

Report No.:

Test Time: 2025-09-06 15:45

Luminaire Property

Luminaire Manufacturer: NORDECOR
Luminaire Description: 6922
Luminous Width (mm): 45
Current: 0.128 A
Power Factor: 1.000

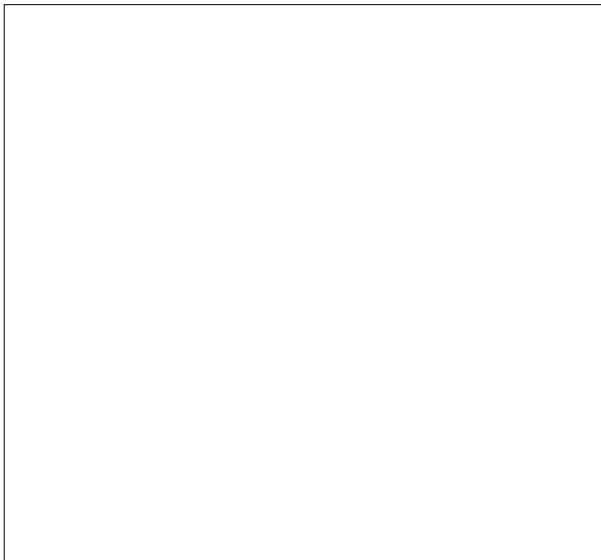
Luminous Length (mm): 45
Voltage: 48.0 V
Power: 6.15 W

Photometric Results

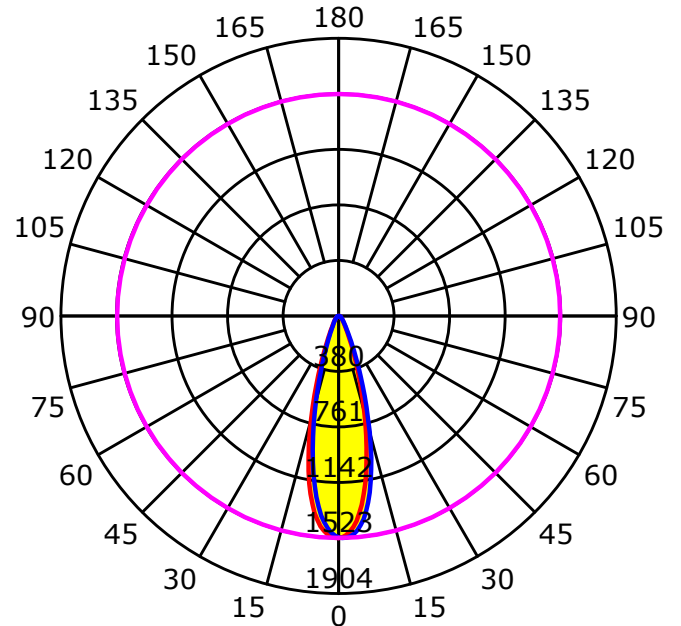
CIE Class: Direct
Measurement Flux: 525.1 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%,80%,100%): H52.8,H28.6,H17.5,H0
Vertical Diffuse Angle(10%,50%,80%,100%): V52.7,V28.7,V17.7,V1
Luminaire Efficacy Rating (LER): 85.44
Max. Intensity: 1523.91 cd
S/MH(C0/C180): 0.48

Total Rated Lamp Lumens: 525.1 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 1523.9 cd
Pos of Max. Intensity: H0 V0
S/MH(C90/C270): 0.48

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 28.7°

— C0-C180 — C90-C270 — 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

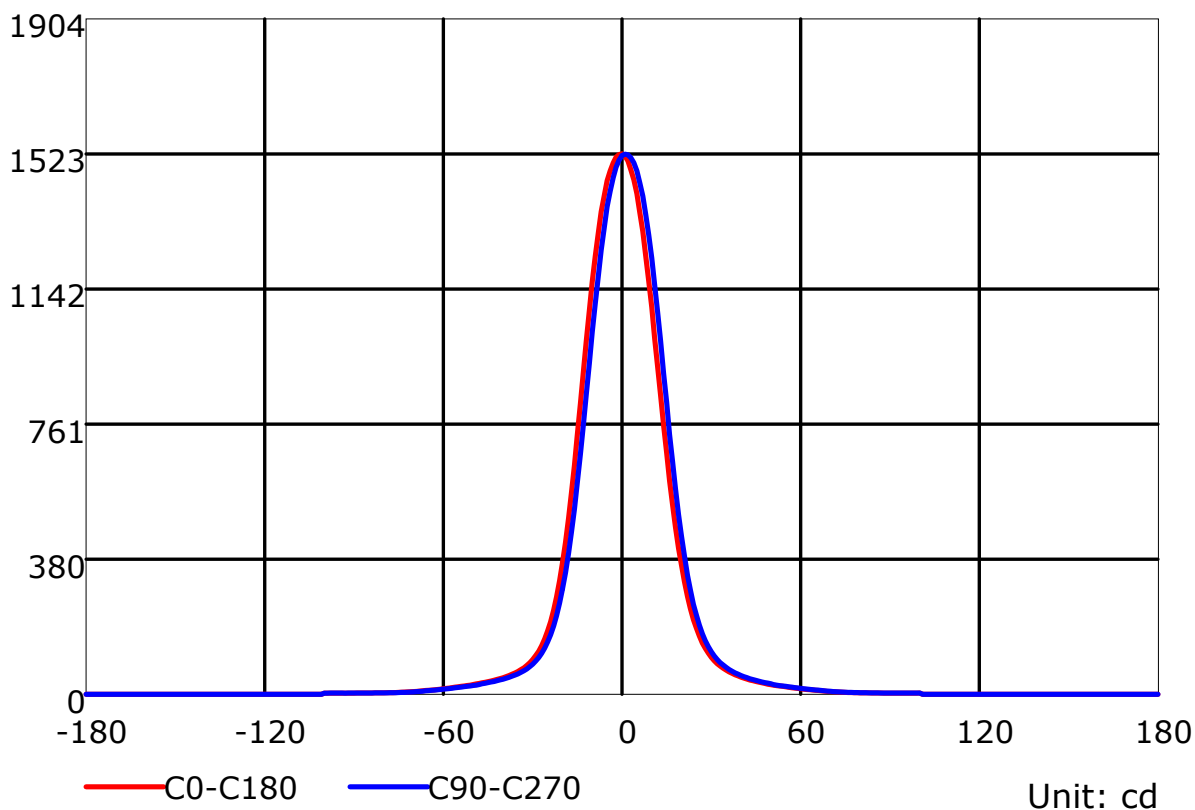
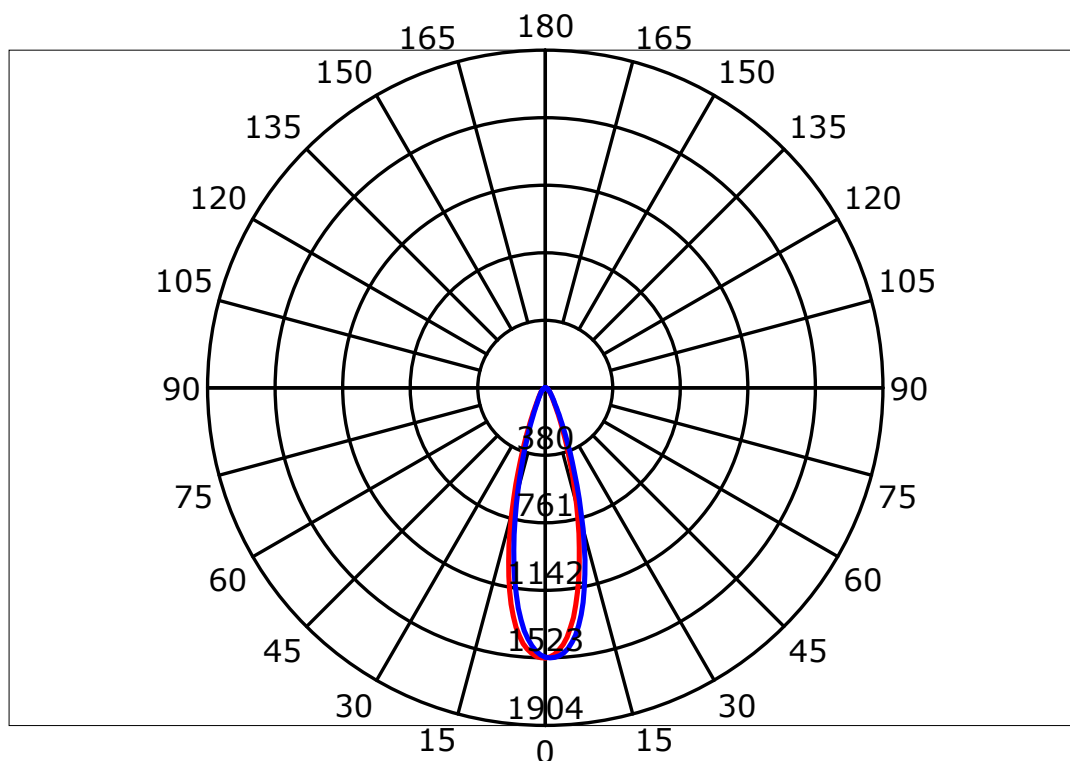
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

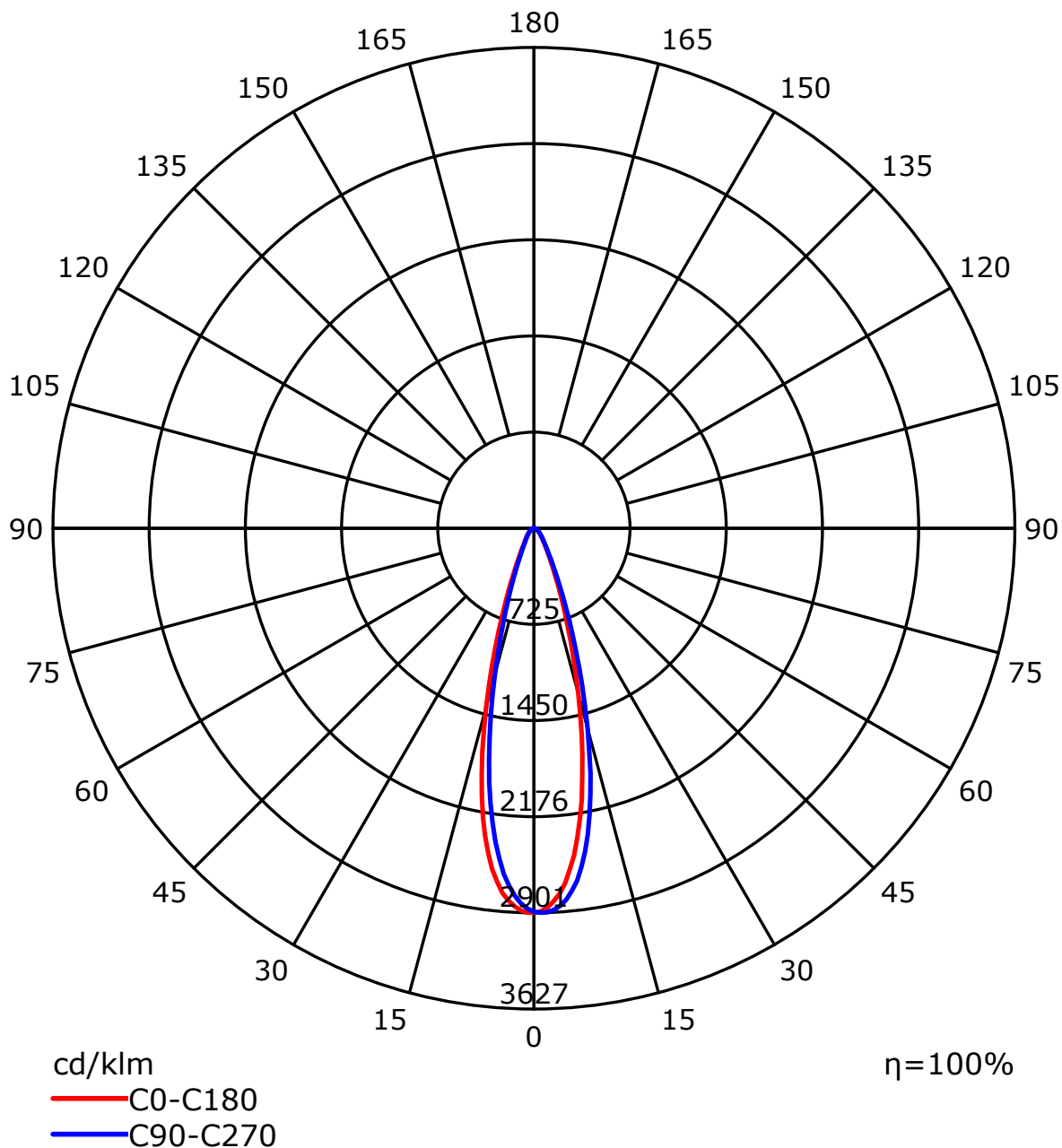
Luminous Intensity Distribution Curve



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)



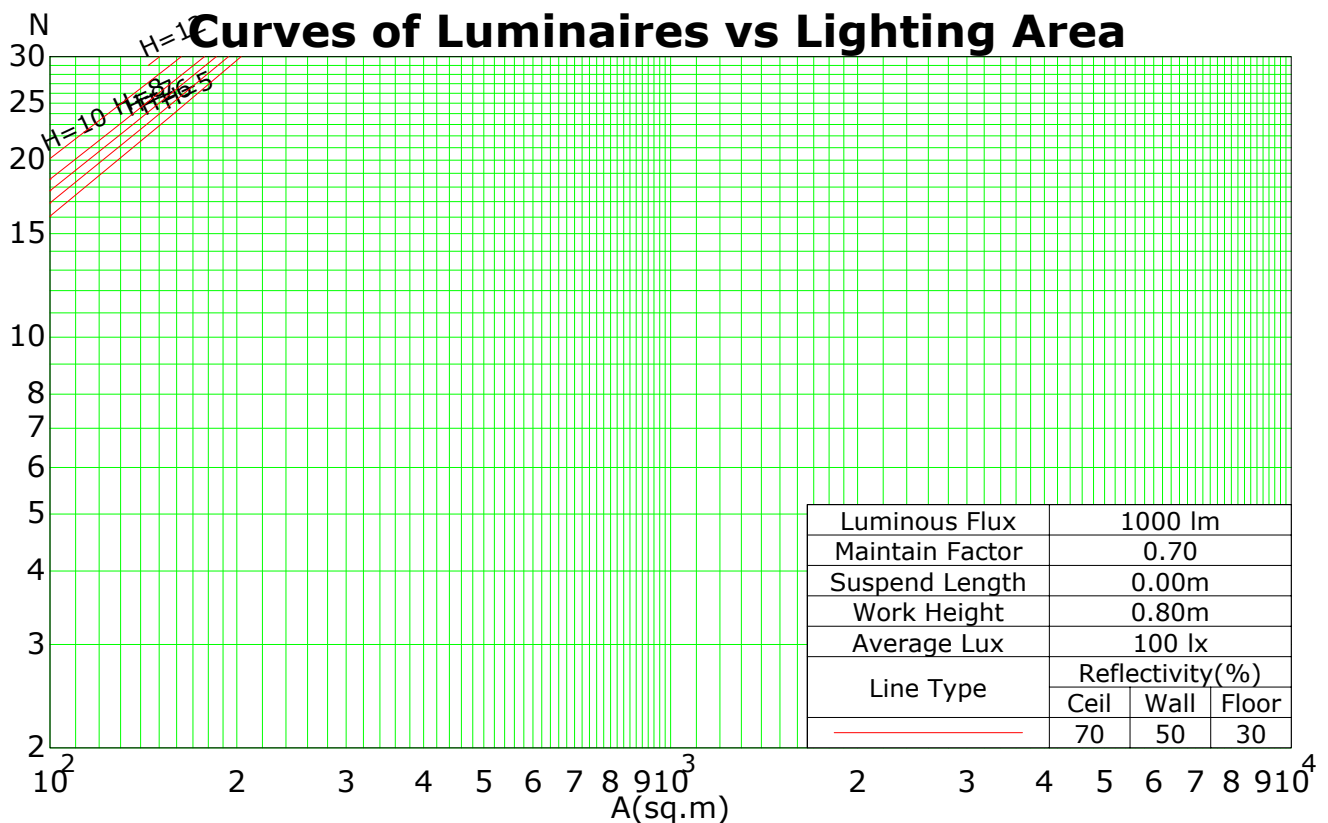
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	113	110	108	106	111	108	106	104	104	102	101	100	99	97	97	95	94	93
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87
3	103	97	92	88	101	96	91	88	93	89	86	90	87	85	88	86	83	82
4	99	92	86	83	97	90	86	82	88	84	81	86	83	80	84	81	79	77
5	95	87	82	78	93	86	81	77	84	80	76	82	79	76	81	78	75	74
6	91	83	77	73	89	82	77	73	80	76	73	79	75	72	78	74	72	70
7	87	79	74	70	86	78	73	70	77	73	69	76	72	69	75	71	68	67
8	84	76	70	67	83	75	70	67	74	70	66	73	69	66	72	68	66	64
9	81	73	68	64	80	72	67	64	71	67	64	70	66	63	70	66	63	62
10	78	70	65	62	77	70	65	61	69	64	61	68	64	61	67	64	61	60

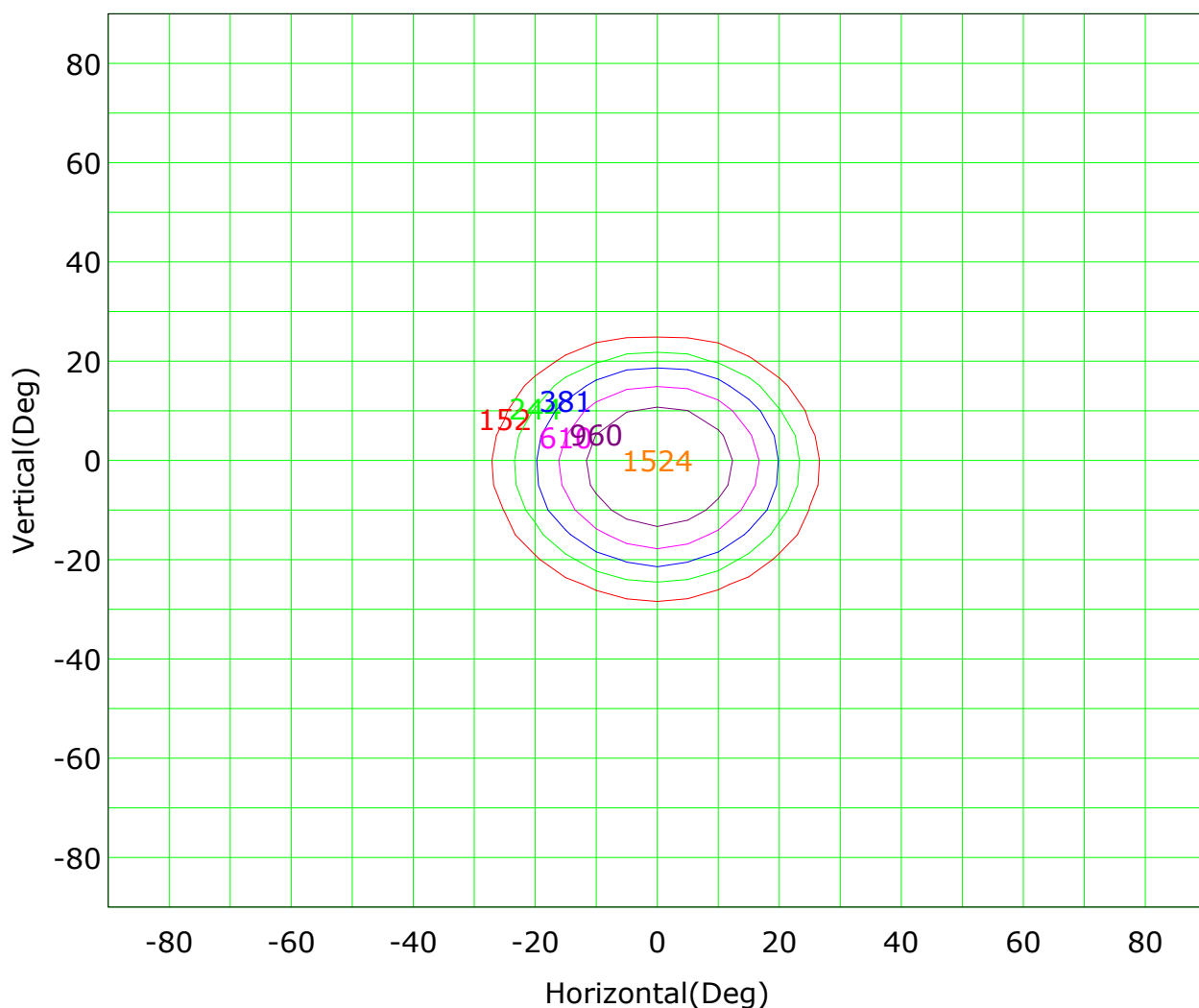
Spacing Criteria (0-180): 0.48
Spacing Criteria (90-270): 0.48
Spacing Criteria (Diagonal): 0.48



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)



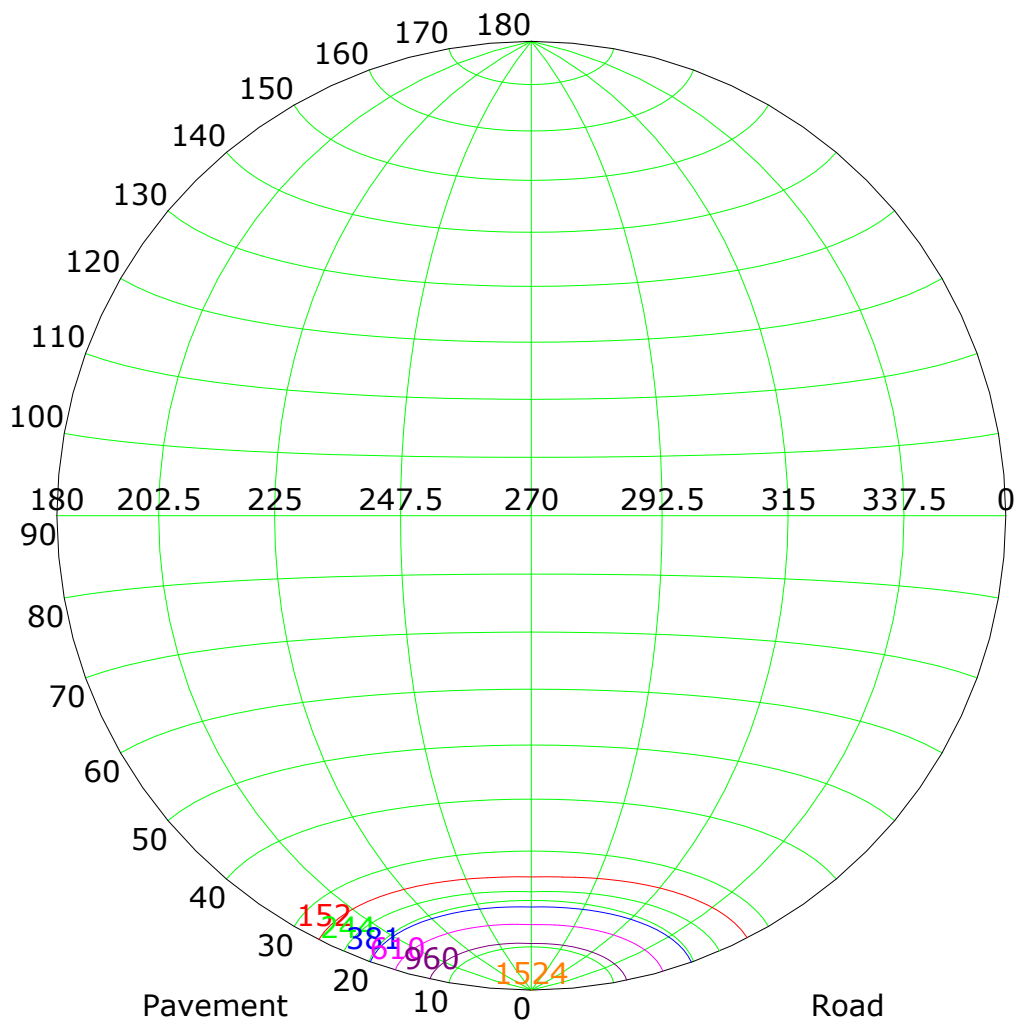
Imax (100%): 1524 cd

(10%): 152 cd	(16%): 244 cd
(25%): 381 cd	(40%): 610 cd
(63%): 960 cd	(100%): 1524 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)



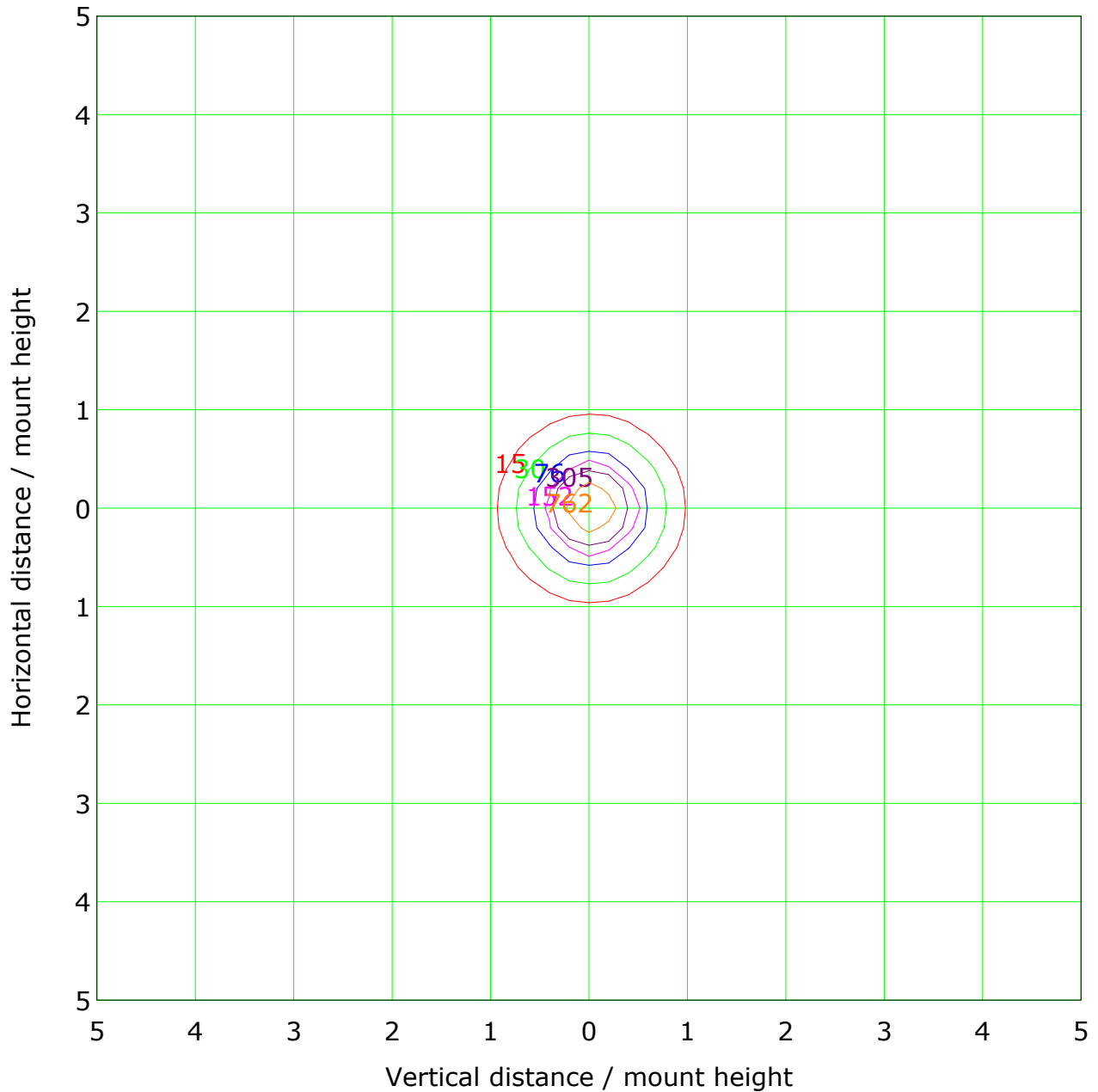
Imax (100%): 1524 cd

(10%): 152 cd	(16%): 244 cd
(25%): 381 cd	(40%): 610 cd
(63%): 960 cd	(100%): 1524 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:

IsoLux Plot



Mounting Height: 1.0m Max Lux(100%): 1523.9 lx

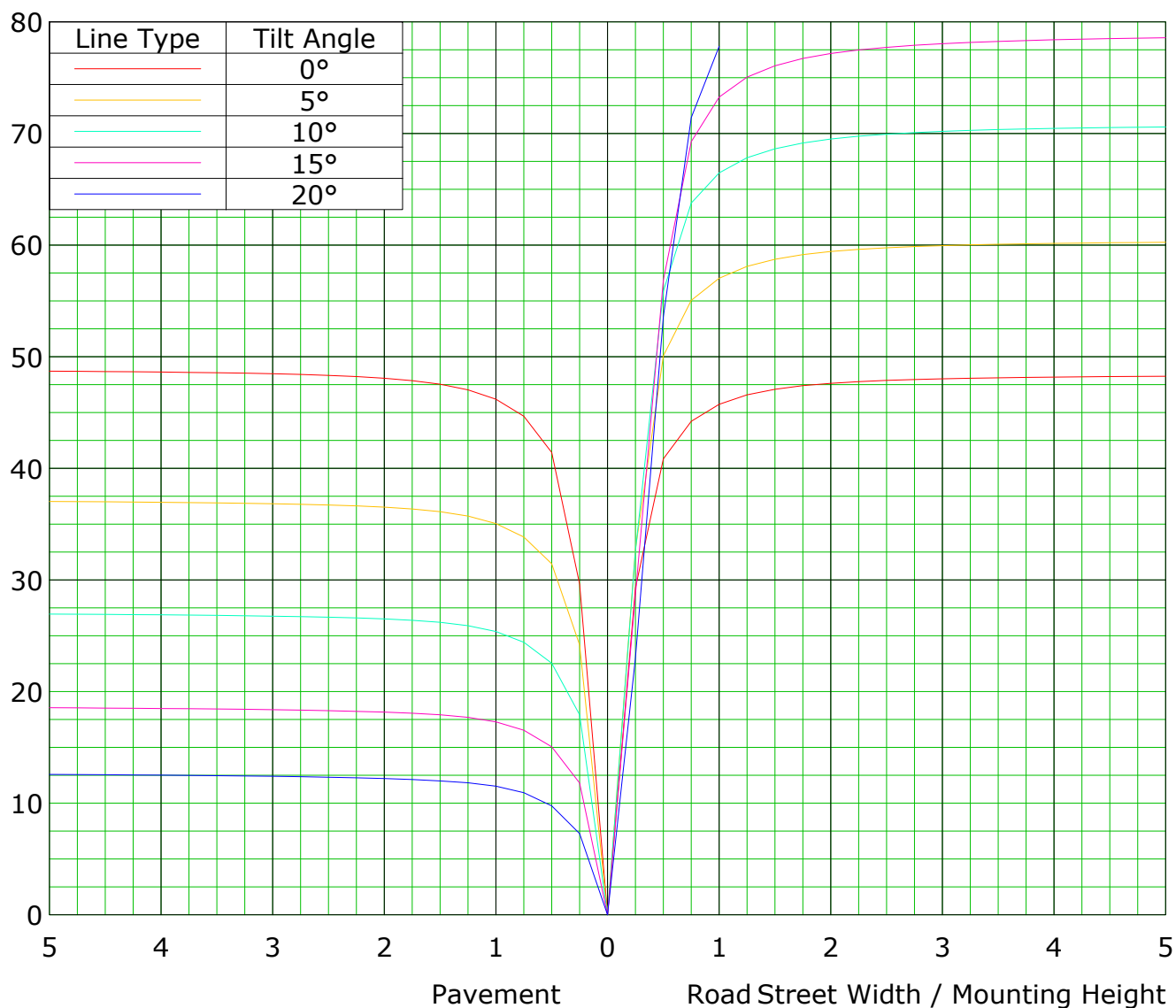
(1%): 15.2 lx	(2%): 30.5 lx
(5%): 76.2 lx	(10%): 152.4 lx
(20%): 304.8 lx	(50%): 762.0 lx
(100%):1523.9 lx	

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(%)

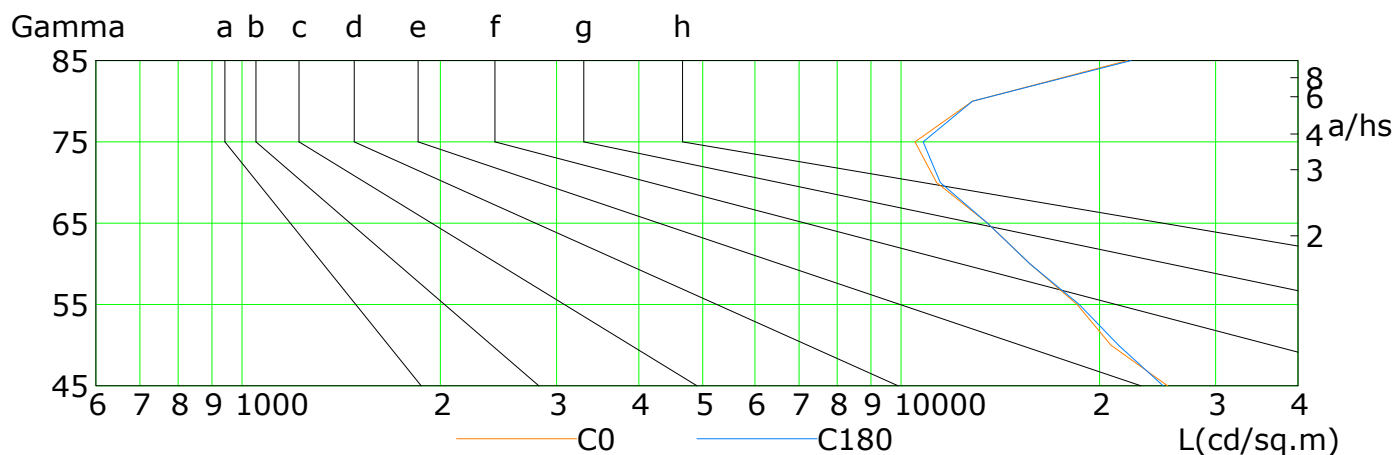
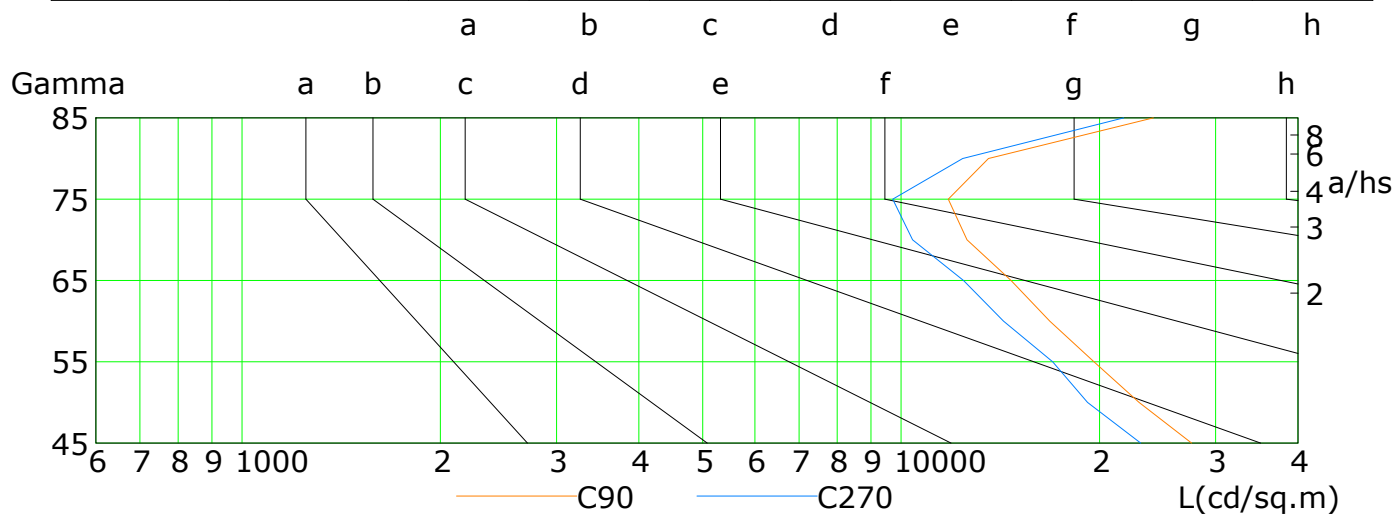


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	25365	20812	18493	15684	13519	11320	10494	12826	22041
C90	27579	22963	19613	16810	14676	12590	11791	13565	24137
C180	24967	21365	18631	15684	13519	11464	10799	12826	22324
C270	23088	19176	16978	14301	12433	10410	9712	12399	21758

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

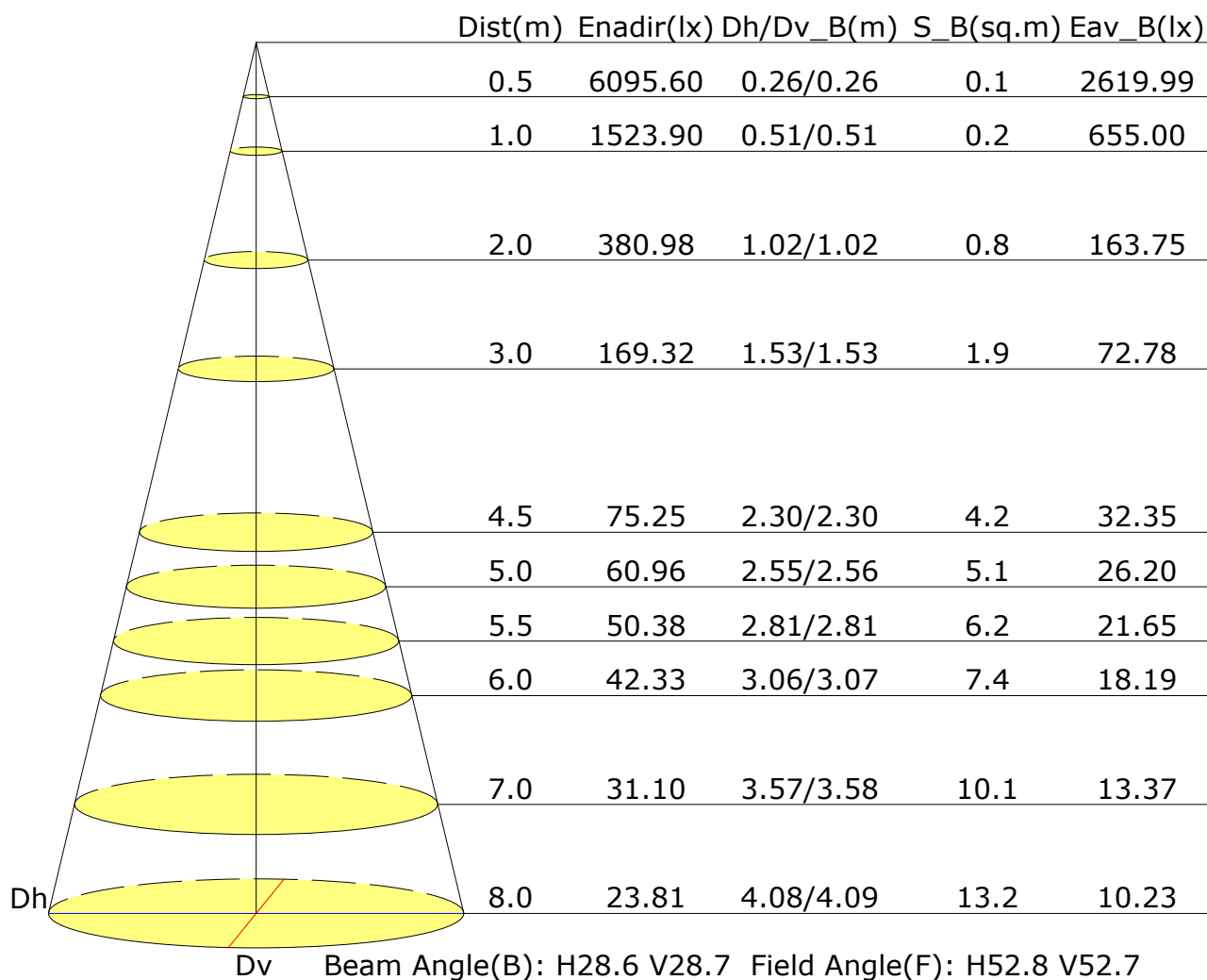
Test Device: GPM-1600L

Distance: 8.443 m

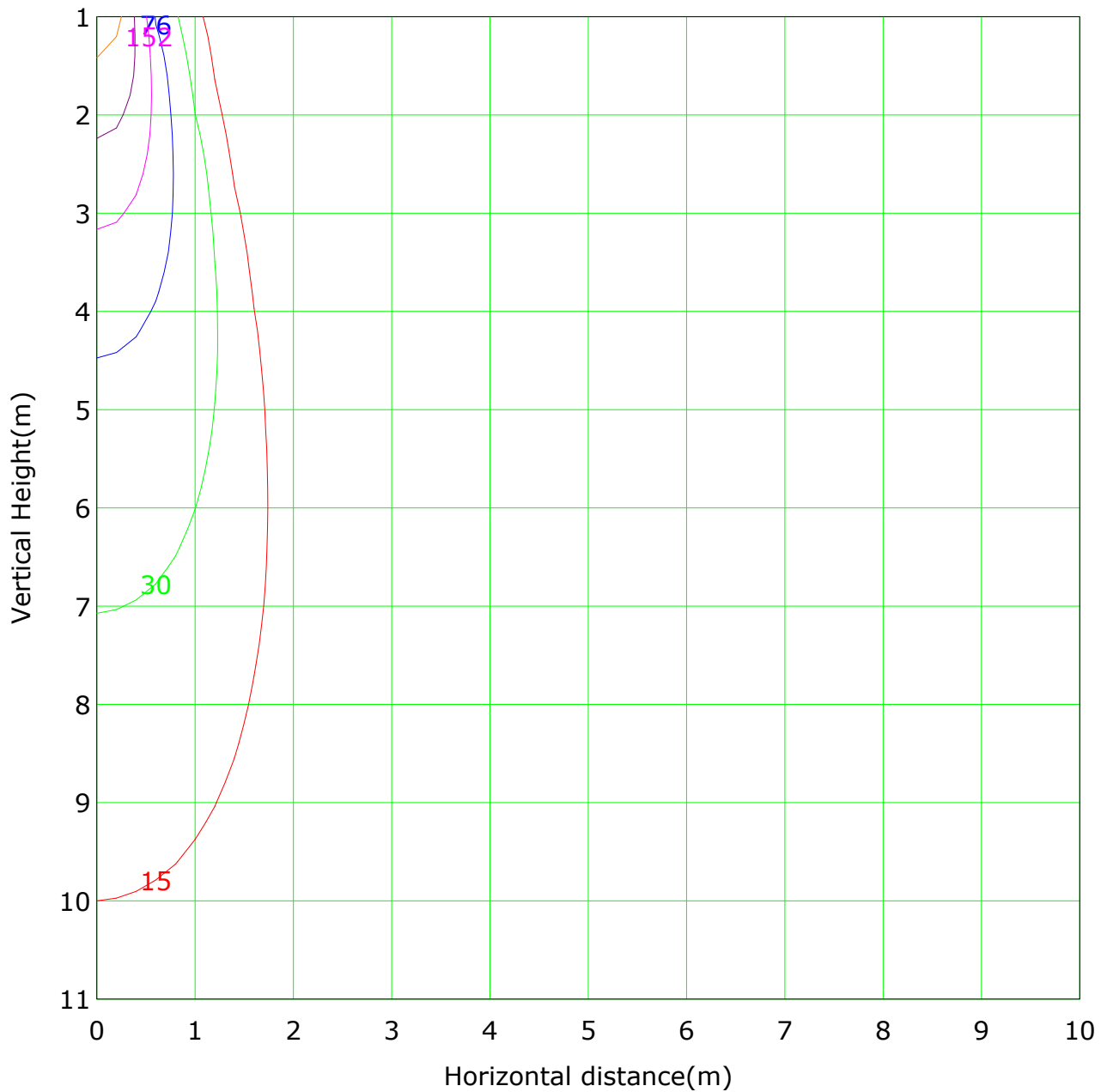
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



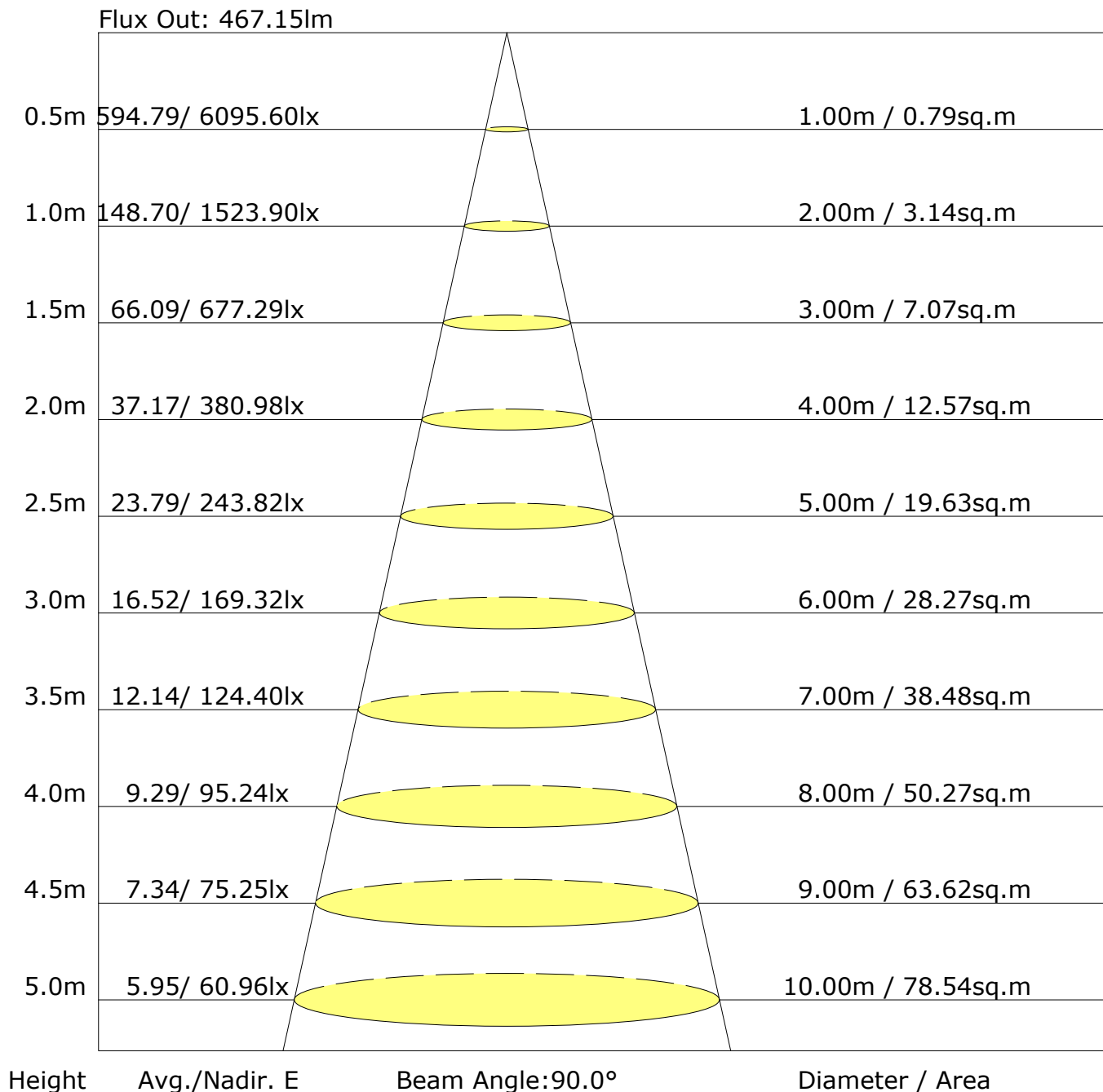
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1523.9 lx
— (1%): 15.2 lx — (2%): 30.5 lx
— (5%): 76.2 lx — (10%): 152.4 lx
— (20%): 304.8 lx — (50%): 762.0 lx
— (100%):1523.9 lx

Unit: lm

[illegible]

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	18.3	19.1	18.6	19.3	19.5	18.3	19.1	18.6	19.3	19.5
3H	19.0	19.8	19.4	20.0	20.3	19.1	19.8	19.4	20.0	20.3
4H	19.4	20.0	19.7	20.3	20.6	19.4	20.1	19.7	20.3	20.6
6H	19.7	20.4	20.1	20.7	21.0	19.8	20.4	20.1	20.7	21.0
8H	20.0	20.6	20.3	20.9	21.2	20.0	20.7	20.4	21.0	21.3
12H	20.3	20.9	20.7	21.3	21.6	20.4	21.0	20.8	21.3	21.7
X=4H Y=2H	18.6	19.3	19.0	19.6	19.9	18.6	19.3	19.0	19.6	19.9
3H	19.6	20.1	19.9	20.5	20.8	19.6	20.2	19.9	20.5	20.8
4H	20.0	20.5	20.4	20.9	21.2	20.0	20.5	20.4	20.9	21.3
6H	20.5	21.0	20.9	21.4	21.8	20.6	21.0	21.0	21.4	21.8
8H	20.9	21.3	21.3	21.7	22.2	21.0	21.4	21.4	21.8	22.2
12H	21.4	21.8	21.8	22.2	22.6	21.5	21.9	21.9	22.3	22.7
X=8H Y=4H	20.2	20.6	20.6	21.0	21.4	20.2	20.6	20.6	21.0	21.4
6H	20.9	21.2	21.4	21.7	22.2	20.9	21.3	21.4	21.7	22.2
8H	21.4	21.7	21.9	22.2	22.7	21.5	21.8	22.0	22.3	22.8
12H	22.1	22.4	22.6	22.9	23.4	22.2	22.5	22.7	23.0	23.5
X=12H Y=4H	20.2	20.6	20.6	21.0	21.4	20.2	20.6	20.7	21.0	21.5
6H	21.0	21.3	21.5	21.8	22.3	21.0	21.3	21.5	21.8	22.3
8H	21.6	21.9	22.1	22.4	22.9	21.7	22.0	22.2	22.4	22.9
Variations with the observer position at spacings:										
S=1.0H	+0.5/-0.5					+0.4/-0.5				
S=1.5H	+1.1/-1.1					+0.7/-1.1				
S=2.0H	+1.9/-1.8					+1.3/-1.8				

Calculate in accordance with CIE Pub.117. The table is revised with 525lm ($8\log(F/F_0) = -2.2$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	259	49.3
	FL (0°-30°)	203	38.6
	FM (30°-60°)	45	8.6
	FH (60°-80°)	9	1.7
	FVH (80°-90°)	2	0.4
	BACK LIGHT	262	49.9
	BL (0°-30°)	206	39.3
	BM (30°-60°)	45	8.5
	BH (60°-80°)	9	1.7
	BVH (80°-90°)	2	0.4
	UP LIGHT	4	0.8
	UL (90°-100°)	4	0.7
	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

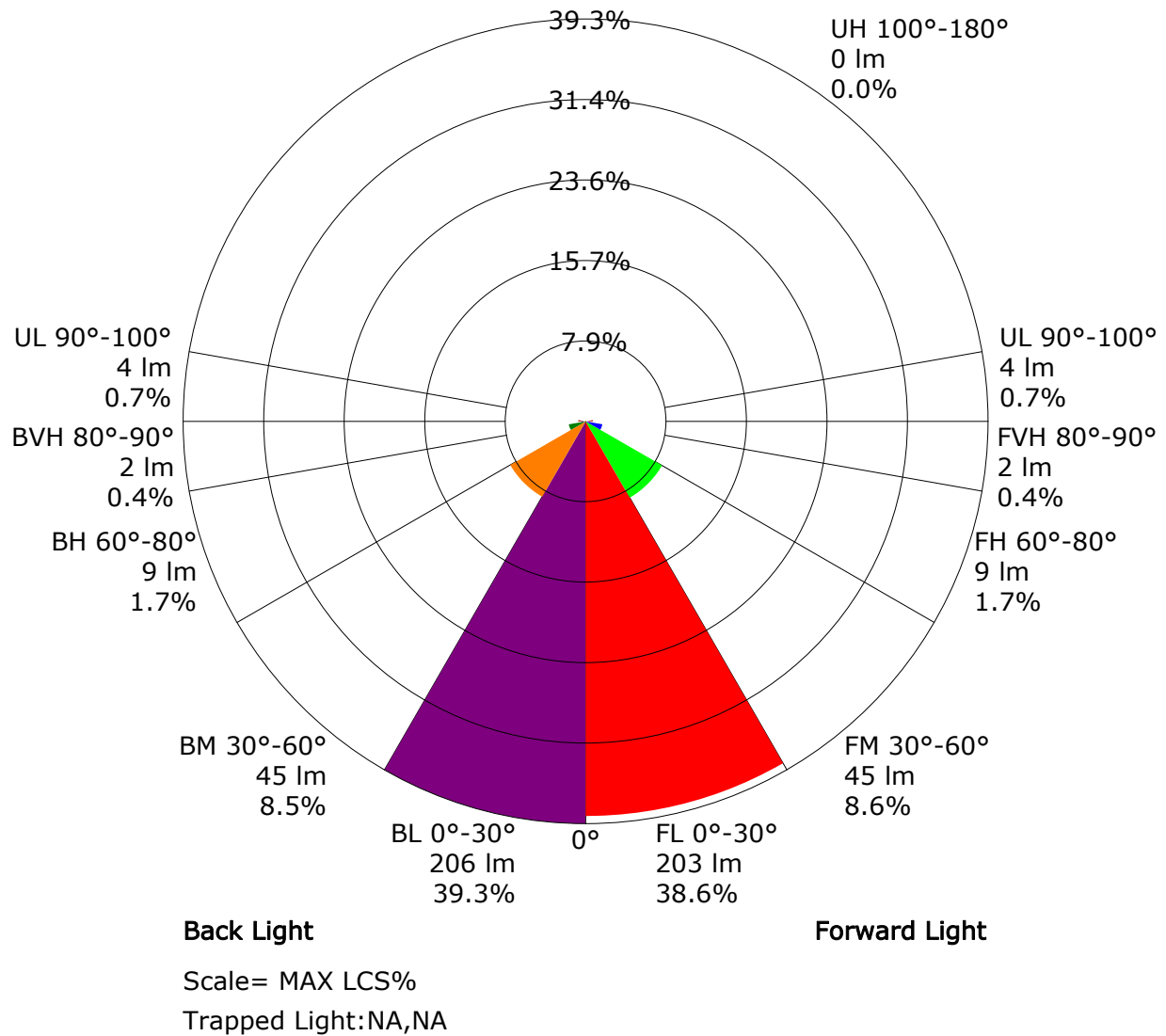
Test Device: GPM-1600L

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	0.89	0.94	0.98	1.01	1.04	1.07	1.08	1.10	1.12	
	0.30		0.85	0.90	0.94	0.97	1.01	1.04	1.05	1.08	1.10	
	0.20		0.82	0.87	0.91	0.94	0.98	1.01	1.03	1.06	1.08	
0.50	0.50	0.20	0.88	0.93	0.96	0.98	1.01	1.03	1.05	1.07	1.08	
	0.30		0.84	0.89	0.92	0.95	0.98	1.01	1.02	1.05	1.06	
	0.20		0.82	0.86	0.90	0.92	0.96	0.99	1.00	1.03	1.05	
0.30	0.50	0.20	0.87	0.91	0.94	0.96	0.98	1.00	1.01	1.03	1.04	
	0.30		0.84	0.88	0.91	0.93	0.96	0.98	1.00	1.01	1.03	
	0.20		0.81	0.86	0.89	0.91	0.94	0.96	0.98	1.00	1.01	
0.00	0.00	0.00	0.80	0.84	0.86	0.88	0.91	0.93	0.94	0.96	0.97	
Rating:6W 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	0.44	0.38	0.33	0.26	0.22	0.19	0.15	0.12	
	0.30		0.44	0.38	0.33	0.29	0.24	0.20	0.17	0.14	0.12	
	0.20		0.38	0.33	0.29	0.26	0.22	0.19	0.16	0.13	0.11	
0.50	0.50	0.20	0.51	0.41	0.35	0.31	0.24	0.24	0.17	0.13	0.11	
	0.30		0.43	0.36	0.31	0.27	0.22	0.19	0.16	0.13	0.11	
	0.20		0.37	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	0.33	0.28	0.22	0.19	0.16	0.12	0.10	
	0.30		0.41	0.34	0.29	0.26	0.21	0.17	0.15	0.12	0.10	
	0.20		0.36	0.31	0.27	0.24	0.19	0.16	0.14	0.11	0.09	
0.00	0.00	0.00	0.22	0.18	0.15	0.13	0.10	0.09	0.07	0.06	0.05	
Rating:6W 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	0.19	0.20	0.20	0.21	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.20	
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	
0.50	0.50	0.20	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	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	0.18	
0.30	0.50	0.20	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	
	0.30		0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.07	0.09	0.10	0.12	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:6W 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	1519.9	1.5	1.5	0.28	0.28
1.0-2.0	1512.6	4.3	5.8	0.83	1.10
2.0-3.0	1497.4	7.2	13.0	1.36	2.47
3.0-4.0	1474.6	9.9	22.8	1.88	4.35
4.0-5.0	1444.9	12.4	35.3	2.37	6.72
5.0-6.0	1404.7	14.8	50.0	2.81	9.53
6.0-7.0	1356.3	16.8	66.9	3.21	12.73
7.0-8.0	1299.8	18.6	85.5	3.54	16.28
8.0-9.0	1233.9	20.0	105.5	3.81	20.08
9.0-10.0	1163.4	21.1	126.5	4.01	24.09
10.0-11.0	1085.2	21.7	148.2	4.13	28.22
11.0-12.0	1002.1	21.9	170.1	4.17	32.40
12.0-13.0	919.7	21.8	191.9	4.16	36.55
13.0-14.0	834.1	21.4	213.3	4.07	40.62
14.0-15.0	749.3	20.6	233.9	3.92	44.54
15.0-16.0	667.6	19.6	253.4	3.73	48.26
16.0-17.0	590.1	18.4	271.8	3.50	51.76
17.0-18.0	520.2	17.2	289.0	3.27	55.03
18.0-19.0	454.6	15.8	304.8	3.01	58.04
19.0-20.0	395.9	14.5	319.3	2.76	60.80
20.0-21.0	345.4	13.3	332.5	2.53	63.33
21.0-22.0	299.5	12.0	344.6	2.29	65.62
22.0-23.0	259.6	10.9	355.5	2.07	67.69
23.0-24.0	225.6	9.9	365.3	1.88	69.57
24.0-25.0	196.7	8.9	374.3	1.70	71.28
25.0-26.0	173.0	8.2	382.5	1.56	72.83
26.0-27.0	152.1	7.4	389.9	1.42	74.25
27.0-28.0	134.5	6.8	396.7	1.30	75.55
28.0-29.0	120.3	6.3	403.0	1.20	76.75
29.0-30.0	107.9	5.8	408.8	1.11	77.85
30.0-31.0	97.3	5.4	414.3	1.03	78.89
31.0-32.0	88.6	5.1	419.3	0.97	79.85
32.0-33.0	81.1	4.8	424.1	0.91	80.76
33.0-34.0	74.9	4.5	428.6	0.86	81.63
34.0-35.0	69.3	4.3	432.9	0.82	82.45
35.0-36.0	64.3	4.1	437.0	0.78	83.23

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	60.1	3.9	441.0	0.75	83.97
37.0-38.0	56.2	3.8	444.7	0.71	84.69
38.0-39.0	52.6	3.6	448.3	0.68	85.37
39.0-40.0	49.4	3.4	451.8	0.66	86.03
40.0-41.0	46.5	3.3	455.1	0.63	86.66
41.0-42.0	43.9	3.2	458.3	0.61	87.27
42.0-43.0	41.5	3.1	461.3	0.59	87.85
43.0-44.0	39.2	3.0	464.3	0.56	88.42
44.0-45.0	37.2	2.9	467.2	0.54	88.96
45.0-46.0	35.2	2.8	469.9	0.52	89.48
46.0-47.0	33.4	2.7	472.6	0.51	89.99
47.0-48.0	31.6	2.6	475.1	0.49	90.48
48.0-49.0	29.8	2.4	477.6	0.47	90.94
49.0-50.0	28.2	2.4	479.9	0.45	91.39
50.0-51.0	26.6	2.3	482.2	0.43	91.82
51.0-52.0	25.2	2.2	484.3	0.41	92.23
52.0-53.0	24.0	2.1	486.4	0.40	92.63
53.0-54.0	22.9	2.0	488.4	0.38	93.01
54.0-55.0	21.9	2.0	490.4	0.37	93.39
55.0-56.0	20.8	1.9	492.3	0.36	93.74
56.0-57.0	19.6	1.8	494.1	0.34	94.08
57.0-58.0	18.4	1.7	495.8	0.32	94.41
58.0-59.0	17.4	1.6	497.4	0.31	94.72
59.0-60.0	16.3	1.5	498.9	0.29	95.01
60.0-61.0	15.3	1.5	500.4	0.28	95.29
61.0-62.0	14.4	1.4	501.8	0.26	95.55
62.0-63.0	13.5	1.3	503.1	0.25	95.80
63.0-64.0	12.7	1.2	504.3	0.24	96.04
64.0-65.0	11.9	1.2	505.5	0.22	96.27
65.0-66.0	11.2	1.1	506.6	0.21	96.48
66.0-67.0	10.5	1.1	507.7	0.20	96.68
67.0-68.0	9.7	1.0	508.7	0.19	96.87
68.0-69.0	8.9	0.9	509.6	0.17	97.04
69.0-70.0	8.2	0.8	510.4	0.16	97.20
70.0-71.0	7.7	0.8	511.2	0.15	97.35
71.0-72.0	7.1	0.7	512.0	0.14	97.49

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	6.7	0.7	512.7	0.13	97.63
73.0-74.0	6.3	0.7	513.3	0.13	97.75
74.0-75.0	5.8	0.6	513.9	0.12	97.87
75.0-76.0	5.5	0.6	514.5	0.11	97.98
76.0-77.0	5.2	0.6	515.1	0.10	98.08
77.0-78.0	4.9	0.5	515.6	0.10	98.18
78.0-79.0	4.8	0.5	516.1	0.10	98.28
79.0-80.0	4.6	0.5	516.6	0.09	98.38
80.0-81.0	4.5	0.5	517.1	0.09	98.47
81.0-82.0	4.4	0.5	517.6	0.09	98.56
82.0-83.0	4.3	0.5	518.0	0.09	98.65
83.0-84.0	4.1	0.5	518.5	0.09	98.73
84.0-85.0	4.0	0.4	518.9	0.08	98.82
85.0-86.0	3.9	0.4	519.3	0.08	98.90
86.0-87.0	3.9	0.4	519.8	0.08	98.98
87.0-88.0	3.8	0.4	520.2	0.08	99.06
88.0-89.0	3.7	0.4	520.6	0.08	99.14
89.0-90.0	3.7	0.4	521.0	0.08	99.21
90.0-91.0	3.6	0.4	521.4	0.08	99.29
91.0-92.0	3.6	0.4	521.8	0.07	99.36
92.0-93.0	3.6	0.4	522.2	0.07	99.44
93.0-94.0	3.6	0.4	522.6	0.07	99.51
94.0-95.0	3.6	0.4	523.0	0.08	99.59
95.0-96.0	3.6	0.4	523.4	0.07	99.66
96.0-97.0	3.6	0.4	523.7	0.08	99.74
97.0-98.0	3.6	0.4	524.1	0.08	99.81
98.0-99.0	3.6	0.4	524.5	0.07	99.89
99.0-100.0	3.6	0.4	524.9	0.07	99.96
100.0-101.0	1.8	0.2	525.1	0.04	100.00
101.0-102.0	0.0	0.0	525.1	0.00	100.00
102.0-103.0	0.0	0.0	525.1	0.00	100.00
103.0-104.0	0.0	0.0	525.1	0.00	100.00
104.0-105.0	0.0	0.0	525.1	0.00	100.00
105.0-106.0	0.0	0.0	525.1	0.00	100.00
106.0-107.0	0.0	0.0	525.1	0.00	100.00
107.0-108.0	0.0	0.0	525.1	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	525.1	0.00	100.00
109.0-110.0	0.0	0.0	525.1	0.00	100.00
110.0-111.0	0.0	0.0	525.1	0.00	100.00
111.0-112.0	0.0	0.0	525.1	0.00	100.00
112.0-113.0	0.0	0.0	525.1	0.00	100.00
113.0-114.0	0.0	0.0	525.1	0.00	100.00
114.0-115.0	0.0	0.0	525.1	0.00	100.00
115.0-116.0	0.0	0.0	525.1	0.00	100.00
116.0-117.0	0.0	0.0	525.1	0.00	100.00
117.0-118.0	0.0	0.0	525.1	0.00	100.00
118.0-119.0	0.0	0.0	525.1	0.00	100.00
119.0-120.0	0.0	0.0	525.1	0.00	100.00
120.0-121.0	0.0	0.0	525.1	0.00	100.00
121.0-122.0	0.0	0.0	525.1	0.00	100.00
122.0-123.0	0.0	0.0	525.1	0.00	100.00
123.0-124.0	0.0	0.0	525.1	0.00	100.00
124.0-125.0	0.0	0.0	525.1	0.00	100.00
125.0-126.0	0.0	0.0	525.1	0.00	100.00
126.0-127.0	0.0	0.0	525.1	0.00	100.00
127.0-128.0	0.0	0.0	525.1	0.00	100.00
128.0-129.0	0.0	0.0	525.1	0.00	100.00
129.0-130.0	0.0	0.0	525.1	0.00	100.00
130.0-131.0	0.0	0.0	525.1	0.00	100.00
131.0-132.0	0.0	0.0	525.1	0.00	100.00
132.0-133.0	0.0	0.0	525.1	0.00	100.00
133.0-134.0	0.0	0.0	525.1	0.00	100.00
134.0-135.0	0.0	0.0	525.1	0.00	100.00
135.0-136.0	0.0	0.0	525.1	0.00	100.00
136.0-137.0	0.0	0.0	525.1	0.00	100.00
137.0-138.0	0.0	0.0	525.1	0.00	100.00
138.0-139.0	0.0	0.0	525.1	0.00	100.00
139.0-140.0	0.0	0.0	525.1	0.00	100.00
140.0-141.0	0.0	0.0	525.1	0.00	100.00
141.0-142.0	0.0	0.0	525.1	0.00	100.00
142.0-143.0	0.0	0.0	525.1	0.00	100.00
143.0-144.0	0.0	0.0	525.1	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	525.1	0.00	100.00
145.0-146.0	0.0	0.0	525.1	0.00	100.00
146.0-147.0	0.0	0.0	525.1	0.00	100.00
147.0-148.0	0.0	0.0	525.1	0.00	100.00
148.0-149.0	0.0	0.0	525.1	0.00	100.00
149.0-150.0	0.0	0.0	525.1	0.00	100.00
150.0-151.0	0.0	0.0	525.1	0.00	100.00
151.0-152.0	0.0	0.0	525.1	0.00	100.00
152.0-153.0	0.0	0.0	525.1	0.00	100.00
153.0-154.0	0.0	0.0	525.1	0.00	100.00
154.0-155.0	0.0	0.0	525.1	0.00	100.00
155.0-156.0	0.0	0.0	525.1	0.00	100.00
156.0-157.0	0.0	0.0	525.1	0.00	100.00
157.0-158.0	0.0	0.0	525.1	0.00	100.00
158.0-159.0	0.0	0.0	525.1	0.00	100.00
159.0-160.0	0.0	0.0	525.1	0.00	100.00
160.0-161.0	0.0	0.0	525.1	0.00	100.00
161.0-162.0	0.0	0.0	525.1	0.00	100.00
162.0-163.0	0.0	0.0	525.1	0.00	100.00
163.0-164.0	0.0	0.0	525.1	0.00	100.00
164.0-165.0	0.0	0.0	525.1	0.00	100.00
165.0-166.0	0.0	0.0	525.1	0.00	100.00
166.0-167.0	0.0	0.0	525.1	0.00	100.00
167.0-168.0	0.0	0.0	525.1	0.00	100.00
168.0-169.0	0.0	0.0	525.1	0.00	100.00
169.0-170.0	0.0	0.0	525.1	0.00	100.00
170.0-171.0	0.0	0.0	525.1	0.00	100.00
171.0-172.0	0.0	0.0	525.1	0.00	100.00
172.0-173.0	0.0	0.0	525.1	0.00	100.00
173.0-174.0	0.0	0.0	525.1	0.00	100.00
174.0-175.0	0.0	0.0	525.1	0.00	100.00
175.0-176.0	0.0	0.0	525.1	0.00	100.00
176.0-177.0	0.0	0.0	525.1	0.00	100.00
177.0-178.0	0.0	0.0	525.1	0.00	100.00
178.0-179.0	0.0	0.0	525.1	0.00	100.00
179.0-180.0	0.0	0.0	525.1	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	1523.9	1519.8	1523.9	1519.8	1523.9					
G1.0	1518.1	1523.5	1522.9	1507.0	1518.1					
G2.0	1504.7	1522.1	1515.0	1487.3	1504.7					
G3.0	1479.9	1513.9	1498.9	1457.2	1479.9					
G4.0	1451.5	1499.4	1476.4	1419.1	1451.5					
G5.0	1412.3	1476.4	1448.6	1375.6	1412.3					
G6.0	1359.4	1442.9	1406.5	1316.0	1359.4					
G7.0	1305.7	1405.6	1361.4	1253.2	1305.7					
G8.0	1237.1	1354.0	1301.4	1179.6	1237.1					
G9.0	1165.1	1295.9	1236.0	1102.4	1165.1					
G10.0	1091.8	1230.2	1164.1	1021.8	1091.8					
G11.0	1003.7	1154.3	1082.5	933.1	1003.7					
G12.0	922.2	1076.0	997.8	847.1	922.2					
G13.0	843.5	997.3	911.7	761.9	843.5					
G14.0	758.0	904.2	819.3	676.9	758.0					
G15.0	680.7	823.6	733.1	598.4	680.7					
G16.0	602.9	732.6	646.5	523.1	602.9					
G17.0	534.4	656.3	568.2	456.9	534.4					
G18.0	471.7	580.3	496.4	397.4	471.7					
G19.0	412.2	507.4	428.5	342.7	412.2					
G20.0	363.7	444.7	370.7	297.1	363.7					
G21.0	318.2	390.8	320.5	257.3	318.2					
G22.0	276.6	336.2	274.8	221.9	276.6					
G23.0	242.0	294.9	237.7	193.1	242.0					
G24.0	210.9	253.8	204.9	167.9	210.9					
G25.0	186.7	223.2	178.5	147.7	186.7					
G26.0	165.1	195.5	156.6	130.7	165.1					
G27.0	144.9	171.0	137.1	115.7	144.9					
G28.0	130.0	151.4	121.8	103.8	130.0					
G29.0	116.9	134.9	109.5	94.1	116.9					
G30.0	104.7	120.2	98.0	84.9	104.7					
G31.0	95.2	108.6	89.0	78.2	95.2					
G32.0	86.6	98.2	81.3	71.6	86.6					
G33.0	79.9	89.7	74.9	66.5	79.9					
G34.0	73.8	82.7	69.7	62.0	73.8					
G35.0	68.2	76.0	64.4	57.7	68.2					
G36.0	63.5	70.3	60.4	54.3	63.5					

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	59.5	65.3	56.6	51.2	59.5					
G38.0	55.3	60.7	52.9	48.0	55.3					
G39.0	51.9	57.0	49.9	45.4	51.9					
G40.0	48.6	53.1	46.9	42.9	48.6					
G41.0	45.8	50.0	44.4	40.6	45.8					
G42.0	43.2	47.1	42.0	38.5	43.2					
G43.0	40.5	44.2	39.8	36.5	40.5					
G44.0	38.5	41.7	37.7	34.8	38.5					
G45.0	36.3	39.5	35.8	33.1	36.3					
G46.0	34.4	37.2	34.1	31.5	34.4					
G47.0	32.7	35.1	32.5	29.9	32.7					
G48.0	30.8	33.3	30.8	27.9	30.8					
G49.0	28.7	31.6	29.4	26.1	28.7					
G50.0	27.1	29.9	27.8	25.0	27.1					
G51.0	25.7	27.5	26.0	23.8	25.7					
G52.0	24.6	26.0	24.9	22.7	24.6					
G53.0	23.5	24.7	23.6	21.9	23.5					
G54.0	22.6	23.7	22.7	20.8	22.6					
G55.0	21.5	22.8	21.6	19.7	21.5					
G56.0	20.0	21.6	20.5	18.5	20.0					
G57.0	18.9	20.5	19.2	17.4	18.9					
G58.0	17.9	19.3	18.0	16.5	17.9					
G59.0	16.8	18.1	16.8	15.5	16.8					
G60.0	15.9	17.0	15.9	14.5	15.9					
G61.0	14.8	16.0	14.9	13.6	14.8					
G62.0	14.0	15.1	13.8	12.8	14.0					
G63.0	13.2	14.2	13.0	12.1	13.2					
G64.0	12.4	13.3	12.1	11.4	12.4					
G65.0	11.6	12.6	11.6	10.6	11.6					
G66.0	10.9	11.8	10.9	10.0	10.9					
G67.0	10.0	11.1	10.1	9.0	10.0					
G68.0	9.1	10.4	9.4	8.4	9.1					
G69.0	8.4	9.4	8.6	7.7	8.4					
G70.0	7.8	8.7	7.9	7.2	7.8					
G71.0	7.4	8.1	7.4	6.8	7.4					
G72.0	6.8	7.5	6.9	6.2	6.8					
G73.0	6.4	7.2	6.5	5.9	6.4					

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	6.0	6.6	6.0	5.4	6.0					
G75.0	5.5	6.2	5.7	5.1	5.5					
G76.0	5.2	5.9	5.2	4.9	5.2					
G77.0	5.0	5.4	4.9	4.7	5.0					
G78.0	4.8	5.1	4.8	4.6	4.8					
G79.0	4.6	5.0	4.6	4.5	4.6					
G80.0	4.5	4.8	4.5	4.4	4.5					
G81.0	4.3	4.7	4.4	4.3	4.3					
G82.0	4.3	4.6	4.4	4.2	4.3					
G83.0	4.2	4.5	4.2	4.1	4.2					
G84.0	4.0	4.3	4.1	3.9	4.0					
G85.0	3.9	4.3	3.9	3.8	3.9					
G86.0	3.8	4.2	3.8	3.7	3.8					
G87.0	3.8	4.1	3.7	3.8	3.8					
G88.0	3.6	3.9	3.7	3.6	3.6					
G89.0	3.6	3.8	3.6	3.7	3.6					
G90.0	3.5	3.8	3.5	3.6	3.5					
G91.0	3.5	3.7	3.5	3.7	3.5					
G92.0	3.5	3.7	3.5	3.7	3.5					
G93.0	3.5	3.7	3.5	3.6	3.5					
G94.0	3.6	3.7	3.5	3.6	3.6					
G95.0	3.5	3.7	3.5	3.6	3.5					
G96.0	3.5	3.7	3.5	3.7	3.5					
G97.0	3.5	3.8	3.5	3.7	3.5					
G98.0	3.6	3.8	3.5	3.6	3.6					
G99.0	3.6	3.7	3.5	3.6	3.6					
G100.0	3.6	3.7	3.5	3.6	3.6					
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: