

Report No.:

Test Time: 2024-12-13 09:31

Luminaire Property

Luminaire Manufacturer: 6750
Luminous Length (mm): 460
Luminous Height (mm): 8
Current: 0.099 A
Power Factor: 0.570

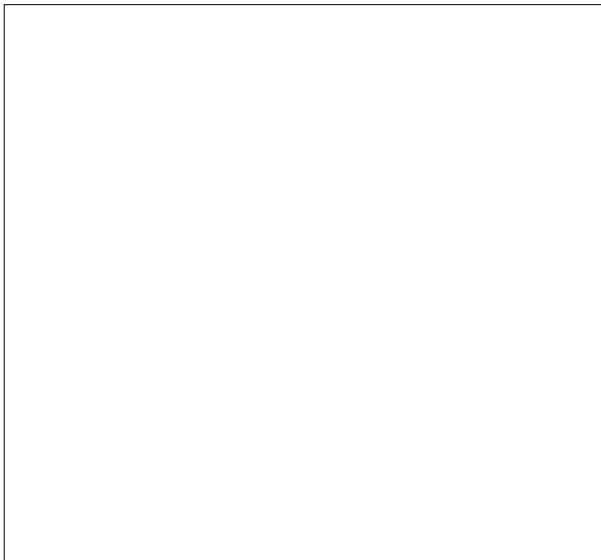
Luminous Width (mm): 10
Voltage: 220.2 V
Power: 12.45 W

Photometric Results

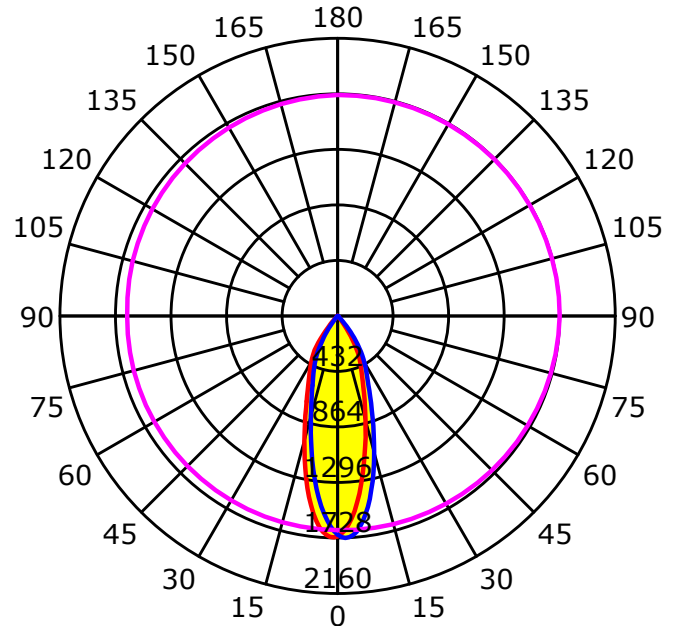
CIE Class: Direct
Measurement Flux: 793.3 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H71.8,H31.9,H19.4,H1
Vertical Diffuse Angle(10%,50%,75%,100%): V72.7,V32.8,V20.4,V2
Luminaire Efficacy Rating (LER): 63.77
Max. Intensity: 1728.25 cd
S/MH(C0/C180): 0.52

Total Rated Lamp Lumens: 793.3 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 1714.81 cd
Pos of Max. Intensity: H90 V2
S/MH(C90/C270): 0.54

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 32.2°

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

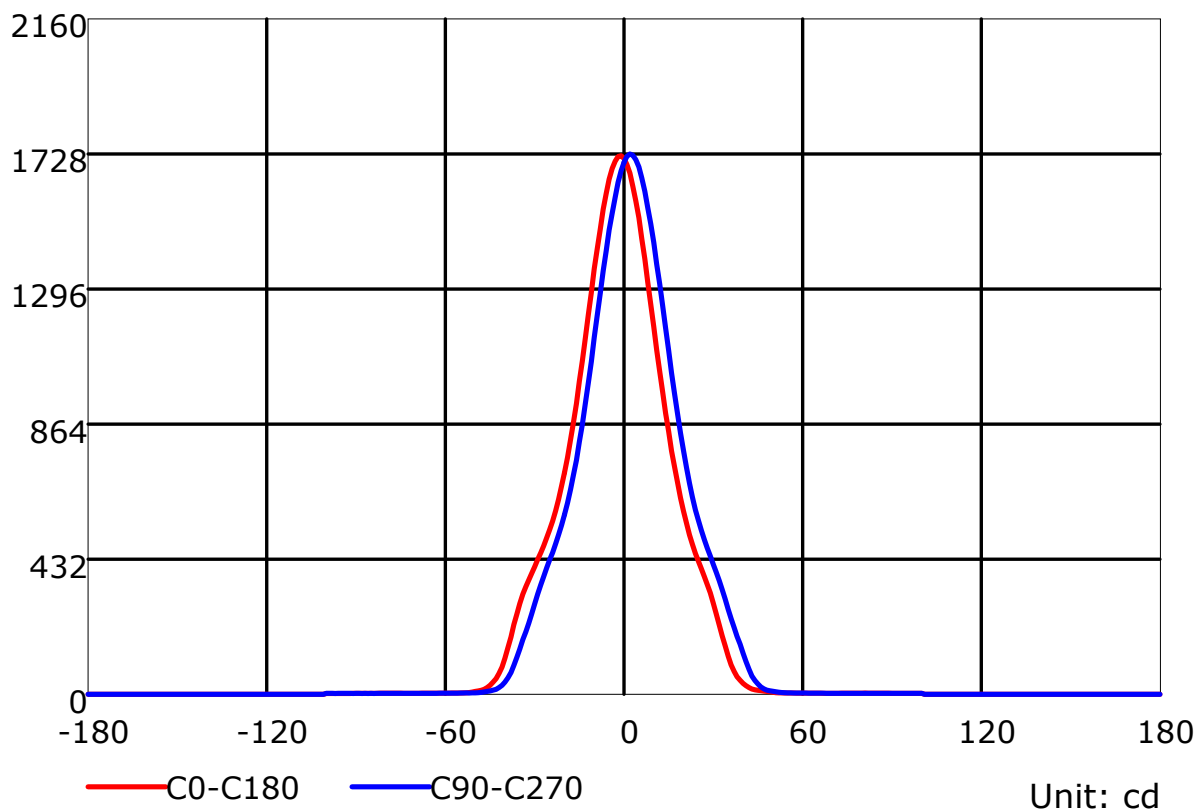
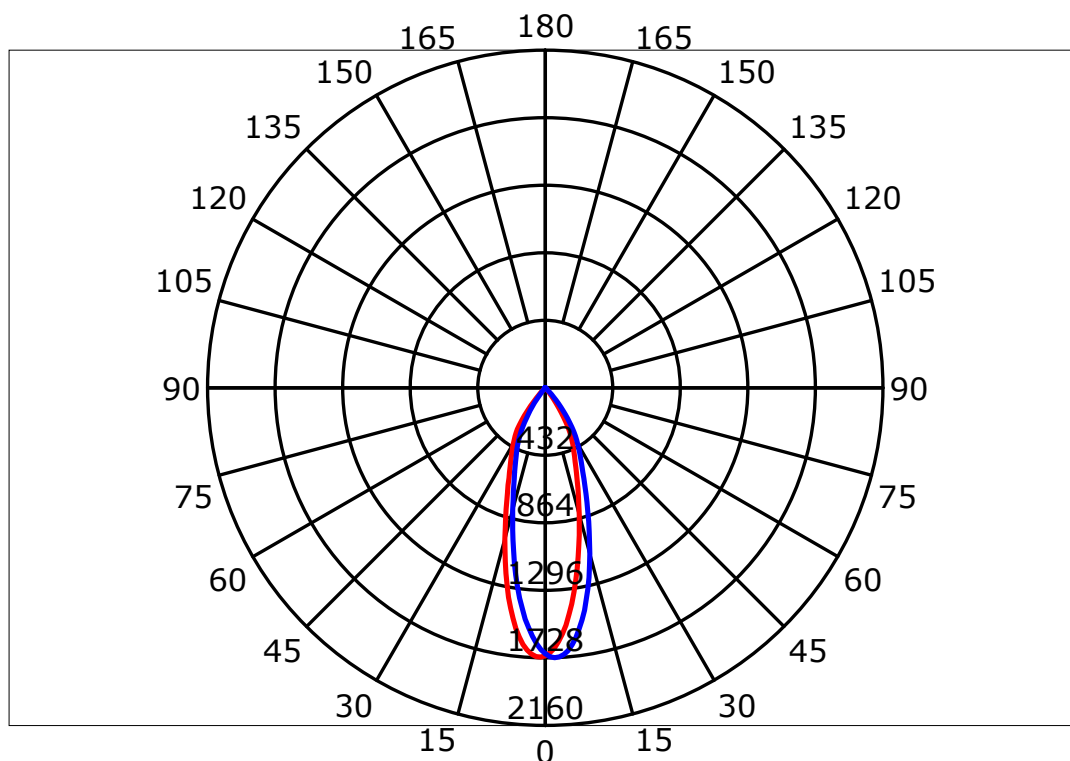
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

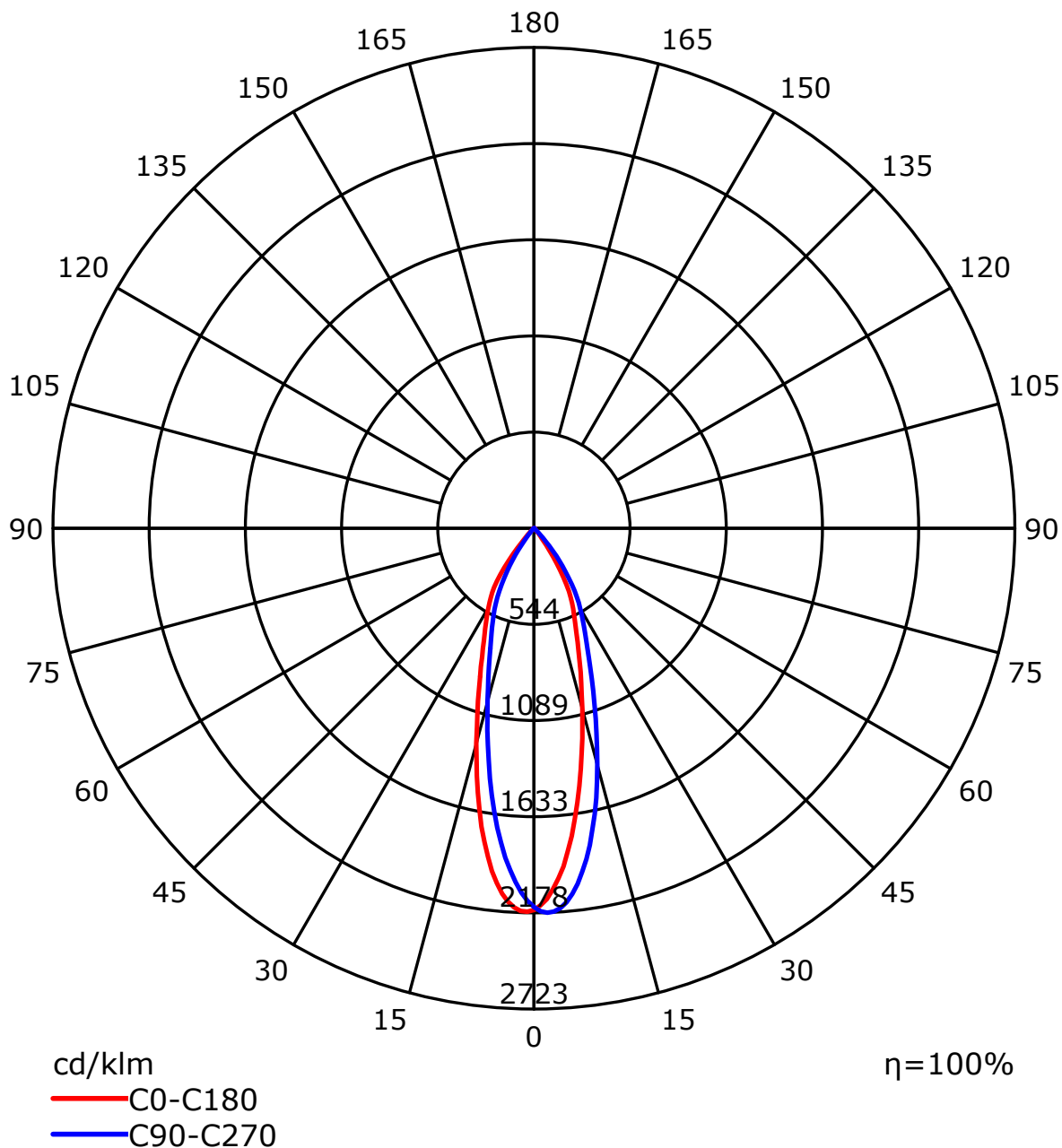
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



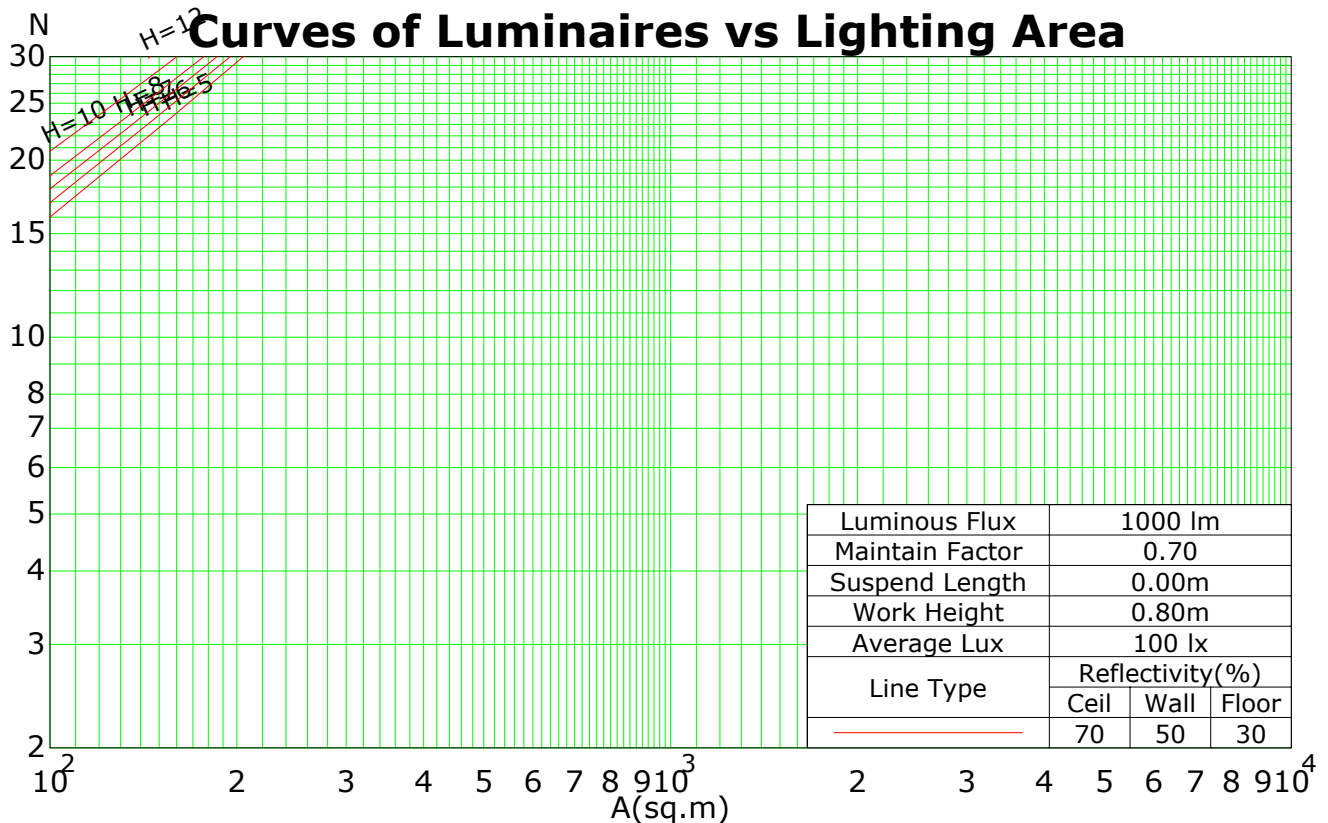
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	111	109	106	111	109	107	105	105	103	101	101	100	98	97	96	95	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	84	83
4	99	92	87	83	97	91	86	83	89	85	82	87	83	81	85	82	80	78
5	95	87	82	78	93	86	81	78	84	80	77	83	79	76	81	78	75	74
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	71	70
7	87	78	73	69	86	78	73	69	77	72	69	75	71	68	74	71	68	67
8	83	75	69	66	82	74	69	65	73	68	65	72	68	65	71	67	65	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60
10	77	68	63	59	76	68	63	59	67	62	59	66	62	59	65	61	59	57

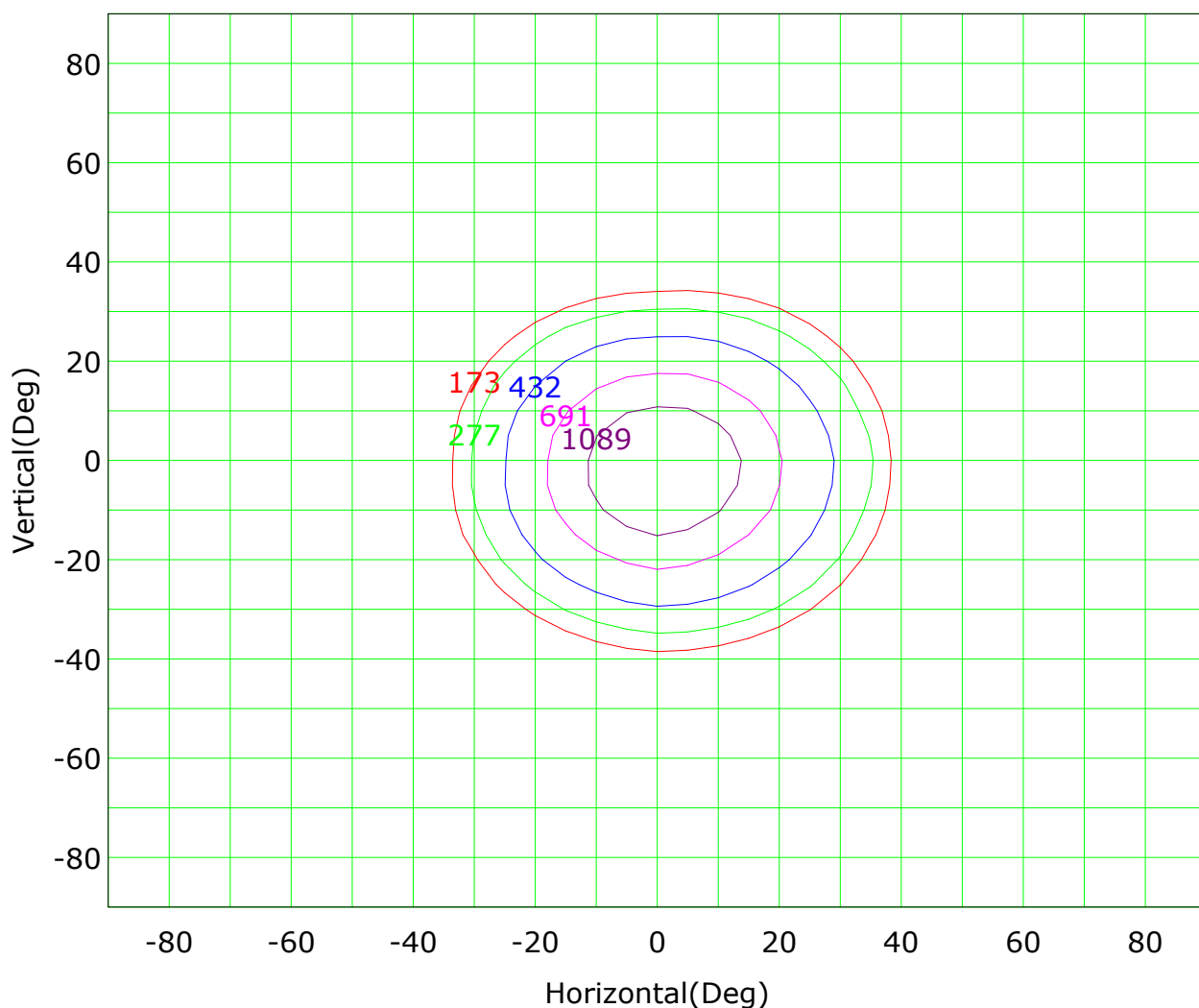
Spacing Criteria (0-180): 0.52
Spacing Criteria (90-270): 0.54
Spacing Criteria (Diagonal): 0.60



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

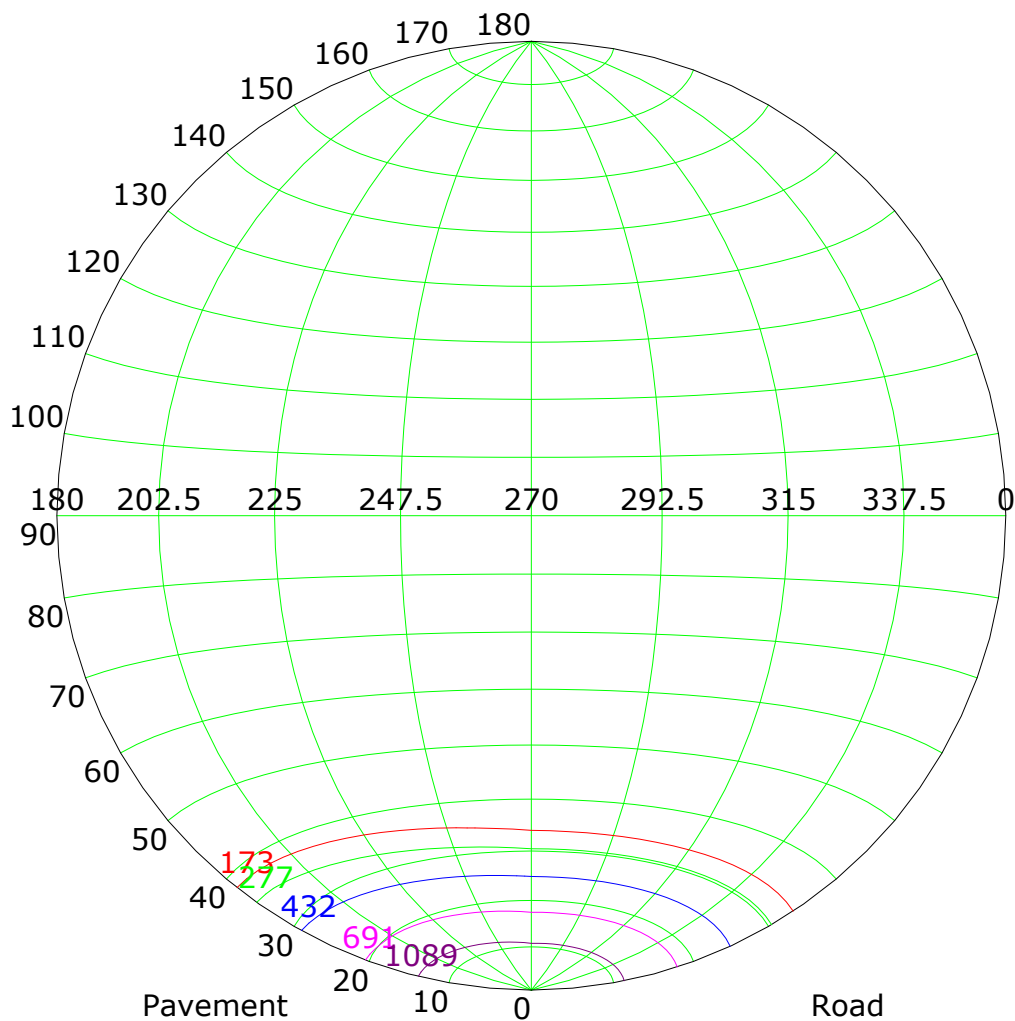
Isocandela (rectangle)



Imax (100%): 1728 cd

(10%): 173 cd	(16%): 277 cd
(25%): 432 cd	(40%): 691 cd
(63%): 1089 cd	(100%): 1728 cd

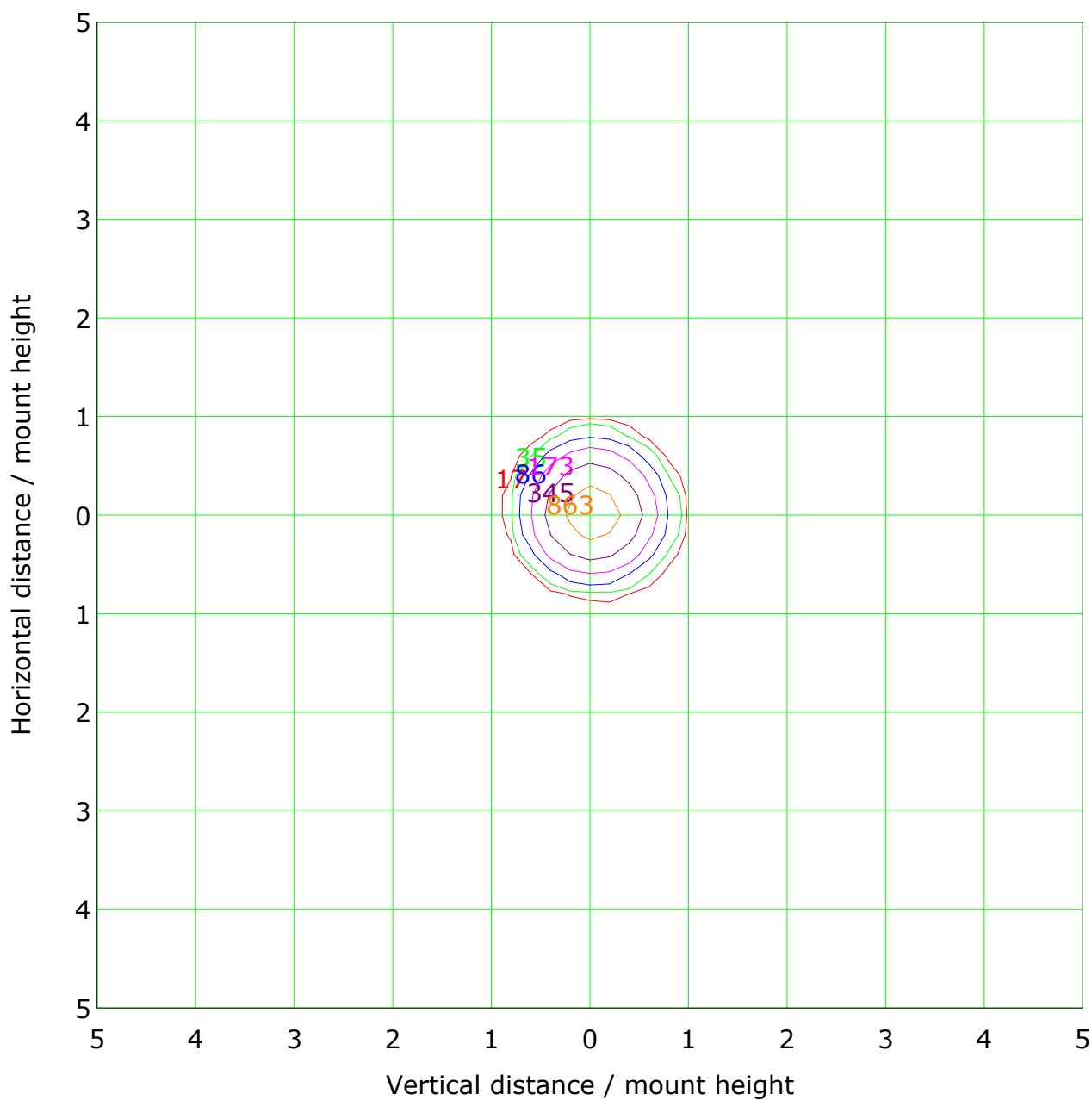
Isocandela (sphere)



Imax (100%): 1728 cd

(10%): 173 cd	(16%): 277 cd
(25%): 432 cd	(40%): 691 cd
(63%): 1089 cd	(100%): 1728 cd

IsoLux Plot



Mounting Height: 1.0m Max Lux(100%): 1725.1 lx

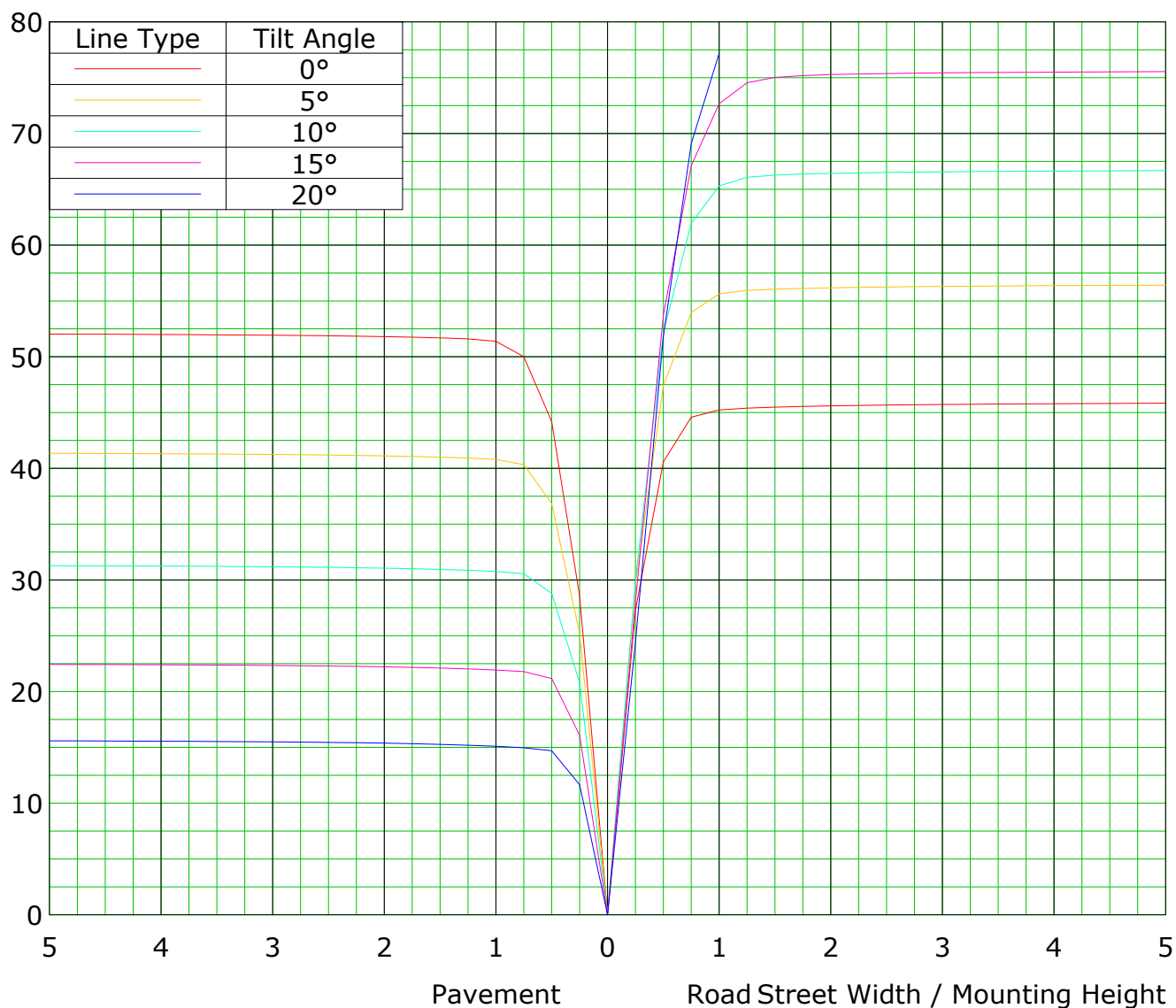
(1%): 17.3 lx	(2%): 34.5 lx
(5%): 86.3 lx	(10%): 172.5 lx
(20%): 345.0 lx	(50%): 862.5 lx
(100%):1725.1 lx	

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)

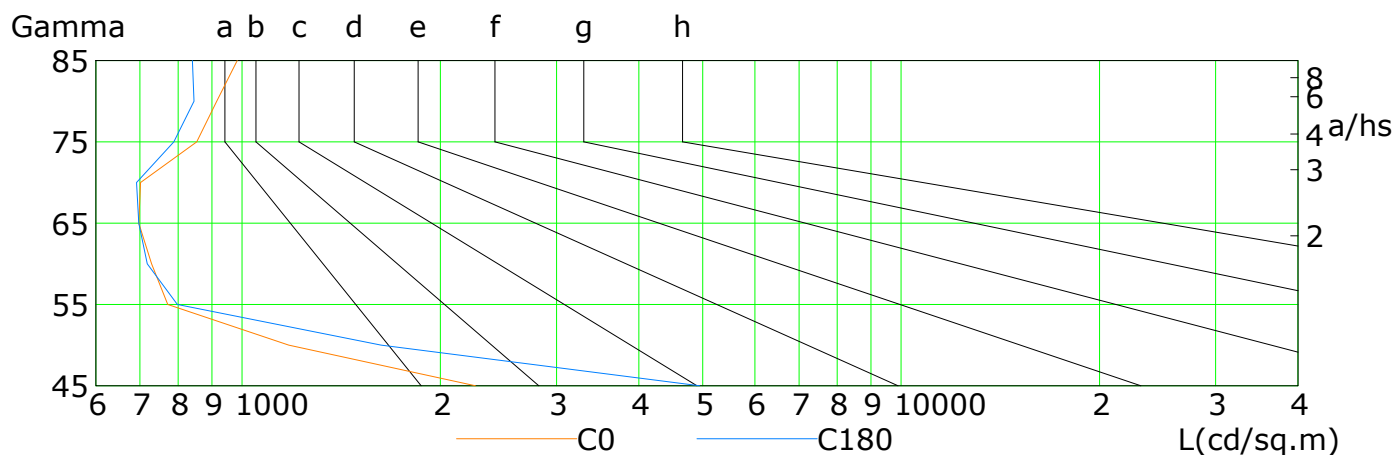
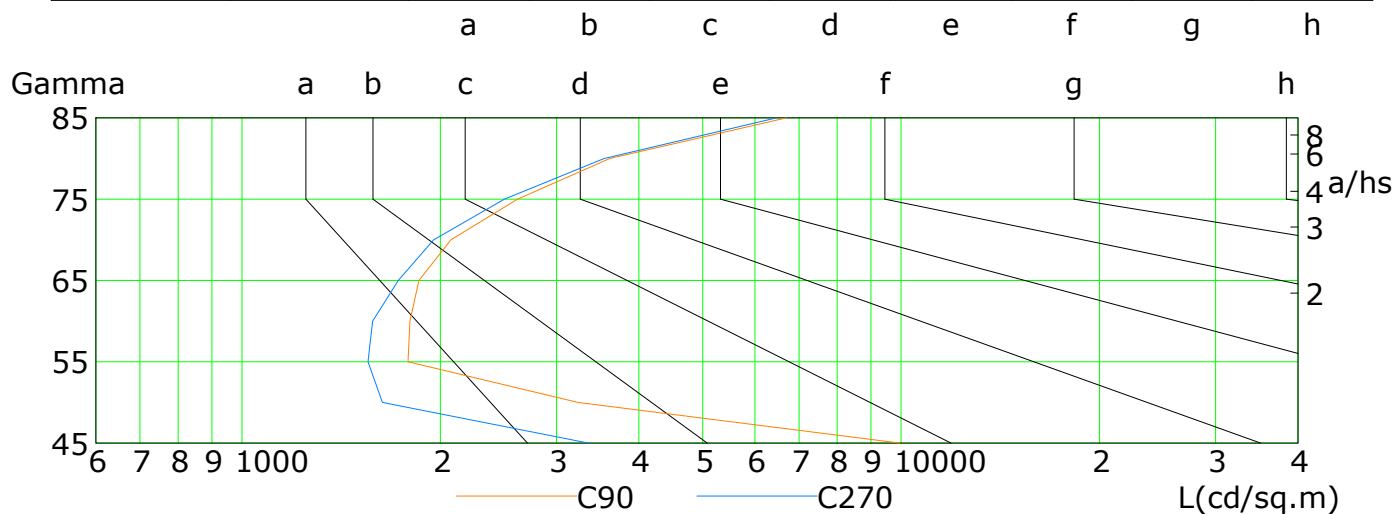


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 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	2260	1177	771	729	697	702	853	916	984
C90	9957	3234	1786	1798	1855	2075	2619	3612	6700
C180	4946	1626	798	718	697	692	788	846	841
C270	3354	1633	1553	1579	1726	1953	2500	3544	6471

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

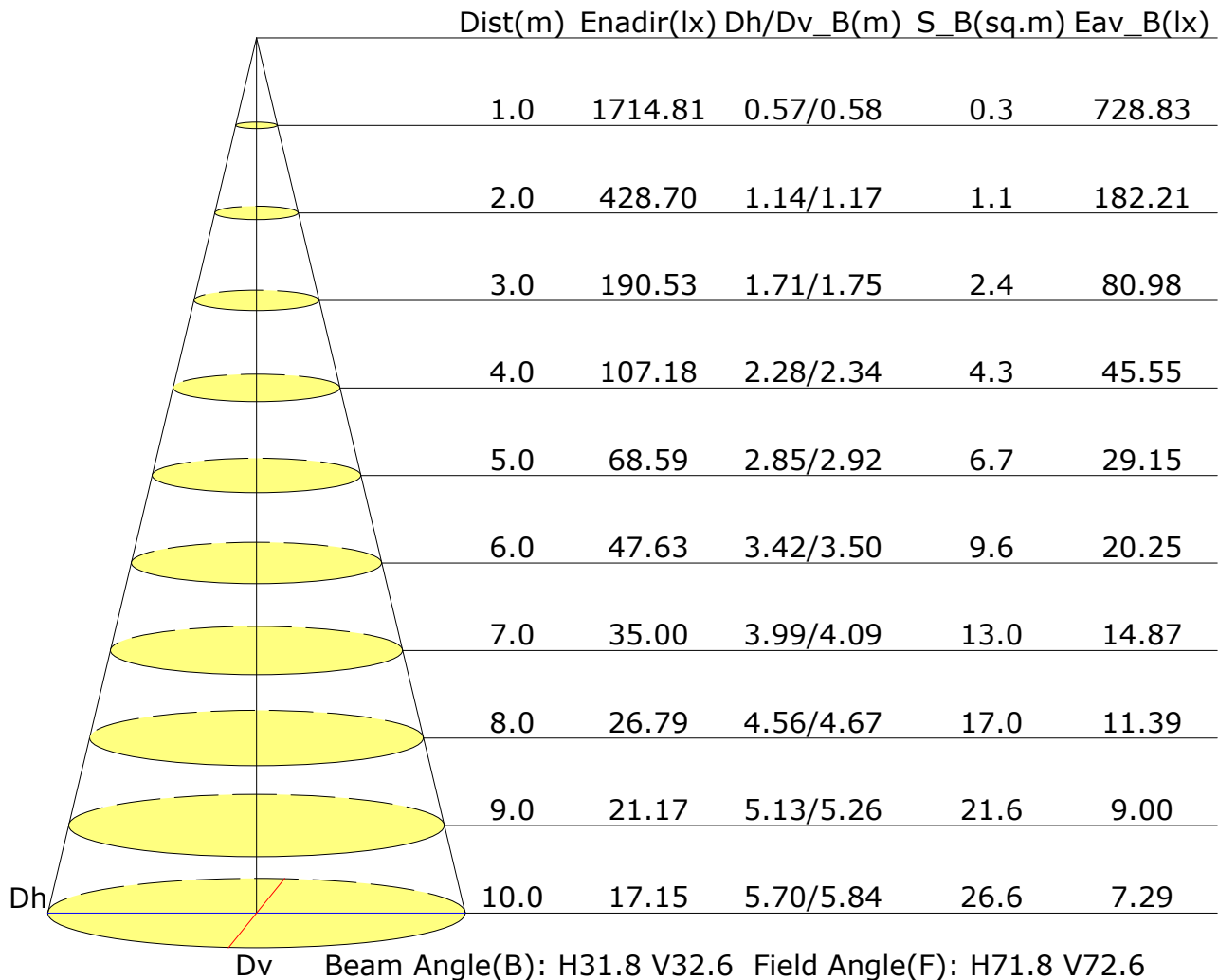
Test Device: GPM-1600L

Distance: 8.443 m

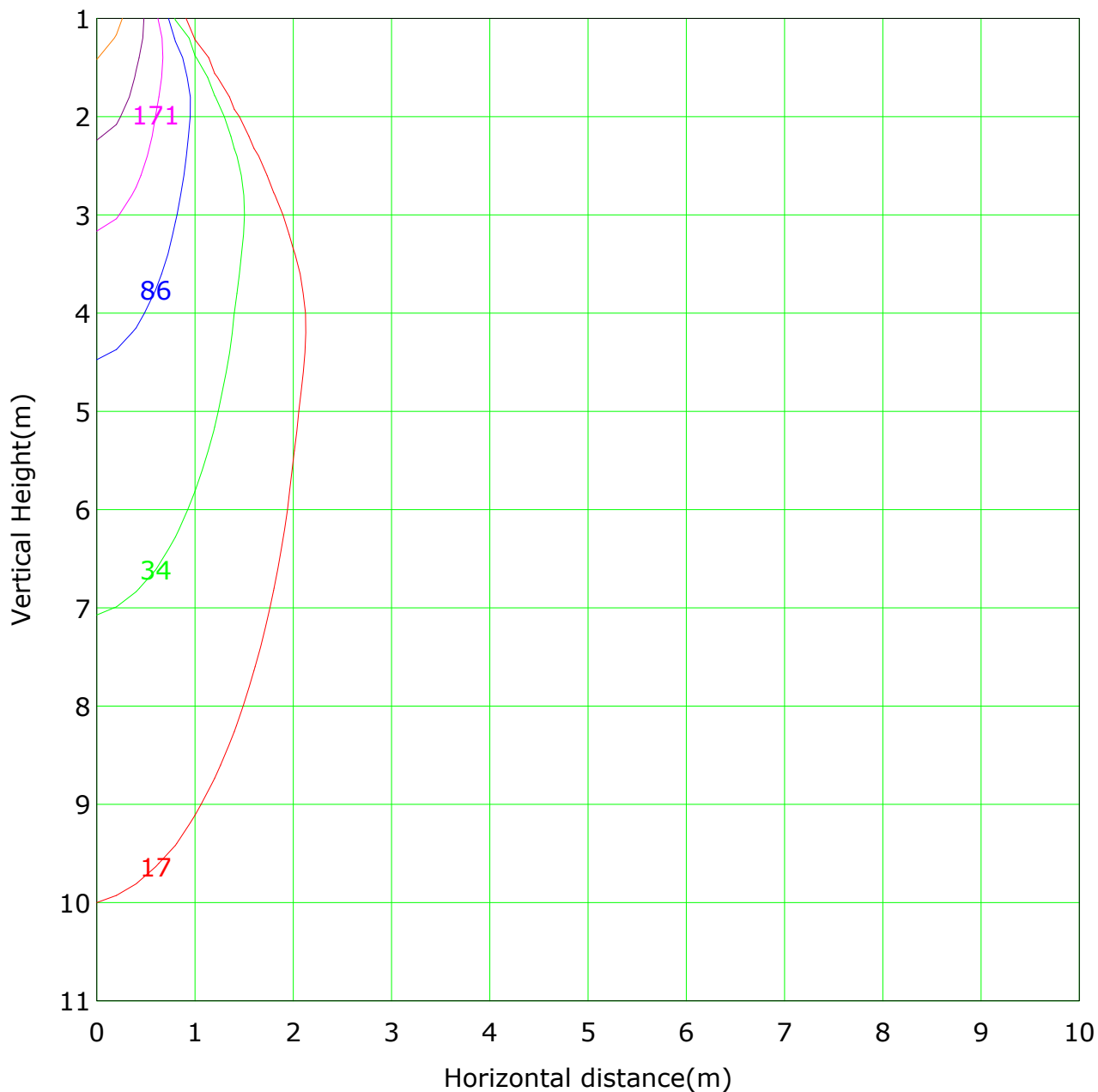
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



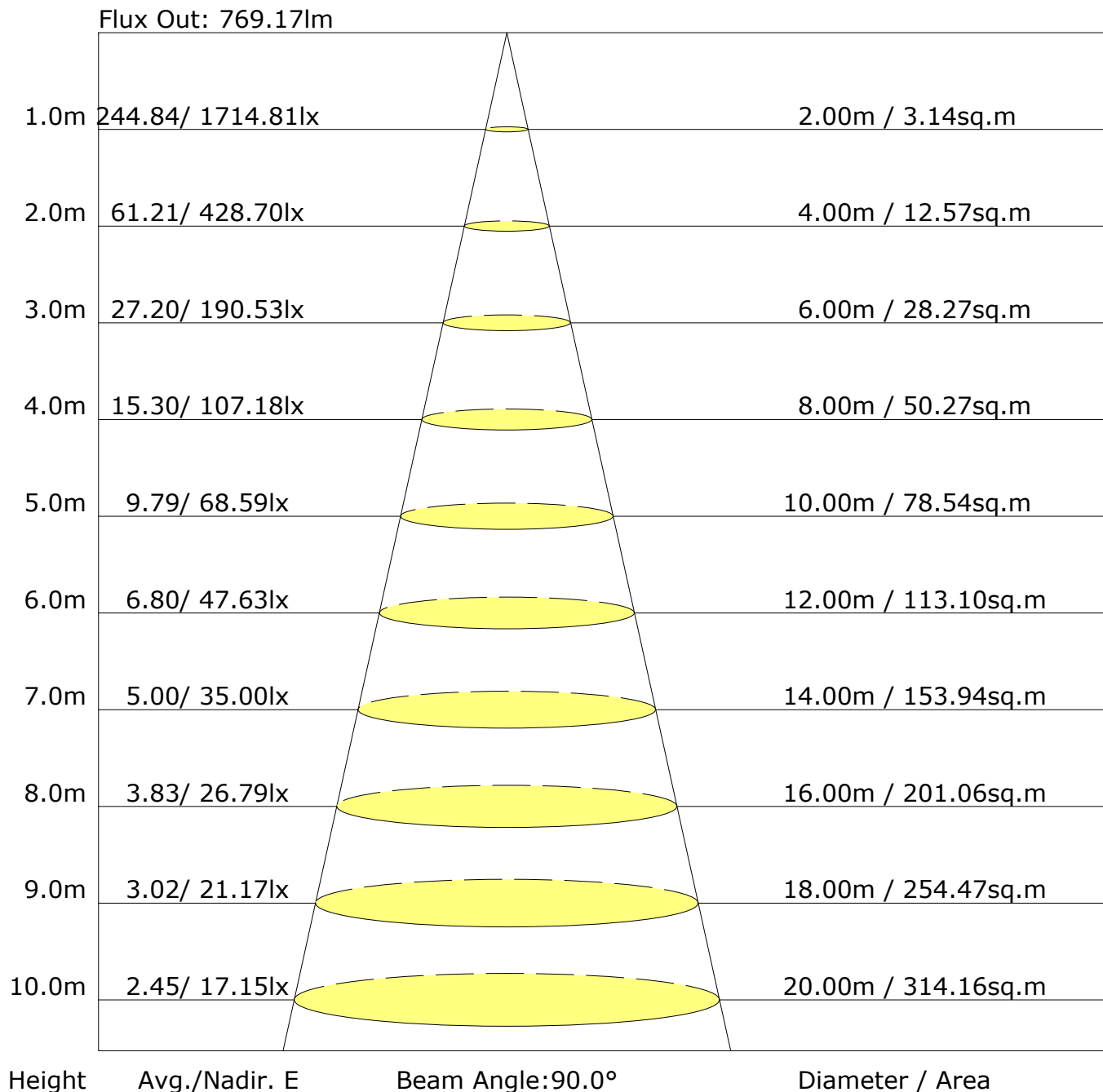
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1714.8 lx
— (1%): 17.1 lx — (2%): 34.3 lx
— (5%): 85.7 lx — (10%): 171.5 lx
— (20%): 343.0 lx — (50%): 857.4 lx
— (100%):1714.8 lx

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 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	12.5	13.3	12.8	13.5	13.7	15.3	16.1	15.6	16.3	16.6
3H	12.5	13.2	12.8	13.4	13.7	15.3	16.0	15.6	16.2	16.5
4H	12.5	13.2	12.8	13.4	13.7	15.3	15.9	15.6	16.2	16.5
6H	12.5	13.2	12.9	13.5	13.8	15.3	16.0	15.7	16.3	16.6
8H	12.6	13.2	13.0	13.5	13.8	15.4	16.0	15.8	16.3	16.6
12H	12.7	13.2	13.0	13.6	13.9	15.6	16.1	15.9	16.4	16.8
X=4H Y=2H	12.4	13.0	12.7	13.3	13.6	15.1	15.8	15.5	16.1	16.4
3H	12.3	12.9	12.7	13.2	13.5	15.1	15.7	15.5	16.0	16.3
4H	12.4	12.9	12.8	13.2	13.6	15.1	15.6	15.5	16.0	16.3
6H	12.5	13.0	13.0	13.4	13.8	15.3	15.7	15.7	16.1	16.5
8H	12.7	13.1	13.1	13.5	13.9	15.4	15.8	15.8	16.2	16.6
12H	12.8	13.2	13.3	13.6	14.0	15.6	16.0	16.1	16.4	16.8
X=8H Y=4H	12.4	12.8	12.8	13.2	13.6	15.0	15.5	15.5	15.8	16.3
6H	12.6	12.9	13.1	13.4	13.8	15.2	15.6	15.7	16.0	16.5
8H	12.8	13.1	13.3	13.6	14.0	15.4	15.7	15.9	16.2	16.6
12H	13.1	13.3	13.6	13.8	14.3	15.7	16.0	16.2	16.5	17.0
X=12H Y=4H	12.3	12.7	12.8	13.1	13.6	15.0	15.4	15.4	15.8	16.2
6H	12.6	12.9	13.1	13.4	13.9	15.2	15.5	15.7	16.0	16.4
8H	12.9	13.1	13.4	13.6	14.1	15.4	15.7	15.9	16.2	16.7
Variations with the observer position at spacings:										
S=1.0H	+5.0/-5.5					+5.3/-4.7				
S=1.5H	+7.6/-6.1					+8.0/-5.0				
S=2.0H	+9.6/-6.4					+10.0/-5.4				

Calculate in accordance with CIE Pub.117. The table is revised with 793lm ($8\log(F/F_0) = -0.8$).

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

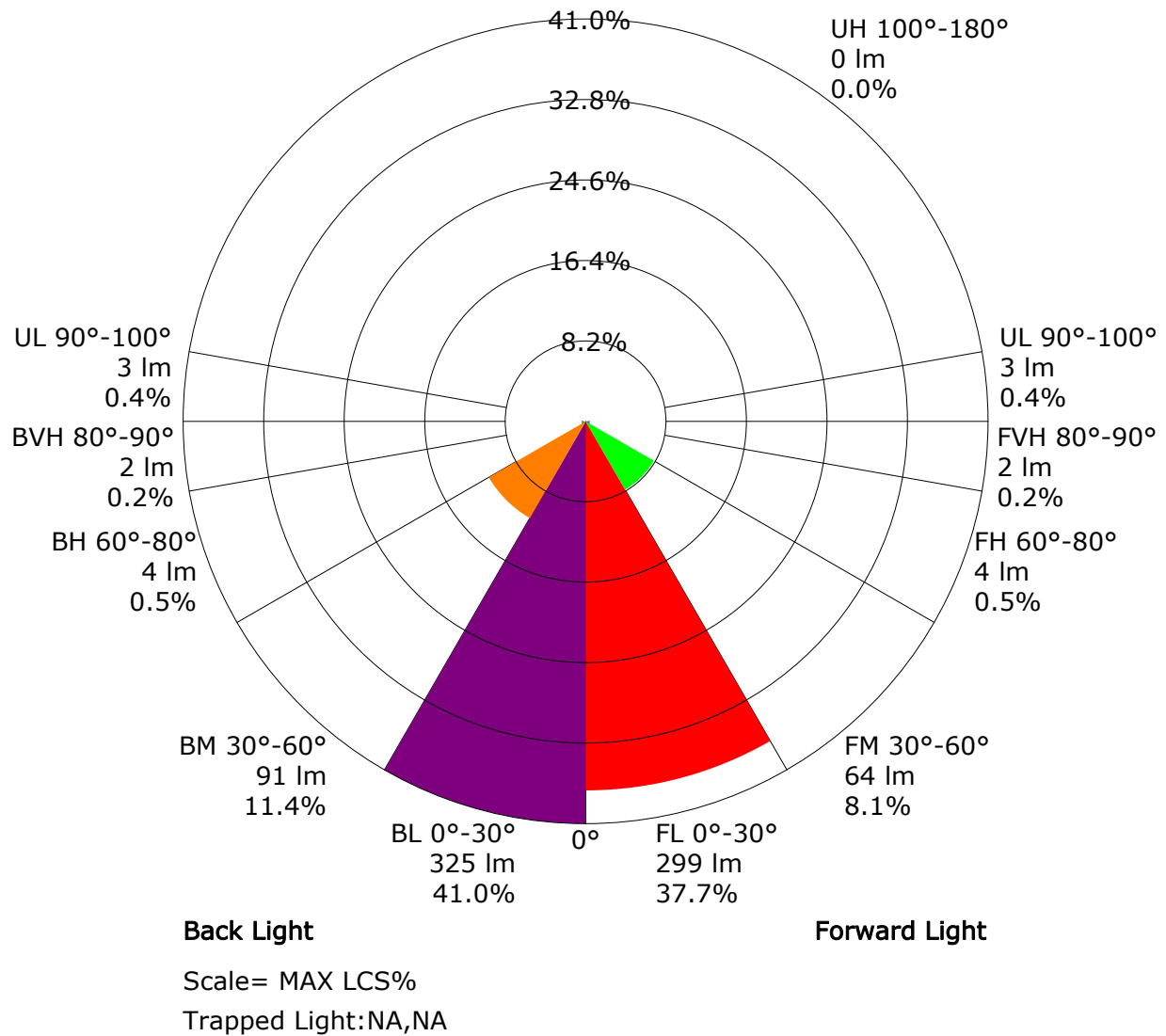
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	368	46.4
	FL (0°-30°)	299	37.7
	FM (30°-60°)	64	8.1
	FH (60°-80°)	4	0.5
	FVH (80°-90°)	2	0.2
	BACK LIGHT	421	53.1
	BL (0°-30°)	325	41.0
	BM (30°-60°)	91	11.4
	BH (60°-80°)	4	0.5
	BVH (80°-90°)	2	0.2
	UP LIGHT	4	0.5
	UL (90°-100°)	3	0.4
	UH (100°-180°)	0	0.0
	TRAPPED LIGHT	NA	NA

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

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

LCS Graph



Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.88	0.94	0.98	1.00	1.04	1.07	1.08	1.10	1.12	
	0.30		0.83	0.90	0.94	0.97	1.01	1.04	1.06	1.08	1.10	
	0.20		0.80	0.86	0.91	0.94	0.98	1.01	1.03	1.06	1.08	
0.50	0.50	0.20	0.87	0.92	0.96	0.98	1.01	1.03	1.05	1.07	1.08	
	0.30		0.83	0.88	0.92	0.95	0.99	1.01	1.03	1.05	1.06	
	0.20		0.80	0.86	0.90	0.92	0.96	0.99	1.01	1.03	1.05	
0.30	0.50	0.20	0.85	0.90	0.94	0.96	0.99	1.00	1.01	1.03	1.04	
	0.30		0.82	0.87	0.91	0.93	0.96	0.98	1.00	1.02	1.03	
	0.20		0.79	0.85	0.89	0.91	0.95	0.97	0.98	1.00	1.02	
0.00	0.00	0.00	0.78	0.83	0.86	0.89	0.91	0.93	0.94	0.96	0.97	
Rating:12W 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(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.55	0.44	0.37	0.32	0.26	0.21	0.18	0.14	0.11	
	0.30		0.46	0.38	0.33	0.29	0.23	0.19	0.17	0.13	0.11	
	0.20		0.39	0.33	0.29	0.26	0.21	0.18	0.16	0.12	0.10	
0.50	0.50	0.20	0.52	0.42	0.35	0.30	0.24	0.24	0.17	0.13	0.10	
	0.30		0.44	0.36	0.31	0.27	0.22	0.18	0.16	0.12	0.10	
	0.20		0.38	0.32	0.28	0.24	0.20	0.17	0.15	0.12	0.10	
0.30	0.50	0.20	0.50	0.39	0.33	0.28	0.22	0.18	0.15	0.12	0.10	
	0.30		0.43	0.35	0.29	0.25	0.20	0.17	0.14	0.11	0.09	
	0.20		0.37	0.31	0.26	0.23	0.19	0.16	0.13	0.11	0.09	
0.00	0.00	0.00	0.23	0.18	0.15	0.13	0.10	0.08	0.07	0.05	0.04	
Rating:12W 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 = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	
	0.30		0.09	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.13	0.14	0.15	0.16	0.18	0.18	0.19	0.20	0.20	
	0.30		0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.19	
	0.20		0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
0.30	0.50	0.20	0.12	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.20	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.08	0.10	0.11	0.13	0.14	0.15	0.17	0.18	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Rating:12W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1705.7	1.6	1.6	0.21	0.21
1.0-2.0	1695.9	4.9	6.5	0.61	0.82
2.0-3.0	1674.9	8.0	14.5	1.01	1.83
3.0-4.0	1644.2	11.0	25.5	1.39	3.22
4.0-5.0	1606.6	13.8	39.3	1.74	4.96
5.0-6.0	1559.3	16.4	55.7	2.07	7.03
6.0-7.0	1505.0	18.7	74.4	2.36	9.38
7.0-8.0	1444.9	20.7	95.1	2.61	11.99
8.0-9.0	1380.3	22.4	117.5	2.82	14.81
9.0-10.0	1314.6	23.8	141.3	3.00	17.81
10.0-11.0	1244.2	24.9	166.1	3.13	20.94
11.0-12.0	1173.0	25.6	191.8	3.23	24.17
12.0-13.0	1105.4	26.2	218.0	3.31	27.48
13.0-14.0	1036.1	26.5	244.5	3.34	30.82
14.0-15.0	969.0	26.6	271.1	3.35	34.18
15.0-16.0	904.6	26.5	297.7	3.34	37.52
16.0-17.0	843.1	26.3	323.9	3.31	40.83
17.0-18.0	788.5	26.0	349.9	3.28	44.11
18.0-19.0	735.3	25.6	375.5	3.23	47.33
19.0-20.0	685.2	25.1	400.6	3.16	50.49
20.0-21.0	641.4	24.6	425.2	3.10	53.60
21.0-22.0	600.2	24.1	449.3	3.04	56.64
22.0-23.0	562.5	23.6	472.9	2.98	59.62
23.0-24.0	528.8	23.1	496.1	2.91	62.53
24.0-25.0	498.3	22.7	518.7	2.86	65.39
25.0-26.0	471.3	22.2	541.0	2.80	68.19
26.0-27.0	444.5	21.8	562.7	2.74	70.93
27.0-28.0	418.2	21.2	583.9	2.67	73.60
28.0-29.0	392.9	20.6	604.5	2.59	76.19
29.0-30.0	365.6	19.7	624.2	2.49	78.68
30.0-31.0	337.4	18.8	643.0	2.37	81.05
31.0-32.0	309.2	17.7	660.7	2.23	83.28
32.0-33.0	280.9	16.6	677.2	2.09	85.37
33.0-34.0	253.1	15.3	692.6	1.93	87.30
34.0-35.0	223.3	13.9	706.4	1.75	89.05
35.0-36.0	192.9	12.3	718.7	1.55	90.60

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 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 [%]
36.0-37.0	164.6	10.7	729.5	1.35	91.95
37.0-38.0	137.4	9.2	738.6	1.16	93.11
38.0-39.0	113.1	7.7	746.3	0.97	94.08
39.0-40.0	91.3	6.4	752.7	0.80	94.88
40.0-41.0	71.4	5.1	757.8	0.64	95.52
41.0-42.0	55.0	4.0	761.8	0.50	96.03
42.0-43.0	41.6	3.1	764.9	0.39	96.41
43.0-44.0	31.8	2.4	767.3	0.30	96.72
44.0-45.0	24.8	1.9	769.2	0.24	96.96
45.0-46.0	19.1	1.5	770.7	0.19	97.15
46.0-47.0	14.9	1.2	771.9	0.15	97.29
47.0-48.0	11.8	1.0	772.8	0.12	97.42
48.0-49.0	9.8	0.8	773.6	0.10	97.52
49.0-50.0	8.4	0.7	774.3	0.09	97.61
50.0-51.0	7.1	0.6	774.9	0.08	97.68
51.0-52.0	6.0	0.5	775.4	0.07	97.75
52.0-53.0	5.3	0.5	775.9	0.06	97.80
53.0-54.0	4.8	0.4	776.3	0.05	97.86
54.0-55.0	4.6	0.4	776.7	0.05	97.91
55.0-56.0	4.4	0.4	777.1	0.05	97.96
56.0-57.0	4.3	0.4	777.5	0.05	98.01
57.0-58.0	4.2	0.4	777.9	0.05	98.06
58.0-59.0	4.0	0.4	778.3	0.05	98.11
59.0-60.0	4.0	0.4	778.7	0.05	98.15
60.0-61.0	3.9	0.4	779.0	0.05	98.20
61.0-62.0	3.8	0.4	779.4	0.05	98.25
62.0-63.0	3.8	0.4	779.8	0.05	98.29
63.0-64.0	3.7	0.4	780.1	0.05	98.34
64.0-65.0	3.7	0.4	780.5	0.05	98.38
65.0-66.0	3.6	0.4	780.9	0.05	98.43
66.0-67.0	3.6	0.4	781.2	0.05	98.48
67.0-68.0	3.5	0.4	781.6	0.05	98.52
68.0-69.0	3.5	0.4	781.9	0.04	98.57
69.0-70.0	3.4	0.4	782.3	0.04	98.61
70.0-71.0	3.4	0.4	782.6	0.04	98.65
71.0-72.0	3.4	0.4	783.0	0.04	98.70

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 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 [%]
72.0-73.0	3.4	0.4	783.3	0.05	98.74
73.0-74.0	3.5	0.4	783.7	0.05	98.79
74.0-75.0	3.5	0.4	784.1	0.05	98.84
75.0-76.0	3.6	0.4	784.5	0.05	98.88
76.0-77.0	3.6	0.4	784.8	0.05	98.93
77.0-78.0	3.5	0.4	785.2	0.05	98.98
78.0-79.0	3.5	0.4	785.6	0.05	99.03
79.0-80.0	3.5	0.4	786.0	0.05	99.08
80.0-81.0	3.5	0.4	786.4	0.05	99.12
81.0-82.0	3.5	0.4	786.7	0.05	99.17
82.0-83.0	3.5	0.4	787.1	0.05	99.22
83.0-84.0	3.4	0.4	787.5	0.05	99.27
84.0-85.0	3.4	0.4	787.9	0.05	99.31
85.0-86.0	3.4	0.4	788.2	0.05	99.36
86.0-87.0	3.4	0.4	788.6	0.05	99.41
87.0-88.0	3.4	0.4	789.0	0.05	99.45
88.0-89.0	3.3	0.4	789.3	0.05	99.50
89.0-90.0	3.3	0.4	789.7	0.05	99.54
90.0-91.0	3.2	0.4	790.1	0.04	99.59
91.0-92.0	3.2	0.3	790.4	0.04	99.63
92.0-93.0	3.2	0.3	790.8	0.04	99.68
93.0-94.0	3.2	0.3	791.1	0.04	99.72
94.0-95.0	3.2	0.3	791.4	0.04	99.76
95.0-96.0	3.2	0.3	791.8	0.04	99.81
96.0-97.0	3.1	0.3	792.1	0.04	99.85
97.0-98.0	3.1	0.3	792.5	0.04	99.89
98.0-99.0	3.1	0.3	792.8	0.04	99.94
99.0-100.0	3.1	0.3	793.1	0.04	99.98
100.0-101.0	1.6	0.2	793.3	0.02	100.00
101.0-102.0	0.0	0.0	793.3	0.00	100.00
102.0-103.0	0.0	0.0	793.3	0.00	100.00
103.0-104.0	0.0	0.0	793.3	0.00	100.00
104.0-105.0	0.0	0.0	793.3	0.00	100.00
105.0-106.0	0.0	0.0	793.3	0.00	100.00
106.0-107.0	0.0	0.0	793.3	0.00	100.00
107.0-108.0	0.0	0.0	793.3	0.00	100.00

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 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 [%]
108.0-109.0	0.0	0.0	793.3	0.00	100.00
109.0-110.0	0.0	0.0	793.3	0.00	100.00
110.0-111.0	0.0	0.0	793.3	0.00	100.00
111.0-112.0	0.0	0.0	793.3	0.00	100.00
112.0-113.0	0.0	0.0	793.3	0.00	100.00
113.0-114.0	0.0	0.0	793.3	0.00	100.00
114.0-115.0	0.0	0.0	793.3	0.00	100.00
115.0-116.0	0.0	0.0	793.3	0.00	100.00
116.0-117.0	0.0	0.0	793.3	0.00	100.00
117.0-118.0	0.0	0.0	793.3	0.00	100.00
118.0-119.0	0.0	0.0	793.3	0.00	100.00
119.0-120.0	0.0	0.0	793.3	0.00	100.00
120.0-121.0	0.0	0.0	793.3	0.00	100.00
121.0-122.0	0.0	0.0	793.3	0.00	100.00
122.0-123.0	0.0	0.0	793.3	0.00	100.00
123.0-124.0	0.0	0.0	793.3	0.00	100.00
124.0-125.0	0.0	0.0	793.3	0.00	100.00
125.0-126.0	0.0	0.0	793.3	0.00	100.00
126.0-127.0	0.0	0.0	793.3	0.00	100.00
127.0-128.0	0.0	0.0	793.3	0.00	100.00
128.0-129.0	0.0	0.0	793.3	0.00	100.00
129.0-130.0	0.0	0.0	793.3	0.00	100.00
130.0-131.0	0.0	0.0	793.3	0.00	100.00
131.0-132.0	0.0	0.0	793.3	0.00	100.00
132.0-133.0	0.0	0.0	793.3	0.00	100.00
133.0-134.0	0.0	0.0	793.3	0.00	100.00
134.0-135.0	0.0	0.0	793.3	0.00	100.00
135.0-136.0	0.0	0.0	793.3	0.00	100.00
136.0-137.0	0.0	0.0	793.3	0.00	100.00
137.0-138.0	0.0	0.0	793.3	0.00	100.00
138.0-139.0	0.0	0.0	793.3	0.00	100.00
139.0-140.0	0.0	0.0	793.3	0.00	100.00
140.0-141.0	0.0	0.0	793.3	0.00	100.00
141.0-142.0	0.0	0.0	793.3	0.00	100.00
142.0-143.0	0.0	0.0	793.3	0.00	100.00
143.0-144.0	0.0	0.0	793.3	0.00	100.00

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 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 [%]
144.0-145.0	0.0	0.0	793.3	0.00	100.00
145.0-146.0	0.0	0.0	793.3	0.00	100.00
146.0-147.0	0.0	0.0	793.3	0.00	100.00
147.0-148.0	0.0	0.0	793.3	0.00	100.00
148.0-149.0	0.0	0.0	793.3	0.00	100.00
149.0-150.0	0.0	0.0	793.3	0.00	100.00
150.0-151.0	0.0	0.0	793.3	0.00	100.00
151.0-152.0	0.0	0.0	793.3	0.00	100.00
152.0-153.0	0.0	0.0	793.3	0.00	100.00
153.0-154.0	0.0	0.0	793.3	0.00	100.00
154.0-155.0	0.0	0.0	793.3	0.00	100.00
155.0-156.0	0.0	0.0	793.3	0.00	100.00
156.0-157.0	0.0	0.0	793.3	0.00	100.00
157.0-158.0	0.0	0.0	793.3	0.00	100.00
158.0-159.0	0.0	0.0	793.3	0.00	100.00
159.0-160.0	0.0	0.0	793.3	0.00	100.00
160.0-161.0	0.0	0.0	793.3	0.00	100.00
161.0-162.0	0.0	0.0	793.3	0.00	100.00
162.0-163.0	0.0	0.0	793.3	0.00	100.00
163.0-164.0	0.0	0.0	793.3	0.00	100.00
164.0-165.0	0.0	0.0	793.3	0.00	100.00
165.0-166.0	0.0	0.0	793.3	0.00	100.00
166.0-167.0	0.0	0.0	793.3	0.00	100.00
167.0-168.0	0.0	0.0	793.3	0.00	100.00
168.0-169.0	0.0	0.0	793.3	0.00	100.00
169.0-170.0	0.0	0.0	793.3	0.00	100.00
170.0-171.0	0.0	0.0	793.3	0.00	100.00
171.0-172.0	0.0	0.0	793.3	0.00	100.00
172.0-173.0	0.0	0.0	793.3	0.00	100.00
173.0-174.0	0.0	0.0	793.3	0.00	100.00
174.0-175.0	0.0	0.0	793.3	0.00	100.00
175.0-176.0	0.0	0.0	793.3	0.00	100.00
176.0-177.0	0.0	0.0	793.3	0.00	100.00
177.0-178.0	0.0	0.0	793.3	0.00	100.00
178.0-179.0	0.0	0.0	793.3	0.00	100.00
179.0-180.0	0.0	0.0	793.3	0.00	100.00

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	1714.8	1701.2	1714.8	1701.2	1714.8					
G1.0	1694.7	1720.9	1723.1	1674.7	1694.7					
G2.0	1667.0	1728.3	1720.5	1637.8	1667.0					
G3.0	1624.9	1724.3	1705.6	1590.5	1624.9					
G4.0	1577.3	1710.3	1682.0	1538.8	1577.3					
G5.0	1524.6	1686.9	1647.5	1485.3	1524.6					
G6.0	1457.1	1651.9	1602.5	1419.1	1457.1					
G7.0	1393.1	1609.5	1551.7	1354.9	1393.1					
G8.0	1319.7	1557.7	1488.7	1284.2	1319.7					
G9.0	1247.9	1505.1	1426.0	1213.4	1247.9					
G10.0	1175.8	1445.2	1361.7	1141.9	1175.8					
G11.0	1101.8	1376.4	1285.9	1064.7	1101.8					
G12.0	1032.7	1313.0	1214.0	996.0	1032.7					
G13.0	968.7	1244.5	1141.6	932.7	968.7					
G14.0	898.9	1170.8	1067.4	864.2	898.9					
G15.0	841.0	1100.1	1001.7	808.3	841.0					
G16.0	778.5	1027.5	930.6	749.2	778.5					
G17.0	727.3	960.5	869.7	701.5	727.3					
G18.0	679.2	899.3	815.0	655.5	679.2					
G19.0	628.2	835.8	757.2	612.1	628.2					
G20.0	585.4	779.0	708.8	574.9	585.4					
G21.0	548.3	726.5	666.5	541.6	548.3					
G22.0	510.0	675.6	623.1	510.0	510.0					
G23.0	480.3	631.6	587.7	482.0	480.3					
G24.0	451.0	590.2	554.4	453.5	451.0					
G25.0	425.4	556.4	525.8	429.7	425.4					
G26.0	402.3	524.9	501.2	404.7	402.3					
G27.0	376.4	495.0	475.0	376.7	376.4					
G28.0	351.3	468.2	452.5	350.6	351.3					
G29.0	324.8	442.6	431.6	321.5	324.8					
G30.0	291.0	415.3	408.4	289.6	291.0					
G31.0	257.9	391.0	387.5	258.6	257.9					
G32.0	222.1	363.5	365.6	227.8	222.1					
G33.0	187.7	335.4	344.9	200.4	187.7					
G34.0	155.5	304.9	320.7	175.2	155.5					
G35.0	122.3	271.8	290.5	145.2	122.3					
G36.0	94.6	242.4	257.3	118.9	94.6					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	73.7	213.6	223.2	92.9	73.7					
G38.0	56.5	185.8	183.5	69.8	56.5					
G39.0	45.4	161.0	149.7	52.9	45.4					
G40.0	35.3	131.3	115.5	39.3	35.3					
G41.0	28.0	105.1	87.4	29.1	28.0					
G42.0	21.6	79.9	67.0	21.6	21.6					
G43.0	17.2	58.7	50.3	16.4	17.2					
G44.0	14.8	44.4	39.3	13.4	14.8					
G45.0	13.2	33.0	29.0	11.1	13.2					
G46.0	11.8	23.8	21.5	9.4	11.8					
G47.0	10.7	17.5	16.2	7.9	10.7					
G48.0	9.4	13.6	13.0	6.3	9.4					
G49.0	8.2	11.5	11.1	5.6	8.2					
G50.0	6.8	9.8	9.4	4.9	6.8					
G51.0	5.5	8.3	7.5	4.7	5.5					
G52.0	5.0	6.8	6.0	4.5	5.0					
G53.0	4.6	5.8	5.0	4.6	4.6					
G54.0	4.4	5.2	4.6	4.5	4.4					
G55.0	4.4	4.8	4.5	4.2	4.4					
G56.0	4.2	4.7	4.4	4.0	4.2					
G57.0	4.2	4.6	4.3	4.0	4.2					
G58.0	4.0	4.4	4.1	3.8	4.0					
G59.0	3.9	4.3	4.0	3.8	3.9					
G60.0	4.0	4.3	3.9	3.7	4.0					
G61.0	3.8	4.2	3.8	3.7	3.8					
G62.0	3.8	4.1	3.8	3.6	3.8					
G63.0	3.7	3.9	3.7	3.5	3.7					
G64.0	3.7	3.8	3.7	3.5	3.7					
G65.0	3.7	3.7	3.7	3.5	3.7					
G66.0	3.6	3.7	3.7	3.4	3.6					
G67.0	3.6	3.6	3.6	3.4	3.6					
G68.0	3.6	3.6	3.6	3.3	3.6					
G69.0	3.5	3.5	3.5	3.3	3.5					
G70.0	3.5	3.4	3.5	3.2	3.5					
G71.0	3.6	3.4	3.4	3.2	3.6					
G72.0	3.6	3.4	3.4	3.2	3.6					
G73.0	3.7	3.4	3.5	3.2	3.7					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	3.9	3.3	3.5	3.2	3.9					
G75.0	4.1	3.3	3.7	3.2	4.1					
G76.0	3.9	3.3	3.9	3.2	3.9					
G77.0	4.0	3.2	3.9	3.2	4.0					
G78.0	4.0	3.2	3.8	3.1	4.0					
G79.0	4.1	3.1	3.8	3.1	4.1					
G80.0	4.1	3.2	3.7	3.1	4.1					
G81.0	4.1	3.1	3.6	3.1	4.1					
G82.0	4.0	3.2	3.6	3.2	4.0					
G83.0	3.9	3.1	3.6	3.1	3.9					
G84.0	4.0	3.2	3.5	3.1	4.0					
G85.0	4.0	3.2	3.4	3.1	4.0					
G86.0	3.9	3.2	3.4	3.1	3.9					
G87.0	3.9	3.2	3.4	3.1	3.9					
G88.0	3.8	3.2	3.3	3.0	3.8					
G89.0	3.7	3.2	3.2	3.1	3.7					
G90.0	3.5	3.2	3.1	3.1	3.5					
G91.0	3.4	3.2	3.1	3.1	3.4					
G92.0	3.4	3.2	3.1	3.1	3.4					
G93.0	3.3	3.2	3.1	3.2	3.3					
G94.0	3.2	3.2	3.0	3.2	3.2					
G95.0	3.3	3.2	3.1	3.2	3.3					
G96.0	3.3	3.2	3.0	3.2	3.3					
G97.0	3.2	3.2	3.0	3.1	3.2					
G98.0	3.2	3.2	2.9	3.1	3.2					
G99.0	3.3	3.2	2.9	3.2	3.3					
G100.0	3.2	3.2	2.9	3.2	3.2					
G101.0	0.0	0.0	0.0	0.0	0.0					
G102.0	0.0	0.0	0.0	0.0	0.0					
G103.0	0.0	0.0	0.0	0.0	0.0					
G104.0	0.0	0.0	0.0	0.0	0.0					
G105.0	0.0	0.0	0.0	0.0	0.0					
G106.0	0.0	0.0	0.0	0.0	0.0					
G107.0	0.0	0.0	0.0	0.0	0.0					
G108.0	0.0	0.0	0.0	0.0	0.0					
G109.0	0.0	0.0	0.0	0.0	0.0					
G110.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	0.0	0.0	0.0	0.0	0.0					
G112.0	0.0	0.0	0.0	0.0	0.0					
G113.0	0.0	0.0	0.0	0.0	0.0					
G114.0	0.0	0.0	0.0	0.0	0.0					
G115.0	0.0	0.0	0.0	0.0	0.0					
G116.0	0.0	0.0	0.0	0.0	0.0					
G117.0	0.0	0.0	0.0	0.0	0.0					
G118.0	0.0	0.0	0.0	0.0	0.0					
G119.0	0.0	0.0	0.0	0.0	0.0					
G120.0	0.0	0.0	0.0	0.0	0.0					
G121.0	0.0	0.0	0.0	0.0	0.0					
G122.0	0.0	0.0	0.0	0.0	0.0					
G123.0	0.0	0.0	0.0	0.0	0.0					
G124.0	0.0	0.0	0.0	0.0	0.0					
G125.0	0.0	0.0	0.0	0.0	0.0					
G126.0	0.0	0.0	0.0	0.0	0.0					
G127.0	0.0	0.0	0.0	0.0	0.0					
G128.0	0.0	0.0	0.0	0.0	0.0					
G129.0	0.0	0.0	0.0	0.0	0.0					
G130.0	0.0	0.0	0.0	0.0	0.0					
G131.0	0.0	0.0	0.0	0.0	0.0					
G132.0	0.0	0.0	0.0	0.0	0.0					
G133.0	0.0	0.0	0.0	0.0	0.0					
G134.0	0.0	0.0	0.0	0.0	0.0					
G135.0	0.0	0.0	0.0	0.0	0.0					
G136.0	0.0	0.0	0.0	0.0	0.0					
G137.0	0.0	0.0	0.0	0.0	0.0					
G138.0	0.0	0.0	0.0	0.0	0.0					
G139.0	0.0	0.0	0.0	0.0	0.0					
G140.0	0.0	0.0	0.0	0.0	0.0					
G141.0	0.0	0.0	0.0	0.0	0.0					
G142.0	0.0	0.0	0.0	0.0	0.0					
G143.0	0.0	0.0	0.0	0.0	0.0					
G144.0	0.0	0.0	0.0	0.0	0.0					
G145.0	0.0	0.0	0.0	0.0	0.0					
G146.0	0.0	0.0	0.0	0.0	0.0					
G147.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	0.0	0.0	0.0	0.0	0.0					
G149.0	0.0	0.0	0.0	0.0	0.0					
G150.0	0.0	0.0	0.0	0.0	0.0					
G151.0	0.0	0.0	0.0	0.0	0.0					
G152.0	0.0	0.0	0.0	0.0	0.0					
G153.0	0.0	0.0	0.0	0.0	0.0					
G154.0	0.0	0.0	0.0	0.0	0.0					
G155.0	0.0	0.0	0.0	0.0	0.0					
G156.0	0.0	0.0	0.0	0.0	0.0					
G157.0	0.0	0.0	0.0	0.0	0.0					
G158.0	0.0	0.0	0.0	0.0	0.0					
G159.0	0.0	0.0	0.0	0.0	0.0					
G160.0	0.0	0.0	0.0	0.0	0.0					
G161.0	0.0	0.0	0.0	0.0	0.0					
G162.0	0.0	0.0	0.0	0.0	0.0					
G163.0	0.0	0.0	0.0	0.0	0.0					
G164.0	0.0	0.0	0.0	0.0	0.0					
G165.0	0.0	0.0	0.0	0.0	0.0					
G166.0	0.0	0.0	0.0	0.0	0.0					
G167.0	0.0	0.0	0.0	0.0	0.0					
G168.0	0.0	0.0	0.0	0.0	0.0					
G169.0	0.0	0.0	0.0	0.0	0.0					
G170.0	0.0	0.0	0.0	0.0	0.0					
G171.0	0.0	0.0	0.0	0.0	0.0					
G172.0	0.0	0.0	0.0	0.0	0.0					
G173.0	0.0	0.0	0.0	0.0	0.0					
G174.0	0.0	0.0	0.0	0.0	0.0					
G175.0	0.0	0.0	0.0	0.0	0.0					
G176.0	0.0	0.0	0.0	0.0	0.0					
G177.0	0.0	0.0	0.0	0.0	0.0					
G178.0	0.0	0.0	0.0	0.0	0.0					
G179.0	0.0	0.0	0.0	0.0	0.0					
G180.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector: