

Report No.:

Test Time: 2018-08-27 10:25

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR16-3W-27K-15D Voltage: 11.8 V

Current: 0.405 A

Power: 3.70 W

Power Factor: 0.779

Photometric Results

CIE Class: Direct

Measurement Flux: 313.9 lm

Downward Ratio: 97%

Total Rated Lamp Lumens: 313.9 lm

Efficiency: 100%

Upward Ratio: 3%

Horizontal Diffuse Angle(10%,25%,50%,75%): H28.1,H20.1,H13.3,H8.3

Vertical Diffuse Angle(10%,25%,50%,75%): V27.7,V20,V13.2,V8.3

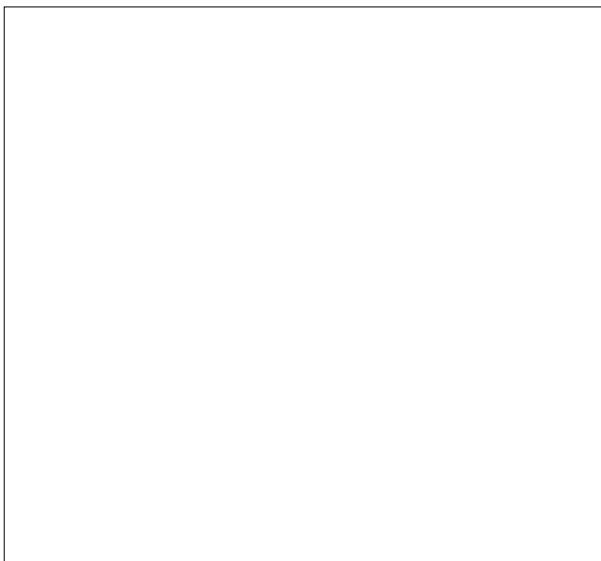
Luminaire Efficacy Rating (LER): 85

Central Intensity: 2718.36 cd

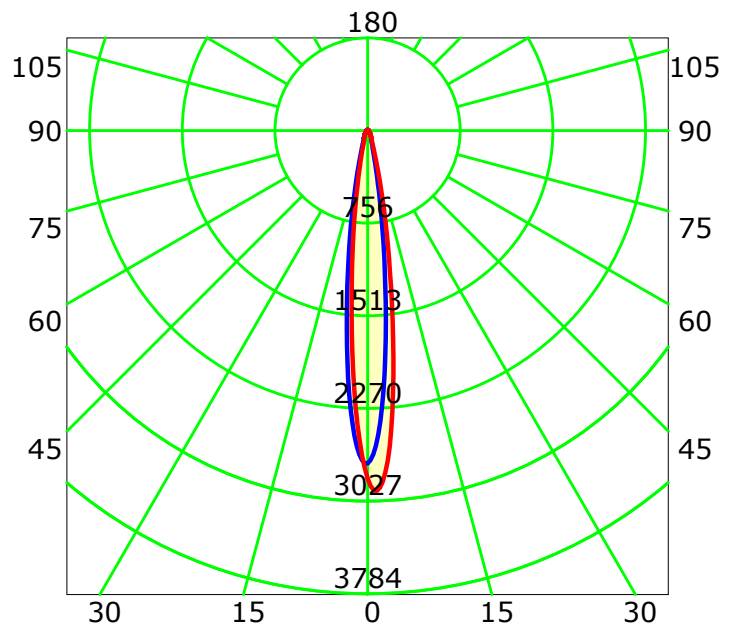
Max. Intensity: 3015.65 cd

Pos of Max. Intensity: H135 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— 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

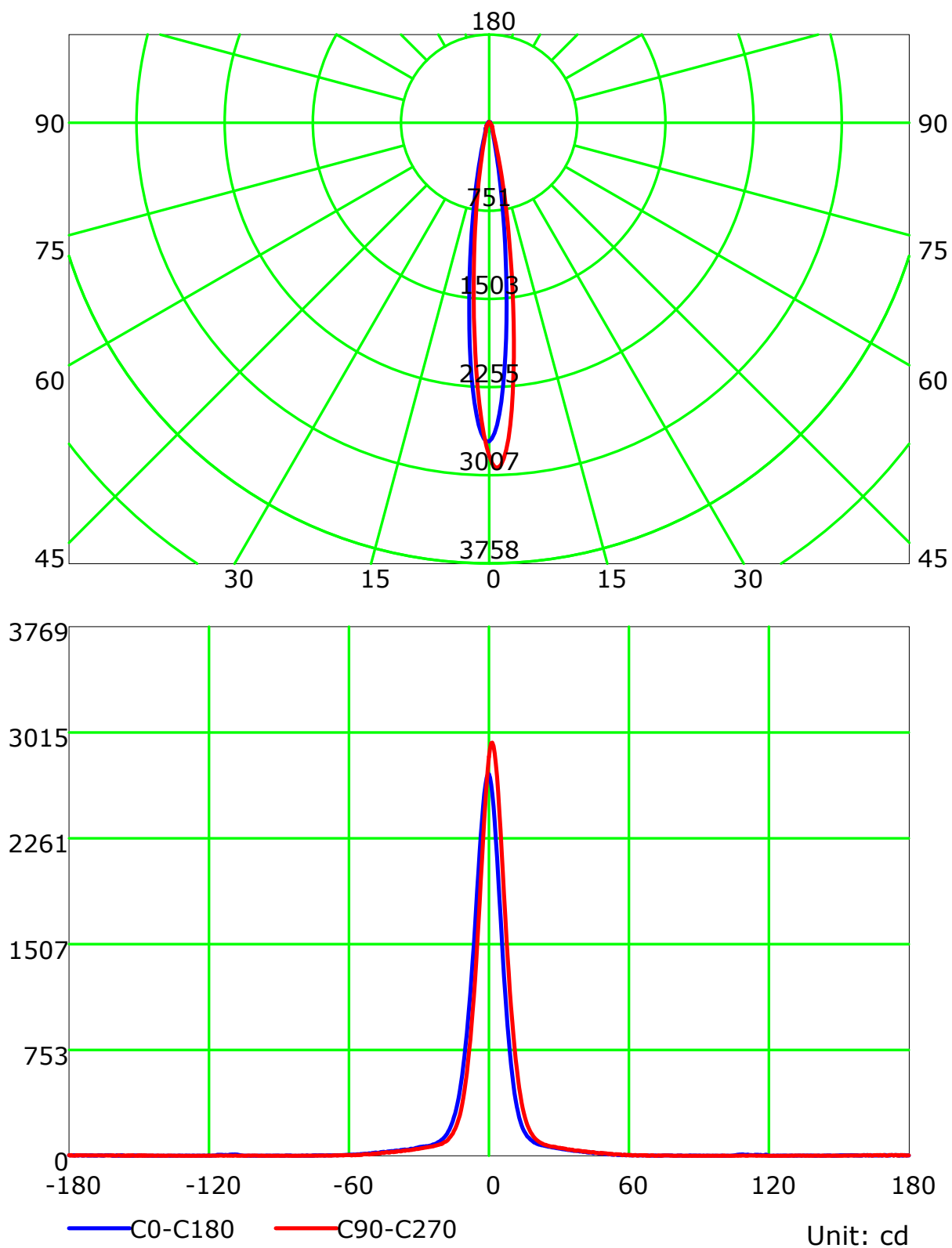
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

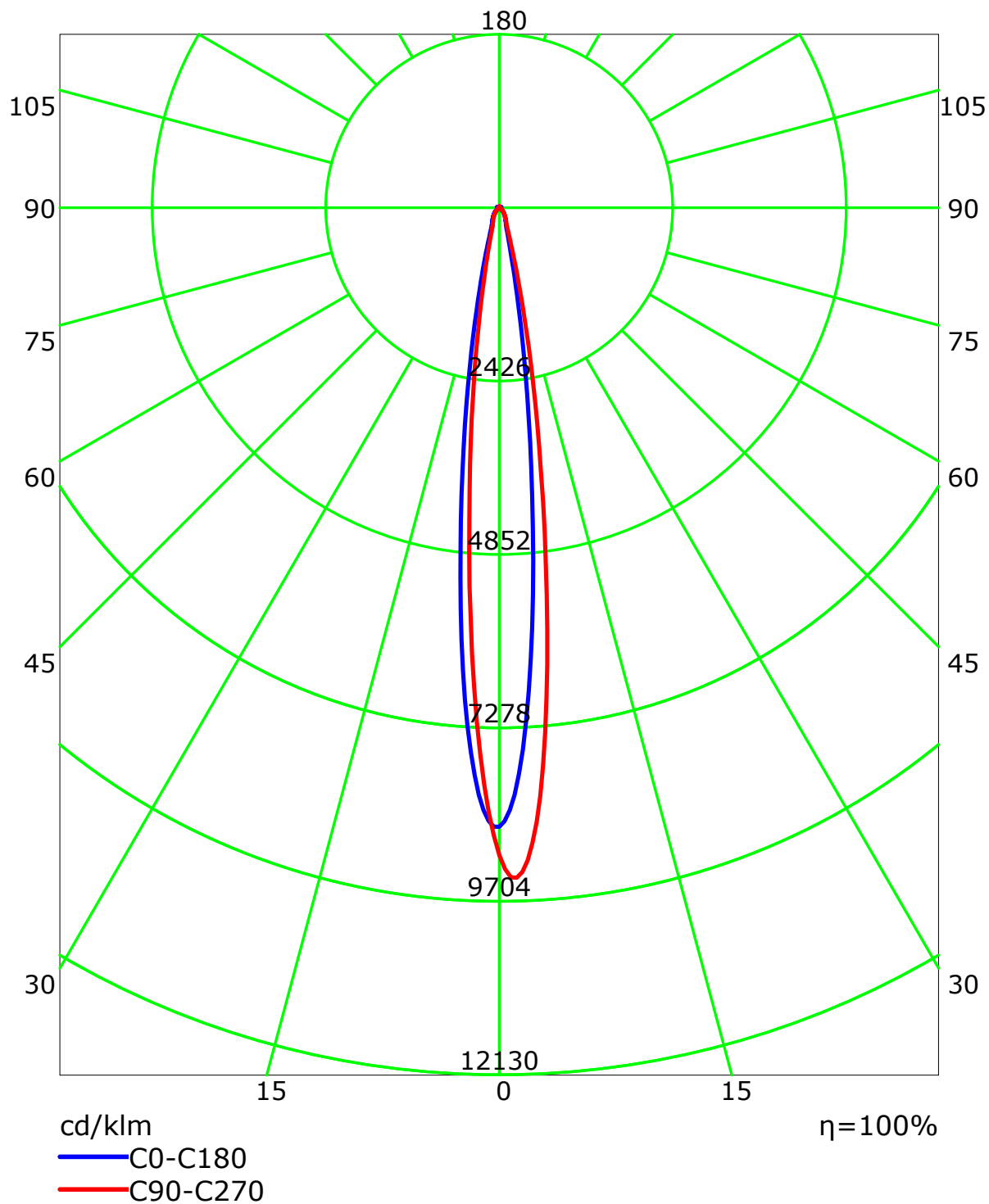
Luminous Intensity Distribution Curve



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)



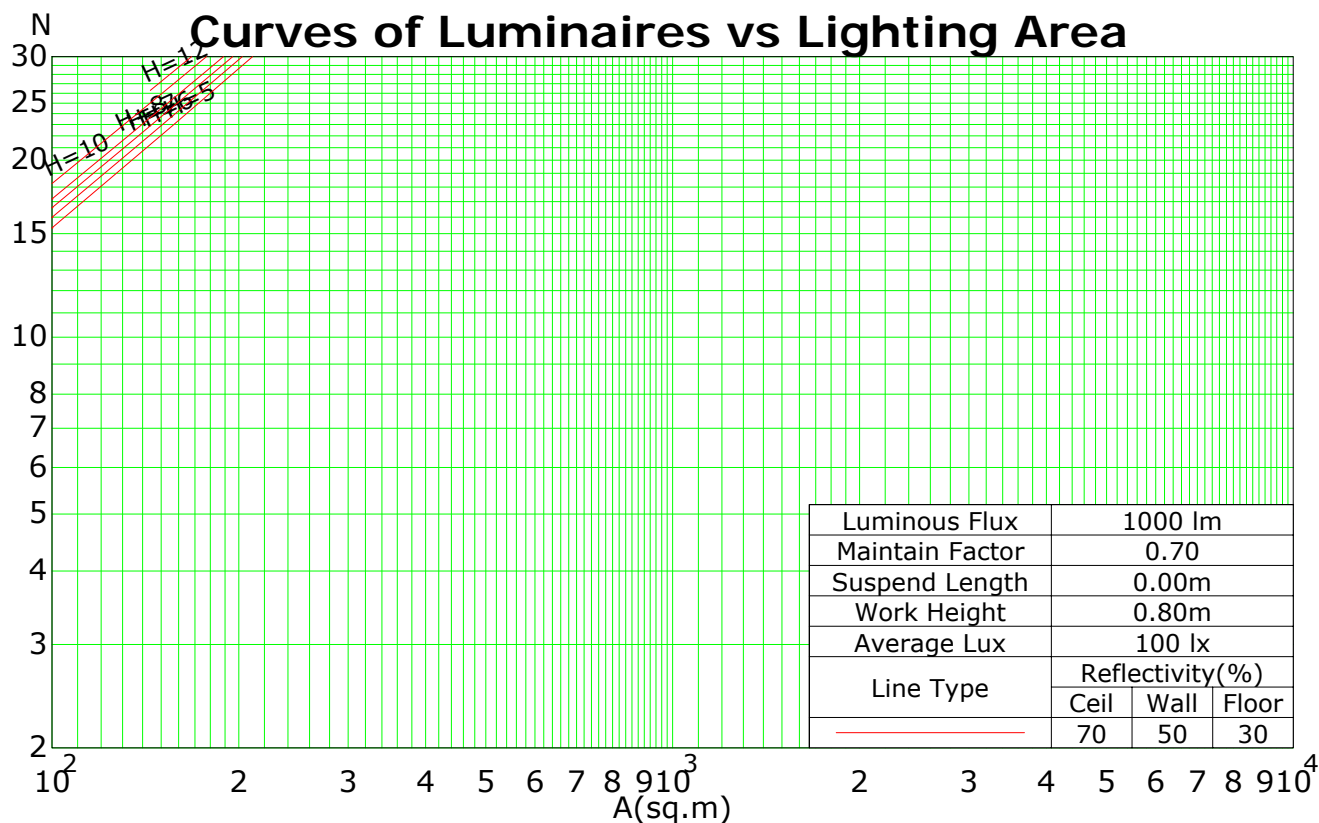
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	110	110	110	104	104	104	99	99	99	97
1	114	111	109	107	111	109	107	105	104	103	101	100	99	98	96	95	94	93
2	109	105	102	99	107	103	100	97	99	97	95	96	94	92	93	91	90	88
3	105	100	96	92	103	98	94	91	95	92	90	92	90	88	90	88	86	85
4	101	95	91	87	99	94	90	86	91	88	85	89	86	84	87	85	83	81
5	98	91	86	83	96	90	86	82	88	84	82	86	83	81	84	82	80	78
6	95	88	83	80	93	87	82	79	85	81	78	83	80	78	82	79	77	76
7	92	85	80	77	90	84	79	76	82	79	76	81	78	75	80	77	75	73
8	89	82	77	74	88	81	77	74	80	76	73	79	75	73	78	75	73	71
9	87	79	75	72	86	79	75	72	78	74	71	77	73	71	76	73	71	70
10	84	77	73	70	83	77	73	70	76	72	70	75	72	69	74	71	69	68

Spacing Criteria (0-180): 0.23
Spacing Criteria (90-270): 0.23
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

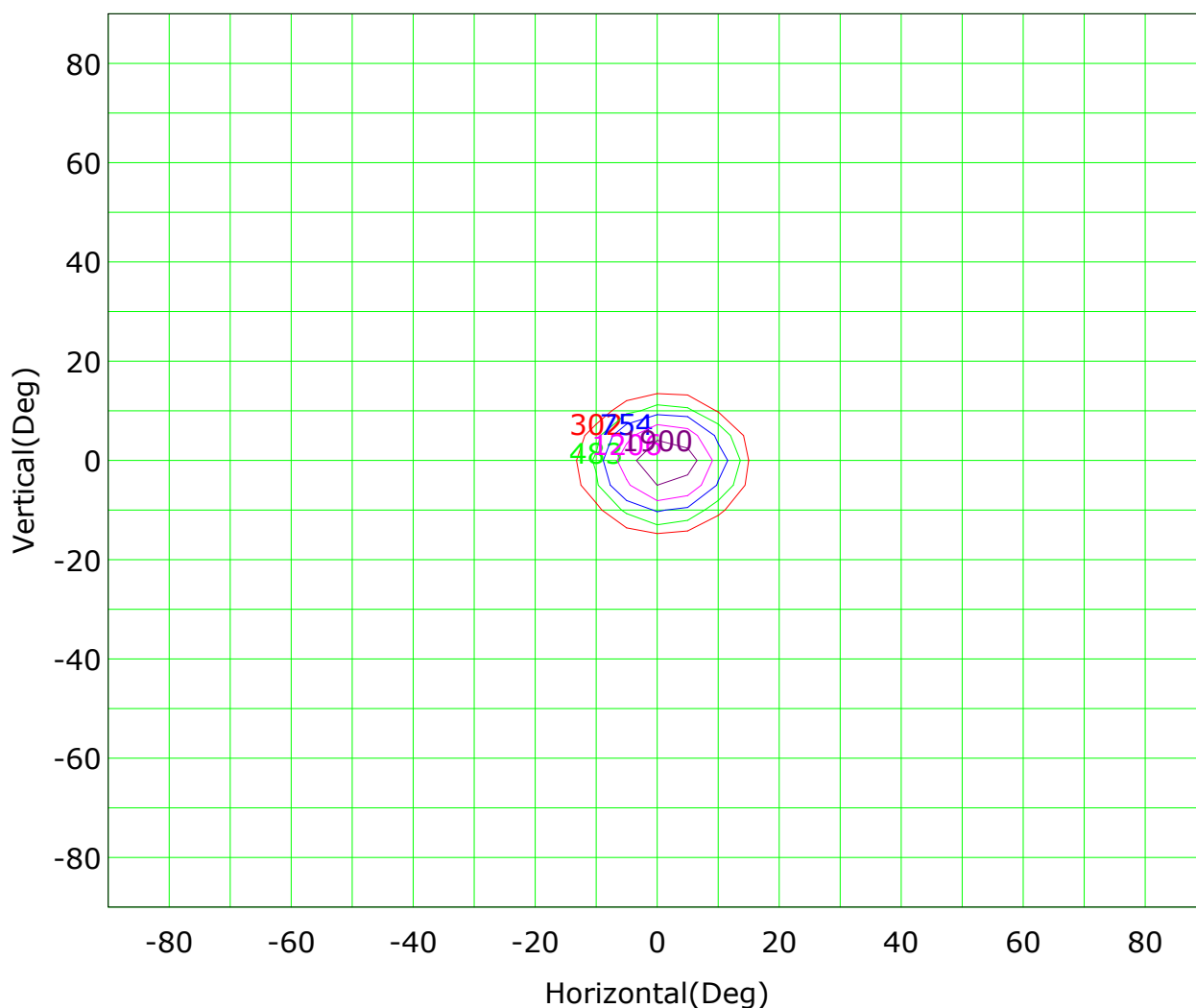
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 3016 cd

(10%): 302 cd	(16%): 483 cd
(25%): 754 cd	(40%): 1206 cd
(63%): 1900 cd	(100%): 3016 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

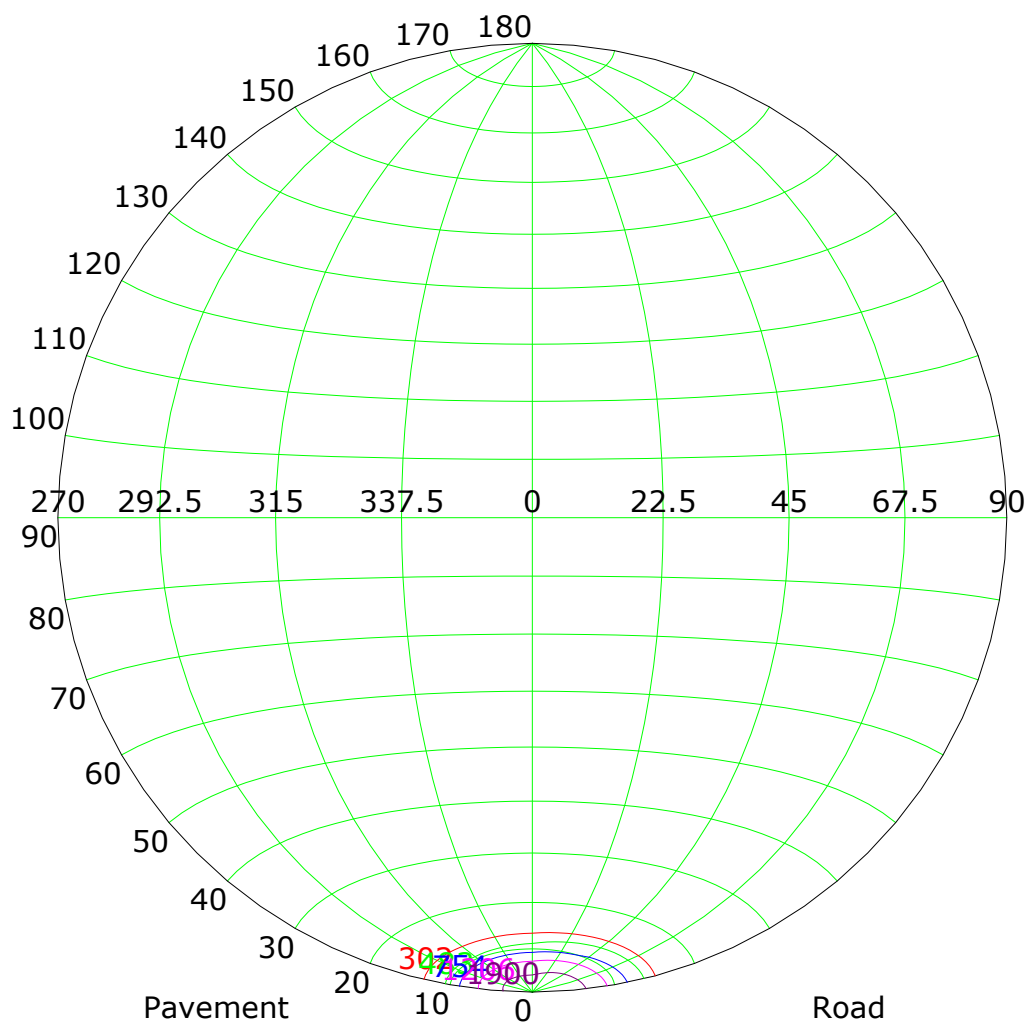
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

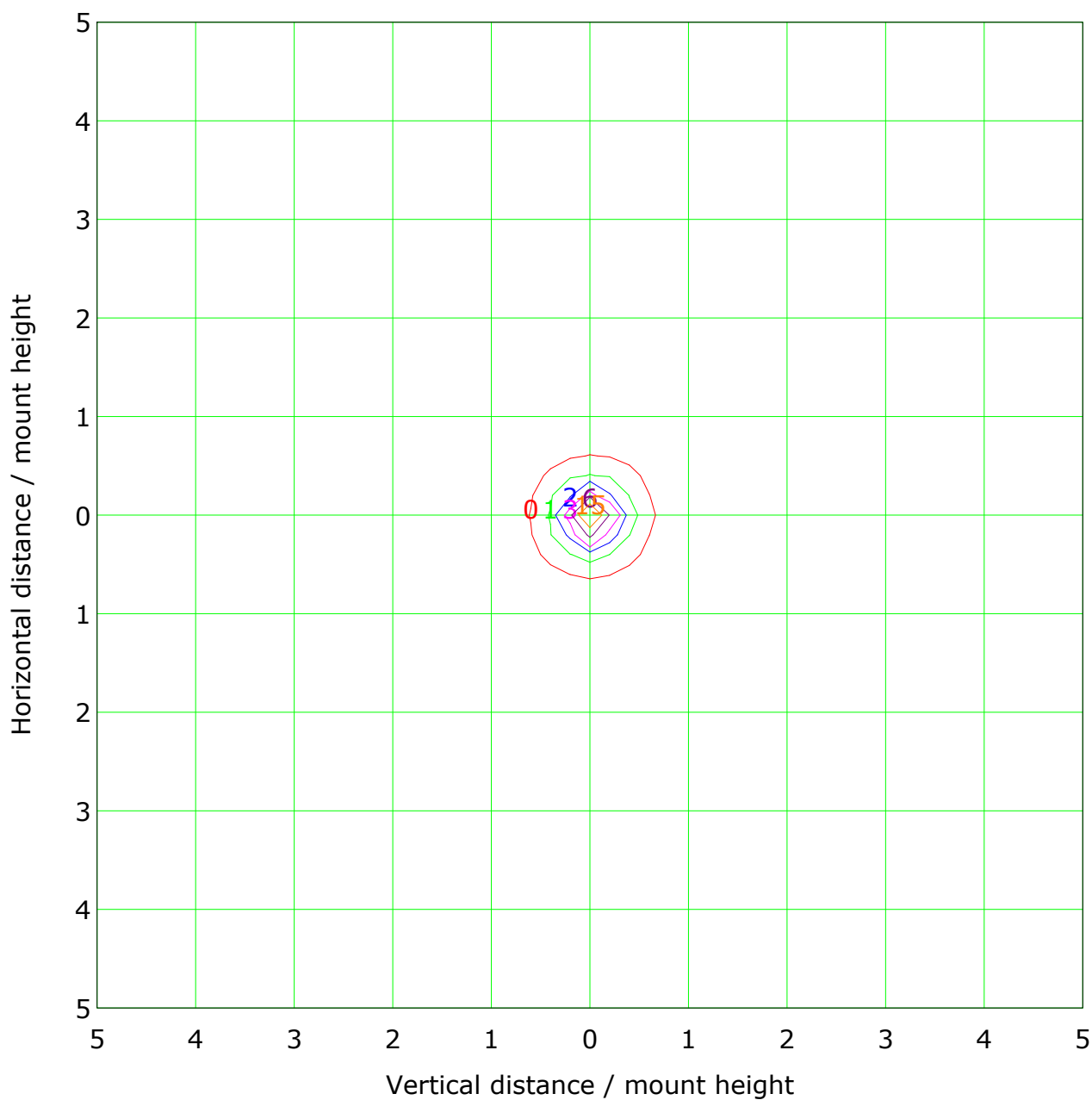
Isocandela (sphere)



Imax (100%): 3016 cd

(10%): 302 cd	(16%): 483 cd
(25%): 754 cd	(40%): 1206 cd
(63%): 1900 cd	(100%): 3016 cd

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 30.1 lx

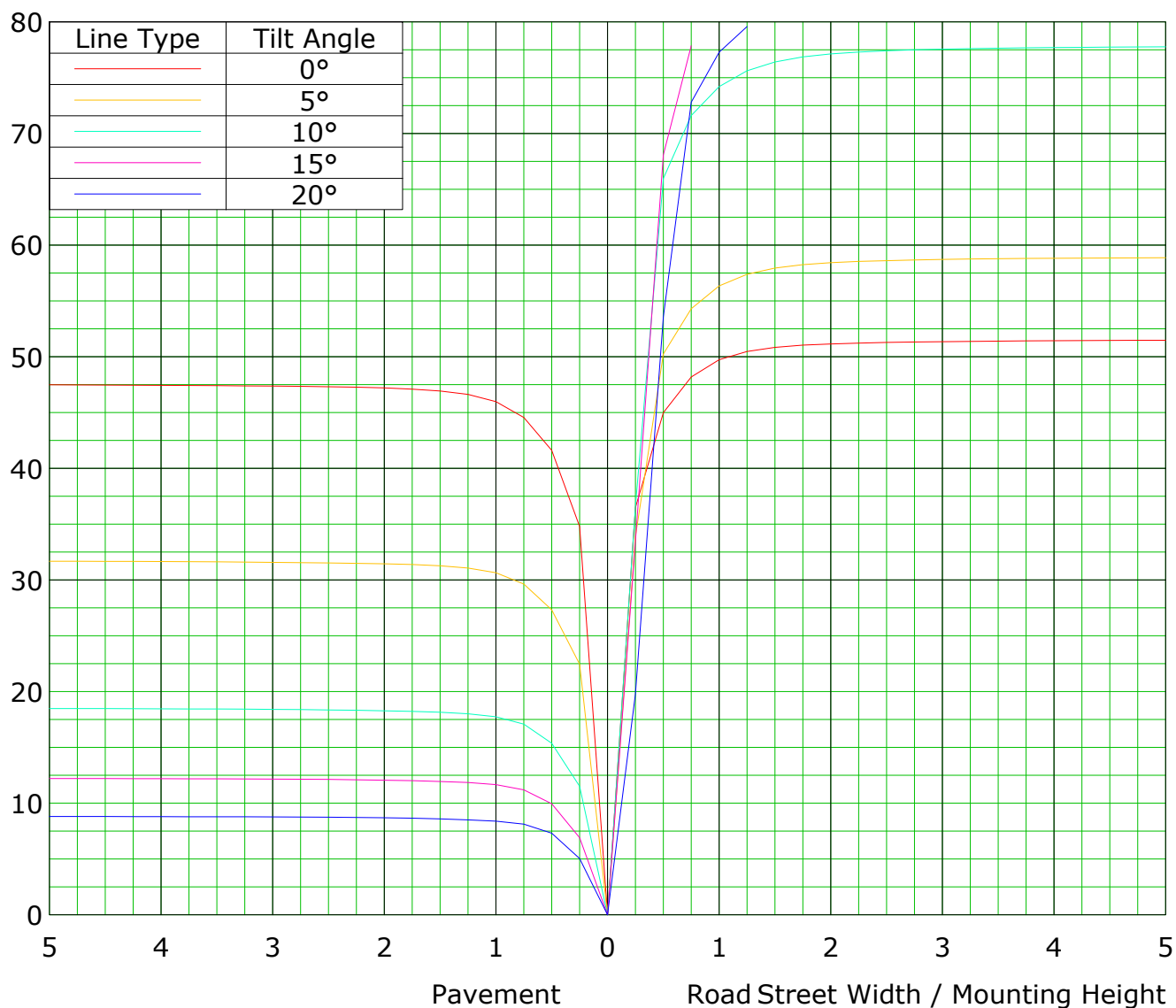
(1%): 0.3 lx	(2%): 0.6 lx
(5%): 1.5 lx	(10%): 3.0 lx
(20%): 6.0 lx	(50%): 15.1 lx
(100%): 30.1 lx	

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

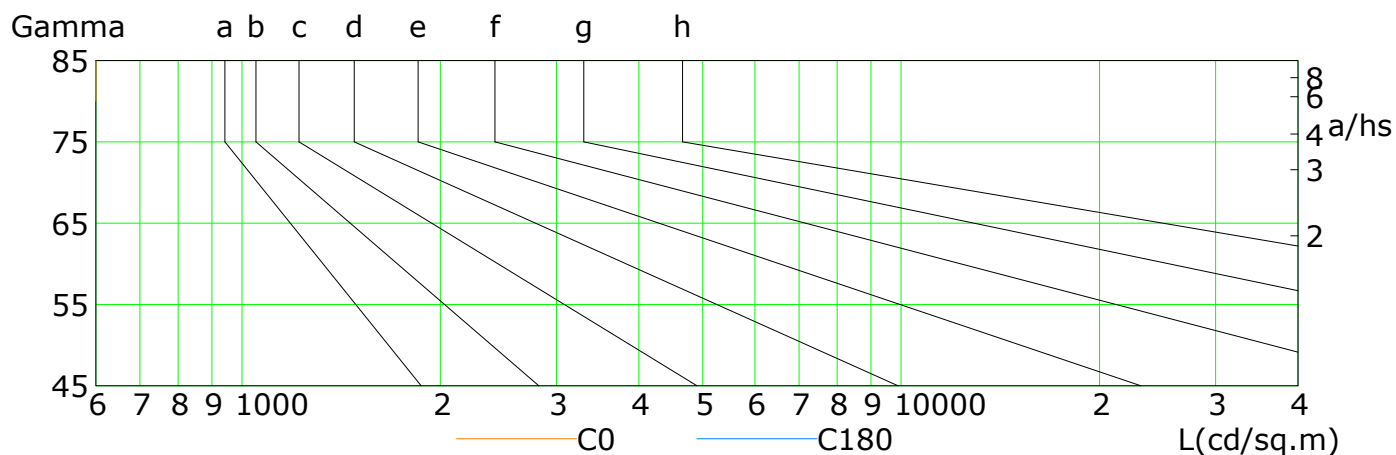
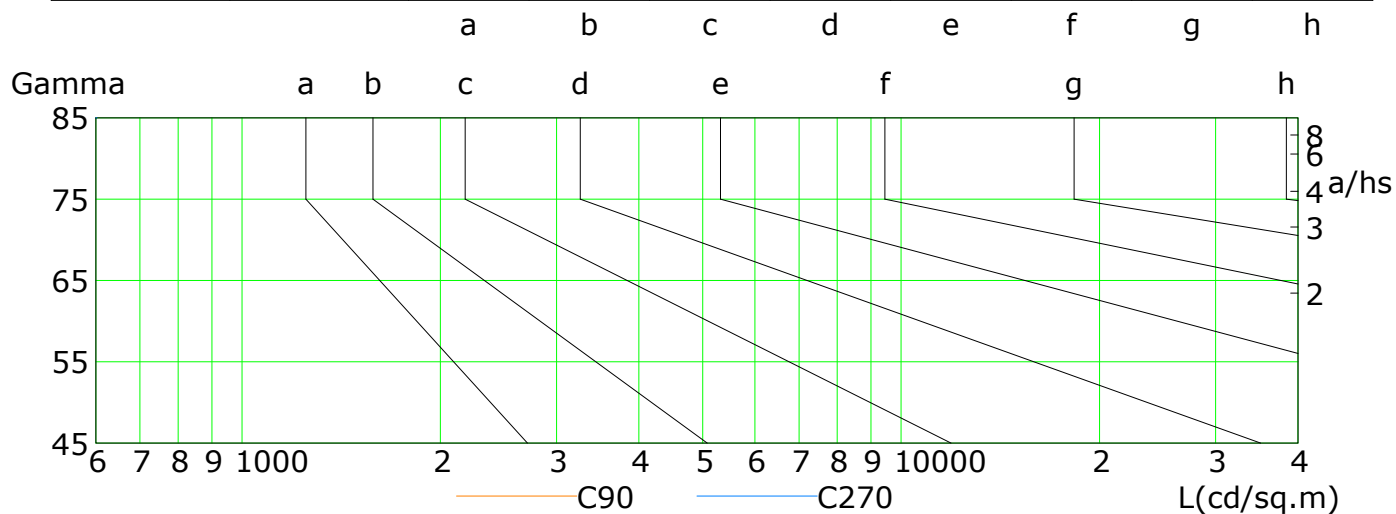
Distance: 8.177 m

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	20	12	6	6	3	2	3	0	0
C90	26	18	11	3	5	4	3	0	1
C180	29	21	13	7	5	2	1	4	3
C270	20	16	6	6	2	3	1	1	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

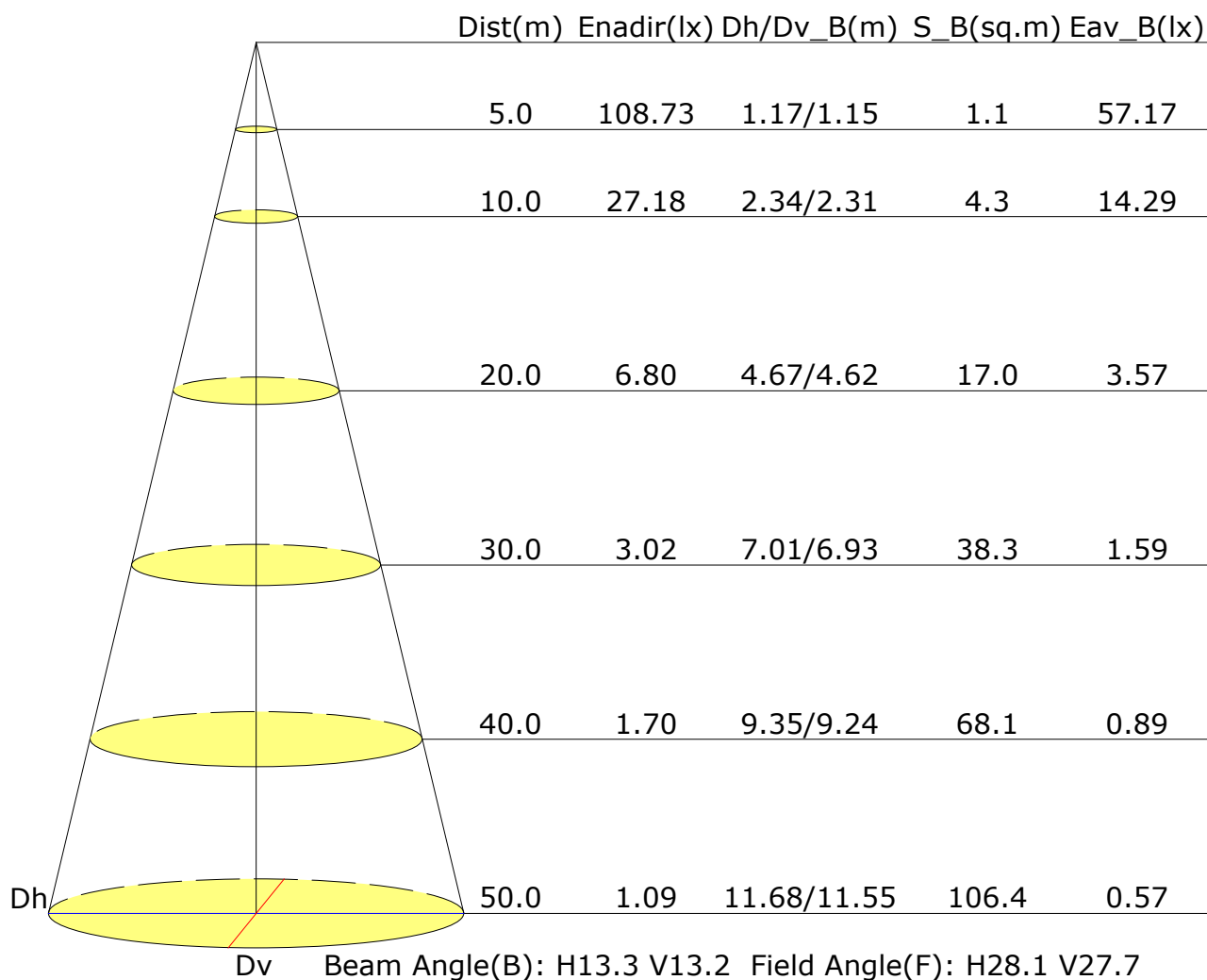
Test Device: GPM-1600

Distance: 8.177 m

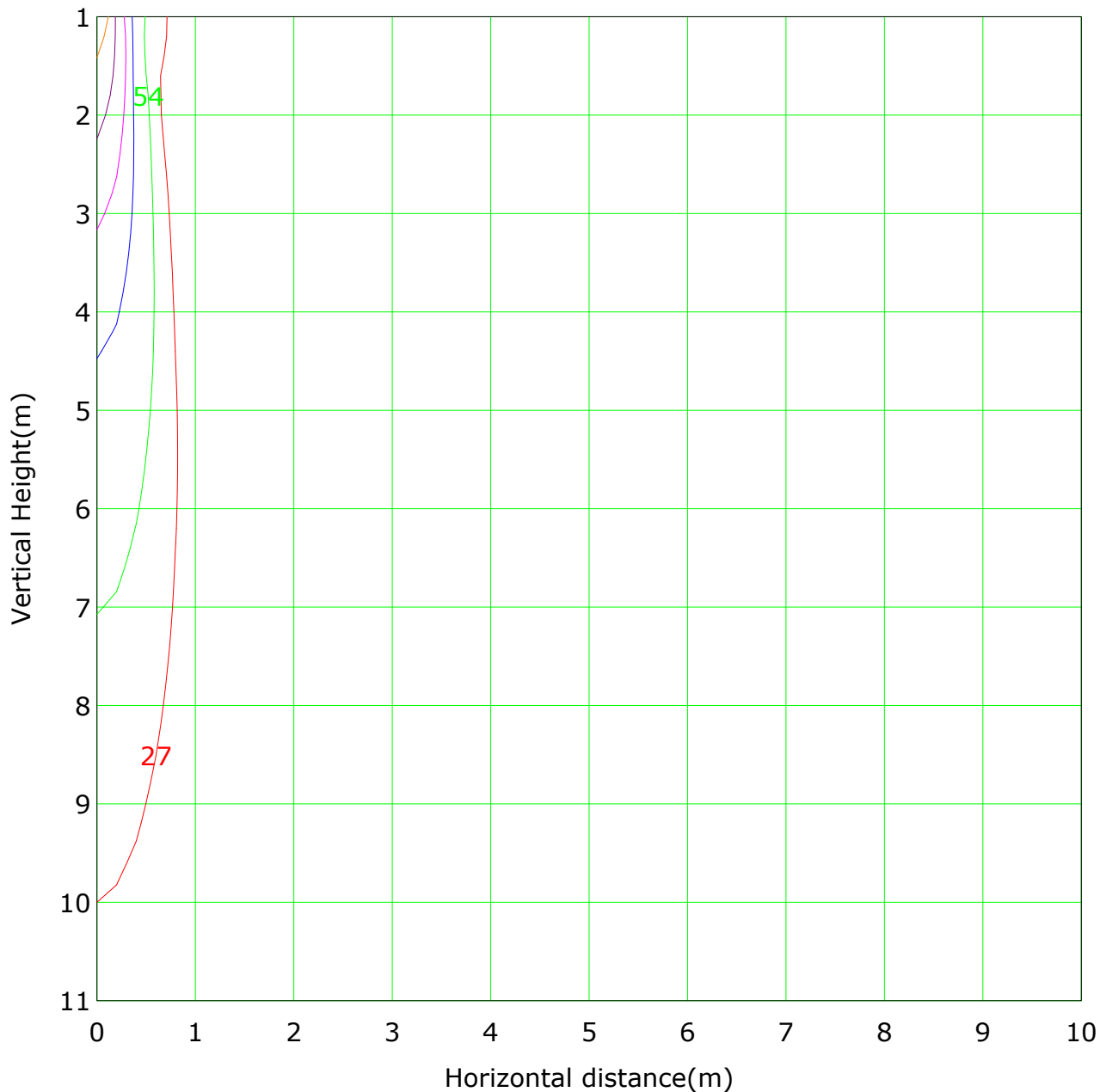
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2718.4 lx

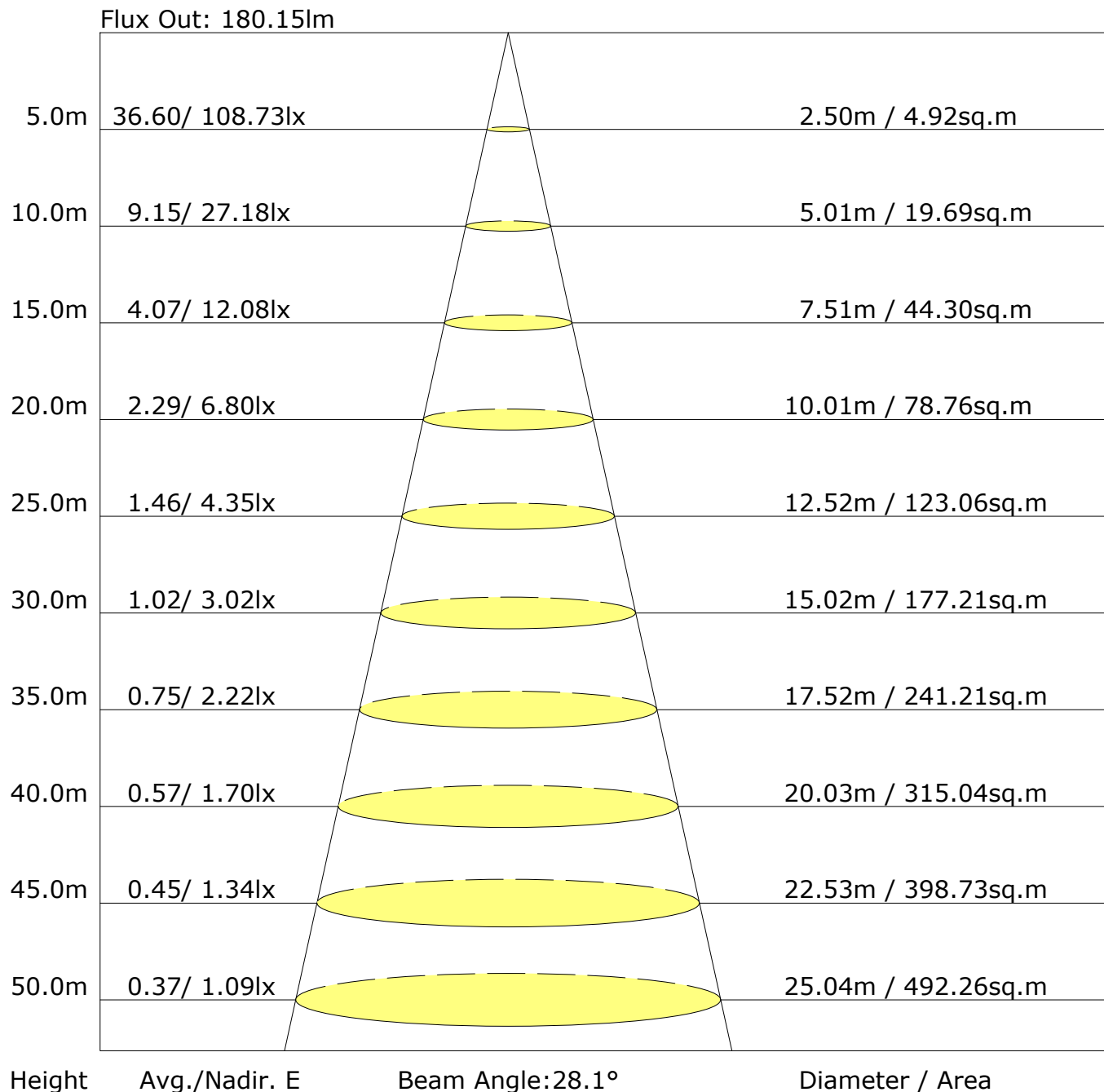
— (1%): 27.2 lx	— (2%): 54.4 lx
— (5%): 135.9 lx	— (10%): 271.8 lx
— (20%): 543.7 lx	— (50%): 1359.2 lx
— (100%): 2718.4 lx	

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:

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

The Average Illuminance Effective Figure



UGR Table

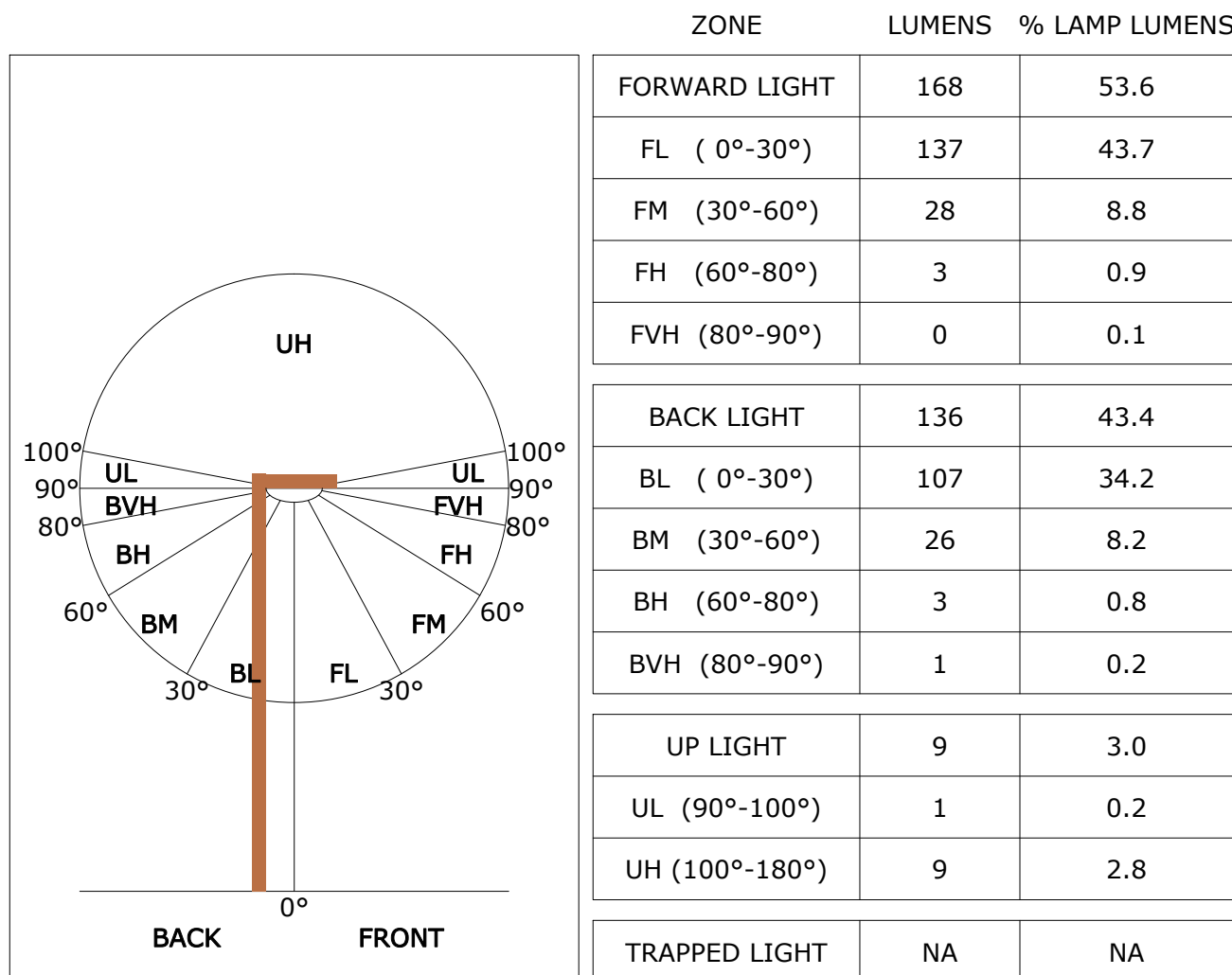
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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

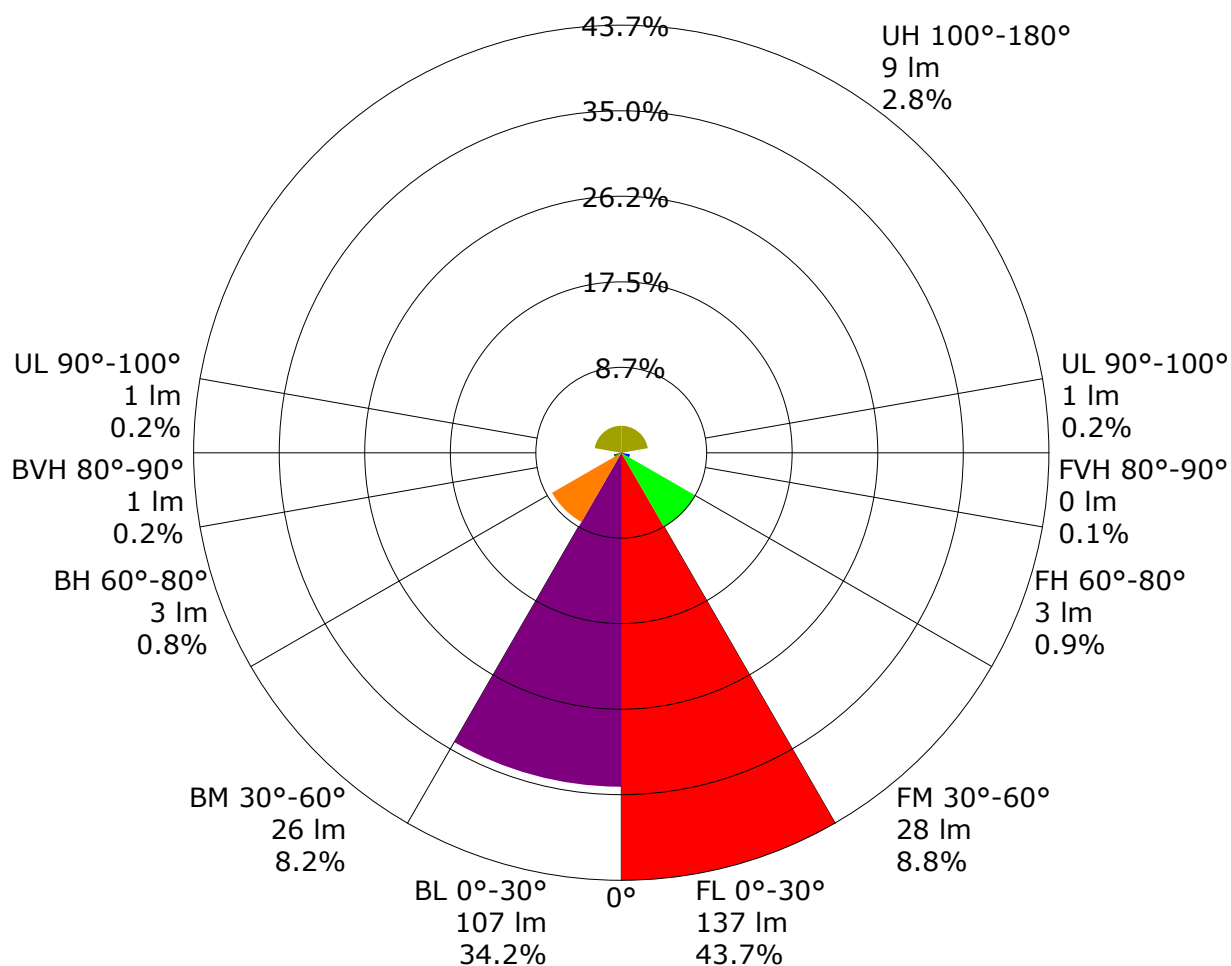


BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U1 G0

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 = 0.50									
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	0.97	1.02	1.06	1.09	1.12	1.15	1.16	1.19	1.20	
	0.30		0.92	0.98	1.02	1.05	1.09	1.12	1.14	1.16	1.18	
	0.20		0.89	0.95	0.99	1.02	1.06	1.09	1.11	1.14	1.16	
0.50	0.50	0.20	0.95	1.00	1.03	1.06	1.09	1.11	1.12	1.14	1.15	
	0.30		0.91	0.96	1.00	1.02	1.06	1.08	1.10	1.12	1.14	
	0.20		0.89	0.94	0.97	1.00	1.04	1.06	1.08	1.11	1.12	
0.30	0.50	0.20	0.94	0.98	1.01	1.03	1.05	1.07	1.08	1.10	1.11	
	0.30		0.90	0.95	0.98	1.00	1.03	1.05	1.07	1.08	1.09	
	0.20		0.88	0.93	0.96	0.98	1.01	1.03	1.05	1.07	1.08	
0.00	0.00	0.00	0.86	0.90	0.93	0.95	0.98	0.99	1.00	1.02	1.03	
Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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 = 0.50									
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	0.55	0.45	0.38	0.33	0.26	0.22	0.19	0.15	0.12	
	0.30		0.46	0.38	0.33	0.29	0.24	0.20	0.17	0.14	0.11	
	0.20		0.39	0.34	0.30	0.26	0.22	0.19	0.16	0.13	0.11	
0.50	0.50	0.20	0.51	0.42	0.35	0.30	0.24	0.24	0.17	0.13	0.11	
	0.30		0.43	0.36	0.31	0.27	0.22	0.18	0.16	0.12	0.10	
	0.20		0.38	0.32	0.28	0.25	0.20	0.17	0.15	0.12	0.10	
0.30	0.50	0.20	0.48	0.39	0.32	0.28	0.22	0.18	0.15	0.12	0.10	
	0.30		0.41	0.34	0.29	0.25	0.20	0.17	0.14	0.11	0.09	
	0.20		0.36	0.30	0.26	0.23	0.19	0.16	0.14	0.11	0.09	
0.00	0.00	0.00	0.20	0.16	0.13	0.12	0.09	0.07	0.06	0.05	0.04	
Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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	0.16	0.18	0.20	0.21	0.22	0.23	0.24	0.25	0.26	
	0.30		0.12	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	0.17	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	0.20	0.21	0.22	
0.30	0.50	0.20	0.15	0.17	0.18	0.19	0.21	0.21	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	0.17	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:4W 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:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-0.5	2810.9	0.7	0.7	0.21	0.21
0.5-1.0	2786.8	2.0	2.7	0.64	0.85
1.0-1.5	2737.4	3.3	5.9	1.04	1.89
1.5-2.0	2667.7	4.5	10.4	1.42	3.32
2.0-2.5	2580.0	5.6	16.0	1.77	5.09
2.5-3.0	2473.2	6.5	22.5	2.07	7.16
3.0-3.5	2351.8	7.3	29.8	2.33	9.49
3.5-4.0	2221.5	8.0	37.8	2.54	12.03
4.0-4.5	2087.1	8.5	46.2	2.70	14.73
4.5-5.0	1947.2	8.8	55.1	2.82	17.55
5.0-5.5	1801.7	9.0	64.1	2.88	20.43
5.5-6.0	1658.1	9.1	73.2	2.90	23.33
6.0-6.5	1520.9	9.1	82.3	2.89	26.22
6.5-7.0	1389.4	9.0	91.3	2.85	29.07
7.0-7.5	1263.8	8.7	100.0	2.79	31.86
7.5-8.0	1144.6	8.5	108.5	2.70	34.55
8.0-8.5	1035.2	8.1	116.6	2.59	37.15
8.5-9.0	933.3	7.8	124.4	2.48	39.63
9.0-9.5	836.4	7.4	131.8	2.35	41.98
9.5-10.0	748.7	7.0	138.7	2.21	44.19
10.0-10.5	669.2	6.5	145.2	2.08	46.27
10.5-11.0	596.7	6.1	151.3	1.94	48.22
11.0-11.5	530.6	5.7	157.0	1.81	50.03
11.5-12.0	471.7	5.3	162.3	1.68	51.70
12.0-12.5	419.8	4.9	167.2	1.56	53.26
12.5-13.0	373.6	4.5	171.7	1.44	54.70
13.0-13.5	332.9	4.2	175.9	1.33	56.03
13.5-14.0	296.9	3.9	179.7	1.23	57.26
14.0-14.5	266.2	3.6	183.3	1.14	58.41
14.5-15.0	240.0	3.3	186.7	1.07	59.48
15.0-15.5	216.5	3.1	189.8	0.99	60.47
15.5-16.0	196.5	2.9	192.7	0.93	61.40
16.0-16.5	179.4	2.8	195.5	0.88	62.28
16.5-17.0	164.2	2.6	198.1	0.83	63.11
17.0-17.5	151.0	2.5	200.5	0.78	63.89
17.5-18.0	139.3	2.3	202.9	0.74	64.63

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	129.2	2.2	205.1	0.71	65.34
18.5-19.0	120.6	2.1	207.2	0.68	66.01
19.0-19.5	113.2	2.0	209.3	0.65	66.67
19.5-20.0	106.4	2.0	211.2	0.63	67.29
20.0-20.5	100.4	1.9	213.1	0.61	67.90
20.5-21.0	95.5	1.9	215.0	0.59	68.49
21.0-21.5	91.2	1.8	216.8	0.58	69.07
21.5-22.0	87.4	1.8	218.6	0.57	69.64
22.0-22.5	84.0	1.7	220.3	0.56	70.19
22.5-23.0	81.0	1.7	222.0	0.55	70.74
23.0-23.5	78.4	1.7	223.7	0.54	71.28
23.5-24.0	76.0	1.7	225.4	0.53	71.81
24.0-24.5	73.7	1.7	227.1	0.53	72.34
24.5-25.0	71.7	1.6	228.7	0.52	72.87
25.0-25.5	69.6	1.6	230.3	0.52	73.38
25.5-26.0	67.2	1.6	231.9	0.51	73.89
26.0-26.5	65.9	1.6	233.5	0.51	74.40
26.5-27.0	64.4	1.6	235.1	0.51	74.91
27.0-27.5	63.0	1.6	236.7	0.50	75.41
27.5-28.0	62.2	1.6	238.3	0.51	75.92
28.0-28.5	60.7	1.6	239.9	0.50	76.42
28.5-29.0	59.2	1.6	241.4	0.50	76.92
29.0-29.5	58.0	1.6	243.0	0.49	77.41
29.5-30.0	56.5	1.5	244.5	0.49	77.90
30.0-30.5	54.5	1.5	246.0	0.48	78.38
30.5-31.0	53.2	1.5	247.5	0.48	78.86
31.0-31.5	52.0	1.5	249.0	0.47	79.33
31.5-32.0	50.5	1.5	250.5	0.46	79.79
32.0-32.5	48.8	1.4	251.9	0.45	80.25
32.5-33.0	47.2	1.4	253.3	0.45	80.70
33.0-33.5	46.4	1.4	254.7	0.44	81.14
33.5-34.0	44.8	1.4	256.1	0.43	81.57
34.0-34.5	43.4	1.3	257.4	0.43	82.00
34.5-35.0	42.4	1.3	258.7	0.42	82.42
35.0-35.5	41.6	1.3	260.0	0.42	82.84
35.5-36.0	41.0	1.3	261.3	0.42	83.26

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	39.1	1.3	262.6	0.40	83.66
36.5-37.0	37.9	1.2	263.9	0.40	84.06
37.0-37.5	37.0	1.2	265.1	0.39	84.45
37.5-38.0	36.4	1.2	266.3	0.39	84.84
38.0-38.5	36.4	1.2	267.5	0.39	85.24
38.5-39.0	35.1	1.2	268.7	0.38	85.62
39.0-39.5	33.6	1.2	269.9	0.37	85.99
39.5-40.0	32.9	1.2	271.1	0.37	86.36
40.0-40.5	32.1	1.1	272.2	0.36	86.72
40.5-41.0	30.4	1.1	273.3	0.35	87.07
41.0-41.5	29.3	1.1	274.4	0.34	87.40
41.5-42.0	29.5	1.1	275.4	0.34	87.75
42.0-42.5	28.5	1.1	276.5	0.33	88.08
42.5-43.0	26.8	1.0	277.5	0.32	88.40
43.0-43.5	26.4	1.0	278.5	0.32	88.72
43.5-44.0	25.8	1.0	279.4	0.31	89.03
44.0-44.5	24.8	1.0	280.4	0.30	89.33
44.5-45.0	24.0	0.9	281.3	0.30	89.63
45.0-45.5	23.4	0.9	282.2	0.29	89.92
45.5-46.0	22.9	0.9	283.1	0.29	90.20
46.0-46.5	22.0	0.9	284.0	0.28	90.48
46.5-47.0	20.8	0.8	284.8	0.26	90.75
47.0-47.5	19.5	0.8	285.6	0.25	91.00
47.5-48.0	18.9	0.8	286.4	0.24	91.24
48.0-48.5	18.5	0.8	287.1	0.24	91.48
48.5-49.0	18.4	0.8	287.9	0.24	91.72
49.0-49.5	17.4	0.7	288.6	0.23	91.95
49.5-50.0	16.4	0.7	289.3	0.22	92.17
50.0-50.5	15.5	0.7	290.0	0.21	92.38
50.5-51.0	13.8	0.6	290.6	0.19	92.57
51.0-51.5	13.4	0.6	291.1	0.18	92.75
51.5-52.0	13.2	0.6	291.7	0.18	92.93
52.0-52.5	12.6	0.5	292.2	0.17	93.10
52.5-53.0	12.1	0.5	292.8	0.17	93.27
53.0-53.5	11.2	0.5	293.3	0.16	93.43
53.5-54.0	10.7	0.5	293.7	0.15	93.58

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	10.4	0.5	294.2	0.15	93.73
54.5-55.0	9.7	0.4	294.6	0.14	93.87
55.0-55.5	8.9	0.4	295.0	0.13	93.99
55.5-56.0	8.2	0.4	295.4	0.12	94.11
56.0-56.5	8.3	0.4	295.8	0.12	94.23
56.5-57.0	7.8	0.4	296.1	0.11	94.35
57.0-57.5	6.6	0.3	296.4	0.10	94.44
57.5-58.0	6.9	0.3	296.8	0.10	94.55
58.0-58.5	7.0	0.3	297.1	0.10	94.65
58.5-59.0	5.9	0.3	297.4	0.09	94.74
59.0-59.5	5.9	0.3	297.6	0.09	94.83
59.5-60.0	6.2	0.3	297.9	0.09	94.92
60.0-60.5	5.8	0.3	298.2	0.09	95.01
60.5-61.0	5.6	0.3	298.5	0.09	95.09
61.0-61.5	5.1	0.2	298.7	0.08	95.17
61.5-62.0	4.8	0.2	299.0	0.07	95.25
62.0-62.5	4.9	0.2	299.2	0.08	95.32
62.5-63.0	4.7	0.2	299.4	0.07	95.39
63.0-63.5	4.0	0.2	299.6	0.06	95.46
63.5-64.0	3.2	0.2	299.8	0.05	95.51
64.0-64.5	3.4	0.2	299.9	0.05	95.56
64.5-65.0	3.9	0.2	300.1	0.06	95.62
65.0-65.5	3.6	0.2	300.3	0.06	95.68
65.5-66.0	2.7	0.1	300.5	0.04	95.72
66.0-66.5	3.3	0.2	300.6	0.05	95.77
66.5-67.0	4.1	0.2	300.8	0.07	95.84
67.0-67.5	3.2	0.2	301.0	0.05	95.89
67.5-68.0	2.5	0.1	301.1	0.04	95.93
68.0-68.5	2.0	0.1	301.2	0.03	95.97
68.5-69.0	2.1	0.1	301.3	0.03	96.00
69.0-69.5	2.8	0.1	301.5	0.05	96.05
69.5-70.0	2.4	0.1	301.6	0.04	96.09
70.0-70.5	2.0	0.1	301.7	0.03	96.12
70.5-71.0	1.5	0.1	301.8	0.02	96.14
71.0-71.5	1.4	0.1	301.8	0.02	96.17
71.5-72.0	1.9	0.1	301.9	0.03	96.20

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	2.3	0.1	302.1	0.04	96.24
72.5-73.0	2.3	0.1	302.2	0.04	96.27
73.0-73.5	1.8	0.1	302.3	0.03	96.30
73.5-74.0	1.8	0.1	302.4	0.03	96.33
74.0-74.5	2.0	0.1	302.5	0.03	96.37
74.5-75.0	1.8	0.1	302.6	0.03	96.40
75.0-75.5	2.2	0.1	302.7	0.04	96.44
75.5-76.0	2.1	0.1	302.8	0.04	96.47
76.0-76.5	1.3	0.1	302.9	0.02	96.49
76.5-77.0	1.6	0.1	303.0	0.03	96.52
77.0-77.5	2.0	0.1	303.1	0.03	96.55
77.5-78.0	1.7	0.1	303.2	0.03	96.58
78.0-78.5	1.6	0.1	303.2	0.03	96.61
78.5-79.0	1.5	0.1	303.3	0.03	96.63
79.0-79.5	1.2	0.1	303.4	0.02	96.66
79.5-80.0	1.1	0.1	303.4	0.02	96.67
80.0-80.5	1.3	0.1	303.5	0.02	96.70
80.5-81.0	1.4	0.1	303.6	0.02	96.72
81.0-81.5	1.0	0.1	303.6	0.02	96.74
81.5-82.0	1.1	0.1	303.7	0.02	96.76
82.0-82.5	1.5	0.1	303.8	0.03	96.78
82.5-83.0	1.0	0.1	303.8	0.02	96.80
83.0-83.5	0.8	0.0	303.9	0.01	96.81
83.5-84.0	0.6	0.0	303.9	0.01	96.82
84.0-84.5	0.5	0.0	303.9	0.01	96.83
84.5-85.0	0.9	0.0	304.0	0.02	96.85
85.0-85.5	1.0	0.1	304.0	0.02	96.86
85.5-86.0	1.0	0.1	304.1	0.02	96.88
86.0-86.5	1.2	0.1	304.2	0.02	96.90
86.5-87.0	1.1	0.1	304.2	0.02	96.92
87.0-87.5	1.1	0.1	304.3	0.02	96.94
87.5-88.0	0.9	0.1	304.3	0.02	96.96
88.0-88.5	0.7	0.0	304.4	0.01	96.97
88.5-89.0	0.7	0.0	304.4	0.01	96.98
89.0-89.5	0.6	0.0	304.4	0.01	96.99
89.5-90.0	0.8	0.0	304.5	0.01	97.01

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	1.2	0.1	304.6	0.02	97.03
90.5-91.0	1.0	0.1	304.6	0.02	97.04
91.0-91.5	0.8	0.0	304.7	0.01	97.06
91.5-92.0	0.8	0.0	304.7	0.01	97.07
92.0-92.5	0.6	0.0	304.7	0.01	97.08
92.5-93.0	0.5	0.0	304.8	0.01	97.09
93.0-93.5	0.5	0.0	304.8	0.01	97.10
93.5-94.0	0.4	0.0	304.8	0.01	97.11
94.0-94.5	0.4	0.0	304.8	0.01	97.12
94.5-95.0	0.6	0.0	304.9	0.01	97.13
95.0-95.5	0.6	0.0	304.9	0.01	97.14
95.5-96.0	0.5	0.0	304.9	0.01	97.15
96.0-96.5	0.5	0.0	305.0	0.01	97.16
96.5-97.0	0.6	0.0	305.0	0.01	97.17
97.0-97.5	0.6	0.0	305.0	0.01	97.18
97.5-98.0	0.6	0.0	305.1	0.01	97.19
98.0-98.5	0.4	0.0	305.1	0.01	97.19
98.5-99.0	0.4	0.0	305.1	0.01	97.20
99.0-99.5	0.6	0.0	305.1	0.01	97.21
99.5-100.0	0.7	0.0	305.2	0.01	97.22
100.0-100.5	1.1	0.1	305.2	0.02	97.24
100.5-101.0	1.1	0.1	305.3	0.02	97.26
101.0-101.5	1.0	0.1	305.3	0.02	97.28
101.5-102.0	0.8	0.0	305.4	0.01	97.29
102.0-102.5	0.7	0.0	305.4	0.01	97.30
102.5-103.0	0.8	0.0	305.5	0.01	97.32
103.0-103.5	0.6	0.0	305.5	0.01	97.33
103.5-104.0	0.7	0.0	305.5	0.01	97.34
104.0-104.5	0.7	0.0	305.6	0.01	97.35
104.5-105.0	0.7	0.0	305.6	0.01	97.36
105.0-105.5	1.2	0.1	305.7	0.02	97.38
105.5-106.0	1.7	0.1	305.8	0.03	97.41
106.0-106.5	1.5	0.1	305.8	0.03	97.44
106.5-107.0	1.8	0.1	305.9	0.03	97.47
107.0-107.5	2.6	0.1	306.1	0.04	97.51
107.5-108.0	2.8	0.1	306.2	0.05	97.56

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	3.0	0.2	306.4	0.05	97.61
108.5-109.0	3.4	0.2	306.5	0.06	97.66
109.0-109.5	3.0	0.2	306.7	0.05	97.71
109.5-110.0	2.4	0.1	306.8	0.04	97.75
110.0-110.5	2.3	0.1	306.9	0.04	97.79
110.5-111.0	2.6	0.1	307.1	0.04	97.83
111.0-111.5	2.7	0.1	307.2	0.04	97.88
111.5-112.0	2.6	0.1	307.4	0.04	97.92
112.0-112.5	2.7	0.1	307.5	0.04	97.96
112.5-113.0	2.3	0.1	307.6	0.04	98.00
113.0-113.5	2.1	0.1	307.7	0.03	98.03
113.5-114.0	2.5	0.1	307.8	0.04	98.07
114.0-114.5	2.4	0.1	308.0	0.04	98.11
114.5-115.0	2.2	0.1	308.1	0.04	98.15
115.0-115.5	2.5	0.1	308.2	0.04	98.19
115.5-116.0	2.5	0.1	308.3	0.04	98.23
116.0-116.5	2.7	0.1	308.5	0.04	98.27
116.5-117.0	2.1	0.1	308.6	0.03	98.30
117.0-117.5	1.4	0.1	308.6	0.02	98.32
117.5-118.0	1.8	0.1	308.7	0.03	98.35
118.0-118.5	2.0	0.1	308.8	0.03	98.38
118.5-119.0	1.8	0.1	308.9	0.03	98.41
119.0-119.5	1.3	0.1	309.0	0.02	98.43
119.5-120.0	1.1	0.1	309.0	0.02	98.45
120.0-120.5	1.1	0.1	309.1	0.02	98.46
120.5-121.0	0.6	0.0	309.1	0.01	98.47
121.0-121.5	0.3	0.0	309.1	0.01	98.48
121.5-122.0	0.9	0.0	309.1	0.01	98.49
122.0-122.5	1.0	0.0	309.2	0.01	98.51
122.5-123.0	0.8	0.0	309.2	0.01	98.52
123.0-123.5	1.0	0.0	309.3	0.01	98.53
123.5-124.0	1.1	0.0	309.3	0.02	98.55
124.0-124.5	0.7	0.0	309.4	0.01	98.56
124.5-125.0	0.8	0.0	309.4	0.01	98.57
125.0-125.5	1.0	0.0	309.4	0.01	98.58
125.5-126.0	0.9	0.0	309.5	0.01	98.60

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	1.1	0.1	309.5	0.02	98.61
126.5-127.0	1.1	0.0	309.6	0.02	98.63
127.0-127.5	1.0	0.0	309.6	0.01	98.64
127.5-128.0	0.8	0.0	309.7	0.01	98.65
128.0-128.5	0.8	0.0	309.7	0.01	98.66
128.5-129.0	0.8	0.0	309.7	0.01	98.67
129.0-129.5	0.9	0.0	309.8	0.01	98.69
129.5-130.0	1.3	0.1	309.8	0.02	98.70
130.0-130.5	0.7	0.0	309.8	0.01	98.71
130.5-131.0	0.5	0.0	309.9	0.01	98.72
131.0-131.5	1.1	0.0	309.9	0.01	98.73
131.5-132.0	0.9	0.0	309.9	0.01	98.75
132.0-132.5	0.9	0.0	310.0	0.01	98.76
132.5-133.0	1.4	0.1	310.0	0.02	98.78
133.0-133.5	1.5	0.1	310.1	0.02	98.79
133.5-134.0	1.0	0.0	310.1	0.01	98.81
134.0-134.5	1.0	0.0	310.2	0.01	98.82
134.5-135.0	1.5	0.1	310.2	0.02	98.84
135.0-135.5	1.3	0.1	310.3	0.02	98.85
135.5-136.0	1.0	0.0	310.3	0.01	98.87
136.0-136.5	1.0	0.0	310.4	0.01	98.88
136.5-137.0	0.8	0.0	310.4	0.01	98.89
137.0-137.5	1.1	0.0	310.4	0.01	98.90
137.5-138.0	1.5	0.1	310.5	0.02	98.92
138.0-138.5	1.1	0.0	310.5	0.01	98.93
138.5-139.0	0.9	0.0	310.6	0.01	98.94
139.0-139.5	1.3	0.0	310.6	0.01	98.95
139.5-140.0	1.4	0.1	310.7	0.02	98.97
140.0-140.5	1.0	0.0	310.7	0.01	98.98
140.5-141.0	0.9	0.0	310.7	0.01	98.99
141.0-141.5	1.1	0.0	310.8	0.01	99.01
141.5-142.0	0.8	0.0	310.8	0.01	99.01
142.0-142.5	0.7	0.0	310.8	0.01	99.02
142.5-143.0	0.9	0.0	310.8	0.01	99.03
143.0-143.5	1.0	0.0	310.9	0.01	99.04
143.5-144.0	1.5	0.0	310.9	0.02	99.06

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	1.7	0.1	311.0	0.02	99.07
144.5-145.0	1.5	0.0	311.0	0.01	99.09
145.0-145.5	1.6	0.0	311.1	0.02	99.11
145.5-146.0	1.7	0.1	311.1	0.02	99.12
146.0-146.5	1.6	0.0	311.2	0.02	99.14
146.5-147.0	1.5	0.0	311.2	0.01	99.15
147.0-147.5	1.7	0.1	311.3	0.02	99.17
147.5-148.0	1.7	0.0	311.3	0.02	99.18
148.0-148.5	1.5	0.0	311.4	0.01	99.20
148.5-149.0	1.9	0.1	311.4	0.02	99.21
149.0-149.5	2.2	0.1	311.5	0.02	99.23
149.5-150.0	1.6	0.0	311.5	0.01	99.25
150.0-150.5	1.8	0.0	311.6	0.02	99.26
150.5-151.0	2.1	0.1	311.6	0.02	99.28
151.0-151.5	2.1	0.1	311.7	0.02	99.30
151.5-152.0	2.2	0.1	311.7	0.02	99.32
152.0-152.5	2.5	0.1	311.8	0.02	99.34
152.5-153.0	2.4	0.1	311.9	0.02	99.36
153.0-153.5	2.1	0.1	311.9	0.02	99.37
153.5-154.0	2.1	0.1	312.0	0.02	99.39
154.0-154.5	2.1	0.1	312.0	0.02	99.41
154.5-155.0	2.5	0.1	312.1	0.02	99.43
155.0-155.5	2.4	0.1	312.1	0.02	99.44
155.5-156.0	2.0	0.0	312.2	0.01	99.46
156.0-156.5	2.2	0.0	312.2	0.02	99.47
156.5-157.0	2.7	0.1	312.3	0.02	99.49
157.0-157.5	2.6	0.1	312.3	0.02	99.51
157.5-158.0	2.6	0.1	312.4	0.02	99.53
158.0-158.5	2.8	0.1	312.5	0.02	99.54
158.5-159.0	2.4	0.0	312.5	0.02	99.56
159.0-159.5	2.8	0.1	312.6	0.02	99.58
159.5-160.0	2.9	0.1	312.6	0.02	99.59
160.0-160.5	2.7	0.1	312.7	0.02	99.61
160.5-161.0	3.3	0.1	312.7	0.02	99.63
161.0-161.5	3.3	0.1	312.8	0.02	99.65
161.5-162.0	3.3	0.1	312.8	0.02	99.66

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	3.4	0.1	312.9	0.02	99.68
162.5-163.0	3.5	0.1	312.9	0.02	99.70
163.0-163.5	4.1	0.1	313.0	0.02	99.72
163.5-164.0	3.7	0.1	313.1	0.02	99.74
164.0-164.5	3.4	0.1	313.1	0.02	99.76
164.5-165.0	3.1	0.0	313.2	0.01	99.77
165.0-165.5	2.7	0.0	313.2	0.01	99.78
165.5-166.0	3.2	0.0	313.2	0.01	99.80
166.0-166.5	3.5	0.0	313.3	0.01	99.81
166.5-167.0	3.5	0.0	313.3	0.01	99.82
167.0-167.5	4.0	0.0	313.4	0.02	99.84
167.5-168.0	3.7	0.0	313.4	0.01	99.85
168.0-168.5	3.0	0.0	313.5	0.01	99.86
168.5-169.0	3.2	0.0	313.5	0.01	99.87
169.0-169.5	3.3	0.0	313.5	0.01	99.89
169.5-170.0	3.8	0.0	313.6	0.01	99.90
170.0-170.5	3.5	0.0	313.6	0.01	99.91
170.5-171.0	2.8	0.0	313.6	0.01	99.92
171.0-171.5	2.9	0.0	313.6	0.01	99.92
171.5-172.0	3.1	0.0	313.7	0.01	99.93
172.0-172.5	3.5	0.0	313.7	0.01	99.94
172.5-173.0	3.6	0.0	313.7	0.01	99.95
173.0-173.5	3.0	0.0	313.7	0.01	99.95
173.5-174.0	3.3	0.0	313.8	0.01	99.96
174.0-174.5	4.5	0.0	313.8	0.01	99.97
174.5-175.0	4.2	0.0	313.8	0.01	99.97
175.0-175.5	3.7	0.0	313.8	0.01	99.98
175.5-176.0	3.3	0.0	313.8	0.00	99.98
176.0-176.5	3.6	0.0	313.8	0.00	99.99
176.5-177.0	4.0	0.0	313.9	0.00	99.99
177.0-177.5	3.2	0.0	313.9	0.00	99.99
177.5-178.0	2.8	0.0	313.9	0.00	100.00
178.0-178.5	2.9	0.0	313.9	0.00	100.00
178.5-179.0	2.9	0.0	313.9	0.00	100.00
179.0-179.5	3.2	0.0	313.9	0.00	100.00
179.5-180.0	3.5	0.0	313.9	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	2718.4	2743.4	2842.4	2962.4	2718.4	2743.4	2842.4	2962.4	2718.4	
G0.5	2694.3	2776.4	2904.6	3005.4	2718.6	2692.8	2758.1	2890.9	2694.3	
G1.0	2646.4	2782.3	2940.8	3015.6	2693.4	2618.4	2656.5	2794.5	2646.4	
G1.5	2578.8	2757.4	2943.4	2993.0	2646.4	2512.5	2533.6	2685.5	2578.8	
G2.0	2487.8	2721.1	2918.7	2951.2	2579.9	2413.9	2401.7	2557.4	2487.8	
G2.5	2381.9	2655.1	2867.9	2875.9	2492.8	2297.0	2261.1	2417.2	2381.9	
G3.0	2256.6	2562.6	2793.2	2781.0	2392.2	2159.6	2111.5	2265.6	2256.6	
G3.5	2126.4	2457.0	2699.6	2653.5	2283.1	2027.0	1961.8	2098.1	2126.4	
G4.0	1987.4	2336.6	2587.6	2525.1	2165.6	1891.4	1802.2	1942.0	1987.4	
G4.5	1845.9	2215.2	2454.5	2385.1	2035.6	1758.9	1665.7	1795.1	1845.9	
G5.0	1702.5	2065.4	2313.3	2240.5	1902.8	1624.4	1512.5	1637.9	1702.5	
G5.5	1558.0	1922.5	2162.5	2089.1	1768.7	1481.3	1372.8	1472.8	1558.0	
G6.0	1414.5	1772.7	2016.4	1936.1	1631.2	1356.2	1248.3	1326.5	1414.5	
G6.5	1279.7	1630.9	1863.2	1777.0	1504.1	1248.3	1134.6	1195.0	1279.7	
G7.0	1155.7	1488.9	1714.5	1624.1	1387.3	1129.7	1028.4	1068.4	1155.7	
G7.5	1042.3	1352.1	1564.9	1480.9	1274.4	1024.9	928.1	955.9	1042.3	
G8.0	930.2	1219.6	1431.7	1348.4	1162.0	927.0	827.1	843.5	930.2	
G8.5	830.1	1108.9	1304.1	1231.8	1058.6	835.9	747.4	756.0	830.1	
G9.0	737.9	990.9	1169.9	1106.7	965.8	752.2	668.4	668.7	737.9	
G9.5	653.2	888.5	1062.3	997.0	872.6	674.6	588.9	584.8	653.2	
G10.0	577.4	791.0	959.7	894.0	790.6	604.3	523.6	516.2	577.4	
G10.5	509.4	706.7	863.7	798.5	710.0	540.4	466.1	455.7	509.4	
G11.0	445.0	619.7	774.3	714.5	644.1	482.8	414.4	401.6	445.0	
G11.5	397.4	546.8	690.1	636.2	575.3	427.0	368.5	351.5	397.4	
G12.0	348.0	482.6	617.6	567.0	515.5	385.9	322.7	314.5	348.0	
G12.5	312.3	424.9	547.8	504.1	462.6	346.0	288.5	276.2	312.3	
G13.0	273.8	373.4	485.9	447.5	415.1	308.0	263.6	248.8	273.8	
G13.5	244.0	329.4	432.2	397.2	372.1	278.6	235.2	220.7	244.0	
G14.0	218.6	291.2	381.3	349.4	335.5	252.1	212.7	199.6	218.6	
G14.5	196.7	260.0	339.9	315.8	302.7	228.5	193.2	181.6	196.7	
G15.0	178.4	231.0	302.6	279.6	276.2	208.1	177.6	167.5	178.4	
G15.5	164.6	206.6	271.5	251.4	248.2	190.2	158.3	152.8	164.6	
G16.0	151.7	187.2	243.9	227.2	226.7	174.3	148.3	140.9	151.7	
G16.5	138.3	170.7	220.4	205.4	206.8	160.1	137.0	130.9	138.3	
G17.0	130.5	156.0	199.7	187.5	186.4	147.7	127.2	122.1	130.5	
G17.5	121.8	144.2	181.8	170.8	173.2	136.7	116.0	115.1	121.8	
G18.0	114.3	133.6	165.8	156.4	156.6	127.4	107.9	107.6	114.3	

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	107.7	124.6	152.9	144.1	144.8	119.3	101.7	101.8	107.7	
G19.0	100.1	116.5	140.2	133.5	134.2	112.3	99.0	96.7	100.1	
G19.5	94.6	109.6	130.3	124.4	126.8	106.1	94.1	92.2	94.6	
G20.0	92.4	101.8	120.5	116.3	116.8	100.9	87.3	88.1	92.4	
G20.5	86.6	98.8	112.6	109.5	111.9	94.4	83.8	84.3	86.6	
G21.0	83.3	91.5	106.5	103.4	103.7	92.0	82.7	83.2	83.3	
G21.5	80.4	87.3	100.1	98.4	100.4	86.5	79.4	80.6	80.4	
G22.0	79.5	83.8	95.0	93.6	95.7	84.7	76.8	75.9	79.5	
G22.5	75.4	80.5	90.6	90.2	88.9	82.0	74.6	75.9	75.4	
G23.0	75.1	80.7	86.7	86.8	85.8	77.0	72.4	74.1	75.1	
G23.5	73.0	78.5	82.0	83.7	82.1	74.3	70.4	72.3	73.0	
G24.0	71.2	76.5	79.1	80.7	82.0	74.6	67.6	67.7	71.2	
G24.5	69.3	74.5	77.8	77.0	76.5	72.7	66.9	65.8	69.3	
G25.0	67.7	72.7	73.8	74.6	74.1	71.0	64.6	67.5	67.7	
G25.5	64.8	71.1	71.6	72.5	71.9	69.4	63.7	62.5	64.8	
G26.0	64.5	65.5	69.6	70.4	69.9	65.1	62.2	60.9	64.5	
G26.5	63.1	67.8	67.7	68.6	67.9	66.9	61.0	63.0	63.1	
G27.0	60.5	62.3	66.1	67.0	69.2	62.2	59.6	58.1	60.5	
G27.5	59.8	64.8	66.3	67.7	65.2	64.4	58.3	56.4	59.8	
G28.0	58.2	59.4	64.9	63.8	67.1	63.1	56.8	58.7	58.2	
G28.5	56.7	57.7	63.5	65.5	65.9	57.7	55.3	57.1	56.7	
G29.0	54.7	60.5	60.0	61.2	65.1	60.1	54.0	51.7	54.7	
G29.5	53.7	58.9	58.4	59.7	63.9	58.7	52.7	54.3	53.7	
G30.0	52.3	57.3	56.8	58.2	62.1	53.0	50.3	52.9	52.3	
G30.5	50.9	55.5	57.6	56.3	56.7	55.7	49.0	47.4	50.9	
G31.0	49.6	49.7	53.6	57.8	57.8	54.7	49.2	50.3	49.6	
G31.5	48.2	52.6	54.5	56.2	56.2	48.9	48.0	44.8	48.2	
G32.0	46.8	51.3	53.1	51.0	51.7	51.7	45.0	47.9	46.8	
G32.5	46.1	45.6	51.7	49.6	50.6	50.5	45.8	42.3	46.1	
G33.0	44.2	48.8	50.5	52.0	49.3	45.0	42.7	41.1	44.2	
G33.5	43.8	47.5	46.3	50.6	51.2	44.1	41.3	44.2	43.8	
G34.0	41.8	42.1	44.9	45.5	46.8	47.6	40.2	38.8	41.8	
G34.5	41.7	41.1	46.6	48.1	45.5	46.8	39.0	37.7	41.7	
G35.0	39.4	40.1	42.3	42.8	44.2	45.9	40.6	36.4	39.4	
G35.5	38.0	39.3	44.1	45.8	43.1	44.9	39.5	39.5	38.0	
G36.0	36.8	42.2	42.9	40.4	45.2	43.6	35.7	34.3	36.8	
G36.5	35.7	37.5	38.6	39.2	44.0	38.3	37.5	33.2	35.7	

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 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	36.4	36.5	37.3	42.3	39.8	37.1	36.6	36.3	36.4	
G37.5	35.4	35.4	36.4	37.0	42.0	36.3	32.4	35.3	35.4	
G38.0	34.5	37.8	38.5	40.0	40.9	35.5	31.4	34.3	34.5	
G38.5	33.7	36.7	37.5	39.0	36.8	38.5	33.9	33.3	33.7	
G39.0	30.4	35.8	36.5	38.0	35.8	33.4	33.1	28.6	30.4	
G39.5	32.0	34.8	35.5	32.6	38.0	35.9	28.7	27.7	32.0	
G40.0	31.2	33.8	31.2	31.8	37.0	34.8	31.6	30.4	31.2	
G40.5	27.3	30.1	33.7	35.0	36.0	34.0	26.9	29.5	27.3	
G41.0	29.5	29.2	29.3	29.8	32.1	33.0	26.0	25.2	29.5	
G41.5	28.5	28.5	31.9	29.0	34.4	29.0	29.2	24.4	28.5	
G42.0	24.4	29.7	31.1	32.0	33.4	31.4	28.5	26.6	24.4	
G42.5	23.6	28.7	26.6	27.1	32.6	30.5	23.7	25.8	23.6	
G43.0	22.8	28.2	29.5	26.3	31.8	27.0	23.0	22.1	22.8	
G43.5	25.7	25.6	24.9	25.5	31.1	28.9	26.3	24.2	25.7	
G44.0	25.0	25.0	24.2	24.6	27.3	28.2	25.6	20.6	25.0	
G44.5	20.3	25.5	27.1	27.7	26.6	24.9	24.9	19.9	20.3	
G45.0	19.6	23.8	26.4	23.2	28.7	24.2	19.7	21.5	19.6	
G45.5	22.8	23.1	21.8	22.5	28.0	25.7	23.1	20.6	22.8	
G46.0	22.1	22.3	21.0	21.8	27.3	22.8	22.3	19.8	22.1	
G46.5	21.2	21.9	20.2	24.5	26.5	21.9	17.3	19.0	21.2	
G47.0	16.2	20.9	19.6	23.7	23.0	23.0	16.4	16.7	16.2	
G47.5	15.6	20.1	18.6	19.7	22.3	20.5	19.7	16.0	15.6	
G48.0	14.8	19.2	21.7	21.9	21.6	19.7	14.8	15.4	14.8	
G48.5	18.3	18.2	16.9	21.2	23.2	20.1	14.1	15.6	18.3	
G49.0	17.5	17.8	20.2	17.8	22.4	19.2	17.3	14.7	17.5	
G49.5	12.6	16.4	19.4	19.6	19.1	18.3	12.3	13.3	12.6	
G50.0	11.9	16.4	18.4	18.9	20.6	17.5	15.6	12.6	11.9	
G50.5	11.1	15.6	17.7	15.5	17.4	15.8	10.8	12.0	11.1	
G51.0	10.6	13.7	12.8	14.9	16.7	15.0	10.1	11.6	10.6	
G51.5	9.9	14.3	16.1	16.2	18.1	14.7	9.5	10.9	9.9	
G52.0	13.3	12.0	11.0	13.5	15.1	14.0	12.7	10.2	13.3	
G52.5	8.6	12.9	14.4	14.6	14.3	13.0	12.2	9.5	8.6	
G53.0	8.0	10.3	13.8	13.8	15.6	12.3	11.5	8.9	8.0	
G53.5	7.5	9.5	8.9	13.1	14.9	11.9	11.0	8.3	7.5	
G54.0	10.8	11.1	8.3	11.3	14.1	10.9	10.4	8.6	10.8	
G54.5	10.2	8.2	11.9	11.7	13.4	10.8	6.3	8.2	10.2	
G55.0	6.1	10.2	11.3	11.1	12.7	10.4	5.9	6.8	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:

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	5.8	6.9	10.8	10.4	10.6	8.9	8.9	6.3	5.8	
G56.0	5.4	6.3	10.3	9.9	11.5	8.3	5.2	6.0	5.4	
G56.5	8.3	9.0	9.9	9.4	10.9	9.0	8.2	5.5	8.3	
G57.0	4.8	8.6	5.2	8.9	9.1	8.6	4.6	5.2	4.8	
G57.5	4.6	4.9	4.7	8.3	8.7	8.3	4.2	6.6	4.6	
G58.0	7.2	8.1	8.6	7.9	9.4	8.0	7.2	4.5	7.2	
G58.5	4.1	7.7	8.2	7.4	8.1	5.9	3.8	6.2	4.1	
G59.0	4.0	3.9	3.6	7.6	8.4	5.5	3.5	6.1	4.0	
G59.5	6.1	3.5	7.6	7.5	8.1	7.0	6.2	5.9	6.1	
G60.0	5.8	7.0	3.2	7.2	7.2	4.8	6.0	5.6	5.8	
G60.5	3.4	6.9	7.0	5.8	7.2	4.3	5.6	5.5	3.4	
G61.0	3.3	2.6	6.8	6.8	6.8	6.4	5.5	5.4	3.3	
G61.5	3.3	2.3	2.3	6.7	6.4	6.2	5.2	5.2	3.3	
G62.0	4.7	6.3	2.1	6.4	6.1	3.4	5.0	5.0	4.7	
G62.5	4.5	6.1	6.0	6.3	5.8	5.9	2.2	2.0	4.5	
G63.0	4.2	1.8	5.9	4.1	5.3	5.8	4.7	4.8	4.2	
G63.5	2.9	1.6	1.6	3.8	5.3	5.6	4.5	1.6	2.9	
G64.0	2.8	1.4	1.4	3.4	4.7	5.5	4.2	1.4	2.8	
G64.5	3.5	5.6	5.3	3.3	4.2	2.2	4.1	1.3	3.5	
G65.0	2.8	5.4	5.2	2.9	4.8	5.3	1.8	4.5	2.8	
G65.5	2.8	1.1	5.0	2.7	3.8	1.8	3.8	4.5	2.8	
G66.0	2.8	0.9	0.9	2.6	4.6	1.6	3.6	0.9	2.8	
G66.5	2.7	5.0	4.8	5.4	4.5	4.9	3.5	4.3	2.7	
G67.0	2.8	4.9	4.7	5.4	4.3	1.3	3.3	4.2	2.8	
G67.5	2.9	4.8	0.6	5.3	2.8	1.2	1.4	0.6	2.9	
G68.0	2.9	4.7	4.5	1.8	4.2	1.1	1.4	0.5	2.9	
G68.5	2.0	0.5	0.5	1.6	4.2	0.8	1.3	0.3	2.0	
G69.0	1.8	4.7	0.3	5.2	4.1	4.6	1.3	0.2	1.8	
G69.5	1.8	0.3	4.1	5.0	4.0	0.6	2.7	4.1	1.8	
G70.0	1.5	0.3	4.0	1.2	2.0	4.5	2.6	0.1	1.5	
G70.5	1.4	4.3	3.9	1.1	1.8	0.2	2.6	0.1	1.4	
G71.0	1.2	0.3	0.1	0.9	4.0	0.2	1.2	0.0	1.2	
G71.5	3.2	4.1	0.1	0.8	4.0	0.2	2.3	0.0	3.2	
G72.0	1.1	0.3	0.0	4.8	4.0	0.1	1.1	4.0	1.1	
G72.5	0.8	3.9	3.5	4.7	4.0	4.2	1.1	0.0	0.8	
G73.0	0.7	3.8	3.4	0.5	3.9	0.0	2.0	0.0	0.7	
G73.5	0.6	3.6	0.0	4.6	0.9	4.1	1.1	0.0	0.6	

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	0.5	0.2	3.2	4.6	4.0	0.0	1.8	0.0	0.5	
G74.5	3.3	0.2	0.0	4.5	3.9	3.9	1.6	0.0	3.3	
G75.0	3.3	0.3	3.0	0.0	0.6	0.0	0.9	3.6	3.3	
G75.5	3.4	0.2	2.9	4.2	3.8	3.9	0.9	3.5	3.4	
G76.0	3.4	2.9	2.9	0.0	0.2	0.0	0.9	0.0	3.4	
G76.5	3.4	2.8	2.8	0.0	0.1	0.0	1.3	0.0	3.4	
G77.0	3.4	0.3	2.7	4.0	0.1	0.0	1.3	3.4	3.4	
G77.5	3.3	2.6	2.6	0.0	0.0	3.4	0.9	3.3	3.3	
G78.0	3.4	0.3	0.0	0.0	3.6	0.0	1.1	3.3	3.4	
G78.5	3.4	0.3	2.3	0.0	0.0	3.3	0.9	3.2	3.4	
G79.0	0.0	2.2	0.0	3.5	0.0	3.2	0.9	0.0	0.0	
G79.5	0.0	2.0	0.0	3.4	0.0	0.0	0.9	3.0	0.0	
G80.0	0.0	0.5	0.0	3.3	3.5	0.0	0.9	0.0	0.0	
G80.5	0.0	1.8	0.0	3.2	0.0	3.0	0.9	3.0	0.0	
G81.0	3.3	1.6	1.9	0.0	0.0	2.9	0.5	0.0	3.3	
G81.5	0.0	0.6	1.8	0.0	0.0	2.8	0.9	0.0	0.0	
G82.0	3.2	1.4	1.6	0.0	0.0	2.7	0.3	2.8	3.2	
G82.5	3.2	0.7	1.6	0.0	0.0	2.7	0.2	2.8	3.2	
G83.0	0.0	0.6	0.0	0.0	0.0	2.6	0.9	0.0	0.0	
G83.5	0.0	0.9	0.0	2.6	0.0	2.5	0.1	2.7	0.0	
G84.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G84.5	0.0	0.8	1.2	2.3	0.0	2.3	0.0	0.0	0.0	
G85.0	0.0	0.6	1.1	0.0	3.0	0.0	0.0	2.6	0.0	
G85.5	0.0	0.9	0.1	0.0	3.0	2.1	0.0	2.5	0.0	
G86.0	2.7	0.9	0.8	0.0	0.0	0.0	1.1	2.5	2.7	
G86.5	2.7	0.9	0.7	0.0	2.8	0.0	1.1	2.3	2.7	
G87.0	0.0	1.1	0.6	1.8	2.8	0.0	1.1	0.0	0.0	
G87.5	2.6	1.1	0.3	1.5	0.0	1.6	1.2	2.2	2.6	
G88.0	2.6	0.0	0.3	0.0	0.0	1.5	0.0	0.0	2.6	
G88.5	2.5	1.2	0.2	0.0	0.0	1.5	1.2	0.0	2.5	
G89.0	2.5	1.3	0.3	0.0	0.0	0.0	1.2	0.0	2.5	
G89.5	0.0	1.3	0.5	1.1	0.0	1.4	0.0	0.0	0.0	
G90.0	2.3	1.4	0.0	0.0	2.5	0.0	0.0	2.1	2.3	
G90.5	2.3	1.4	0.6	0.9	2.5	1.2	1.3	0.0	2.3	
G91.0	0.0	0.0	0.7	0.7	2.3	0.0	0.0	2.0	0.0	
G91.5	0.0	1.6	0.7	0.5	2.3	0.0	0.0	1.9	0.0	
G92.0	2.1	1.6	0.7	0.0	0.0	0.0	1.5	0.0	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 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	1.6	0.0	0.3	2.2	0.0	0.0	0.0	0.0	
G93.0	0.0	1.8	0.8	0.2	0.0	0.0	0.0	1.8	0.0	
G93.5	1.9	0.0	0.0	0.1	0.0	0.6	1.5	0.0	1.9	
G94.0	0.0	0.0	1.1	0.0	2.0	0.0	0.0	0.0	0.0	
G94.5	1.8	0.0	0.0	0.0	0.0	0.3	1.6	0.0	1.8	
G95.0	0.0	1.9	0.0	0.0	1.9	0.1	0.0	1.5	0.0	
G95.5	0.0	0.0	0.0	0.7	1.9	0.1	0.0	1.5	0.0	
G96.0	1.5	0.0	1.4	0.8	0.0	0.1	0.0	0.0	1.5	
G96.5	0.0	2.0	0.0	0.9	0.0	0.0	1.8	0.0	0.0	
G97.0	1.4	0.0	0.0	0.9	0.0	0.5	1.8	0.0	1.4	
G97.5	1.3	0.0	0.0	1.1	0.0	0.6	1.9	0.0	1.3	
G98.0	0.0	0.0	1.5	0.0	1.5	0.7	0.0	1.3	0.0	
G98.5	0.1	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.1	
G99.0	0.1	0.0	0.0	1.3	1.4	0.8	0.0	1.2	0.1	
G99.5	1.2	0.0	0.0	0.0	0.0	0.9	2.0	0.0	1.2	
G100.0	1.1	0.0	0.0	1.4	0.0	1.1	2.0	1.1	1.1	
G100.5	0.5	2.2	1.9	1.5	1.3	0.0	2.0	0.9	0.5	
G101.0	0.6	2.2	2.0	0.0	0.0	0.0	2.0	0.9	0.6	
G101.5	0.8	0.0	0.0	1.6	1.1	1.3	2.1	0.8	0.8	
G102.0	0.9	0.0	0.0	1.8	0.3	1.3	0.0	0.0	0.9	
G102.5	0.9	0.0	0.0	1.9	0.5	1.4	2.1	0.7	0.9	
G103.0	0.7	0.0	0.0	0.0	1.2	1.5	2.1	0.0	0.7	
G103.5	0.7	0.0	0.0	0.0	0.8	0.0	2.2	0.0	0.7	
G104.0	1.5	0.0	0.0	1.9	1.2	1.6	0.0	0.5	1.5	
G104.5	2.1	0.0	0.0	0.0	1.3	1.8	0.0	0.0	2.1	
G105.0	2.9	0.0	0.0	0.0	1.3	1.8	0.0	0.3	2.9	
G105.5	4.5	2.3	0.0	2.1	1.5	0.0	2.3	0.3	4.5	
G106.0	6.0	0.0	2.2	0.0	2.9	0.0	2.2	0.1	6.0	
G106.5	7.2	0.0	0.0	0.0	3.9	0.0	0.0	0.2	7.2	
G107.0	8.1	0.0	0.0	2.1	5.5	2.0	0.0	0.1	8.1	
G107.5	9.0	0.0	2.1	2.2	8.0	2.1	0.0	0.3	9.0	
G108.0	9.6	2.5	0.0	0.0	9.1	0.0	0.0	0.3	9.6	
G108.5	10.0	2.3	2.2	0.0	9.7	0.0	2.2	0.0	10.0	
G109.0	10.2	2.3	2.2	0.0	10.0	0.0	2.3	0.6	10.2	
G109.5	7.7	0.0	2.1	0.0	8.3	2.2	0.0	0.0	7.7	
G110.0	7.7	0.0	0.0	0.0	9.9	0.0	0.0	0.7	7.7	
G110.5	7.5	0.0	0.0	0.0	7.5	0.0	2.2	0.8	7.5	

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	9.7	2.3	0.0	0.0	9.0	2.3	0.0	0.8	9.7	
G111.5	6.6	0.0	2.1	0.0	6.3	2.3	2.2	0.0	6.6	
G112.0	6.1	2.5	2.0	2.3	5.8	2.3	0.0	0.9	6.1	
G112.5	5.6	2.5	2.0	2.3	4.9	0.0	2.1	1.1	5.6	
G113.0	5.2	0.0	2.0	0.0	7.2	0.0	2.1	0.0	5.2	
G113.5	4.5	2.3	1.9	2.3	4.3	2.5	0.0	0.0	4.5	
G114.0	7.5	0.0	1.9	2.5	7.0	2.5	0.0	1.2	7.5	
G114.5	7.5	0.0	0.0	0.0	7.2	0.0	2.0	0.0	7.5	
G115.0	7.5	0.0	0.0	2.3	7.2	0.0	2.0	0.0	7.5	
G115.5	7.4	0.0	1.6	2.3	7.3	0.0	1.9	0.0	7.4	
G116.0	3.9	2.2	1.4	2.2	7.4	2.3	0.0	0.0	3.9	
G116.5	7.5	0.0	1.4	2.2	7.4	2.3	1.9	1.5	7.5	
G117.0	3.9	2.2	0.0	0.0	2.9	0.0	0.0	0.0	3.9	
G117.5	4.1	0.0	1.2	2.2	2.0	0.0	1.8	1.6	4.1	
G118.0	4.5	2.2	1.1	2.1	2.1	2.3	1.6	0.0	4.5	
G118.5	8.6	2.1	0.0	0.0	2.1	0.0	1.6	1.8	8.6	
G119.0	8.6	0.0	0.8	0.0	0.0	0.0	1.6	1.8	8.6	
G119.5	4.7	0.0	0.0	2.0	0.0	0.0	1.6	0.0	4.7	
G120.0	0.0	2.0	0.0	0.0	2.2	2.2	1.5	1.9	0.0	
G120.5	0.0	2.1	0.0	1.9	2.3	0.0	1.4	0.0	0.0	
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	
G121.5	0.0	2.0	0.3	1.8	0.0	0.0	0.0	0.0	0.0	
G122.0	2.5	2.0	0.2	1.6	2.3	0.0	1.2	0.0	2.5	
G122.5	0.0	0.0	0.1	1.5	2.3	0.0	0.0	2.1	0.0	
G123.0	0.0	0.0	0.0	1.5	0.0	1.9	1.1	2.1	0.0	
G123.5	2.5	2.0	0.6	1.4	0.0	0.0	0.0	2.3	2.5	
G124.0	2.5	1.9	0.0	1.3	2.5	0.0	0.0	0.0	2.5	
G124.5	0.0	0.0	0.8	1.2	0.0	0.0	0.9	0.0	0.0	
G125.0	2.5	1.8	0.0	0.0	2.5	1.6	0.0	2.2	2.5	
G125.5	0.0	1.8	0.0	0.0	0.0	1.6	0.0	2.3	0.0	
G126.0	2.5	1.8	0.0	0.9	0.0	0.0	0.6	2.3	2.5	
G126.5	2.5	0.0	0.0	0.8	2.5	1.5	0.5	2.3	2.5	
G127.0	2.6	1.8	0.0	0.7	2.3	0.0	0.5	0.0	2.6	
G127.5	2.5	1.8	0.0	0.7	0.0	0.0	0.3	2.5	2.5	
G128.0	0.0	0.0	1.5	0.2	0.0	1.2	0.3	2.5	0.0	
G128.5	0.0	0.0	1.5	0.5	2.3	0.0	0.5	2.5	0.0	
G129.0	2.6	1.6	0.0	0.3	0.0	0.0	0.6	0.0	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 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	2.6	1.6	1.6	0.3	2.2	0.9	0.6	0.0	2.6	
G130.0	2.5	0.0	1.9	0.2	2.2	0.0	0.7	2.6	2.5	
G130.5	0.0	0.0	0.0	0.7	0.0	0.1	0.0	0.0	0.0	
G131.0	0.0	1.5	2.0	0.0	0.0	0.7	0.8	2.6	0.0	
G131.5	2.5	0.0	2.0	0.0	2.0	0.3	0.0	2.6	2.5	
G132.0	0.0	1.5	2.1	1.1	0.0	0.5	0.0	0.0	0.0	
G132.5	2.6	1.5	2.2	0.0	1.9	0.5	1.2	0.0	2.6	
G133.0	2.5	1.4	2.2	1.2	1.9	0.2	1.2	2.6	2.5	
G133.5	2.5	1.4	2.3	0.0	0.0	0.2	1.3	2.6	2.5	
G134.0	0.0	1.4	0.0	1.4	0.0	0.1	0.0	2.6	0.0	
G134.5	2.5	1.4	2.3	0.0	1.6	0.0	0.0	2.7	2.5	
G135.0	2.6	1.3	2.3	1.6	1.6	0.0	1.6	2.6	2.6	
G135.5	2.5	1.3	0.0	1.6	0.0	0.0	1.6	0.0	2.5	
G136.0	2.5	0.0	0.0	1.8	1.4	1.3	1.8	0.0	2.5	
G136.5	2.5	0.0	2.5	0.0	0.0	0.0	1.9	0.0	2.5	
G137.0	2.5	1.3	0.0	0.0	0.0	0.0	2.0	0.0	2.5	
G137.5	2.5	1.2	0.0	2.1	1.2	0.0	2.0	2.6	2.5	
G138.0	2.6	1.1	2.6	2.1	1.1	0.0	0.0	2.6	2.6	
G138.5	2.5	0.0	0.0	0.0	0.1	0.0	0.0	2.6	2.5	
G139.0	2.6	1.1	0.0	2.2	0.1	0.0	0.0	2.6	2.6	
G139.5	0.0	1.1	2.6	2.3	0.9	0.0	2.3	2.7	0.0	
G140.0	0.0	0.2	2.6	2.5	0.8	2.1	0.0	2.7	0.0	
G140.5	0.0	0.2	2.6	0.0	0.5	0.0	2.5	0.0	0.0	
G141.0	2.6	1.1	0.0	2.5	0.6	0.0	0.0	2.7	2.6	
G141.5	2.6	0.3	2.6	0.0	0.6	0.0	2.6	0.0	2.6	
G142.0	0.0	0.5	0.0	0.0	0.8	0.0	2.7	0.0	0.0	
G142.5	0.0	0.9	0.0	0.0	0.9	2.7	0.0	2.7	0.0	
G143.0	0.0	0.6	2.5	0.0	1.1	2.7	0.0	0.0	0.0	
G143.5	0.0	0.6	2.6	0.0	0.3	2.8	0.0	2.7	0.0	
G144.0	2.8	0.7	0.0	2.7	0.3	2.9	3.0	2.7	2.8	
G144.5	0.0	0.7	0.0	2.8	0.3	3.0	3.0	2.7	0.0	
G145.0	2.8	0.8	2.5	0.0	1.6	3.2	0.0	0.0	2.8	
G145.5	2.8	0.9	0.0	2.9	1.8	0.0	3.3	2.8	2.8	
G146.0	2.9	0.9	2.5	2.9	0.2	0.0	0.0	2.8	2.9	
G146.5	3.0	0.9	0.0	2.9	0.2	0.0	3.4	2.8	3.0	
G147.0	0.0	1.2	0.0	3.0	2.2	3.5	0.0	0.0	0.0	
G147.5	0.0	1.3	2.3	3.2	0.2	3.6	3.6	2.9	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 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	0.0	1.4	2.2	3.2	2.5	0.0	0.0	0.3	0.0	
G148.5	0.0	1.1	2.2	0.0	0.2	3.8	3.8	2.9	0.0	
G149.0	3.3	1.1	0.0	3.2	2.7	3.9	0.0	2.9	3.3	
G149.5	0.0	1.6	2.3	0.0	2.9	4.0	3.9	2.9	0.0	
G150.0	3.4	1.2	0.2	0.0	3.0	0.0	0.0	0.8	3.4	
G150.5	3.6	1.2	0.5	3.4	0.3	4.1	4.0	2.9	3.6	
G151.0	3.8	2.1	0.6	3.4	3.3	0.0	0.0	1.2	3.8	
G151.5	3.8	2.2	0.8	3.4	3.4	4.2	0.0	1.3	3.8	
G152.0	3.9	2.3	0.9	3.4	0.2	4.3	0.1	1.4	3.9	
G152.5	4.0	2.6	2.2	0.1	3.8	4.3	4.2	1.5	4.0	
G153.0	4.1	2.7	1.3	0.2	0.5	0.3	4.2	3.0	4.1	
G153.5	4.2	2.8	2.1	0.5	0.3	4.5	0.3	2.0	4.2	
G154.0	0.6	2.8	2.1	3.5	0.5	0.5	4.3	3.0	0.6	
G154.5	4.5	1.5	1.9	0.8	0.6	4.5	0.5	2.1	4.5	
G155.0	4.6	1.6	2.1	3.6	0.6	4.5	4.3	2.3	4.6	
G155.5	4.6	1.8	2.1	1.2	0.6	0.8	0.7	2.9	4.6	
G156.0	4.8	3.6	2.5	1.4	0.6	0.9	0.7	2.6	4.8	
G156.5	1.1	1.8	2.1	3.8	0.6	1.1	4.3	2.8	1.1	
G157.0	4.9	3.9	2.8	1.8	4.7	4.5	0.8	2.8	4.9	
G157.5	1.3	1.9	3.0	3.6	0.7	1.2	0.9	2.8	1.3	
G158.0	5.2	1.9	2.1	3.6	4.8	4.3	1.1	3.0	5.2	
G158.5	1.4	4.2	2.0	2.3	0.7	1.4	4.2	3.2	1.4	
G159.0	1.4	2.0	3.5	2.5	0.7	1.5	4.2	2.7	1.4	
G159.5	1.5	4.5	2.0	3.6	4.9	4.3	1.3	3.4	1.5	
G160.0	1.5	2.1	3.9	2.9	0.7	4.2	1.5	3.5	1.5	
G160.5	5.5	2.0	4.1	3.5	0.8	1.9	1.5	3.6	5.5	
G161.0	5.5	4.8	4.1	3.5	0.8	4.1	4.0	2.5	5.5	
G161.5	1.8	4.9	4.3	3.4	0.8	2.0	4.0	2.5	1.8	
G162.0	5.6	2.2	4.3	3.4	5.2	2.1	1.8	3.9	5.6	
G162.5	5.6	2.1	1.8	3.3	5.0	2.2	3.8	2.2	5.6	
G163.0	1.8	5.2	4.7	3.9	5.2	3.9	2.0	4.1	1.8	
G163.5	5.6	5.3	4.8	3.2	5.2	3.9	2.1	4.2	5.6	
G164.0	1.9	5.4	1.8	3.2	5.2	2.5	3.6	2.1	1.9	
G164.5	1.9	5.4	1.8	4.3	5.3	3.8	2.2	4.3	1.9	
G165.0	1.9	2.2	5.2	3.0	0.9	2.7	2.3	2.0	1.9	
G165.5	1.9	2.2	5.3	4.6	0.8	2.8	3.3	2.0	1.9	
G166.0	1.9	2.2	5.3	4.8	5.2	3.4	3.3	1.9	1.9	

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 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	2.0	5.8	5.4	4.9	0.9	3.4	3.2	1.8	2.0	
G167.0	5.8	5.8	1.6	2.8	5.2	3.3	2.8	1.8	5.8	
G167.5	2.0	5.8	5.5	5.0	5.2	3.2	2.9	4.7	2.0	
G168.0	2.0	5.9	5.6	2.6	0.9	3.0	2.9	1.5	2.0	
G168.5	2.0	5.9	1.6	5.3	0.9	3.4	2.9	1.5	2.0	
G169.0	2.0	6.0	5.8	2.6	0.9	2.8	2.8	4.9	2.0	
G169.5	6.0	2.0	5.8	2.5	1.1	3.5	2.7	1.4	6.0	
G170.0	5.9	6.0	1.6	5.5	5.2	2.7	3.4	4.9	5.9	
G170.5	2.1	6.0	1.6	2.2	1.1	3.8	3.5	1.3	2.1	
G171.0	2.0	2.0	1.6	5.8	5.2	2.5	2.3	1.2	2.0	
G171.5	2.0	1.9	6.0	2.1	1.1	2.3	3.8	5.0	2.0	
G172.0	2.0	1.9	6.0	2.1	1.1	3.9	3.9	5.0	2.0	
G172.5	5.9	1.9	6.0	5.9	5.0	2.1	2.0	1.1	5.9	
G173.0	5.8	1.9	5.9	2.0	5.0	2.0	4.0	1.1	5.8	
G173.5	2.0	6.0	1.6	1.9	1.2	1.9	4.2	1.1	2.0	
G174.0	5.8	5.9	6.0	1.9	4.9	1.8	1.6	5.2	5.8	
G174.5	5.8	5.9	5.9	5.9	1.2	4.3	4.3	5.2	5.8	
G175.0	5.8	1.6	1.6	5.9	4.8	4.3	4.5	0.9	5.8	
G175.5	1.8	1.5	5.8	1.6	4.8	4.5	4.5	5.2	1.8	
G176.0	1.8	1.5	1.6	5.8	1.4	1.3	4.7	5.2	1.8	
G176.5	5.5	1.4	5.6	5.8	4.7	4.7	1.3	5.2	5.5	
G177.0	1.6	1.3	5.5	1.5	4.7	4.8	4.9	5.2	1.6	
G177.5	1.5	1.3	5.4	5.6	1.5	4.8	1.2	1.1	1.5	
G178.0	5.4	1.3	1.8	5.5	4.6	1.1	1.1	1.1	5.4	
G178.5	5.3	1.3	4.9	5.3	4.5	0.9	1.1	1.2	5.3	
G179.0	1.4	1.4	2.6	4.7	4.3	1.1	5.4	1.4	1.4	
G179.5	4.9	2.0	3.5	2.7	4.2	5.2	1.1	4.7	4.9	
G180.0	1.9	2.5	4.3	2.6	3.8	5.2	5.2	2.9	1.9	

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: