	99.12
142.5-143.0	1.5	0.0	388.4	0.01	99.14
143.0-143.5	1.7	0.1	388.5	0.01	99.15
143.5-144.0	1.7	0.1	388.5	0.01	99.17

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	1.8	0.1	388.6	0.01	99.18
144.5-145.0	1.3	0.0	388.6	0.01	99.19
145.0-145.5	1.4	0.0	388.7	0.01	99.20
145.5-146.0	1.7	0.1	388.7	0.01	99.22
146.0-146.5	1.2	0.0	388.8	0.01	99.22
146.5-147.0	1.0	0.0	388.8	0.01	99.23
147.0-147.5	1.7	0.0	388.8	0.01	99.24
147.5-148.0	1.4	0.0	388.9	0.01	99.26
148.0-148.5	0.9	0.0	388.9	0.01	99.26
148.5-149.0	1.1	0.0	388.9	0.01	99.27
149.0-149.5	1.3	0.0	389.0	0.01	99.28
149.5-150.0	2.4	0.1	389.0	0.02	99.30
150.0-150.5	2.3	0.1	389.1	0.02	99.31
150.5-151.0	2.1	0.1	389.2	0.01	99.33
151.0-151.5	2.8	0.1	389.2	0.02	99.35
151.5-152.0	2.2	0.1	389.3	0.01	99.36
152.0-152.5	1.5	0.0	389.3	0.01	99.37
152.5-153.0	1.8	0.0	389.4	0.01	99.38
153.0-153.5	2.5	0.1	389.4	0.02	99.40
153.5-154.0	2.2	0.1	389.5	0.01	99.41
154.0-154.5	2.2	0.1	389.5	0.01	99.42
154.5-155.0	2.6	0.1	389.6	0.02	99.44
155.0-155.5	2.9	0.1	389.7	0.02	99.46
155.5-156.0	3.0	0.1	389.7	0.02	99.47
156.0-156.5	3.2	0.1	389.8	0.02	99.49
156.5-157.0	3.2	0.1	389.9	0.02	99.51
157.0-157.5	3.0	0.1	389.9	0.02	99.53
157.5-158.0	3.7	0.1	390.0	0.02	99.55
158.0-158.5	3.6	0.1	390.1	0.02	99.56
158.5-159.0	3.5	0.1	390.2	0.02	99.58
159.0-159.5	3.6	0.1	390.2	0.02	99.60
159.5-160.0	4.1	0.1	390.3	0.02	99.62
160.0-160.5	4.4	0.1	390.4	0.02	99.64
160.5-161.0	4.0	0.1	390.5	0.02	99.66
161.0-161.5	4.2	0.1	390.5	0.02	99.68
161.5-162.0	4.4	0.1	390.6	0.02	99.70

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	4.0	0.1	390.7	0.02	99.71
162.5-163.0	3.7	0.1	390.7	0.02	99.73
163.0-163.5	3.4	0.1	390.8	0.01	99.74
163.5-164.0	3.4	0.1	390.9	0.01	99.76
164.0-164.5	3.5	0.1	390.9	0.01	99.77
164.5-165.0	3.3	0.0	391.0	0.01	99.78
165.0-165.5	3.6	0.0	391.0	0.01	99.79
165.5-166.0	4.1	0.1	391.1	0.01	99.81
166.0-166.5	4.4	0.1	391.1	0.01	99.82
166.5-167.0	4.4	0.1	391.2	0.01	99.84
167.0-167.5	4.1	0.0	391.2	0.01	99.85
167.5-168.0	3.9	0.0	391.3	0.01	99.86
168.0-168.5	3.7	0.0	391.3	0.01	99.87
168.5-169.0	4.1	0.0	391.3	0.01	99.88
169.0-169.5	4.3	0.0	391.4	0.01	99.89
169.5-170.0	4.1	0.0	391.4	0.01	99.91
170.0-170.5	4.0	0.0	391.5	0.01	99.91
170.5-171.0	4.3	0.0	391.5	0.01	99.92
171.0-171.5	4.2	0.0	391.5	0.01	99.93
171.5-172.0	3.9	0.0	391.6	0.01	99.94
172.0-172.5	4.2	0.0	391.6	0.01	99.95
172.5-173.0	3.6	0.0	391.6	0.01	99.96
173.0-173.5	3.5	0.0	391.7	0.01	99.96
173.5-174.0	3.7	0.0	391.7	0.01	99.97
174.0-174.5	3.8	0.0	391.7	0.01	99.97
174.5-175.0	4.1	0.0	391.7	0.01	99.98
175.0-175.5	3.7	0.0	391.7	0.00	99.98
175.5-176.0	3.6	0.0	391.7	0.00	99.99
176.0-176.5	3.5	0.0	391.8	0.00	99.99
176.5-177.0	3.3	0.0	391.8	0.00	99.99
177.0-177.5	3.9	0.0	391.8	0.00	99.99
177.5-178.0	3.7	0.0	391.8	0.00	100.00
178.0-178.5	3.4	0.0	391.8	0.00	100.00
178.5-179.0	4.4	0.0	391.8	0.00	100.00
179.0-179.5	4.5	0.0	391.8	0.00	100.00
179.5-180.0	3.6	0.0	391.8	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	3306.8	3463.3	3528.7	3465.2	3306.8	3463.3	3528.7	3465.2	3306.8	
G0.5	3381.0	3522.3	3530.4	3378.0	3209.4	3372.5	3492.4	3516.9	3381.0	
G1.0	3425.8	3557.2	3497.9	3266.2	3075.4	3255.0	3430.8	3537.6	3425.8	
G1.5	3434.6	3549.9	3421.4	3128.0	2922.0	3110.0	3337.8	3520.4	3434.6	
G2.0	3412.3	3506.9	3332.8	2972.2	2767.3	2947.5	3216.6	3472.9	3412.3	
G2.5	3358.9	3429.9	3199.7	2794.7	2600.6	2786.4	3072.0	3397.1	3358.9	
G3.0	3272.6	3325.3	3055.4	2602.2	2423.4	2597.8	2912.2	3285.2	3272.6	
G3.5	3167.8	3183.6	2884.7	2417.2	2247.0	2419.2	2742.8	3165.0	3167.8	
G4.0	3033.4	3042.0	2703.5	2245.2	2072.8	2240.2	2561.2	3006.6	3033.4	
G4.5	2878.9	2874.0	2526.4	2048.6	1908.6	2062.0	2400.2	2841.8	2878.9	
G5.0	2711.6	2685.1	2317.4	1872.4	1734.1	1882.5	2217.9	2668.9	2711.6	
G5.5	2518.7	2479.7	2129.1	1704.7	1582.8	1720.1	2035.9	2486.9	2518.7	
G6.0	2348.8	2283.0	1963.3	1548.1	1441.3	1555.6	1868.3	2308.1	2348.8	
G6.5	2174.3	2108.3	1775.7	1406.2	1315.4	1420.5	1717.2	2133.4	2174.3	
G7.0	2008.8	1912.5	1613.3	1270.1	1185.0	1284.3	1566.8	1953.1	2008.8	
G7.5	1830.5	1749.6	1467.1	1144.1	1068.5	1147.3	1427.4	1799.5	1830.5	
G8.0	1682.2	1575.9	1335.9	1021.5	957.3	1027.1	1288.7	1634.0	1682.2	
G8.5	1527.0	1434.9	1202.9	919.4	858.9	920.9	1174.1	1490.1	1527.0	
G9.0	1388.3	1292.7	1066.2	806.4	764.9	819.9	1053.0	1351.2	1388.3	
G9.5	1254.7	1155.7	946.4	713.8	682.0	731.6	949.6	1220.4	1254.7	
G10.0	1135.8	1014.4	844.5	630.8	602.3	650.2	851.4	1094.9	1135.8	
G10.5	1018.9	903.9	736.6	556.3	537.7	579.1	759.5	984.9	1018.9	
G11.0	910.4	785.1	645.8	491.4	480.4	510.6	685.4	881.3	910.4	
G11.5	803.9	686.0	565.2	436.2	429.6	455.8	612.4	779.8	803.9	
G12.0	714.1	599.1	496.7	386.7	386.8	408.3	547.5	699.9	714.1	
G12.5	630.9	523.3	437.5	343.9	346.4	366.4	488.3	617.9	630.9	
G13.0	560.5	458.4	384.6	309.5	312.9	329.2	441.1	556.5	560.5	
G13.5	497.4	404.5	342.8	277.0	286.1	298.0	394.1	494.0	497.4	
G14.0	436.9	359.0	300.1	252.9	261.3	270.8	354.8	441.7	436.9	
G14.5	391.6	317.3	272.8	229.7	239.1	247.4	320.3	398.5	391.6	
G15.0	349.8	282.7	246.4	209.5	219.7	226.9	291.8	357.9	349.8	
G15.5	313.9	256.7	219.7	193.0	202.3	208.4	265.4	321.9	313.9	
G16.0	280.0	230.6	201.0	180.7	187.5	192.4	240.1	289.9	280.0	
G16.5	254.1	210.7	189.2	167.9	170.1	178.4	219.6	265.4	254.1	
G17.0	231.4	195.9	175.6	155.2	162.9	166.2	203.0	240.7	231.4	
G17.5	212.2	181.5	160.0	145.6	153.0	156.0	186.2	222.4	212.2	
G18.0	195.3	169.2	149.8	137.6	139.8	147.2	172.8	203.0	195.3	

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 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	184.1	158.7	143.6	130.0	136.1	139.4	161.3	188.4	184.1	
G19.0	171.4	149.4	133.4	123.4	125.4	132.4	150.4	173.8	171.4	
G19.5	157.2	141.3	126.3	117.6	123.1	125.1	141.3	161.6	157.2	
G20.0	151.0	132.1	120.1	111.9	117.8	120.4	134.2	152.6	151.0	
G20.5	142.4	128.4	114.5	107.8	113.0	113.6	127.1	143.6	142.4	
G21.0	131.8	120.6	109.9	103.1	108.4	110.9	120.7	133.9	131.8	
G21.5	125.3	115.6	108.1	98.9	99.7	104.9	115.2	129.4	125.3	
G22.0	119.6	112.9	101.2	96.2	96.0	100.9	108.1	123.3	119.6	
G22.5	117.6	107.6	100.4	91.9	92.8	99.3	105.8	115.0	117.6	
G23.0	109.5	105.2	94.3	90.4	94.3	94.3	101.9	113.0	109.5	
G23.5	105.3	101.5	91.5	88.1	87.2	91.2	98.6	105.2	105.3	
G24.0	101.6	98.2	88.9	83.8	84.8	88.5	95.3	104.5	101.6	
G24.5	101.8	93.8	86.6	83.9	86.9	88.5	92.4	97.1	101.8	
G25.0	95.3	91.3	84.2	81.9	84.6	83.7	87.3	97.7	95.3	
G25.5	96.0	89.8	82.1	77.4	78.4	81.4	87.5	90.9	96.0	
G26.0	93.5	86.7	80.4	78.4	76.5	82.5	82.4	88.2	93.5	
G26.5	87.5	85.3	78.5	76.8	74.8	80.7	80.3	89.4	87.5	
G27.0	85.4	82.7	78.9	72.3	73.7	79.2	81.7	83.4	85.4	
G27.5	83.2	80.6	77.1	70.3	71.9	78.0	80.0	81.3	83.2	
G28.0	84.9	78.7	72.6	71.7	73.9	76.5	75.1	79.2	84.9	
G28.5	79.2	76.7	70.7	69.9	67.5	74.6	76.8	81.4	79.2	
G29.0	77.2	74.7	68.6	64.8	65.6	72.6	75.2	79.9	77.2	
G29.5	79.3	72.7	66.8	62.8	63.3	70.0	73.7	73.9	79.3	
G30.0	73.2	70.7	64.9	60.9	65.9	63.7	67.8	76.4	73.2	
G30.5	71.1	68.8	62.7	59.0	64.3	61.8	69.4	70.2	71.1	
G31.0	69.2	66.2	60.9	61.4	62.7	64.2	67.3	68.2	69.2	
G31.5	67.3	64.3	59.1	59.6	61.0	58.3	65.5	70.5	67.3	
G32.0	69.6	62.1	57.1	54.0	59.5	56.7	63.8	64.2	69.6	
G32.5	63.7	61.1	58.2	56.7	54.0	59.3	58.2	66.8	63.7	
G33.0	66.1	59.5	56.5	51.2	52.4	53.6	56.7	65.2	66.1	
G33.5	64.3	56.4	54.9	54.2	50.9	56.3	55.1	63.3	64.3	
G34.0	58.2	56.1	53.3	53.3	53.0	54.7	58.0	57.3	58.2	
G34.5	60.9	54.4	48.7	47.5	51.4	53.3	52.2	60.0	60.9	
G35.0	54.8	52.9	50.0	45.6	49.7	51.8	50.8	54.3	54.8	
G35.5	57.3	51.4	48.6	44.2	44.9	46.1	49.4	52.8	57.3	
G36.0	55.5	47.6	43.9	42.8	46.8	49.2	48.1	55.6	55.5	
G36.5	49.4	48.2	42.3	45.6	45.5	43.4	51.3	50.7	49.4	

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 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	52.2	44.6	44.3	40.1	41.1	42.1	50.0	53.5	52.2	
G37.5	46.1	45.5	42.9	43.1	42.8	40.8	48.8	51.4	46.1	
G38.0	44.7	44.2	38.4	37.5	38.7	43.9	43.1	46.2	44.7	
G38.5	47.5	42.9	37.2	36.4	40.4	42.6	46.3	44.9	47.5	
G39.0	41.9	39.0	39.9	35.4	36.8	41.5	40.7	43.8	41.9	
G39.5	44.7	40.7	39.1	34.5	36.1	36.4	39.7	45.8	44.7	
G40.0	43.4	36.6	34.4	33.8	37.7	35.4	38.6	41.4	43.4	
G40.5	42.3	35.5	33.7	37.1	35.1	34.6	42.0	40.2	42.3	
G41.0	41.2	34.6	33.0	32.7	36.7	37.7	41.1	41.5	41.2	
G41.5	35.9	33.7	36.4	35.9	36.1	33.0	35.8	40.4	35.9	
G42.0	35.0	36.4	35.9	32.0	34.0	32.4	39.2	37.0	35.0	
G42.5	38.0	32.0	35.4	31.9	33.8	31.9	38.4	36.1	38.0	
G43.0	33.0	35.1	35.2	31.7	33.5	31.4	33.2	35.2	33.0	
G43.5	32.0	34.6	34.7	34.3	33.4	31.0	32.4	34.4	32.0	
G44.0	31.1	34.1	29.9	33.8	33.3	33.9	31.4	33.5	31.1	
G44.5	34.1	33.7	33.7	30.6	33.1	33.2	34.8	32.8	34.1	
G45.0	29.5	33.1	33.2	30.1	32.8	29.6	34.0	33.1	29.5	
G45.5	32.3	28.2	32.7	29.6	32.5	31.9	33.2	32.3	32.3	
G46.0	31.2	27.5	27.6	30.9	31.9	31.3	32.4	31.2	31.2	
G46.5	26.8	26.6	31.2	28.5	31.4	27.8	27.5	29.8	26.8	
G47.0	25.8	25.9	26.2	29.5	30.6	29.7	26.4	29.1	25.8	
G47.5	28.2	29.5	29.8	27.2	30.3	29.0	29.5	28.2	28.2	
G48.0	23.9	24.3	24.8	26.3	29.0	28.2	24.5	27.3	23.9	
G48.5	22.9	23.5	24.0	25.3	28.6	27.2	23.7	26.5	22.9	
G49.0	25.2	22.5	23.2	25.2	27.0	24.4	26.4	25.2	25.2	
G49.5	21.2	21.7	22.4	23.7	25.9	23.6	25.6	24.0	21.2	
G50.0	23.2	25.0	25.2	22.8	24.6	22.8	24.3	23.0	23.2	
G50.5	19.5	19.7	20.1	21.4	24.4	23.2	23.1	21.8	19.5	
G51.0	21.2	23.1	18.8	19.9	23.0	20.8	18.5	22.2	21.2	
G51.5	17.7	22.1	21.0	18.3	20.1	19.8	21.0	19.7	17.7	
G52.0	19.2	16.5	19.5	17.3	19.9	18.6	16.8	20.6	19.2	
G52.5	18.3	15.3	17.8	16.1	18.3	17.6	19.2	19.7	18.3	
G53.0	15.4	18.2	16.1	15.0	14.7	17.0	18.3	19.0	15.4	
G53.5	14.7	16.9	14.7	12.9	15.5	15.6	17.4	18.3	14.7	
G54.0	15.7	11.7	13.6	13.5	12.4	14.8	13.5	17.5	15.7	
G54.5	13.3	14.8	10.4	12.9	11.6	14.1	12.9	14.0	13.3	
G55.0	12.7	13.8	12.1	12.4	10.9	13.5	15.1	13.3	12.7	

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 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	13.5	13.3	11.3	12.0	12.9	12.4	11.6	12.6	13.5	
G56.0	11.6	8.9	8.9	9.3	12.4	12.6	11.1	11.7	11.6	
G56.5	12.1	12.0	8.6	11.4	12.0	12.1	10.7	11.1	12.1	
G57.0	10.8	8.0	9.4	8.2	11.5	11.7	12.8	14.1	10.8	
G57.5	10.4	10.9	8.9	10.7	8.1	11.4	12.2	9.9	10.4	
G58.0	10.6	10.6	7.7	7.4	7.7	9.5	11.9	13.3	10.6	
G58.5	9.6	7.2	7.5	7.0	10.8	9.1	11.3	12.8	9.6	
G59.0	9.5	9.7	7.5	9.9	10.6	8.7	8.6	8.4	9.5	
G59.5	9.0	9.4	7.3	6.2	6.8	8.2	8.1	12.1	9.0	
G60.0	8.8	6.6	7.2	9.4	6.4	10.0	10.0	11.7	8.8	
G60.5	8.4	6.3	7.2	5.4	6.0	7.5	7.6	11.4	8.4	
G61.0	8.2	8.4	6.0	5.2	5.8	9.6	9.1	6.8	8.2	
G61.5	8.0	6.0	6.8	8.7	5.4	9.4	7.0	10.8	8.0	
G62.0	7.0	5.9	5.3	8.4	9.1	6.4	6.8	10.4	7.0	
G62.5	6.7	5.9	6.7	8.3	4.7	6.1	6.6	5.8	6.7	
G63.0	7.4	5.6	4.7	8.2	8.7	8.9	7.7	5.5	7.4	
G63.5	6.1	5.5	4.5	8.1	8.4	5.5	7.4	5.3	6.1	
G64.0	7.2	6.7	6.6	3.5	4.0	8.6	6.0	5.0	7.2	
G64.5	5.5	6.4	4.0	7.7	8.1	8.4	5.9	4.8	5.5	
G65.0	6.8	5.4	6.4	3.3	8.0	4.8	6.6	8.9	6.8	
G65.5	5.0	5.4	6.3	7.5	7.9	4.5	6.2	8.7	5.0	
G66.0	4.8	5.4	6.4	2.9	7.7	8.1	6.0	4.2	4.8	
G66.5	4.5	5.5	6.3	2.9	7.5	4.1	5.8	8.2	4.5	
G67.0	4.3	5.3	6.3	7.2	7.5	3.9	5.5	8.1	4.3	
G67.5	6.2	5.0	2.7	7.0	3.0	3.8	5.3	3.8	6.2	
G68.0	4.0	5.2	2.6	2.7	7.2	3.6	5.0	3.6	4.0	
G68.5	6.1	5.3	6.2	2.5	2.9	3.4	5.0	7.5	6.1	
G69.0	6.0	5.3	2.2	6.7	2.9	3.2	4.9	7.3	6.0	
G69.5	5.9	4.3	6.2	2.5	2.8	7.3	4.8	3.3	5.9	
G70.0	3.3	4.1	2.1	6.4	6.7	7.3	4.3	6.9	3.3	
G70.5	3.2	3.9	1.9	6.3	2.8	2.8	4.8	3.2	3.2	
G71.0	3.2	5.4	1.8	2.3	6.3	7.0	4.7	6.6	3.2	
G71.5	2.9	5.4	1.8	6.1	2.7	6.9	4.7	3.2	2.9	
G72.0	2.8	5.4	1.8	6.0	6.0	6.9	3.6	6.3	2.8	
G72.5	5.6	5.4	6.0	5.8	5.9	6.8	3.5	6.1	5.6	
G73.0	2.5	3.3	6.0	5.6	2.7	6.9	4.7	3.0	2.5	
G73.5	2.6	5.6	1.5	5.6	2.7	6.7	4.6	3.0	2.6	

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	5.4	5.6	1.5	5.5	2.6	2.5	4.6	5.6	5.4	
G74.5	2.2	5.8	1.4	2.3	2.6	6.9	2.9	5.4	2.2	
G75.0	2.2	2.9	5.6	5.4	5.3	6.9	4.5	3.0	2.2	
G75.5	5.3	5.9	1.2	5.6	5.2	2.7	4.5	3.0	5.3	
G76.0	5.3	5.9	1.1	5.8	2.9	2.8	4.5	3.0	5.3	
G76.5	1.9	5.9	1.1	3.4	3.2	7.0	4.5	3.2	1.9	
G77.0	1.9	6.0	1.1	3.5	5.2	7.3	2.2	3.2	1.9	
G77.5	1.8	2.6	1.2	3.8	2.9	3.2	2.2	3.2	1.8	
G78.0	1.9	6.1	4.7	4.0	4.3	7.2	2.1	3.4	1.9	
G78.5	5.3	6.2	4.5	4.3	2.5	7.0	1.9	4.3	5.3	
G79.0	5.3	2.5	4.2	4.6	4.0	2.6	1.6	3.8	5.3	
G79.5	1.8	6.2	1.1	6.2	3.9	2.5	4.2	4.3	1.8	
G80.0	1.5	6.0	3.9	5.2	2.6	2.1	1.2	4.1	1.5	
G80.5	1.3	6.0	3.8	5.2	3.8	5.4	0.9	4.1	1.3	
G81.0	4.7	1.8	1.1	5.9	3.5	1.3	0.8	3.9	4.7	
G81.5	1.1	1.6	1.1	4.9	2.3	0.9	0.6	3.5	1.1	
G82.0	4.7	1.4	1.1	4.7	2.3	4.2	0.5	3.2	4.7	
G82.5	0.9	5.4	3.0	3.9	2.1	0.7	0.3	2.7	0.9	
G83.0	4.5	0.8	1.2	2.8	2.7	3.8	0.3	2.2	4.5	
G83.5	4.5	4.8	2.6	2.1	2.1	3.6	0.2	3.3	4.5	
G84.0	0.7	0.3	1.3	2.2	2.5	0.6	0.1	1.9	0.7	
G84.5	0.6	4.6	1.4	2.2	2.1	3.3	0.0	3.2	0.6	
G85.0	4.1	0.0	2.2	1.5	2.3	3.2	3.6	1.3	4.1	
G85.5	0.3	0.0	1.6	1.5	2.1	2.9	0.0	3.2	0.3	
G86.0	4.1	4.2	2.1	2.5	2.2	0.3	0.0	3.0	4.1	
G86.5	4.0	0.0	2.0	1.2	2.0	0.3	0.0	0.7	4.0	
G87.0	0.3	0.0	2.1	1.2	2.1	2.5	3.5	0.6	0.3	
G87.5	0.2	4.3	1.9	2.6	2.1	0.3	3.5	0.5	0.2	
G88.0	4.1	0.0	1.6	0.9	2.0	0.3	3.4	0.3	4.1	
G88.5	0.2	4.2	1.5	0.7	1.9	0.3	3.4	0.2	0.2	
G89.0	0.2	0.0	2.3	0.5	1.9	0.5	3.4	3.2	0.2	
G89.5	4.0	0.0	1.1	0.3	1.9	0.5	3.4	3.2	4.0	
G90.0	3.9	0.0	2.3	0.2	1.6	1.8	0.0	0.0	3.9	
G90.5	3.9	0.0	0.6	2.7	1.8	1.8	3.2	0.0	3.9	
G91.0	0.0	0.0	0.3	0.0	1.9	1.6	0.0	3.2	0.0	
G91.5	0.0	3.4	0.2	2.8	1.6	0.8	0.0	0.0	0.0	
G92.0	3.6	3.3	2.3	2.8	1.8	1.5	3.3	0.0	3.6	

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	3.6	0.0	0.1	2.9	1.8	0.8	0.0	0.0	3.6	
G93.0	0.0	0.0	0.0	0.0	2.0	1.1	0.0	0.0	0.0	
G93.5	3.5	3.0	0.0	2.9	2.0	1.3	3.3	0.0	3.5	
G94.0	0.0	2.9	2.8	3.0	2.0	1.2	0.0	3.3	0.0	
G94.5	3.6	2.8	2.9	3.2	2.0	1.2	3.3	3.3	3.6	
G95.0	3.6	2.8	0.0	3.2	2.1	1.1	3.2	3.4	3.6	
G95.5	3.6	2.8	0.0	0.0	2.2	0.9	0.0	0.0	3.6	
G96.0	0.0	0.0	0.0	3.3	2.2	1.3	3.3	0.0	0.0	
G96.5	0.0	2.8	0.0	3.3	2.5	1.4	3.2	0.0	0.0	
G97.0	3.9	2.7	0.0	0.0	2.2	1.4	3.3	3.4	3.9	
G97.5	3.9	2.7	0.0	0.0	2.2	1.3	3.3	0.0	3.9	
G98.0	0.1	2.6	3.5	3.4	2.2	0.2	0.0	0.0	0.1	
G98.5	4.0	2.5	0.0	0.0	2.2	0.1	3.2	3.3	4.0	
G99.0	0.1	2.3	0.0	0.0	2.2	0.0	0.0	3.3	0.1	
G99.5	4.1	0.6	3.5	3.3	2.1	0.0	0.0	0.0	4.1	
G100.0	4.1	0.7	3.6	3.4	2.1	0.0	3.0	0.0	4.1	
G100.5	0.2	0.7	3.6	3.4	2.0	1.6	2.9	0.0	0.2	
G101.0	4.1	2.0	0.0	3.4	2.0	0.0	2.8	3.0	4.1	
G101.5	0.3	1.9	3.8	0.0	2.0	0.0	0.0	0.0	0.3	
G102.0	0.3	1.6	3.6	3.3	3.3	1.5	0.0	2.8	0.3	
G102.5	4.1	1.6	0.0	3.4	2.1	1.5	2.7	0.0	4.1	
G103.0	0.5	1.6	0.0	0.0	4.1	1.5	2.7	2.7	0.5	
G103.5	4.2	1.3	0.0	4.3	3.6	1.6	0.0	2.7	4.2	
G104.0	0.6	1.4	0.0	0.8	6.3	1.8	3.2	2.6	0.6	
G104.5	0.7	1.3	0.5	6.1	7.3	0.0	3.6	0.0	0.7	
G105.0	4.6	1.4	1.6	2.7	6.6	1.8	4.0	0.0	4.6	
G105.5	1.9	1.6	6.8	7.9	7.6	1.9	4.1	2.3	1.9	
G106.0	6.8	2.3	4.3	8.2	8.6	0.0	4.7	2.6	6.8	
G106.5	4.5	3.4	9.4	8.4	11.6	2.0	0.1	2.3	4.5	
G107.0	5.8	4.6	6.7	8.6	9.5	0.0	0.0	0.0	5.8	
G107.5	7.2	5.6	7.6	8.3	12.3	2.1	1.9	0.0	7.2	
G108.0	8.4	6.3	7.2	8.0	9.6	2.1	0.0	1.6	8.4	
G108.5	9.7	8.8	1.9	3.8	9.4	0.0	1.8	1.4	9.7	
G109.0	10.7	9.5	4.9	3.4	9.1	0.0	1.8	0.0	10.7	
G109.5	11.4	9.9	1.8	2.2	8.7	0.0	1.6	0.0	11.4	
G110.0	15.0	7.9	0.0	1.5	8.3	2.2	1.6	1.2	15.0	
G110.5	11.9	9.9	0.0	0.9	7.7	0.0	1.6	0.9	11.9	

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	11.7	6.6	1.4	0.0	10.9	2.3	0.0	0.9	11.7	
G111.5	11.3	6.1	0.0	2.7	10.6	0.0	0.0	0.0	11.3	
G112.0	10.7	4.5	0.0	0.0	6.9	2.5	1.5	0.1	10.7	
G112.5	10.1	6.1	1.2	0.0	6.9	0.0	1.4	0.2	10.1	
G113.0	12.3	1.6	0.0	2.2	10.8	0.0	1.4	0.5	12.3	
G113.5	11.7	4.0	0.0	0.0	10.8	0.0	1.4	0.3	11.7	
G114.0	11.1	3.5	0.0	0.0	7.2	0.0	1.3	0.2	11.1	
G114.5	10.7	3.3	0.7	2.0	7.2	0.0	1.2	0.1	10.7	
G115.0	10.4	0.0	0.0	2.0	7.0	2.5	0.0	0.7	10.4	
G115.5	10.2	0.0	0.5	2.1	11.4	0.0	0.0	0.8	10.2	
G116.0	10.2	2.9	0.2	2.0	11.7	2.5	0.0	0.9	10.2	
G116.5	7.7	0.0	0.2	0.3	12.1	2.5	0.0	0.0	7.7	
G117.0	10.2	0.0	0.1	2.1	12.2	0.0	1.1	0.0	10.2	
G117.5	10.2	2.7	0.6	1.6	7.5	0.0	0.0	1.3	10.2	
G118.0	10.4	0.0	0.0	0.0	0.0	2.5	0.9	0.0	10.4	
G118.5	10.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	10.6	
G119.0	8.6	0.0	0.0	1.1	0.0	0.0	0.8	0.0	8.6	
G119.5	10.8	0.0	0.0	0.9	2.5	2.3	0.0	0.0	10.8	
G120.0	5.4	2.9	1.2	0.2	0.0	2.5	0.0	0.0	5.4	
G120.5	1.4	0.0	0.0	0.2	2.5	2.3	0.0	1.9	1.4	
G121.0	1.5	3.0	1.3	0.3	2.5	0.0	0.0	1.9	1.5	
G121.5	1.4	3.0	1.4	0.6	0.0	0.0	0.5	0.0	1.4	
G122.0	0.0	3.0	0.0	0.5	2.5	0.0	0.1	0.0	0.0	
G122.5	1.3	2.9	1.6	0.6	0.0	2.2	0.5	2.1	1.3	
G123.0	0.0	0.0	0.0	0.3	0.0	2.1	0.3	0.0	0.0	
G123.5	0.0	2.8	1.9	0.8	0.0	0.0	0.3	0.0	0.0	
G124.0	0.0	2.8	0.0	0.8	2.2	2.0	0.3	0.0	0.0	
G124.5	1.2	2.7	2.0	0.9	0.0	2.0	0.2	2.3	1.2	
G125.0	1.2	0.0	2.0	0.0	0.0	0.0	0.5	0.0	1.2	
G125.5	0.0	0.0	0.0	1.1	0.0	0.0	0.1	0.0	0.0	
G126.0	0.0	2.5	2.1	1.2	2.0	0.0	0.6	2.6	0.0	
G126.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	
G127.0	0.2	2.3	2.2	1.3	2.0	0.0	0.8	0.0	0.2	
G127.5	1.1	0.0	2.3	1.4	1.9	0.0	0.8	2.7	1.1	
G128.0	1.1	2.2	0.0	1.5	1.9	1.4	0.0	0.0	1.1	
G128.5	0.2	0.0	0.0	1.5	1.8	0.0	0.9	2.7	0.2	
G129.0	1.1	2.1	0.0	0.0	0.0	0.0	0.0	2.7	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	0.9	2.0	0.0	1.6	1.6	1.2	0.0	0.0	0.9	
G130.0	0.3	0.0	0.0	0.0	1.5	1.1	1.2	0.0	0.3	
G130.5	0.3	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.3	
G131.0	0.3	0.0	0.0	1.9	0.0	0.1	0.0	2.7	0.3	
G131.5	0.3	0.0	2.7	0.0	0.0	0.2	1.4	0.0	0.3	
G132.0	0.9	0.0	2.6	2.1	1.2	0.2	1.5	2.7	0.9	
G132.5	0.9	1.6	2.7	0.0	0.0	0.3	0.0	0.0	0.9	
G133.0	0.9	0.0	0.0	0.0	0.1	0.6	1.6	0.0	0.9	
G133.5	0.9	1.5	0.0	0.0	0.2	0.6	0.0	0.0	0.9	
G134.0	0.9	1.5	0.0	2.2	0.8	0.3	0.0	0.0	0.9	
G134.5	0.9	1.5	0.0	2.3	0.5	0.2	0.0	2.5	0.9	
G135.0	0.9	1.4	2.7	0.0	0.6	1.1	0.0	0.0	0.9	
G135.5	0.5	1.3	2.8	0.0	0.6	1.1	2.0	2.3	0.5	
G136.0	0.5	1.3	2.7	0.0	0.5	0.0	2.0	2.2	0.5	
G136.5	0.5	1.2	0.0	0.0	0.3	0.0	0.0	0.0	0.5	
G137.0	1.1	0.1	0.0	2.6	0.3	1.5	2.1	2.1	1.1	
G137.5	1.1	1.1	2.7	0.0	1.3	1.5	0.0	2.0	1.1	
G138.0	0.5	0.9	0.0	2.7	0.2	0.0	2.3	2.0	0.5	
G138.5	1.1	0.9	2.8	2.8	0.1	0.0	0.0	0.0	1.1	
G139.0	0.5	0.5	0.0	2.8	0.0	1.9	2.3	1.9	0.5	
G139.5	1.1	0.6	2.7	2.9	0.0	1.9	0.0	1.8	1.1	
G140.0	1.2	0.7	0.0	0.0	2.0	0.0	0.0	0.0	1.2	
G140.5	0.5	0.7	2.8	2.9	0.0	0.0	2.6	0.0	0.5	
G141.0	0.5	0.9	2.8	2.9	0.0	2.3	2.7	1.6	0.5	
G141.5	0.5	0.6	2.8	0.0	0.0	2.5	2.7	1.5	0.5	
G142.0	1.3	1.1	0.0	0.0	2.6	0.0	2.8	1.3	1.3	
G142.5	0.3	1.2	2.8	0.0	2.7	0.0	0.0	0.5	0.3	
G143.0	0.5	0.5	2.7	3.2	2.8	2.7	3.0	0.6	0.5	
G143.5	1.5	0.3	2.7	0.0	2.9	0.0	3.0	0.7	1.5	
G144.0	1.6	1.5	2.7	3.3	0.0	3.0	3.2	1.2	1.6	
G144.5	1.6	0.3	2.8	0.0	3.2	0.0	3.2	1.2	1.6	
G145.0	0.3	0.3	2.8	0.0	3.4	0.0	0.0	1.2	0.3	
G145.5	1.8	1.8	2.8	0.0	0.0	3.3	3.4	1.4	1.8	
G146.0	0.3	0.2	0.0	3.5	0.0	3.5	3.5	0.9	0.3	
G146.5	2.0	0.2	0.0	0.0	3.8	0.0	0.0	0.9	2.0	
G147.0	2.0	0.2	2.9	0.0	0.0	0.0	3.6	0.9	2.0	
G147.5	2.1	2.2	2.9	3.8	0.0	3.8	0.0	2.0	2.1	

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 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	0.5	0.1	0.0	3.9	0.0	0.0	0.0	0.8	0.5	
G148.5	0.5	2.5	0.0	0.0	4.3	0.0	0.0	2.5	0.5	
G149.0	2.6	2.6	0.1	0.0	0.1	0.0	0.0	2.7	2.6	
G149.5	0.5	2.8	0.2	0.0	4.5	0.0	4.1	0.8	0.5	
G150.0	2.8	2.8	3.0	0.0	4.7	4.5	4.1	2.9	2.8	
G150.5	0.6	0.3	3.2	4.2	0.3	0.1	0.0	3.2	0.6	
G151.0	3.0	0.3	3.2	4.3	0.5	4.7	4.3	0.9	3.0	
G151.5	3.3	3.4	3.3	4.5	0.6	0.3	4.3	3.5	3.3	
G152.0	0.7	0.5	0.9	4.6	0.7	0.5	0.2	3.6	0.7	
G152.5	0.8	3.6	1.1	0.8	0.7	0.6	4.3	0.8	0.8	
G153.0	0.8	3.8	3.4	1.1	5.0	0.7	0.3	0.9	0.8	
G153.5	0.8	4.0	3.5	1.2	1.1	5.0	4.5	4.2	0.8	
G154.0	0.9	0.8	1.5	1.4	1.2	0.7	0.7	4.3	0.9	
G154.5	1.1	0.9	3.6	1.5	5.0	5.2	4.6	0.9	1.1	
G155.0	4.5	0.9	3.8	1.6	5.0	0.9	0.9	1.1	4.5	
G155.5	4.6	4.7	3.8	1.9	5.0	5.3	1.1	1.1	4.6	
G156.0	4.8	1.2	3.8	2.0	1.6	1.1	4.6	1.1	4.8	
G156.5	1.3	4.9	3.9	5.2	4.9	5.4	1.3	5.0	1.3	
G157.0	5.0	1.4	2.3	2.3	1.9	1.3	4.6	1.2	5.0	
G157.5	1.5	1.5	4.1	5.3	4.8	5.5	4.5	1.2	1.5	
G158.0	1.5	5.4	2.6	5.3	4.7	5.5	4.5	1.2	1.5	
G158.5	1.5	5.5	4.1	2.8	4.7	1.4	1.6	5.5	1.5	
G159.0	5.6	5.8	2.7	2.9	2.5	5.5	1.9	1.2	5.6	
G159.5	1.8	5.8	2.8	5.4	2.6	1.5	4.3	5.6	1.8	
G160.0	5.9	1.9	4.3	5.4	2.8	5.6	4.3	5.8	5.9	
G160.5	6.0	6.0	3.0	3.4	4.2	5.6	4.2	1.3	6.0	
G161.0	6.0	2.0	3.0	5.5	4.2	1.8	2.2	5.9	6.0	
G161.5	6.1	6.3	4.5	3.6	3.0	5.5	2.3	5.9	6.1	
G162.0	2.0	6.3	4.5	5.4	3.3	1.8	4.1	5.9	2.0	
G162.5	1.9	2.2	3.3	5.4	3.4	5.5	2.6	5.9	1.9	
G163.0	2.0	2.2	4.6	5.4	3.5	5.4	4.0	1.5	2.0	
G163.5	6.3	2.3	3.4	4.1	3.6	2.0	2.8	1.5	6.3	
G164.0	2.0	2.3	3.5	5.3	3.8	5.4	3.9	1.5	2.0	
G164.5	2.1	6.7	4.7	4.2	3.4	2.1	3.9	1.6	2.1	
G165.0	2.1	2.5	4.8	4.2	3.3	2.1	3.2	1.6	2.1	
G165.5	6.4	2.5	3.6	5.0	4.1	2.2	3.6	5.9	6.4	
G166.0	6.4	2.5	4.8	4.3	3.0	2.3	3.3	5.8	6.4	

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 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	6.4	6.8	4.8	4.5	4.3	2.3	3.5	5.8	6.4	
G167.0	2.3	2.6	3.8	4.5	4.5	5.0	3.4	5.6	2.3	
G167.5	6.4	6.9	4.9	4.8	2.8	2.5	3.4	1.8	6.4	
G168.0	2.5	2.6	3.9	4.5	4.7	4.9	3.8	1.8	2.5	
G168.5	6.4	2.6	3.9	4.7	4.7	2.7	3.2	1.9	6.4	
G169.0	6.4	2.5	5.0	4.7	2.6	4.7	4.0	5.5	6.4	
G169.5	2.7	6.9	3.9	4.7	4.8	4.7	4.1	2.0	2.7	
G170.0	2.7	6.9	3.9	4.6	4.9	4.6	2.9	2.0	2.7	
G170.5	2.8	6.8	3.9	4.8	5.0	2.8	2.9	2.1	2.8	
G171.0	6.3	6.8	5.2	4.8	2.2	4.5	2.8	5.3	6.3	
G171.5	6.2	2.5	3.9	4.3	2.1	4.3	4.5	2.2	6.2	
G172.0	6.1	6.8	5.2	4.9	2.1	3.0	2.6	2.3	6.1	
G172.5	6.1	6.7	3.9	4.1	2.0	4.1	4.7	2.3	6.1	
G173.0	3.2	2.3	3.8	4.0	2.0	3.2	2.5	2.5	3.2	
G173.5	5.9	6.7	3.8	3.9	1.9	3.3	4.8	2.6	5.9	
G174.0	3.3	2.5	3.8	3.8	5.4	3.8	2.2	2.6	3.3	
G174.5	3.4	6.7	5.3	3.8	1.8	3.5	5.0	4.6	3.4	
G175.0	5.6	2.3	5.3	3.6	1.6	3.4	5.2	4.5	5.6	
G175.5	3.5	2.2	3.5	3.4	5.5	3.8	2.0	4.3	3.5	
G176.0	5.3	2.2	3.4	4.9	1.6	3.2	5.3	2.9	5.3	
G176.5	5.0	2.2	3.2	3.2	5.6	3.0	1.9	3.0	5.0	
G177.0	3.9	2.2	3.0	3.0	1.5	2.9	5.5	3.9	3.9	
G177.5	4.6	6.2	5.4	4.8	1.6	4.3	5.6	3.4	4.6	
G178.0	4.2	2.0	2.8	2.6	1.5	4.6	1.8	3.6	4.2	
G178.5	4.6	6.0	2.5	2.5	6.0	4.7	1.6	3.9	4.6	
G179.0	5.3	5.8	6.0	5.5	1.6	4.9	5.9	4.1	5.3	
G179.5	6.0	5.4	1.8	1.5	6.1	2.3	6.0	4.3	6.0	
G180.0	6.1	2.5	2.2	1.5	2.0	1.8	6.0	1.9	6.1	

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: