

Test Time: 2025-11-10 10:39

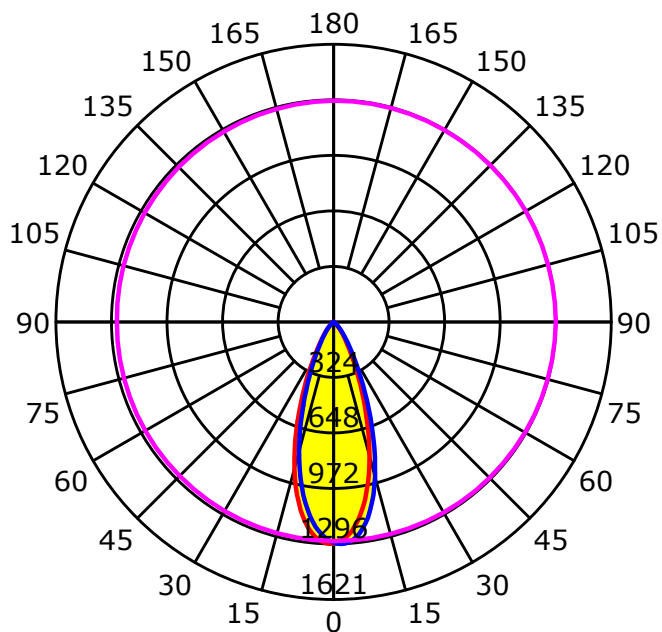
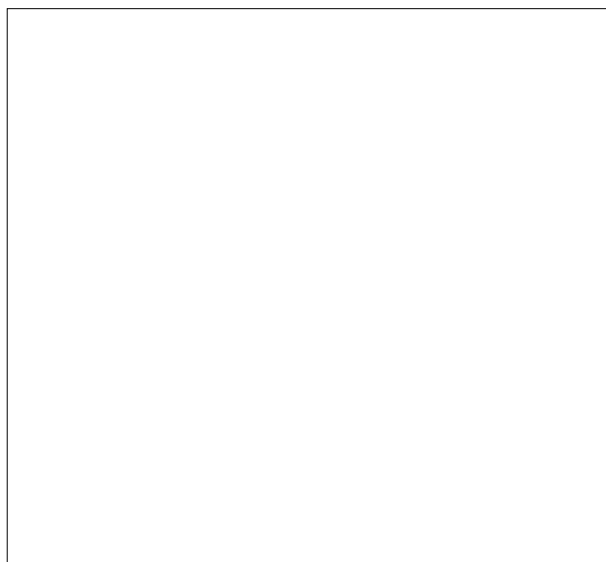
Luminaire Manufacturer: NORDECOR
Luminaire Description: 80015
Luminous Width (mm): 85
Current: 0.104 A
Power Factor: 0.487

Luminous Length (mm): 58
Voltage: 220.5 V
Power: 11.21 W

CIE Class: Direct
Measurement Flux: 633.8 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%,80%
Vertical Diffuse Angle(10%,50%,80%,1
Luminaire Efficacy Rating (LER): 56.59
Max. Intensity: 1296.83 cd
S/MH(C0/C180): 0.61

Total Rated Lamp Lumens: 633.8 lm
Efficiency: 100%
Upward Ratio: 1%
0%): H67.2,H37.4,H22.3,H1
): V68.4,V37.7,V22.8,V2
Central Intensity: 1294.13 cd
Pos of Max. Intensity: H90 V2
S/MH(C90/C270): 0.62

Luminous Intensity Distribution Curve

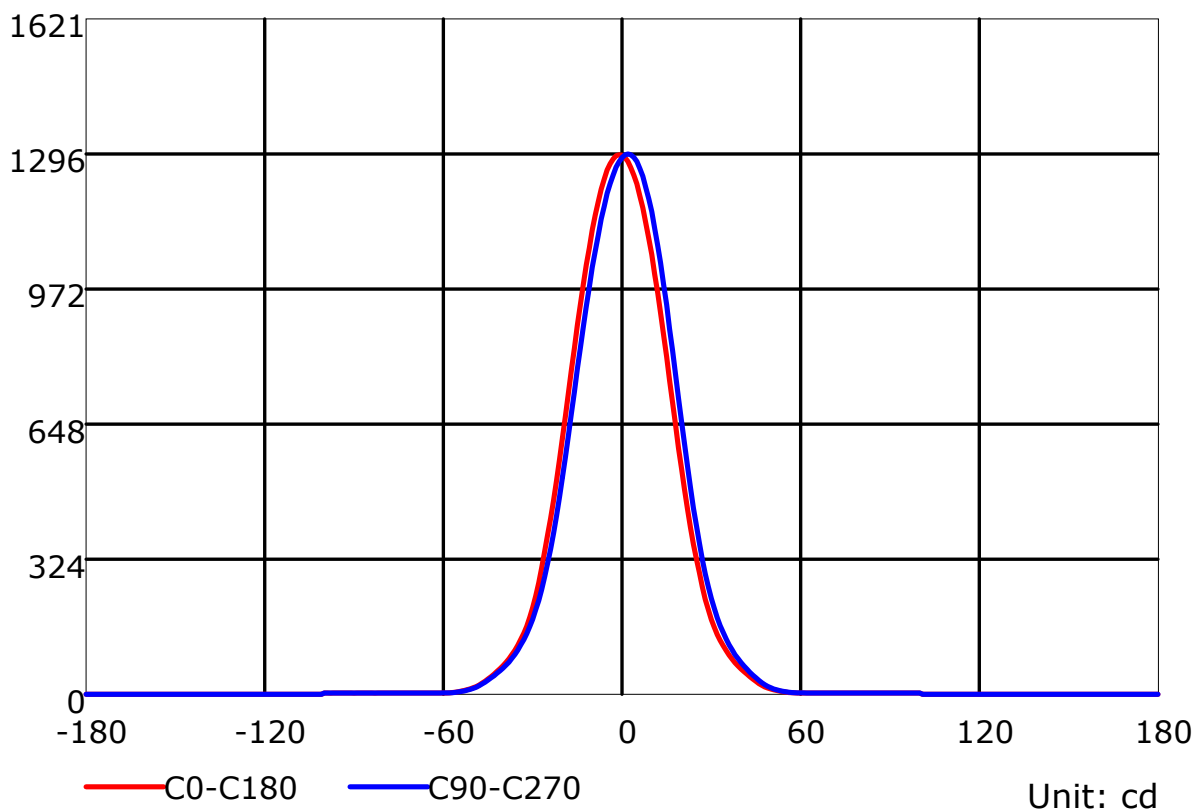
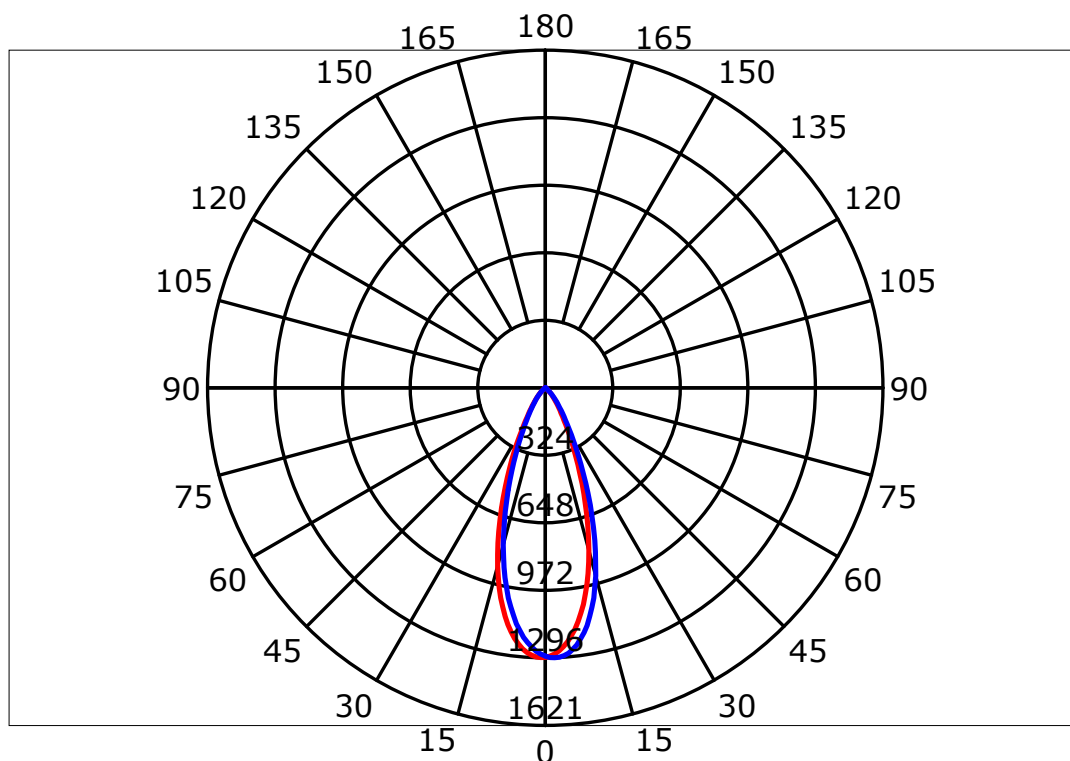


Average Diffuse Angle(50%): 37.5°

— C0-C180 — C90-C270 — G2

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

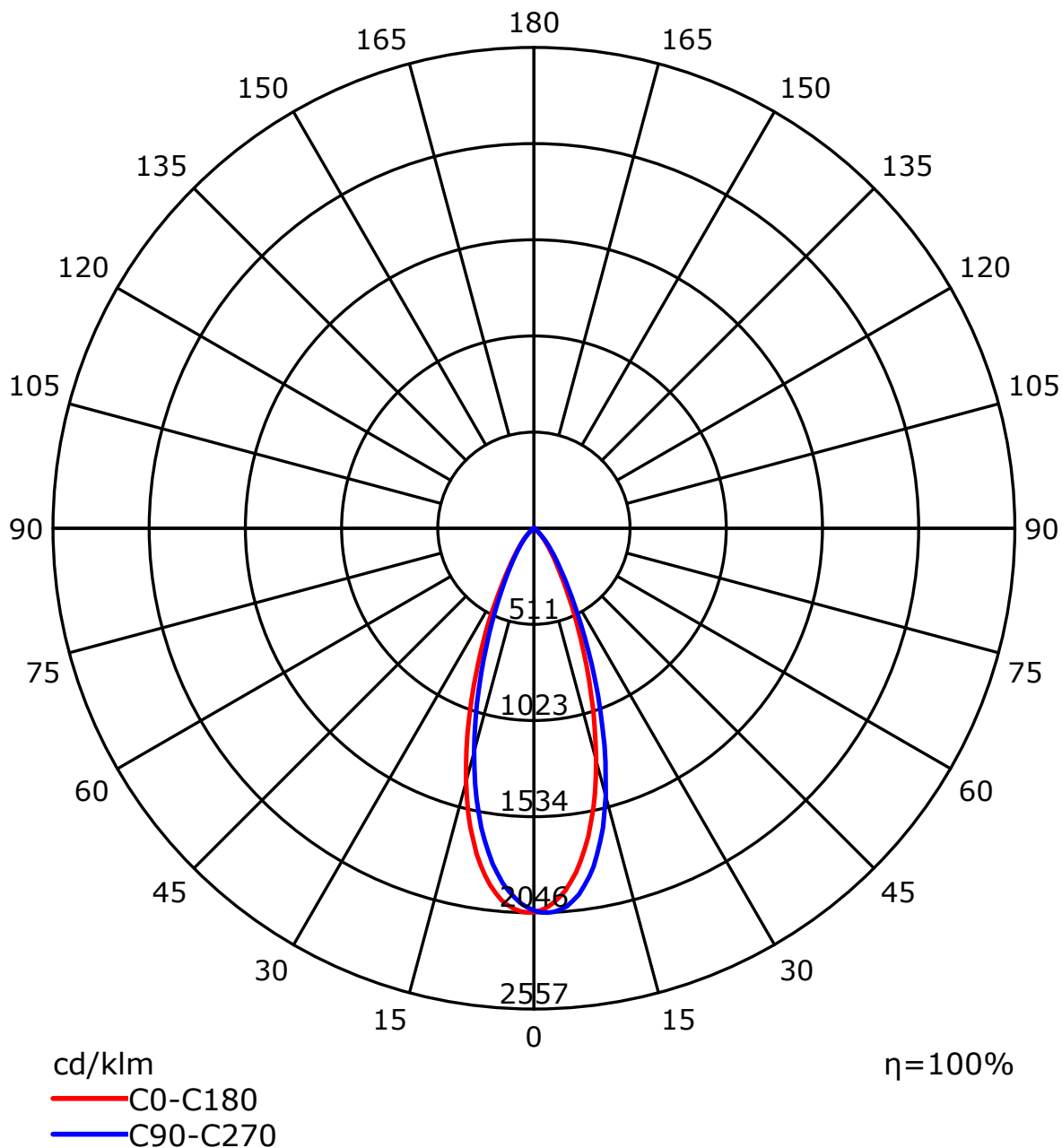
Luminous Intensity Distribution Curve



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)



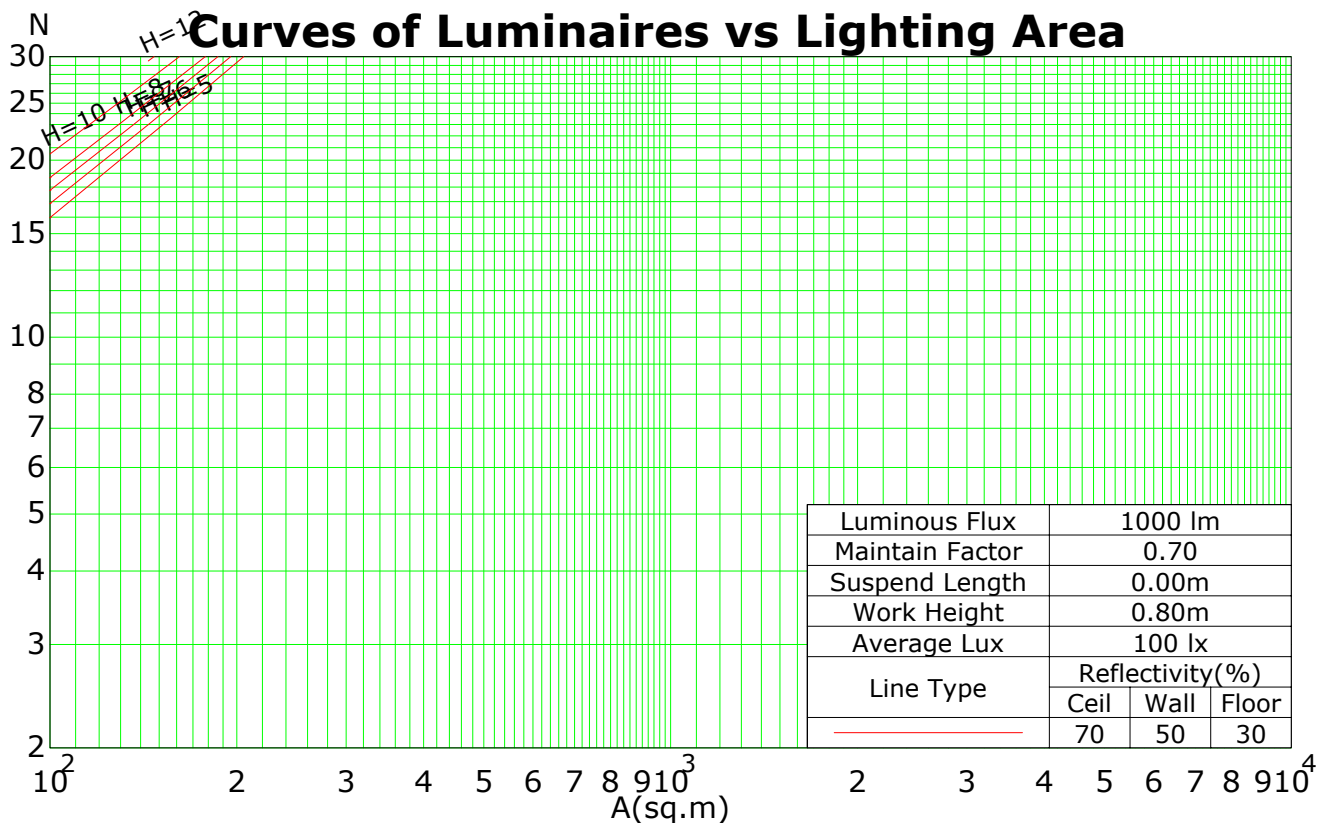
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	101	101	101	99
1	114	111	109	106	111	109	107	105	105	103	101	101	99	98	97	96	95	93
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	104	98	93	90	102	96	92	89	94	90	87	91	88	86	89	87	85	83
4	99	92	87	83	97	91	87	83	89	85	82	87	84	81	85	82	80	78
5	95	87	82	78	93	86	82	78	85	80	77	83	79	76	81	78	76	74
6	91	83	78	74	90	82	77	73	81	76	73	79	75	72	78	75	72	71
7	87	79	74	70	86	78	73	70	77	72	69	76	72	69	75	71	68	67
8	84	75	70	66	83	75	70	66	74	69	66	73	68	65	72	68	65	64
9	80	72	67	63	79	71	66	63	70	66	63	70	65	62	69	65	62	61
10	77	69	64	60	76	68	63	60	68	63	60	67	63	60	66	62	60	58

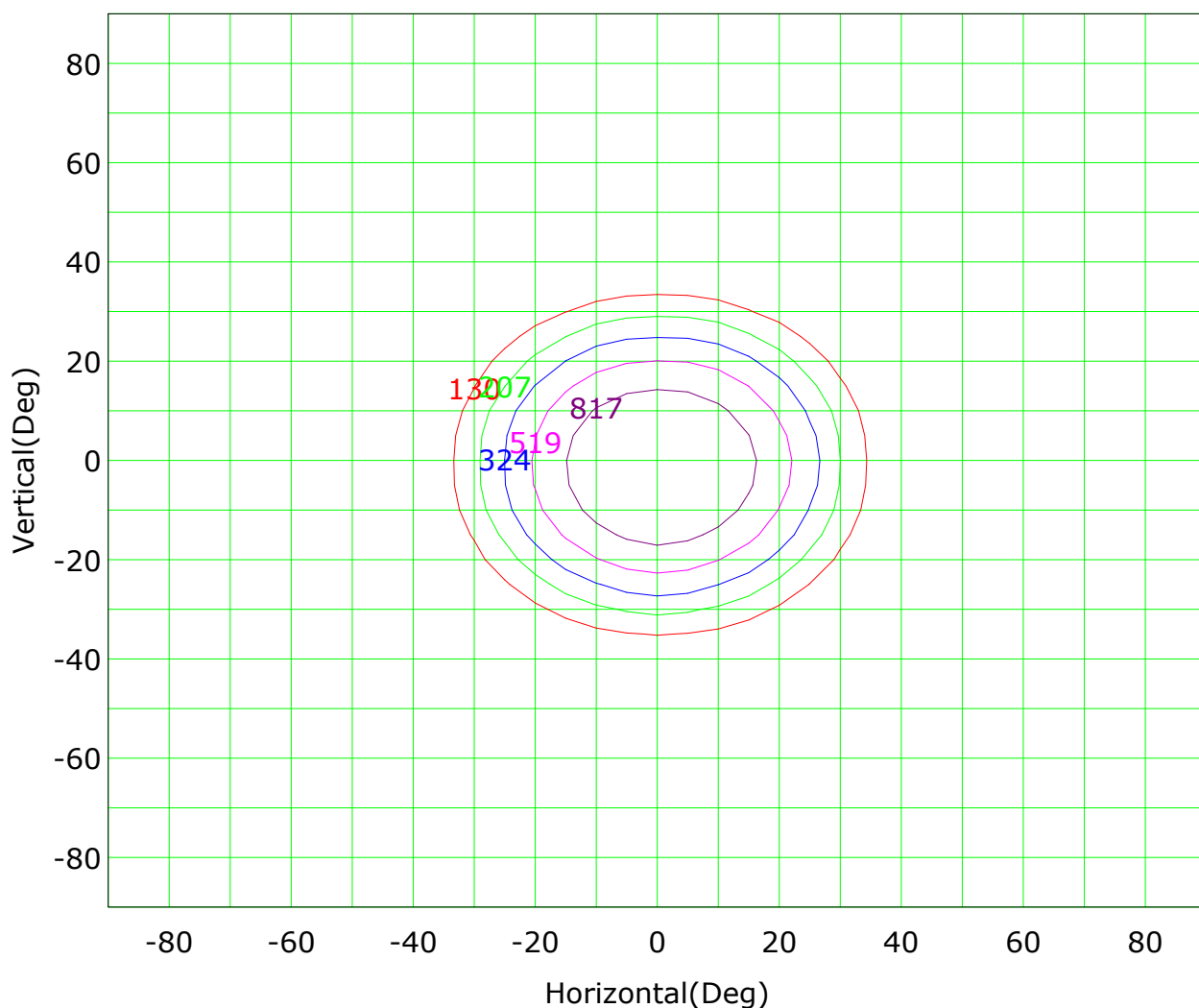
Spacing Criteria (0-180): 0.61
Spacing Criteria (90-270): 0.62
Spacing Criteria (Diagonal): 0.61



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)



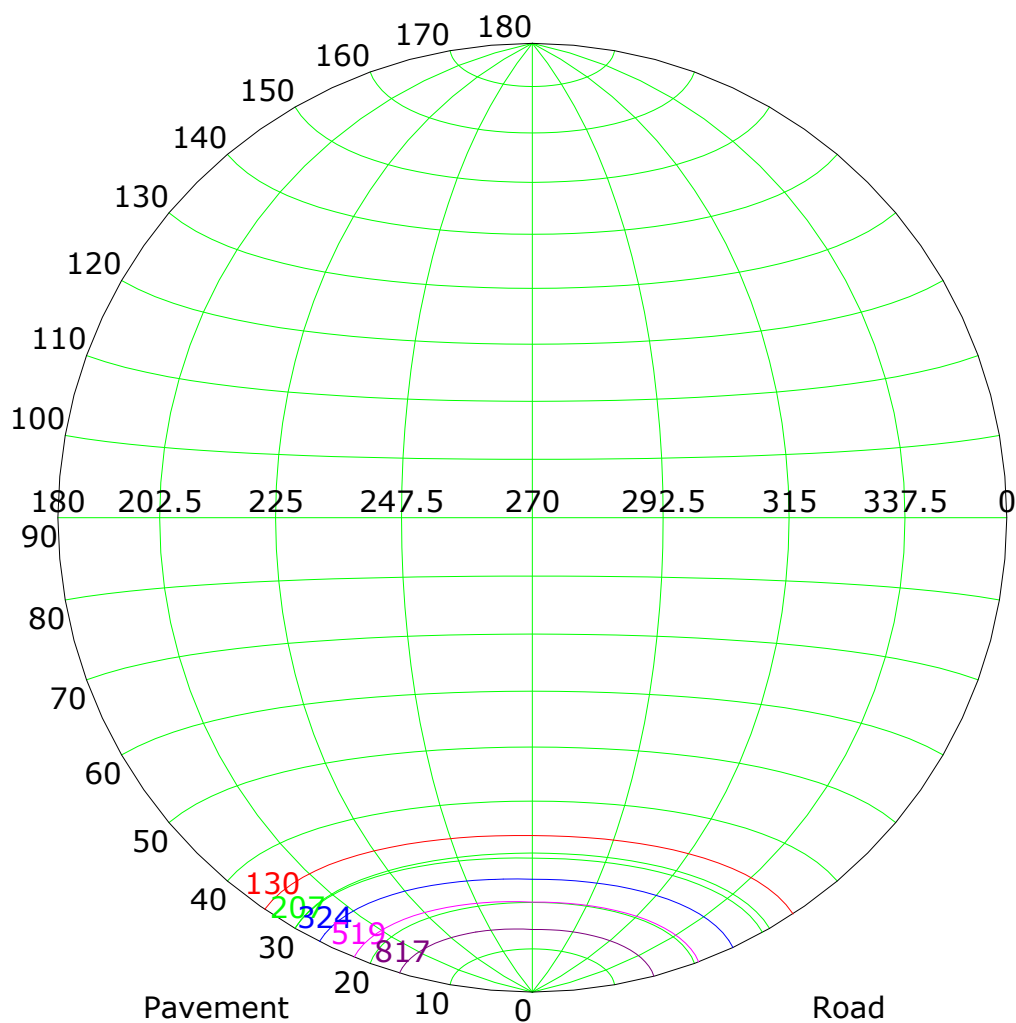
Imax (100%): 1297 cd

(10%):	130 cd	(16%):	207 cd
(25%):	324 cd	(40%):	519 cd
(63%):	817 cd	(100%):	1297 cd

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 (sphere)

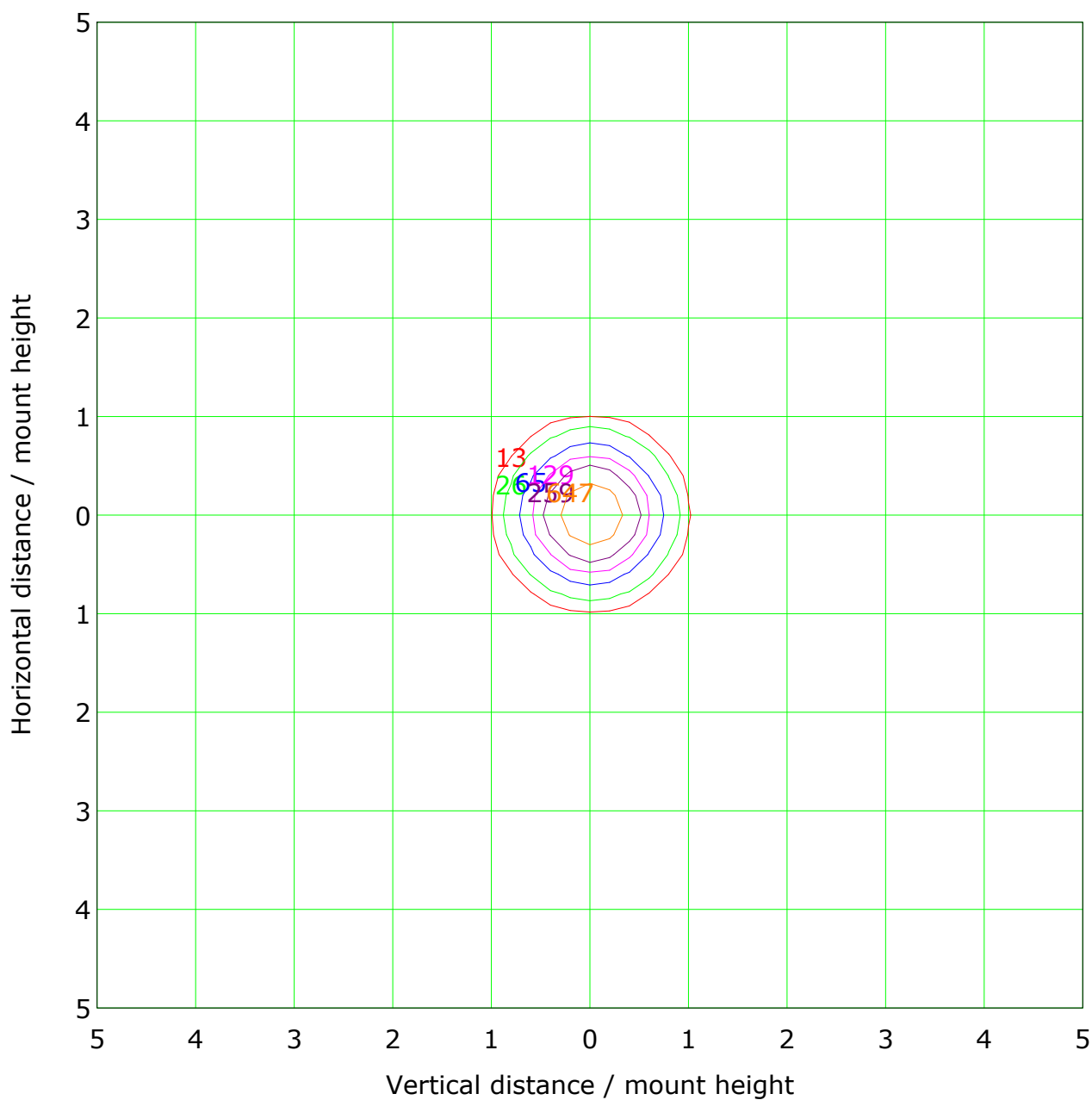


Imax (100%): 1297 cd

(10%): 130 cd
(25%): 324 cd
(63%): 817 cd

(16%): 207 cd
(40%): 519 cd
(100%): 1297 cd

IsoLux Plot



Mounting Height: 1.0m Max Lux(100%): 1294.7 lx

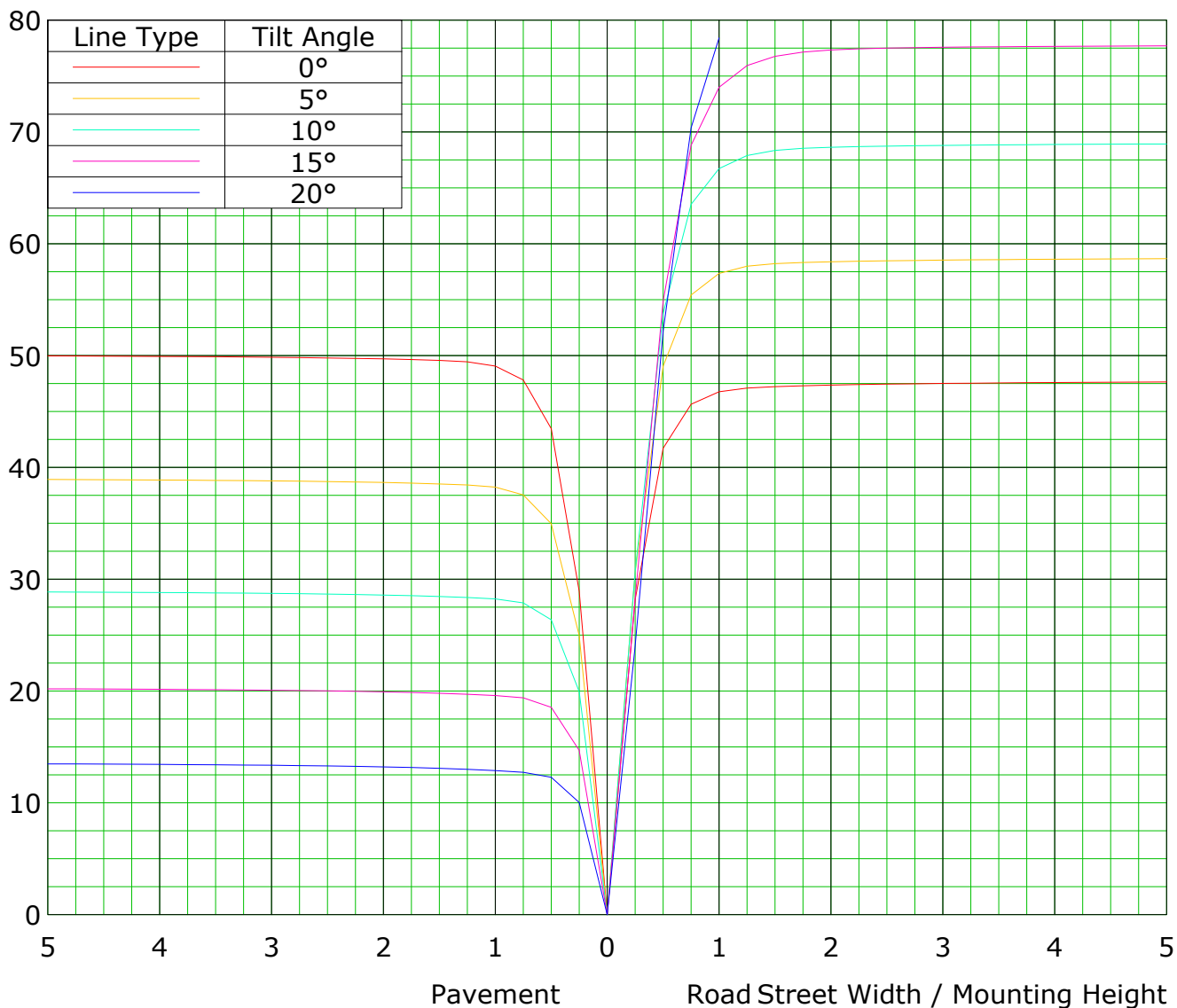
(1%): 12.9 lx	(2%): 25.9 lx
(5%): 64.7 lx	(10%): 129.5 lx
(20%): 258.9 lx	(50%): 647.3 lx
(100%):1294.7 lx	

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(%)

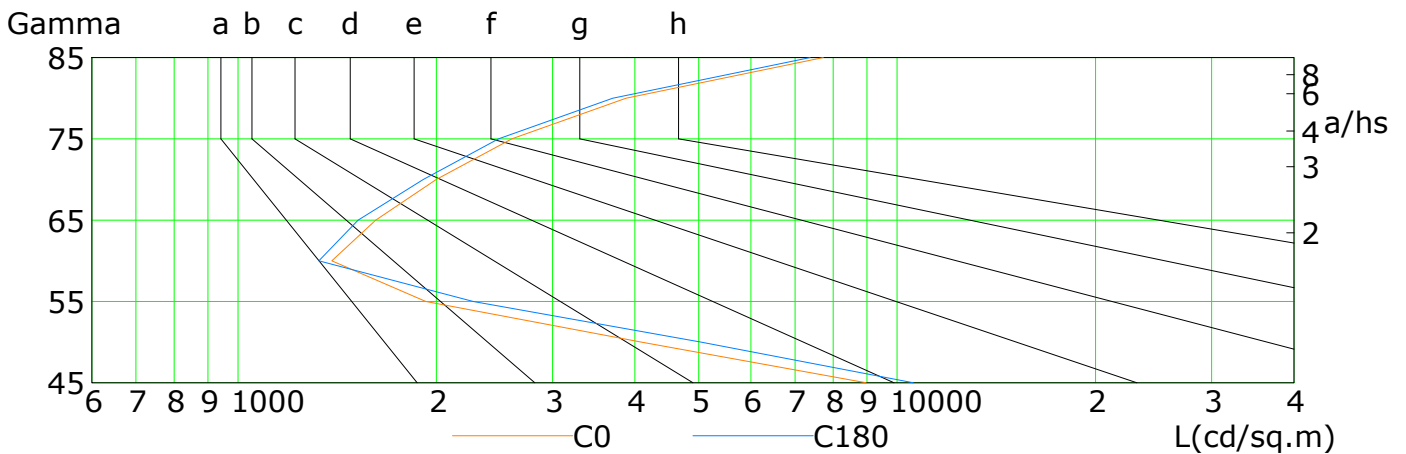
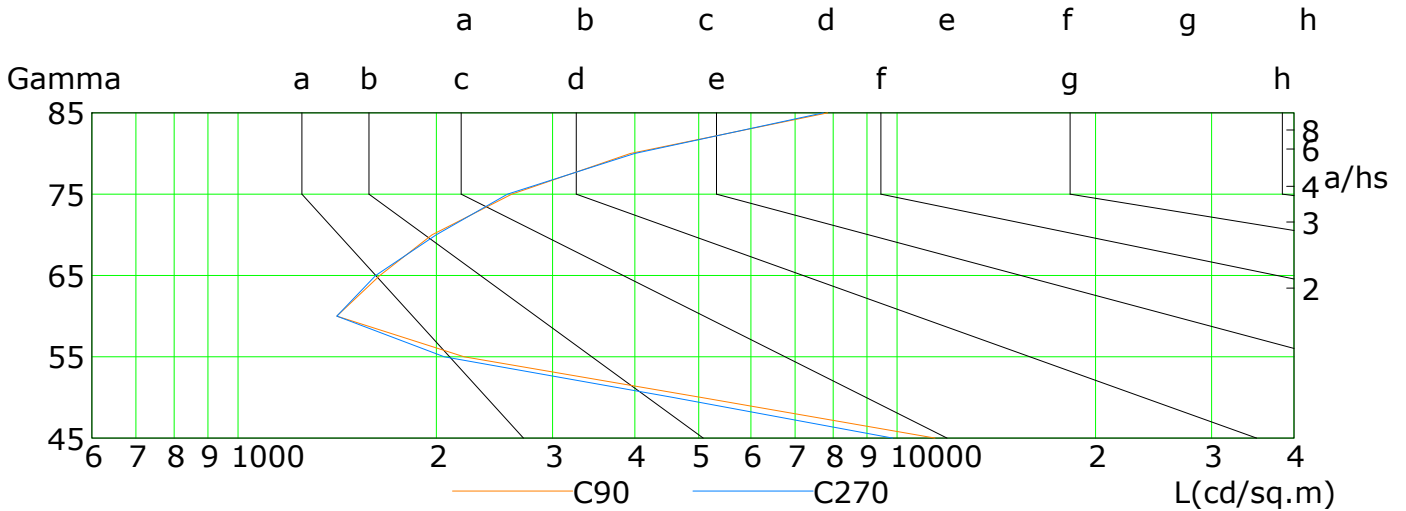


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	8976	4093	1927	1387	1617	1999	2602	3878	7727
C90	11417	5043	2203	1412	1641	1969	2602	3937	7843
C180	10585	5043	2274	1327	1521	1910	2484	3703	7378
C270	9839	4569	2055	1412	1617	1999	2563	3995	7727

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

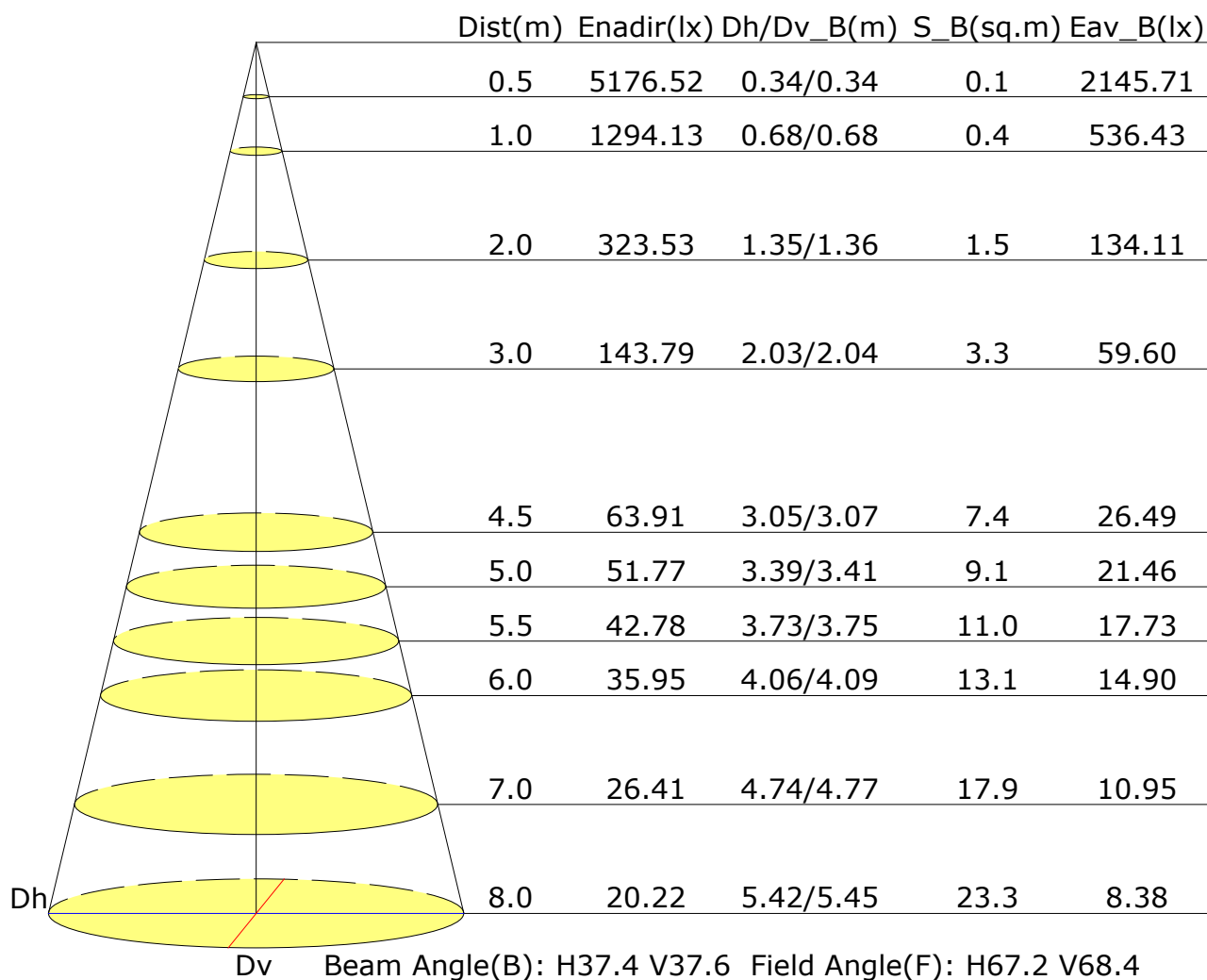
Test Device: GPM-1600L

Distance: 8.443 m

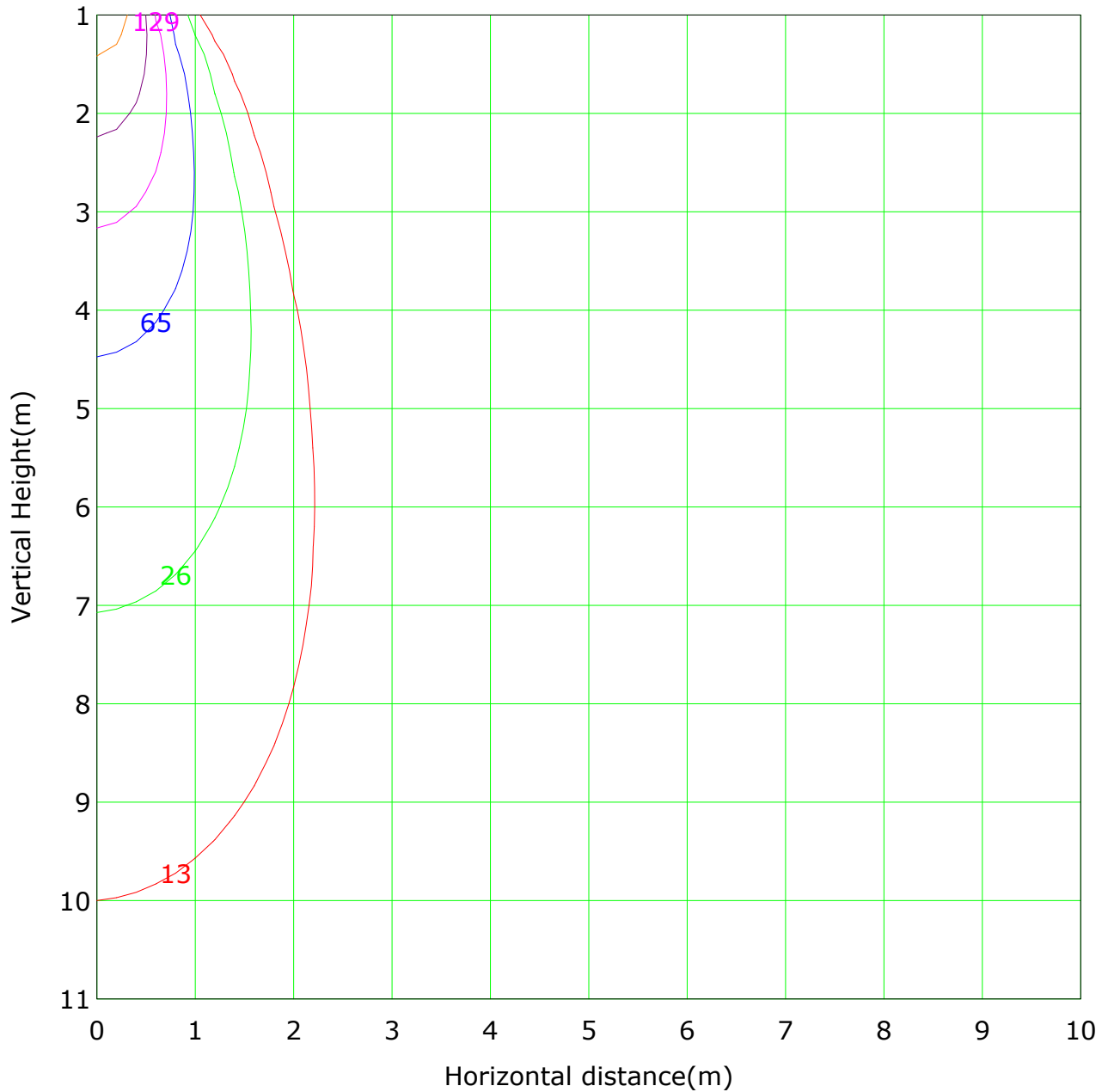
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



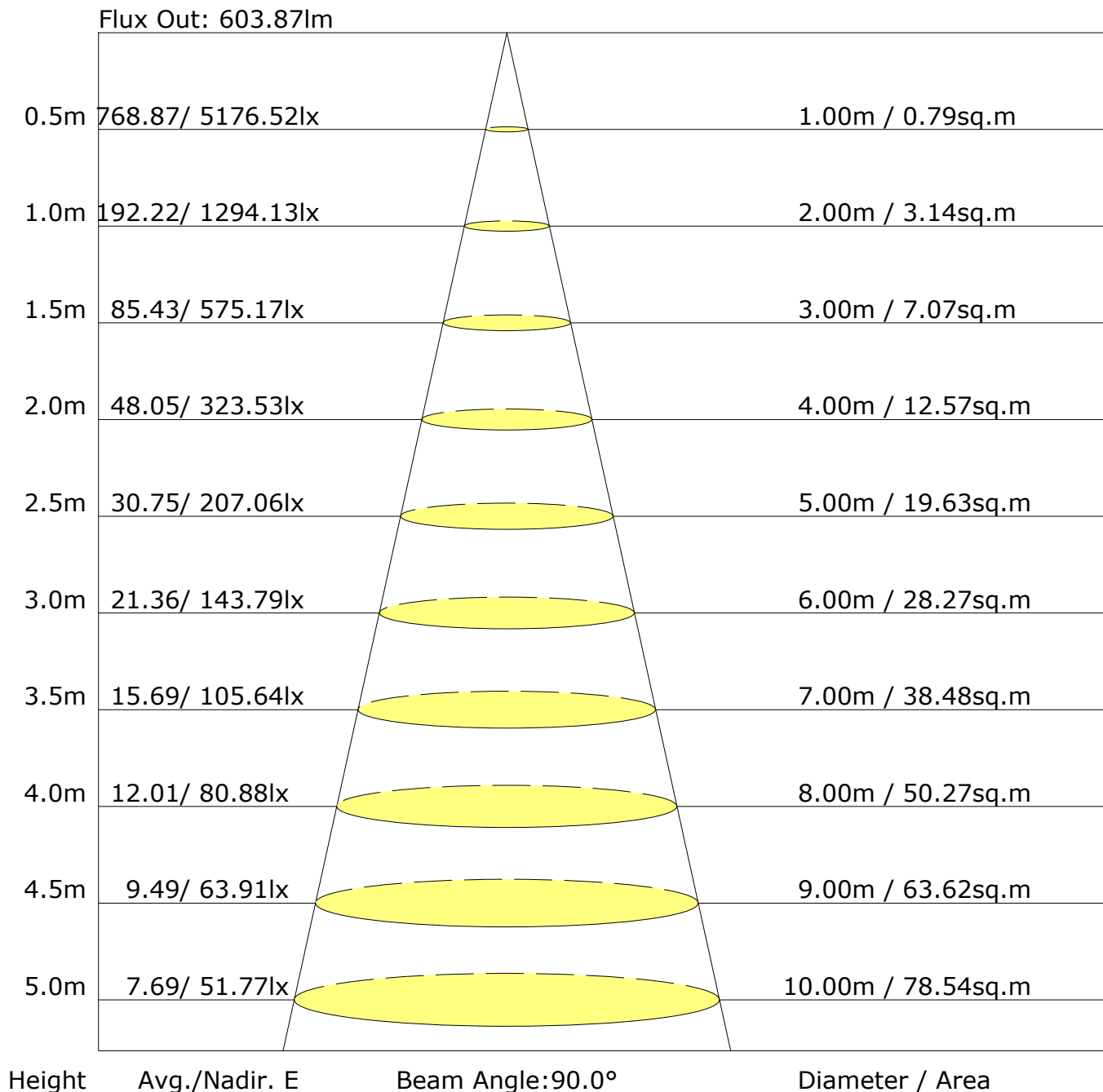
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1294.1 lx
— (1%): 12.9 lx — (2%): 25.9 lx
— (5%): 64.7 lx — (10%): 129.4 lx
— (20%): 258.8 lx — (50%): 647.1 lx
— (100%):1294.1 lx

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:

Inspector:

The Average Illuminance Effective Figure



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:

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	13.4	14.2	13.7	14.4	14.6	14.0	14.8	14.2	15.0	15.2
3H	13.5	14.2	13.8	14.4	14.7	14.0	14.7	14.3	15.0	15.2
4H	13.6	14.3	13.9	14.5	14.8	14.1	14.8	14.4	15.1	15.3
6H	13.9	14.5	14.3	14.8	15.1	14.4	15.0	14.7	15.3	15.6
8H	14.2	14.8	14.6	15.1	15.4	14.6	15.2	15.0	15.5	15.9
12H	14.7	15.2	15.0	15.5	15.9	15.0	15.6	15.4	15.9	16.3
X=4H Y=2H	13.3	13.9	13.6	14.2	14.5	13.8	14.5	14.1	14.8	15.0
3H	13.4	14.0	13.8	14.3	14.6	13.9	14.5	14.3	14.8	15.1
4H	13.7	14.2	14.1	14.5	14.9	14.2	14.7	14.5	15.0	15.4
6H	14.2	14.7	14.7	15.1	15.5	14.7	15.1	15.1	15.5	15.9
8H	14.7	15.1	15.1	15.5	15.9	15.1	15.5	15.5	15.9	16.3
12H	15.4	15.8	15.8	16.2	16.6	15.7	16.1	16.1	16.5	16.9
X=8H Y=4H	13.8	14.2	14.2	14.6	15.0	14.2	14.6	14.7	15.0	15.5
6H	14.6	14.9	15.1	15.4	15.8	15.0	15.3	15.4	15.7	16.2
8H	15.3	15.6	15.8	16.0	16.5	15.6	15.9	16.0	16.3	16.8
12H	16.3	16.5	16.8	17.0	17.5	16.5	16.7	17.0	17.2	17.7
X=12H Y=4H	13.8	14.2	14.3	14.6	15.1	14.3	14.6	14.7	15.0	15.5
6H	14.7	15.0	15.2	15.5	16.0	15.1	15.4	15.6	15.8	16.3
8H	15.5	15.8	16.0	16.3	16.8	15.8	16.0	16.3	16.5	17.0
Variations with the observer position at spacings:										
S=1.0H	+2.7/-2.7					+2.6/-2.6				
S=1.5H	+5.0/-3.5					+4.9/-3.4				
S=2.0H	+6.8/-3.9					+6.7/-3.8				

Calculate in accordance with CIE Pub.117. The table is revised with 634lm ($8\log(F/F_0) = -1.6$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	307	48.5
	FL (0°-30°)	249	39.3
	FM (30°-60°)	53	8.3
	FH (60°-80°)	3	0.5
	FVH (80°-90°)	2	0.3
	BACK LIGHT	323	51.0
	BL (0°-30°)	261	41.2
	BM (30°-60°)	56	8.9
	BH (60°-80°)	3	0.5
	BVH (80°-90°)	2	0.3
	UP LIGHT	4	0.6
	UL (90°-100°)	4	0.6
	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

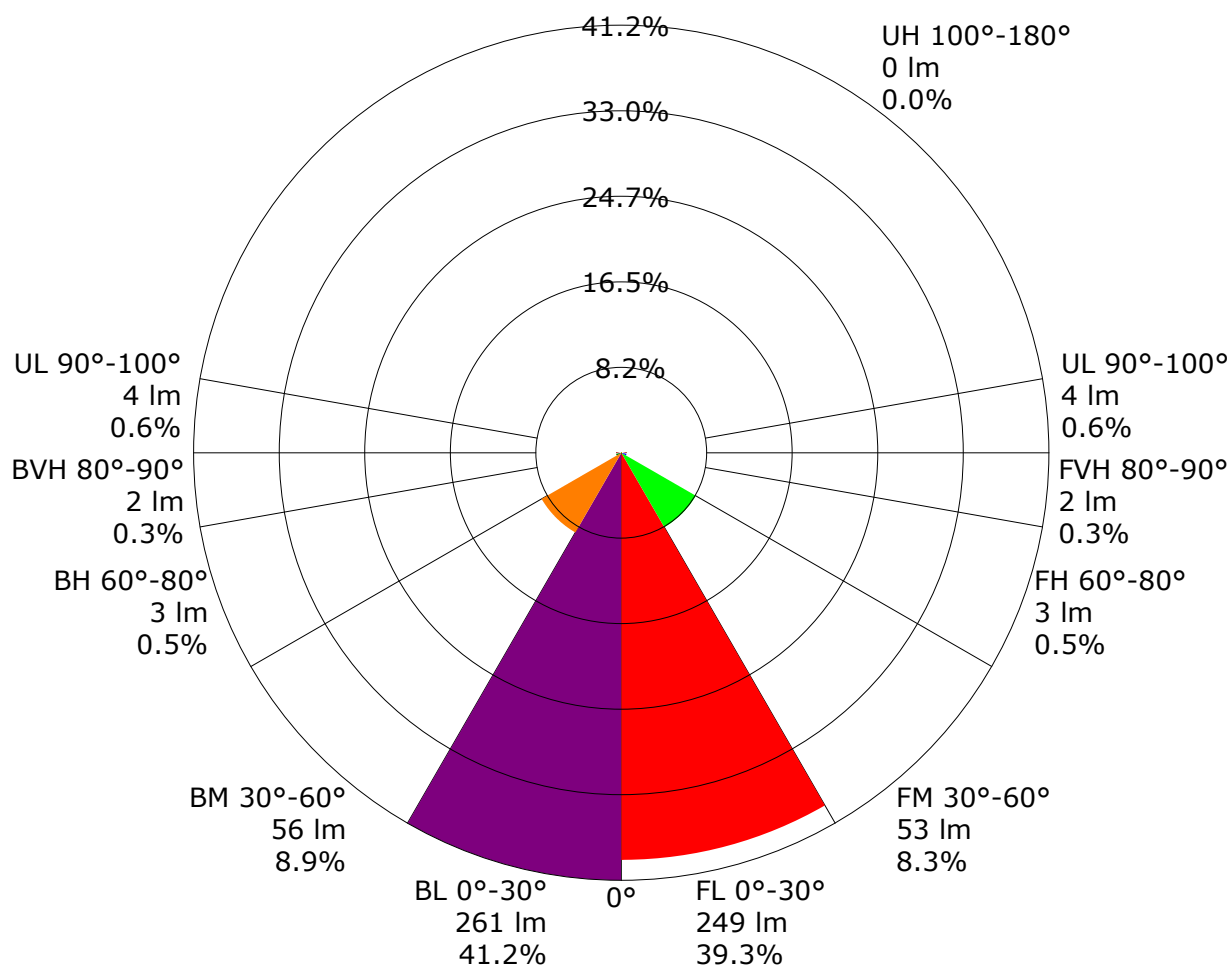
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

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:

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	0.89	0.95	0.98	1.01	1.04	1.07	1.08	1.10	1.12	
	0.30		0.85	0.91	0.94	0.97	1.01	1.04	1.06	1.08	1.10	
	0.20		0.82	0.88	0.91	0.94	0.99	1.01	1.04	1.06	1.08	
0.50	0.50	0.20	0.88	0.93	0.96	0.99	1.02	1.04	1.05	1.07	1.08	
	0.30		0.84	0.89	0.93	0.95	0.99	1.01	1.03	1.05	1.06	
	0.20		0.81	0.87	0.90	0.93	0.97	0.99	1.01	1.03	1.05	
0.30	0.50	0.20	0.87	0.91	0.94	0.96	0.99	1.00	1.02	1.03	1.04	
	0.30		0.83	0.88	0.92	0.94	0.97	0.99	1.00	1.02	1.03	
	0.20		0.81	0.86	0.89	0.92	0.95	0.97	0.99	1.00	1.02	
0.00	0.00	0.00	0.79	0.84	0.87	0.89	0.92	0.93	0.95	0.96	0.97	
Rating:11W 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	0.53	0.43	0.36	0.31	0.25	0.21	0.18	0.14	0.11	
	0.30		0.44	0.37	0.32	0.28	0.23	0.19	0.16	0.13	0.11	
	0.20		0.38	0.32	0.28	0.25	0.21	0.18	0.15	0.12	0.10	
0.50	0.50	0.20	0.50	0.40	0.34	0.29	0.23	0.23	0.16	0.13	0.10	
	0.30		0.42	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10	
	0.20		0.37	0.31	0.27	0.24	0.19	0.16	0.14	0.11	0.09	
0.30	0.50	0.20	0.48	0.38	0.32	0.27	0.21	0.17	0.15	0.11	0.09	
	0.30		0.41	0.33	0.28	0.25	0.20	0.16	0.14	0.11	0.09	
	0.20		0.36	0.30	0.26	0.23	0.18	0.15	0.13	0.10	0.09	
0.00	0.00	0.00	0.22	0.17	0.14	0.12	0.09	0.08	0.06	0.05	0.04	
Rating:11W 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	0.22	
	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	0.19	0.19	0.20	0.21	
	0.30		0.09	0.11	0.13	0.14	0.15	0.17	0.17	0.19	0.19	
	0.20		0.07	0.09	0.10	0.12	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		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Rating:11W 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	1290.2	1.2	1.2	0.19	0.19
1.0-2.0	1286.4	3.7	4.9	0.58	0.78
2.0-3.0	1278.1	6.1	11.0	0.96	1.74
3.0-4.0	1265.7	8.5	19.5	1.34	3.08
4.0-5.0	1249.9	10.8	30.3	1.70	4.78
5.0-6.0	1229.1	12.9	43.2	2.04	6.81
6.0-7.0	1204.1	14.9	58.1	2.36	9.17
7.0-8.0	1175.0	16.8	75.0	2.65	11.83
8.0-9.0	1141.8	18.5	93.5	2.92	14.75
9.0-10.0	1106.7	20.0	113.5	3.16	17.91
10.0-11.0	1066.3	21.3	134.8	3.36	21.27
11.0-12.0	1022.5	22.4	157.2	3.53	24.80
12.0-13.0	978.1	23.2	180.4	3.66	28.46
13.0-14.0	929.2	23.8	204.2	3.75	32.21
14.0-15.0	878.2	24.1	228.3	3.80	36.02
15.0-16.0	825.3	24.2	252.5	3.82	39.83
16.0-17.0	771.2	24.0	276.5	3.79	43.62
17.0-18.0	718.2	23.7	300.2	3.74	47.36
18.0-19.0	663.5	23.1	323.2	3.64	51.00
19.0-20.0	609.4	22.3	345.6	3.52	54.52
20.0-21.0	558.7	21.5	367.0	3.39	57.91
21.0-22.0	508.8	20.4	387.5	3.23	61.13
22.0-23.0	461.3	19.4	406.8	3.05	64.19
23.0-24.0	416.8	18.2	425.0	2.88	67.06
24.0-25.0	375.7	17.1	442.1	2.70	69.76
25.0-26.0	338.8	16.0	458.1	2.52	72.28
26.0-27.0	302.3	14.8	472.9	2.33	74.61
27.0-28.0	268.3	13.6	486.5	2.14	76.76
28.0-29.0	239.1	12.5	499.0	1.97	78.73
29.0-30.0	212.5	11.5	510.5	1.81	80.54
30.0-31.0	189.4	10.5	521.0	1.66	82.21
31.0-32.0	169.2	9.7	530.7	1.53	83.74
32.0-33.0	151.2	8.9	539.6	1.41	85.14
33.0-34.0	136.3	8.3	547.9	1.30	86.44
34.0-35.0	122.4	7.6	555.5	1.20	87.64
35.0-36.0	109.5	7.0	562.5	1.10	88.74

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	98.6	6.4	568.9	1.02	89.76
37.0-38.0	88.5	5.9	574.8	0.93	90.69
38.0-39.0	79.3	5.4	580.2	0.85	91.54
39.0-40.0	71.1	5.0	585.2	0.78	92.33
40.0-41.0	63.7	4.5	589.7	0.72	93.04
41.0-42.0	57.0	4.1	593.8	0.65	93.70
42.0-43.0	50.4	3.7	597.6	0.59	94.28
43.0-44.0	44.1	3.3	600.9	0.53	94.81
44.0-45.0	38.4	3.0	603.9	0.47	95.28
45.0-46.0	32.9	2.6	606.4	0.41	95.68
46.0-47.0	27.8	2.2	608.7	0.35	96.03
47.0-48.0	23.3	1.9	610.5	0.30	96.33
48.0-49.0	19.3	1.6	612.1	0.25	96.58
49.0-50.0	16.2	1.4	613.5	0.21	96.79
50.0-51.0	13.6	1.2	614.6	0.18	96.97
51.0-52.0	11.4	1.0	615.6	0.15	97.13
52.0-53.0	9.6	0.8	616.4	0.13	97.26
53.0-54.0	7.9	0.7	617.1	0.11	97.37
54.0-55.0	6.6	0.6	617.7	0.09	97.46
55.0-56.0	5.4	0.5	618.2	0.08	97.54
56.0-57.0	4.5	0.4	618.6	0.07	97.61
57.0-58.0	4.0	0.4	619.0	0.06	97.66
58.0-59.0	3.6	0.3	619.3	0.05	97.72
59.0-60.0	3.4	0.3	619.7	0.05	97.77
60.0-61.0	3.4	0.3	620.0	0.05	97.82
61.0-62.0	3.4	0.3	620.3	0.05	97.87
62.0-63.0	3.4	0.3	620.6	0.05	97.92
63.0-64.0	3.4	0.3	621.0	0.05	97.98
64.0-65.0	3.3	0.3	621.3	0.05	98.03
65.0-66.0	3.3	0.3	621.6	0.05	98.08
66.0-67.0	3.3	0.3	622.0	0.05	98.13
67.0-68.0	3.3	0.3	622.3	0.05	98.19
68.0-69.0	3.3	0.3	622.6	0.05	98.24
69.0-70.0	3.3	0.3	623.0	0.05	98.29
70.0-71.0	3.3	0.3	623.3	0.05	98.35
71.0-72.0	3.3	0.3	623.7	0.05	98.40

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	3.3	0.3	624.0	0.05	98.46
73.0-74.0	3.3	0.3	624.4	0.06	98.51
74.0-75.0	3.3	0.3	624.7	0.06	98.57
75.0-76.0	3.3	0.3	625.1	0.05	98.62
76.0-77.0	3.3	0.3	625.4	0.05	98.68
77.0-78.0	3.3	0.3	625.8	0.06	98.73
78.0-79.0	3.3	0.4	626.1	0.06	98.79
79.0-80.0	3.3	0.4	626.5	0.06	98.84
80.0-81.0	3.3	0.4	626.8	0.06	98.90
81.0-82.0	3.3	0.4	627.2	0.06	98.96
82.0-83.0	3.3	0.4	627.5	0.06	99.01
83.0-84.0	3.3	0.4	627.9	0.06	99.07
84.0-85.0	3.3	0.4	628.3	0.06	99.12
85.0-86.0	3.3	0.4	628.6	0.06	99.18
86.0-87.0	3.3	0.4	629.0	0.06	99.24
87.0-88.0	3.3	0.4	629.3	0.06	99.29
88.0-89.0	3.3	0.4	629.7	0.06	99.35
89.0-90.0	3.3	0.4	630.1	0.06	99.41
90.0-91.0	3.3	0.4	630.4	0.06	99.46
91.0-92.0	3.3	0.4	630.8	0.06	99.52
92.0-93.0	3.3	0.4	631.1	0.06	99.58
93.0-94.0	3.3	0.4	631.5	0.06	99.64
94.0-95.0	3.3	0.4	631.9	0.06	99.69
95.0-96.0	3.3	0.4	632.2	0.06	99.75
96.0-97.0	3.3	0.4	632.6	0.06	99.80
97.0-98.0	3.3	0.4	632.9	0.06	99.86
98.0-99.0	3.3	0.4	633.3	0.06	99.92
99.0-100.0	3.3	0.4	633.6	0.06	99.97
100.0-101.0	1.6	0.2	633.8	0.03	100.00
101.0-102.0	0.0	0.0	633.8	0.00	100.00
102.0-103.0	0.0	0.0	633.8	0.00	100.00
103.0-104.0	0.0	0.0	633.8	0.00	100.00
104.0-105.0	0.0	0.0	633.8	0.00	100.00
105.0-106.0	0.0	0.0	633.8	0.00	100.00
106.0-107.0	0.0	0.0	633.8	0.00	100.00
107.0-108.0	0.0	0.0	633.8	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	633.8	0.00	100.00
109.0-110.0	0.0	0.0	633.8	0.00	100.00
110.0-111.0	0.0	0.0	633.8	0.00	100.00
111.0-112.0	0.0	0.0	633.8	0.00	100.00
112.0-113.0	0.0	0.0	633.8	0.00	100.00
113.0-114.0	0.0	0.0	633.8	0.00	100.00
114.0-115.0	0.0	0.0	633.8	0.00	100.00
115.0-116.0	0.0	0.0	633.8	0.00	100.00
116.0-117.0	0.0	0.0	633.8	0.00	100.00
117.0-118.0	0.0	0.0	633.8	0.00	100.00
118.0-119.0	0.0	0.0	633.8	0.00	100.00
119.0-120.0	0.0	0.0	633.8	0.00	100.00
120.0-121.0	0.0	0.0	633.8	0.00	100.00
121.0-122.0	0.0	0.0	633.8	0.00	100.00
122.0-123.0	0.0	0.0	633.8	0.00	100.00
123.0-124.0	0.0	0.0	633.8	0.00	100.00
124.0-125.0	0.0	0.0	633.8	0.00	100.00
125.0-126.0	0.0	0.0	633.8	0.00	100.00
126.0-127.0	0.0	0.0	633.8	0.00	100.00
127.0-128.0	0.0	0.0	633.8	0.00	100.00
128.0-129.0	0.0	0.0	633.8	0.00	100.00
129.0-130.0	0.0	0.0	633.8	0.00	100.00
130.0-131.0	0.0	0.0	633.8	0.00	100.00
131.0-132.0	0.0	0.0	633.8	0.00	100.00
132.0-133.0	0.0	0.0	633.8	0.00	100.00
133.0-134.0	0.0	0.0	633.8	0.00	100.00
134.0-135.0	0.0	0.0	633.8	0.00	100.00
135.0-136.0	0.0	0.0	633.8	0.00	100.00
136.0-137.0	0.0	0.0	633.8	0.00	100.00
137.0-138.0	0.0	0.0	633.8	0.00	100.00
138.0-139.0	0.0	0.0	633.8	0.00	100.00
139.0-140.0	0.0	0.0	633.8	0.00	100.00
140.0-141.0	0.0	0.0	633.8	0.00	100.00
141.0-142.0	0.0	0.0	633.8	0.00	100.00
142.0-143.0	0.0	0.0	633.8	0.00	100.00
143.0-144.0	0.0	0.0	633.8	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	633.8	0.00	100.00
145.0-146.0	0.0	0.0	633.8	0.00	100.00
146.0-147.0	0.0	0.0	633.8	0.00	100.00
147.0-148.0	0.0	0.0	633.8	0.00	100.00
148.0-149.0	0.0	0.0	633.8	0.00	100.00
149.0-150.0	0.0	0.0	633.8	0.00	100.00
150.0-151.0	0.0	0.0	633.8	0.00	100.00
151.0-152.0	0.0	0.0	633.8	0.00	100.00
152.0-153.0	0.0	0.0	633.8	0.00	100.00
153.0-154.0	0.0	0.0	633.8	0.00	100.00
154.0-155.0	0.0	0.0	633.8	0.00	100.00
155.0-156.0	0.0	0.0	633.8	0.00	100.00
156.0-157.0	0.0	0.0	633.8	0.00	100.00
157.0-158.0	0.0	0.0	633.8	0.00	100.00
158.0-159.0	0.0	0.0	633.8	0.00	100.00
159.0-160.0	0.0	0.0	633.8	0.00	100.00
160.0-161.0	0.0	0.0	633.8	0.00	100.00
161.0-162.0	0.0	0.0	633.8	0.00	100.00
162.0-163.0	0.0	0.0	633.8	0.00	100.00
163.0-164.0	0.0	0.0	633.8	0.00	100.00
164.0-165.0	0.0	0.0	633.8	0.00	100.00
165.0-166.0	0.0	0.0	633.8	0.00	100.00
166.0-167.0	0.0	0.0	633.8	0.00	100.00
167.0-168.0	0.0	0.0	633.8	0.00	100.00
168.0-169.0	0.0	0.0	633.8	0.00	100.00
169.0-170.0	0.0	0.0	633.8	0.00	100.00
170.0-171.0	0.0	0.0	633.8	0.00	100.00
171.0-172.0	0.0	0.0	633.8	0.00	100.00
172.0-173.0	0.0	0.0	633.8	0.00	100.00
173.0-174.0	0.0	0.0	633.8	0.00	100.00
174.0-175.0	0.0	0.0	633.8	0.00	100.00
175.0-176.0	0.0	0.0	633.8	0.00	100.00
176.0-177.0	0.0	0.0	633.8	0.00	100.00
177.0-178.0	0.0	0.0	633.8	0.00	100.00
178.0-179.0	0.0	0.0	633.8	0.00	100.00
179.0-180.0	0.0	0.0	633.8	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	1294.1	1288.2	1294.1	1288.2	1294.1					
G1.0	1288.5	1294.8	1295.3	1278.4	1288.5					
G2.0	1279.1	1296.8	1292.7	1265.6	1279.1					
G3.0	1264.1	1294.9	1285.0	1246.8	1264.1					
G4.0	1246.1	1288.8	1273.6	1225.9	1246.1					
G5.0	1225.1	1279.0	1258.6	1202.5	1225.1					
G6.0	1196.7	1262.6	1236.7	1171.5	1196.7					
G7.0	1167.9	1243.8	1212.4	1141.2	1167.9					
G8.0	1132.3	1217.1	1182.8	1102.8	1132.3					
G9.0	1094.7	1189.7	1150.7	1064.3	1094.7					
G10.0	1055.8	1158.6	1114.7	1025.2	1055.8					
G11.0	1008.1	1118.3	1071.7	977.7	1008.1					
G12.0	963.8	1077.5	1031.2	931.8	963.8					
G13.0	915.1	1035.3	985.9	884.0	915.1					
G14.0	862.1	983.3	935.9	832.0	862.1					
G15.0	809.9	935.1	886.0	781.0	809.9					
G16.0	754.0	877.3	832.0	727.0	754.0					
G17.0	700.0	824.8	779.0	675.2	700.0					
G18.0	648.6	769.0	725.7	623.5	648.6					
G19.0	590.8	710.4	669.2	570.6	590.8					
G20.0	542.0	654.8	616.1	521.5	542.0					
G21.0	493.1	603.0	564.5	474.6	493.1					
G22.0	445.0	548.2	513.2	428.6	445.0					
G23.0	401.9	498.3	467.0	387.8	401.9					
G24.0	360.6	447.4	422.5	348.7	360.6					
G25.0	324.7	405.0	382.5	314.6	324.7					
G26.0	293.2	364.2	343.5	282.5	293.2					
G27.0	257.6	323.2	303.3	251.3	257.6					
G28.0	227.9	289.6	267.9	225.4	227.9					
G29.0	203.6	258.9	236.0	203.3	203.6					
G30.0	179.7	230.1	208.2	180.3	179.7					
G31.0	161.4	207.1	185.3	163.1	161.4					
G32.0	143.4	184.0	163.5	145.8	143.4					
G33.0	129.8	165.1	146.8	131.6	129.8					
G34.0	116.9	148.8	132.4	119.3	116.9					
G35.0	104.9	132.6	117.7	106.2	104.9					
G36.0	94.2	118.8	105.9	95.9	94.2					

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	84.8	107.1	95.5	86.8	84.8					
G38.0	75.7	95.1	85.5	77.5	75.7					
G39.0	68.0	85.8	76.8	70.1	68.0					
G40.0	60.9	76.1	68.4	62.6	60.9					
G41.0	54.7	68.3	61.6	56.7	54.7					
G42.0	48.8	60.5	55.0	50.8	48.8					
G43.0	42.4	52.7	48.4	44.6	42.4					
G44.0	36.8	45.9	42.6	39.8	36.8					
G45.0	31.3	39.8	36.9	34.3	31.3					
G46.0	26.0	33.5	31.7	29.5	26.0					
G47.0	21.7	27.9	27.1	25.2	21.7					
G48.0	17.9	23.1	22.5	21.0	17.9					
G49.0	15.1	19.1	18.8	17.3	15.1					
G50.0	13.0	16.0	16.0	14.5	13.0					
G51.0	11.0	13.0	13.3	12.0	11.0					
G52.0	9.5	11.0	11.4	10.2	9.5					
G53.0	7.9	9.0	9.3	8.4	7.9					
G54.0	6.5	7.5	7.8	7.0	6.5					
G55.0	5.4	6.2	6.4	5.8	5.4					
G56.0	4.4	5.2	5.2	4.7	4.4					
G57.0	3.9	4.4	4.3	4.1	3.9					
G58.0	3.5	4.0	3.7	3.8	3.5					
G59.0	3.4	3.7	3.2	3.6	3.4					
G60.0	3.4	3.5	3.3	3.5	3.4					
G61.0	3.4	3.5	3.3	3.4	3.4					
G62.0	3.4	3.4	3.3	3.4	3.4					
G63.0	3.4	3.4	3.3	3.4	3.4					
G64.0	3.4	3.4	3.2	3.4	3.4					
G65.0	3.4	3.4	3.2	3.4	3.4					
G66.0	3.4	3.3	3.2	3.4	3.4					
G67.0	3.3	3.4	3.2	3.4	3.3					
G68.0	3.3	3.4	3.1	3.4	3.3					
G69.0	3.3	3.4	3.1	3.4	3.3					
G70.0	3.4	3.3	3.2	3.4	3.4					
G71.0	3.4	3.4	3.2	3.3	3.4					
G72.0	3.3	3.4	3.2	3.4	3.3					
G73.0	3.3	3.4	3.2	3.4	3.3					

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	3.3	3.4	3.2	3.4	3.3					
G75.0	3.3	3.3	3.2	3.3	3.3					
G76.0	3.3	3.4	3.1	3.3	3.3					
G77.0	3.3	3.4	3.1	3.3	3.3					
G78.0	3.3	3.4	3.1	3.3	3.3					
G79.0	3.3	3.4	3.1	3.3	3.3					
G80.0	3.3	3.4	3.2	3.4	3.3					
G81.0	3.3	3.4	3.2	3.3	3.3					
G82.0	3.4	3.4	3.2	3.3	3.4					
G83.0	3.3	3.3	3.1	3.3	3.3					
G84.0	3.4	3.3	3.2	3.4	3.4					
G85.0	3.3	3.4	3.2	3.3	3.3					
G86.0	3.4	3.4	3.2	3.3	3.4					
G87.0	3.3	3.4	3.1	3.2	3.3					
G88.0	3.3	3.4	3.2	3.3	3.3					
G89.0	3.3	3.4	3.2	3.3	3.3					
G90.0	3.3	3.4	3.0	3.4	3.3					
G91.0	3.4	3.3	3.2	3.4	3.4					
G92.0	3.4	3.3	3.2	3.3	3.4					
G93.0	3.3	3.3	3.1	3.4	3.3					
G94.0	3.3	3.4	3.2	3.3	3.3					
G95.0	3.4	3.4	3.1	3.3	3.4					
G96.0	3.3	3.4	3.2	3.3	3.3					
G97.0	3.2	3.4	3.1	3.3	3.2					
G98.0	3.2	3.4	3.1	3.3	3.2					
G99.0	3.3	3.4	3.1	3.3	3.3					
G100.0	3.3	3.4	3.1	3.3	3.3					
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: