

Report No.:

Test Time: 2025-07-16 18:01

Luminaire Property

Luminaire Manufacturer: NORDECOR
Luminaire Description: 6951
Luminous Width (mm): 45
Current: 0.130 A
Power Factor: 1.000

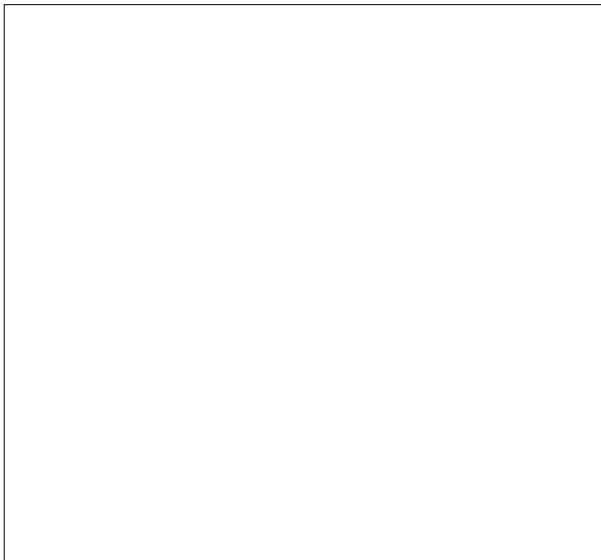
Luminous Length (mm): 45
Voltage: 48.0 V
Power: 6.23 W

Photometric Results

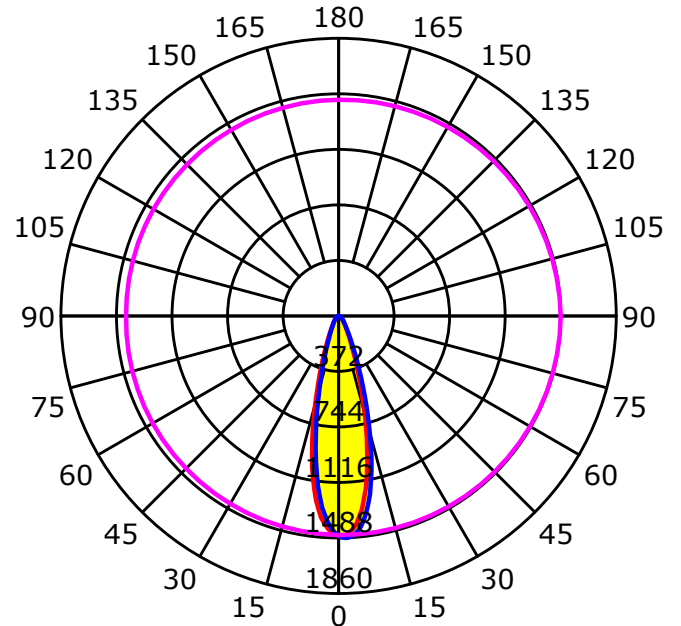
CIE Class: Direct
Measurement Flux: 509.6 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%,80%,100%): H53.1,H27.6,H16.7,H1
Vertical Diffuse Angle(10%,50%,80%,100%): V53.1,V27.5,V16.8,V2
Luminaire Efficacy Rating (LER): 81.84
Max. Intensity: 1488.72 cd
S/MH(C0/C180): 0.47

Total Rated Lamp Lumens: 509.6 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 1473.88 cd
Pos of Max. Intensity: H90 V2
S/MH(C90/C270): 0.47

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 27.5°

— 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

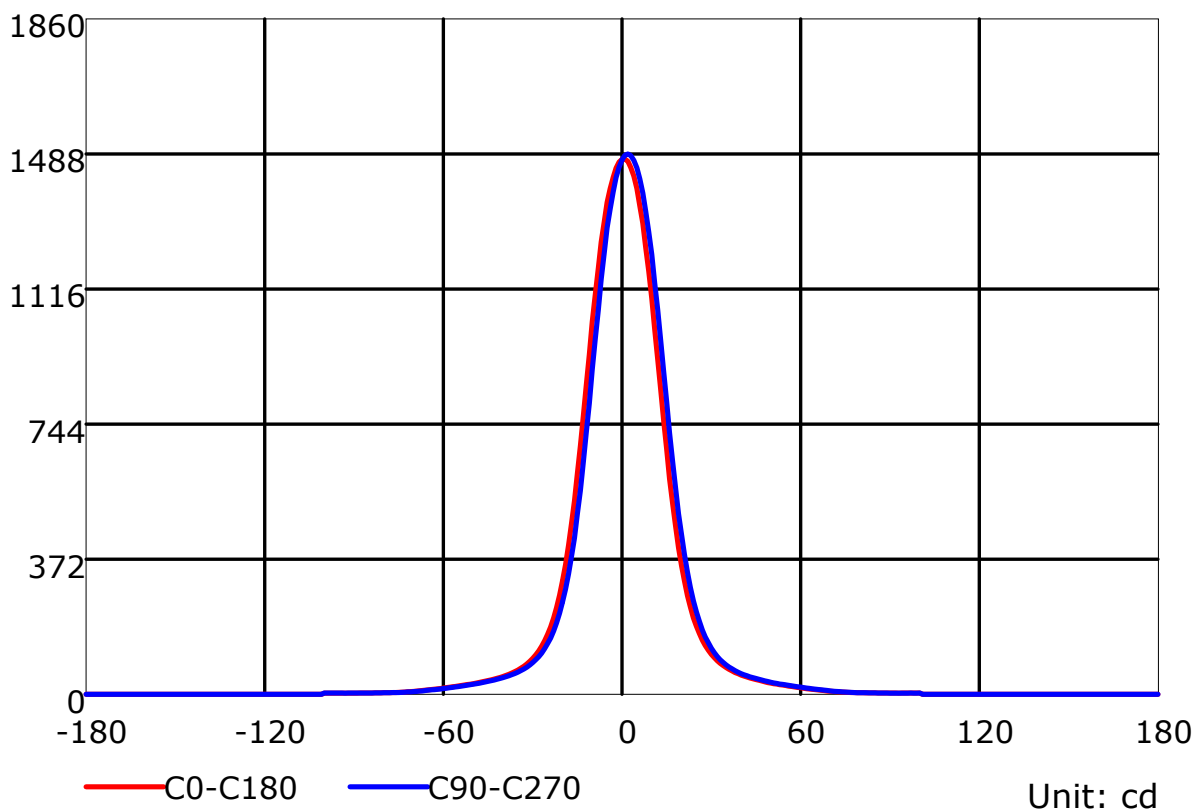
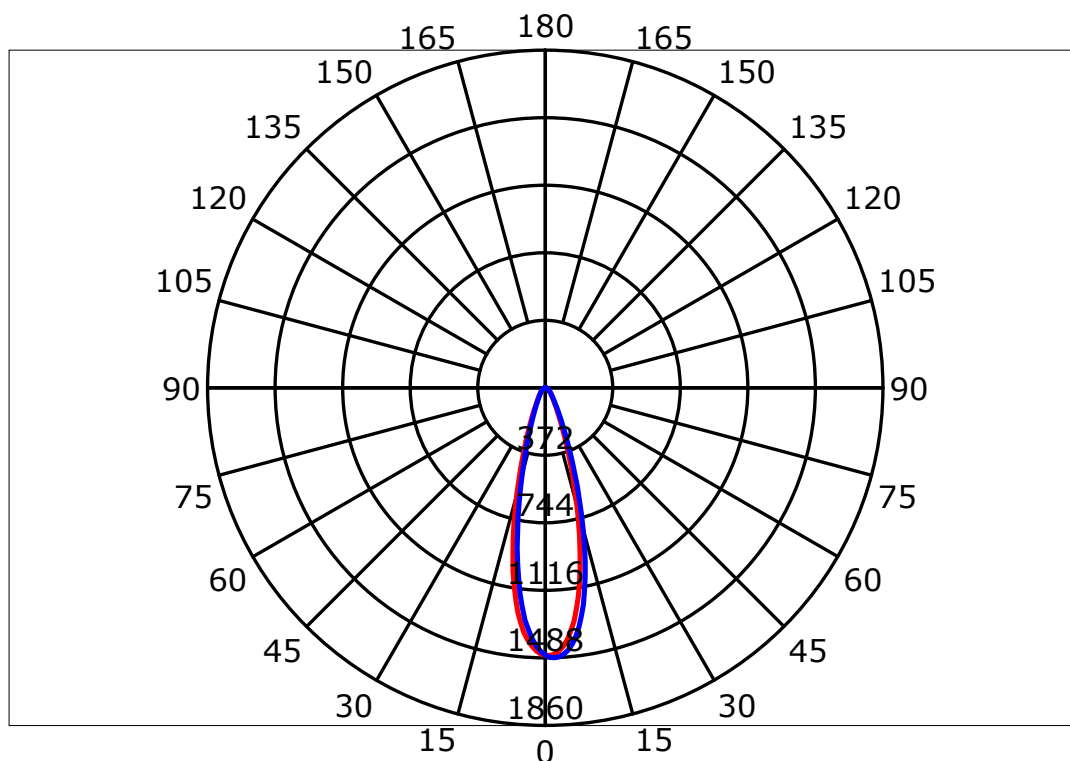
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

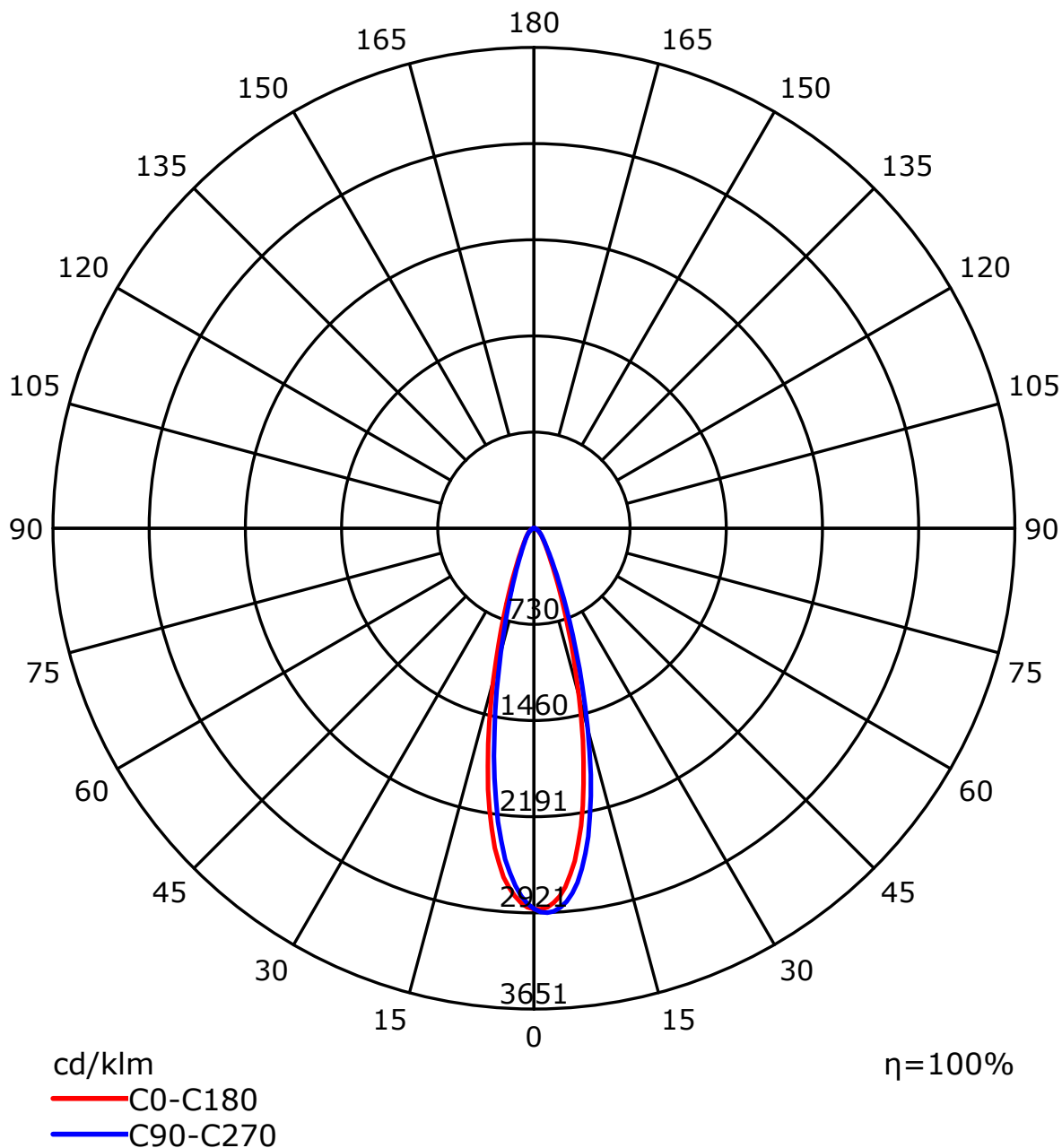
Luminous Intensity Distribution Curve



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)



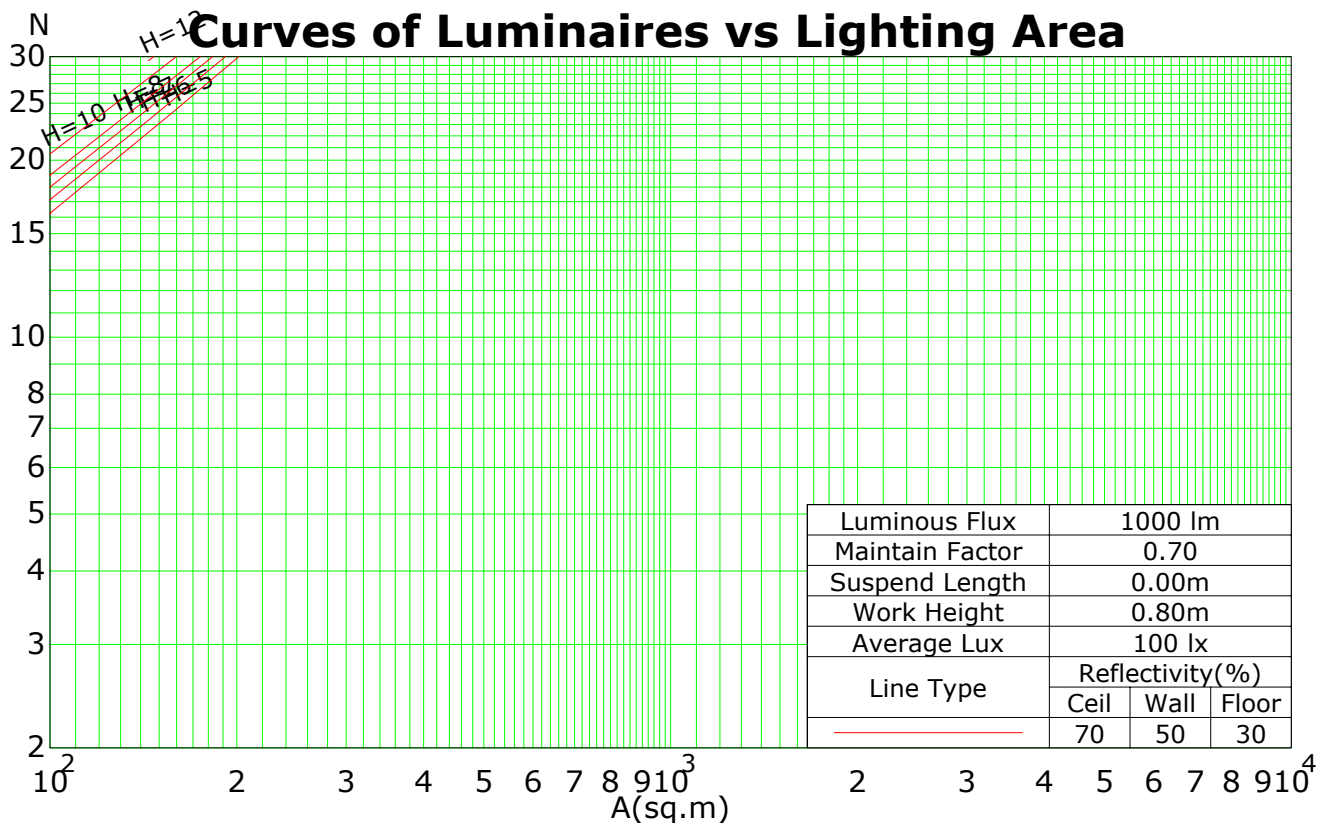
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	101	101	101	99
1	113	110	108	105	111	108	106	104	104	102	100	100	98	97	96	95	94	92
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86
3	103	96	91	88	101	95	90	87	92	88	85	90	87	84	87	85	83	81
4	98	91	86	81	96	90	85	81	87	83	80	85	82	79	83	80	78	76
5	94	86	80	76	92	85	80	76	83	79	75	81	78	75	80	77	74	72
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69
7	86	78	72	69	85	77	72	68	76	71	68	75	71	68	74	70	67	66
8	83	75	69	65	82	74	69	65	73	68	65	72	68	65	71	67	64	63
9	80	72	66	63	79	71	66	62	70	65	62	69	65	62	68	65	62	61
10	77	69	64	60	76	68	63	60	68	63	60	67	63	60	66	62	59	58

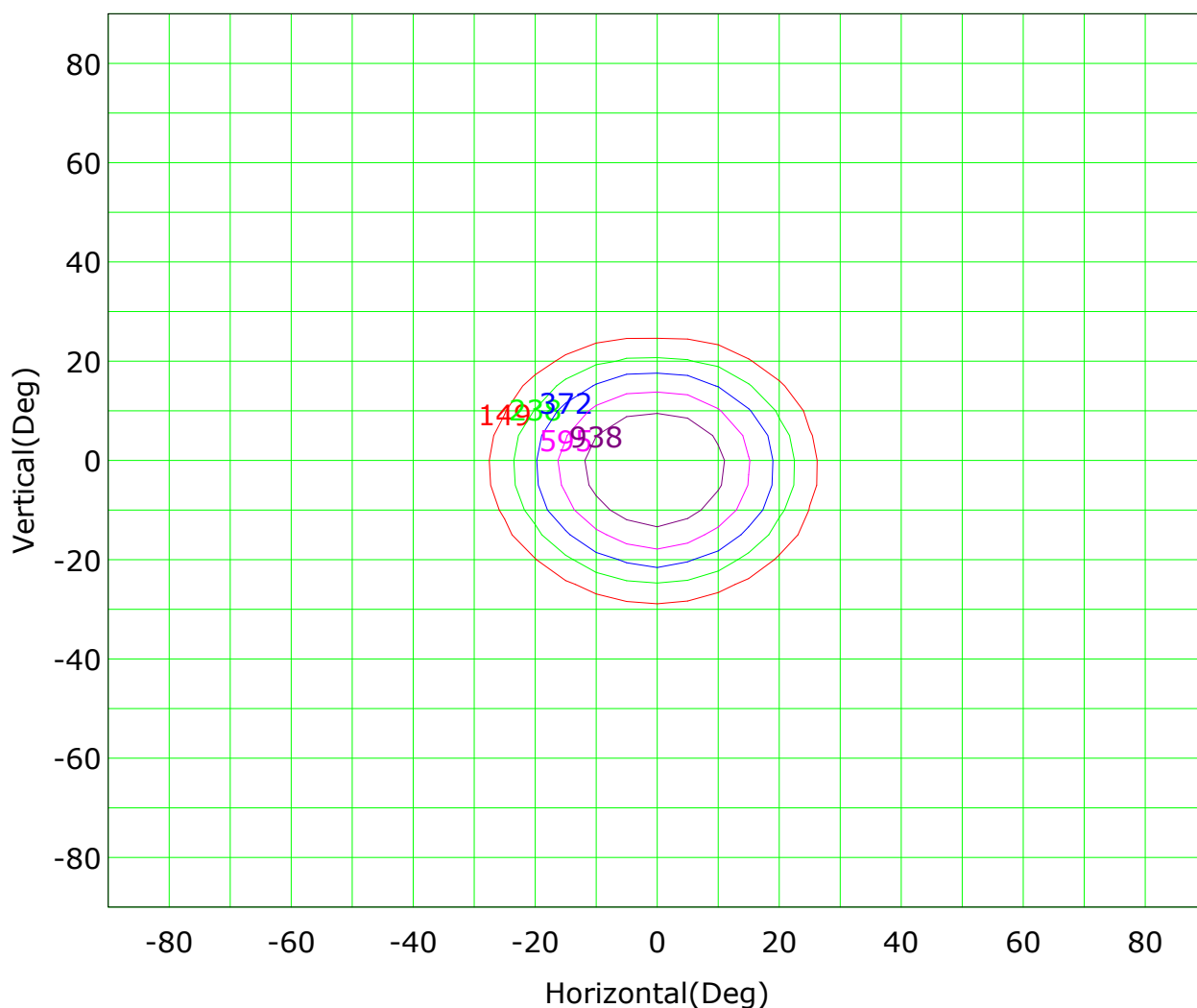
Spacing Criteria (0-180): 0.47
Spacing Criteria (90-270): 0.47
Spacing Criteria (Diagonal): 0.47



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:

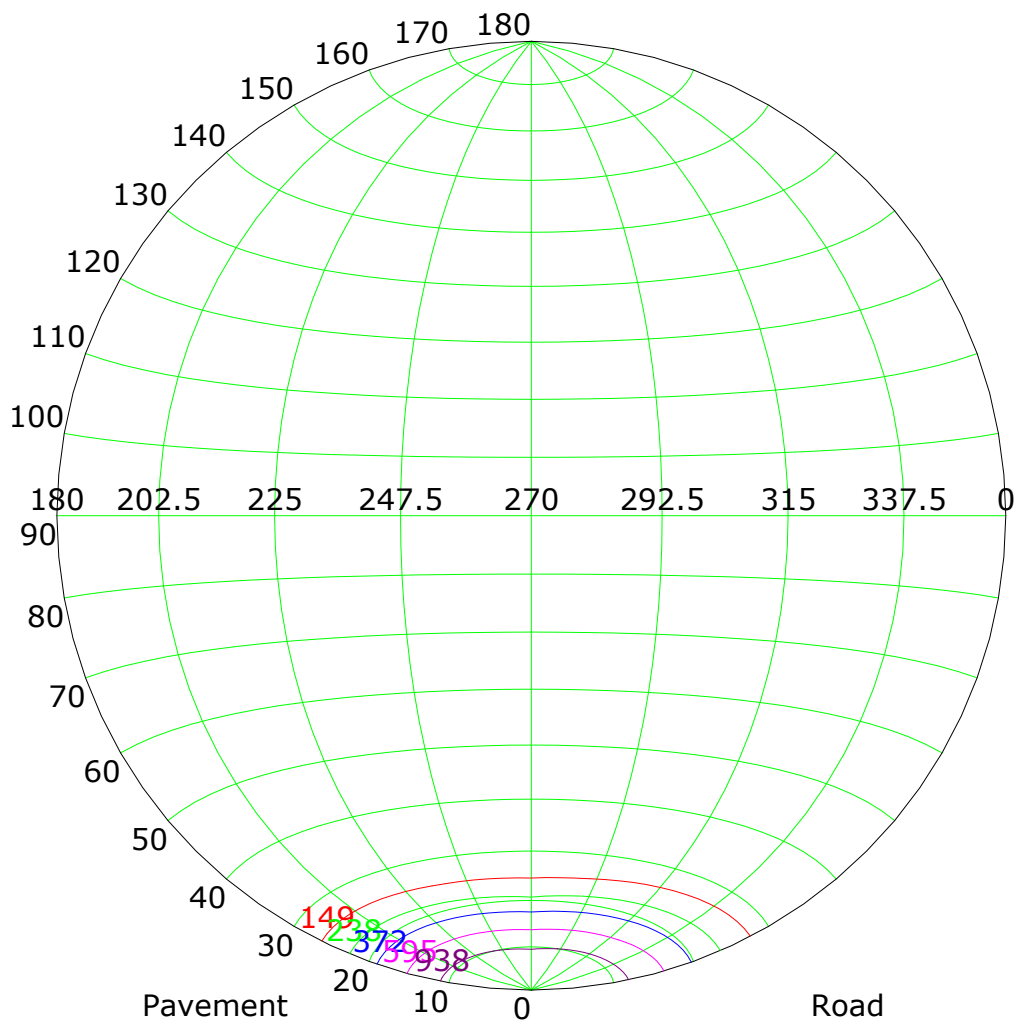
Isocandela (rectangle)



Imax (100%): 1489 cd

(10%):	149 cd	(16%):	238 cd
(25%):	372 cd	(40%):	595 cd
(63%):	938 cd	(100%):	1489 cd

Isocandela (sphere)



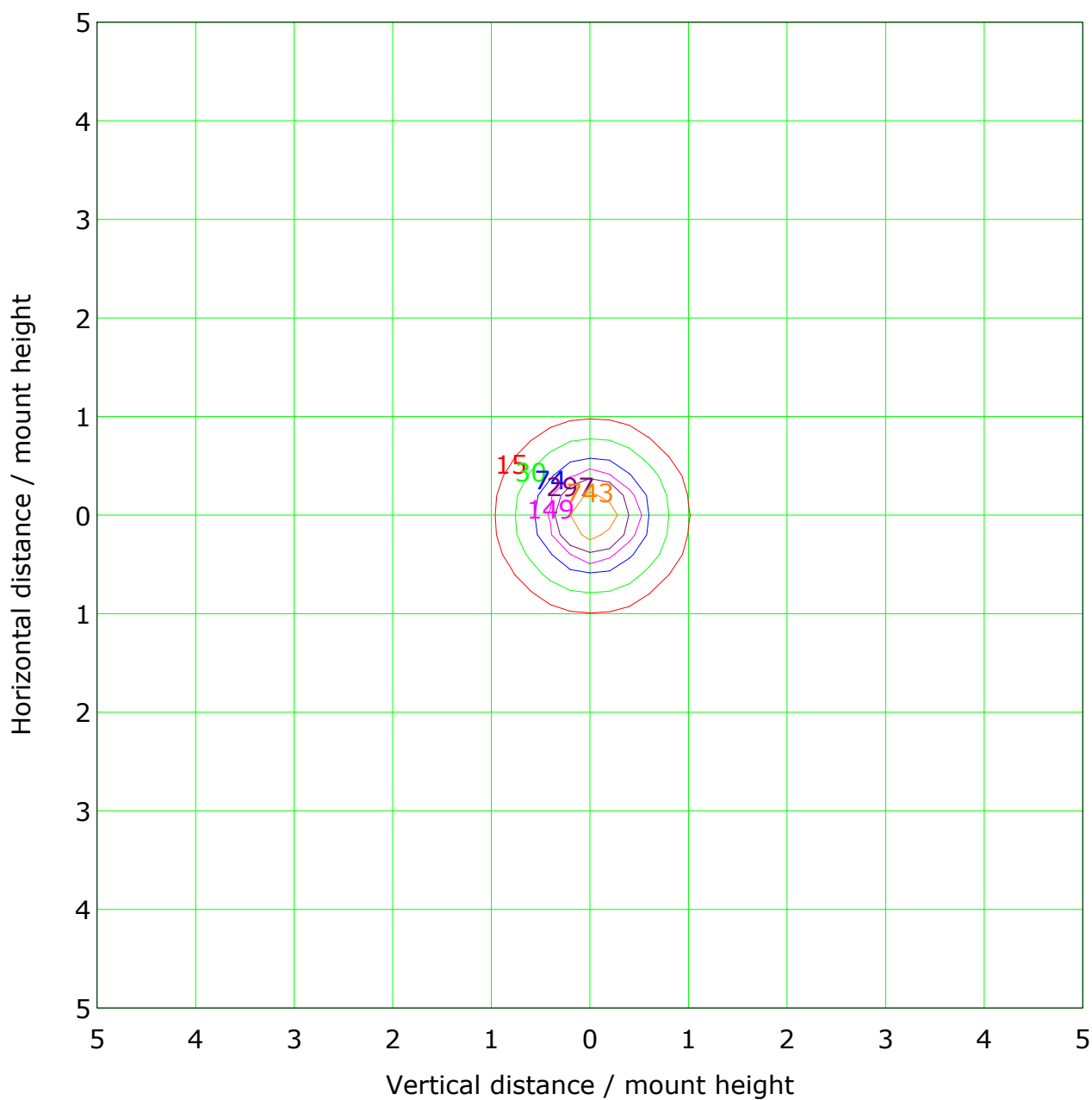
Imax (100%): 1489 cd

(10%): 149 cd	(16%): 238 cd
(25%): 372 cd	(40%): 595 cd
(63%): 938 cd	(100%): 1489 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%): 1486.0 lx

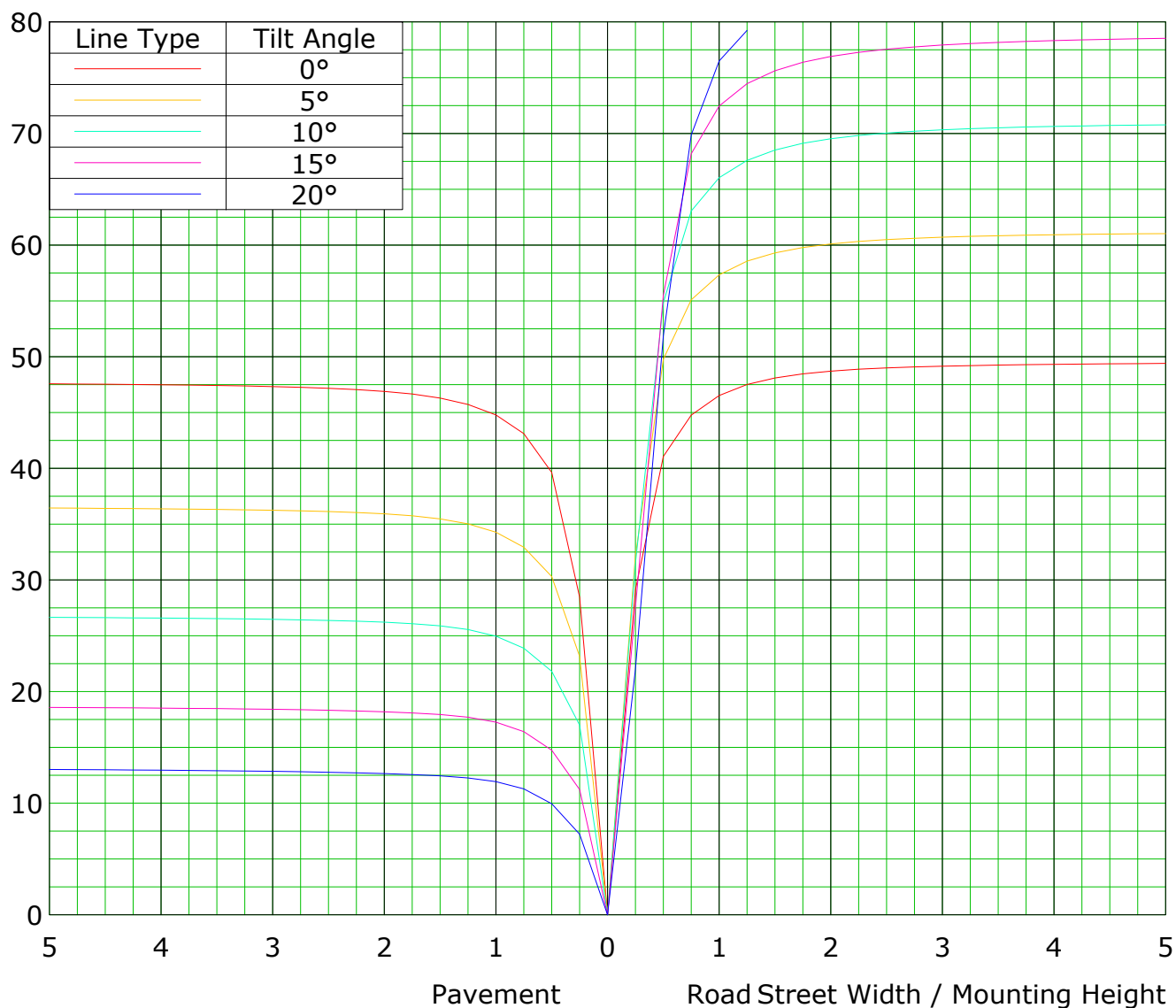
(1%): 14.9 lx	(2%): 29.7 lx
(5%): 74.3 lx	(10%): 148.6 lx
(20%): 297.2 lx	(50%): 743.0 lx
(100%):1486.0 lx	

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(%)

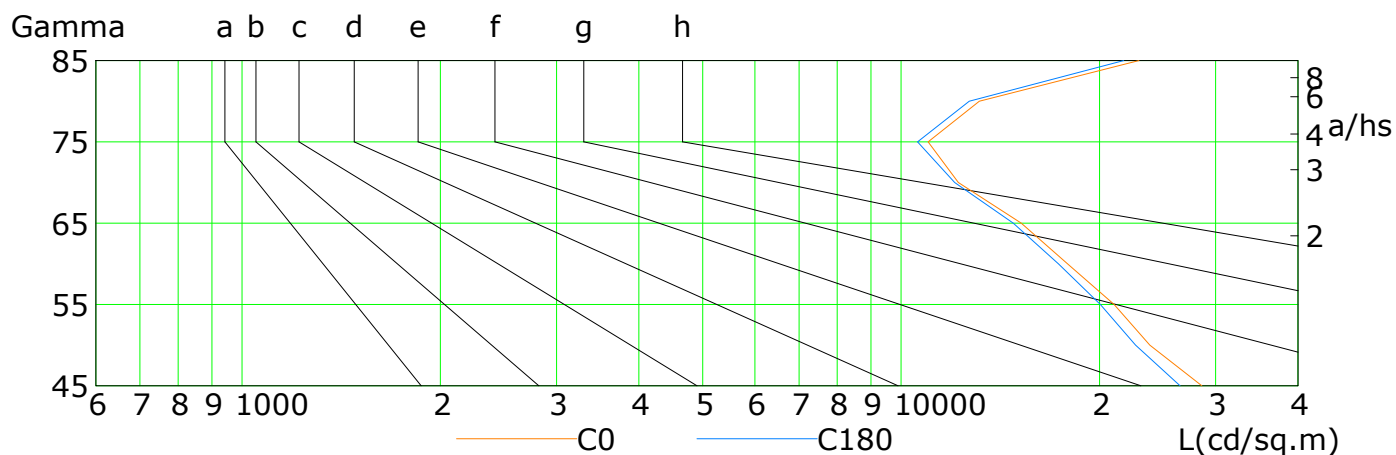
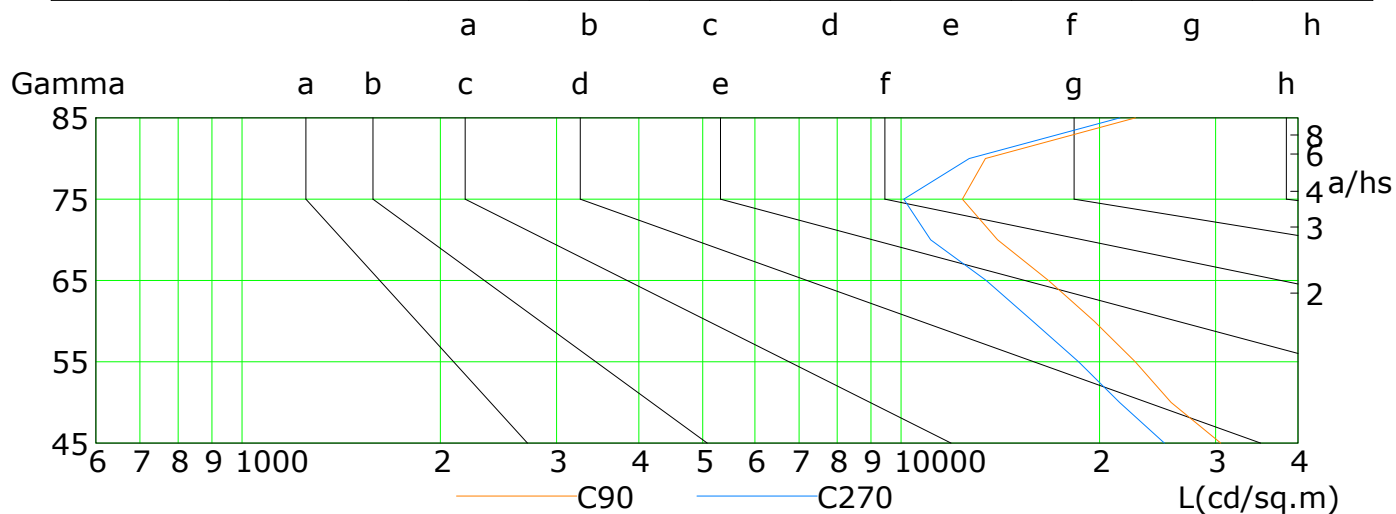


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	28592	23839	21042	17886	15214	12215	10990	13139	22947
C90	30547	25675	22652	19625	16733	14005	12383	13423	22664
C180	26489	22687	20060	17323	14793	12056	10589	12684	21758
C270	25079	21450	18588	15832	13461	11089	10093	12684	21474

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

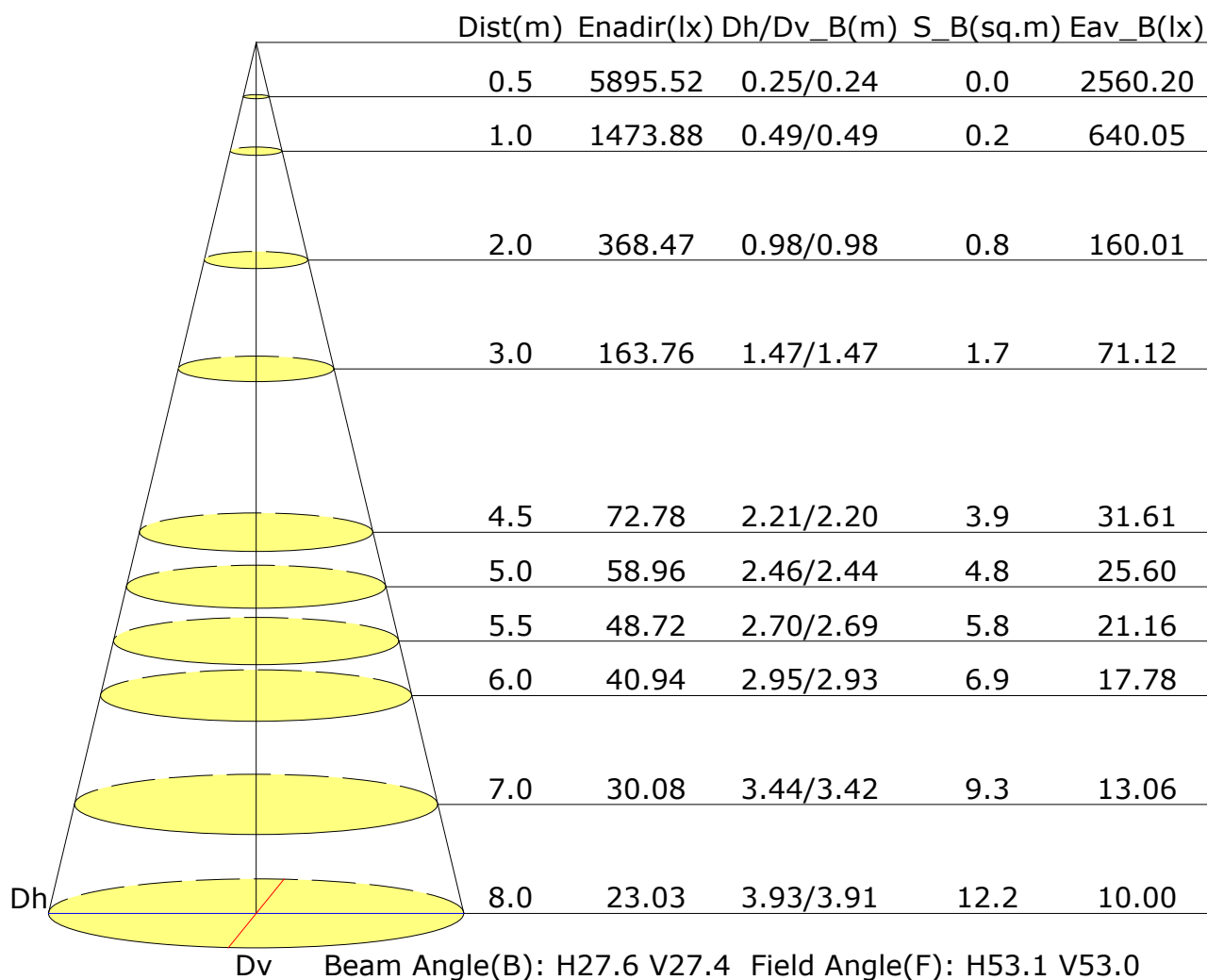
Test Device: GPM-1600L

Distance: 8.443 m

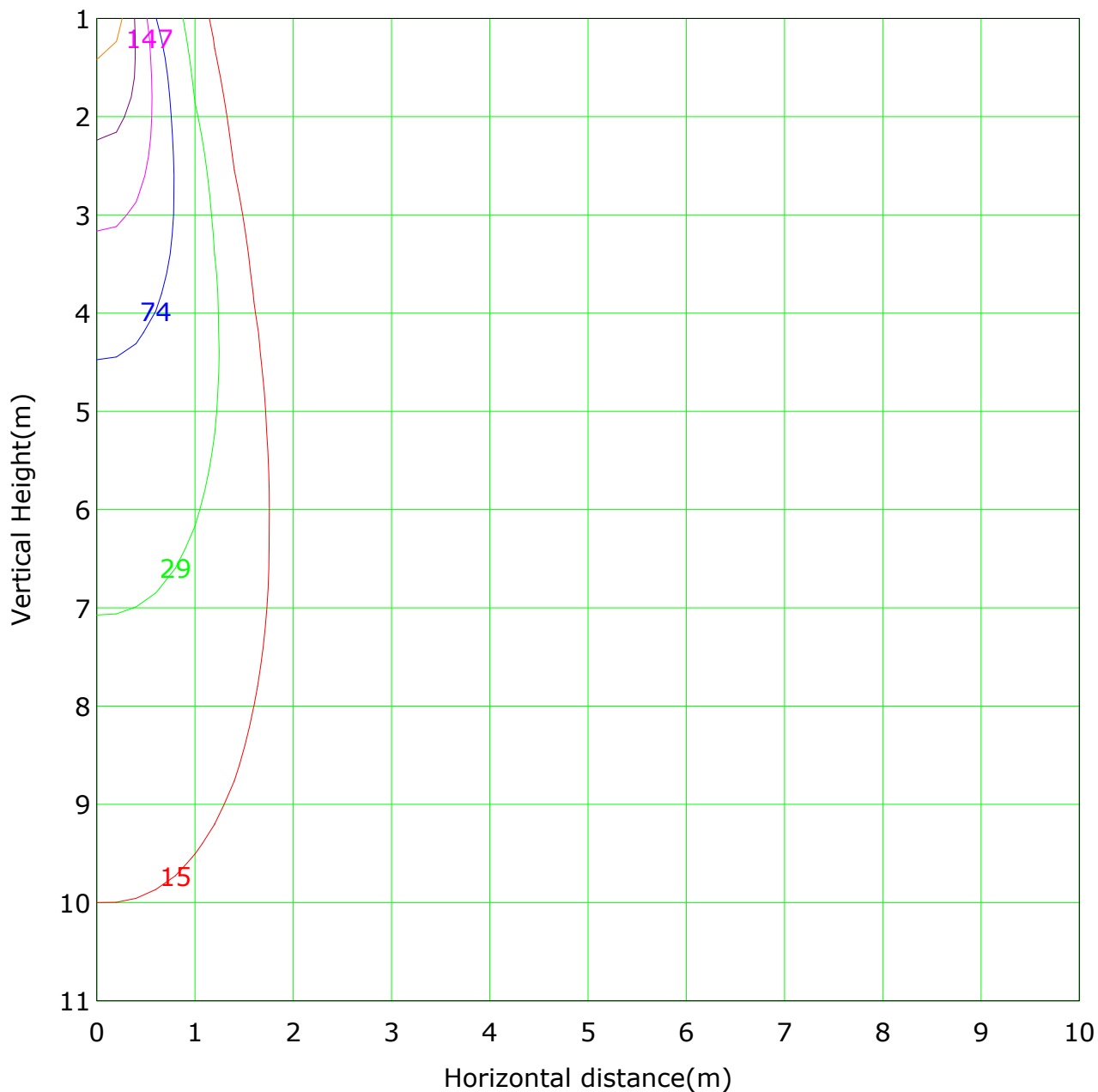
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1473.9 lx

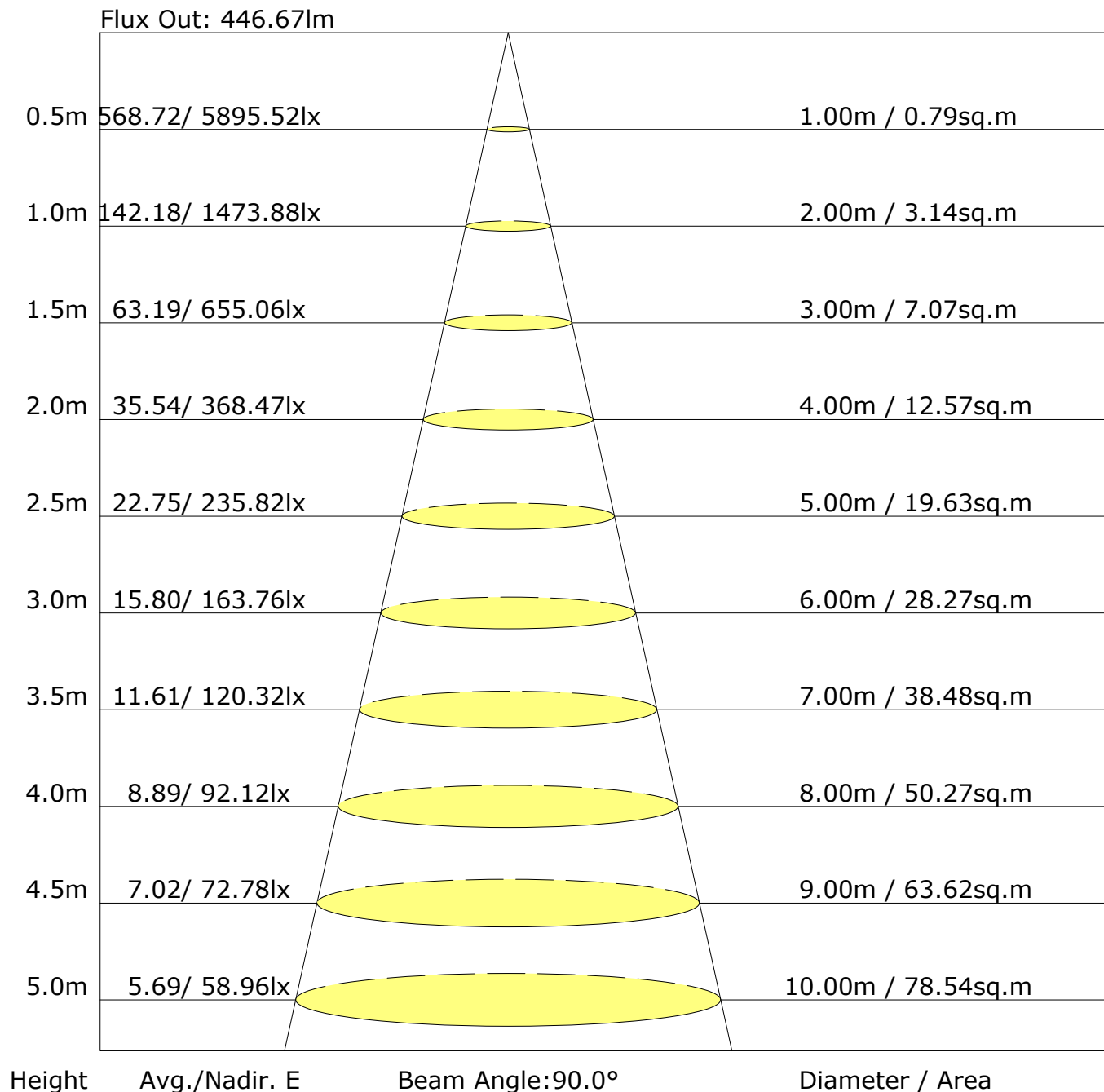
(1%): 14.7 lx	(2%): 29.5 lx
(5%): 73.7 lx	(10%): 147.4 lx
(20%): 294.8 lx	(50%): 736.9 lx
(100%):1473.9 lx	

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:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
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	19.2	20.0	19.5	20.2	20.4	19.1	20.0	19.4	20.2	20.4
3H	19.9	20.7	20.2	20.9	21.2	19.9	20.6	20.2	20.9	21.1
4H	20.2	20.9	20.5	21.2	21.4	20.2	20.9	20.5	21.2	21.4
6H	20.5	21.1	20.8	21.4	21.8	20.5	21.1	20.8	21.4	21.7
8H	20.7	21.3	21.1	21.7	22.0	20.7	21.3	21.1	21.6	22.0
12H	21.0	21.6	21.4	21.9	22.3	21.0	21.6	21.4	21.9	22.3
X=4H Y=2H	19.5	20.2	19.9	20.5	20.8	19.5	20.2	19.8	20.5	20.8
3H	20.4	21.0	20.8	21.3	21.7	20.4	21.0	20.8	21.3	21.7
4H	20.8	21.3	21.2	21.7	22.1	20.8	21.3	21.2	21.7	22.1
6H	21.2	21.7	21.7	22.1	22.5	21.2	21.7	21.7	22.1	22.5
8H	21.6	22.0	22.0	22.4	22.8	21.5	22.0	22.0	22.4	22.8
12H	22.0	22.4	22.4	22.8	23.3	22.0	22.4	22.4	22.8	23.2
X=8H Y=4H	20.9	21.4	21.4	21.8	22.2	20.9	21.4	21.4	21.8	22.2
6H	21.6	21.9	22.0	22.4	22.8	21.6	21.9	22.0	22.4	22.8
8H	22.0	22.3	22.5	22.8	23.3	22.0	22.3	22.5	22.8	23.3
12H	22.7	22.9	23.2	23.4	23.9	22.6	22.9	23.1	23.4	23.9
X=12H Y=4H	20.9	21.3	21.4	21.8	22.2	20.9	21.3	21.4	21.8	22.2
6H	21.6	22.0	22.1	22.4	22.9	21.6	22.0	22.1	22.4	22.9
8H	22.2	22.5	22.7	22.9	23.5	22.2	22.5	22.7	22.9	23.5
Variations with the observer position at spacings:										
S=1.0H	+0.4/-0.5					+0.4/-0.5				
S=1.5H	+1.0/-1.2					+0.6/-1.2				
S=2.0H	+1.8/-1.9					+1.2/-1.9				

Calculate in accordance with CIE Pub.117. The table is revised with 510lm ($8\log(F/F_0) = -2.3$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

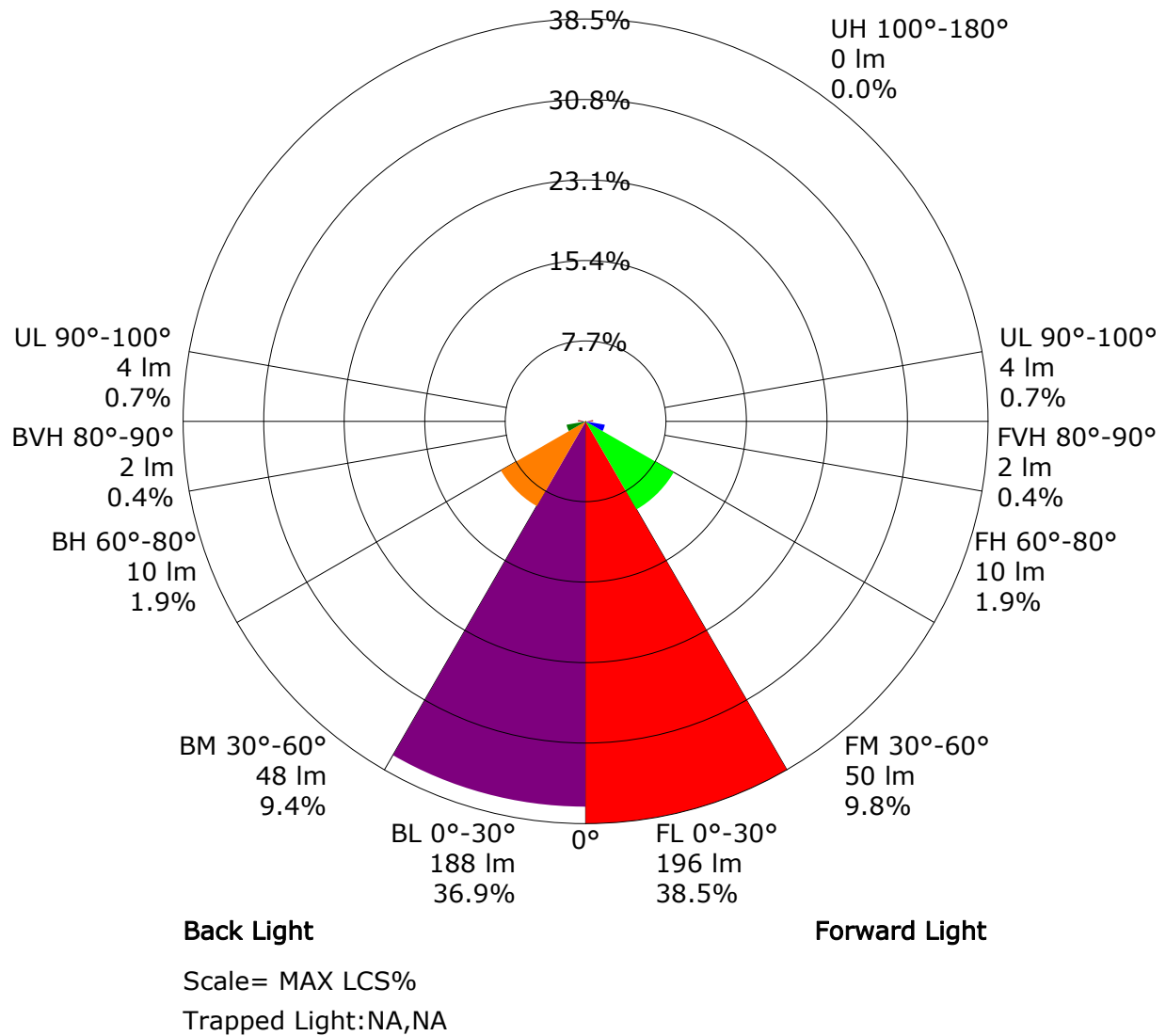
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	258	50.6
	FL (0°-30°)	196	38.5
	FM (30°-60°)	50	9.8
	FH (60°-80°)	10	1.9
	FVH (80°-90°)	2	0.4
	BACK LIGHT	248	48.6
	BL (0°-30°)	188	36.9
	BM (30°-60°)	48	9.4
	BH (60°-80°)	10	1.9
	BVH (80°-90°)	2	0.4
	UP LIGHT	4	0.8
	UL (90°-100°)	4	0.7
	UH (100°-180°)	0	0.0
	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	0.88	0.93	0.97	1.00	1.03	1.06	1.08	1.10	1.12	
	0.30		0.83	0.89	0.93	0.96	1.00	1.03	1.05	1.08	1.10	
	0.20		0.80	0.86	0.90	0.93	0.97	1.00	1.02	1.06	1.08	
0.50	0.50	0.20	0.86	0.91	0.95	0.97	1.00	1.03	1.04	1.06	1.07	
	0.30		0.83	0.88	0.91	0.94	0.98	1.00	1.02	1.04	1.06	
	0.20		0.80	0.85	0.88	0.91	0.95	0.98	1.00	1.03	1.04	
0.30	0.50	0.20	0.85	0.90	0.93	0.95	0.98	1.00	1.01	1.02	1.03	
	0.30		0.82	0.87	0.90	0.92	0.95	0.98	0.99	1.01	1.02	
	0.20		0.79	0.84	0.87	0.90	0.93	0.96	0.97	1.00	1.01	
0.00	0.00	0.00	0.78	0.82	0.85	0.87	0.90	0.92	0.93	0.95	0.96	
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	0.56	0.46	0.39	0.34	0.27	0.23	0.20	0.15	0.12	
	0.30		0.46	0.39	0.34	0.30	0.25	0.21	0.18	0.14	0.12	
	0.20		0.40	0.34	0.30	0.27	0.22	0.19	0.17	0.13	0.11	
0.50	0.50	0.20	0.53	0.43	0.37	0.32	0.25	0.25	0.18	0.14	0.11	
	0.30		0.45	0.38	0.32	0.28	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	0.13	0.11	
0.30	0.50	0.20	0.50	0.41	0.34	0.30	0.23	0.19	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	
0.00	0.00	0.00	0.24	0.19	0.16	0.14	0.11	0.09	0.08	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	0.10	0.12	0.14	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.13	0.15	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	0.17	0.18	
0.30	0.50	0.20	0.13	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	0.11	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: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	1471.7	1.4	1.4	0.28	0.28
1.0-2.0	1464.0	4.2	5.6	0.82	1.10
2.0-3.0	1447.2	6.9	12.5	1.36	2.46
3.0-4.0	1421.9	9.5	22.1	1.87	4.33
4.0-5.0	1389.4	12.0	34.0	2.35	6.67
5.0-6.0	1346.4	14.2	48.2	2.78	9.45
6.0-7.0	1294.4	16.1	64.2	3.15	12.60
7.0-8.0	1233.2	17.7	81.9	3.46	16.07
8.0-9.0	1164.5	18.9	100.8	3.70	19.77
9.0-10.0	1093.1	19.8	120.5	3.88	23.65
10.0-11.0	1012.9	20.2	140.8	3.97	27.63
11.0-12.0	929.8	20.3	161.1	3.99	31.62
12.0-13.0	849.0	20.2	181.3	3.95	35.57
13.0-14.0	765.8	19.6	200.9	3.85	39.42
14.0-15.0	685.0	18.8	219.7	3.69	43.11
15.0-16.0	608.1	17.8	237.5	3.50	46.61
16.0-17.0	536.8	16.7	254.2	3.28	49.89
17.0-18.0	474.6	15.7	269.9	3.07	52.96
18.0-19.0	416.0	14.5	284.3	2.84	55.80
19.0-20.0	363.6	13.3	297.6	2.61	58.41
20.0-21.0	319.6	12.3	309.9	2.41	60.82
21.0-22.0	279.9	11.2	321.2	2.21	63.03
22.0-23.0	245.6	10.3	331.5	2.02	65.05
23.0-24.0	216.2	9.5	340.9	1.86	66.90
24.0-25.0	191.0	8.7	349.6	1.70	68.61
25.0-26.0	170.4	8.0	357.7	1.58	70.19
26.0-27.0	152.0	7.4	365.1	1.46	71.65
27.0-28.0	136.1	6.9	372.0	1.35	73.00
28.0-29.0	123.1	6.4	378.4	1.26	74.26
29.0-30.0	111.6	6.0	384.4	1.18	75.45
30.0-31.0	101.6	5.7	390.1	1.11	76.56
31.0-32.0	93.1	5.3	395.4	1.05	77.60
32.0-33.0	85.5	5.0	400.5	0.99	78.59
33.0-34.0	79.3	4.8	405.3	0.94	79.53
34.0-35.0	73.5	4.6	409.8	0.90	80.43
35.0-36.0	68.4	4.4	414.2	0.85	81.28

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	64.1	4.2	418.4	0.82	82.10
37.0-38.0	60.1	4.0	422.4	0.79	82.89
38.0-39.0	56.5	3.9	426.2	0.76	83.65
39.0-40.0	53.1	3.7	430.0	0.73	84.37
40.0-41.0	50.2	3.6	433.5	0.70	85.08
41.0-42.0	47.6	3.5	437.0	0.68	85.75
42.0-43.0	45.0	3.3	440.3	0.65	86.41
43.0-44.0	42.7	3.2	443.5	0.63	87.04
44.0-45.0	40.7	3.1	446.7	0.61	87.66
45.0-46.0	38.7	3.0	449.7	0.59	88.25
46.0-47.0	36.8	2.9	452.6	0.57	88.82
47.0-48.0	34.9	2.8	455.4	0.55	89.38
48.0-49.0	33.0	2.7	458.2	0.53	89.91
49.0-50.0	31.3	2.6	460.8	0.51	90.42
50.0-51.0	29.7	2.5	463.3	0.49	90.91
51.0-52.0	28.3	2.4	465.7	0.48	91.39
52.0-53.0	27.0	2.3	468.0	0.46	91.85
53.0-54.0	25.7	2.3	470.3	0.44	92.30
54.0-55.0	24.5	2.2	472.5	0.43	92.72
55.0-56.0	23.2	2.1	474.6	0.41	93.14
56.0-57.0	21.9	2.0	476.6	0.39	93.53
57.0-58.0	20.8	1.9	478.5	0.38	93.91
58.0-59.0	19.6	1.8	480.4	0.36	94.27
59.0-60.0	18.4	1.7	482.1	0.34	94.61
60.0-61.0	17.3	1.6	483.8	0.32	94.93
61.0-62.0	16.1	1.6	485.3	0.31	95.24
62.0-63.0	15.2	1.5	486.8	0.29	95.53
63.0-64.0	14.2	1.4	488.2	0.27	95.80
64.0-65.0	13.3	1.3	489.5	0.26	96.06
65.0-66.0	12.4	1.2	490.7	0.24	96.30
66.0-67.0	11.5	1.2	491.9	0.23	96.53
67.0-68.0	10.6	1.1	493.0	0.21	96.74
68.0-69.0	9.7	1.0	494.0	0.19	96.94
69.0-70.0	8.9	0.9	494.9	0.18	97.12
70.0-71.0	8.2	0.8	495.7	0.17	97.28
71.0-72.0	7.6	0.8	496.5	0.15	97.44

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	7.0	0.7	497.3	0.14	97.58
73.0-74.0	6.5	0.7	497.9	0.13	97.72
74.0-75.0	6.0	0.6	498.6	0.12	97.84
75.0-76.0	5.6	0.6	499.2	0.12	97.96
76.0-77.0	5.3	0.6	499.7	0.11	98.07
77.0-78.0	5.0	0.5	500.3	0.10	98.17
78.0-79.0	4.8	0.5	500.8	0.10	98.27
79.0-80.0	4.6	0.5	501.3	0.10	98.37
80.0-81.0	4.5	0.5	501.8	0.10	98.47
81.0-82.0	4.4	0.5	502.2	0.09	98.56
82.0-83.0	4.2	0.5	502.7	0.09	98.65
83.0-84.0	4.1	0.4	503.1	0.09	98.74
84.0-85.0	4.0	0.4	503.6	0.09	98.82
85.0-86.0	3.9	0.4	504.0	0.08	98.90
86.0-87.0	3.8	0.4	504.4	0.08	98.99
87.0-88.0	3.7	0.4	504.8	0.08	99.06
88.0-89.0	3.6	0.4	505.2	0.08	99.14
89.0-90.0	3.5	0.4	505.6	0.08	99.22
90.0-91.0	3.5	0.4	506.0	0.08	99.29
91.0-92.0	3.5	0.4	506.3	0.07	99.37
92.0-93.0	3.5	0.4	506.7	0.07	99.44
93.0-94.0	3.5	0.4	507.1	0.07	99.52
94.0-95.0	3.5	0.4	507.5	0.07	99.59
95.0-96.0	3.5	0.4	507.9	0.07	99.66
96.0-97.0	3.5	0.4	508.2	0.07	99.74
97.0-98.0	3.5	0.4	508.6	0.07	99.81
98.0-99.0	3.5	0.4	509.0	0.07	99.89
99.0-100.0	3.5	0.4	509.4	0.07	99.96
100.0-101.0	1.8	0.2	509.6	0.04	100.00
101.0-102.0	0.0	0.0	509.6	0.00	100.00
102.0-103.0	0.0	0.0	509.6	0.00	100.00
103.0-104.0	0.0	0.0	509.6	0.00	100.00
104.0-105.0	0.0	0.0	509.6	0.00	100.00
105.0-106.0	0.0	0.0	509.6	0.00	100.00
106.0-107.0	0.0	0.0	509.6	0.00	100.00
107.0-108.0	0.0	0.0	509.6	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	509.6	0.00	100.00
109.0-110.0	0.0	0.0	509.6	0.00	100.00
110.0-111.0	0.0	0.0	509.6	0.00	100.00
111.0-112.0	0.0	0.0	509.6	0.00	100.00
112.0-113.0	0.0	0.0	509.6	0.00	100.00
113.0-114.0	0.0	0.0	509.6	0.00	100.00
114.0-115.0	0.0	0.0	509.6	0.00	100.00
115.0-116.0	0.0	0.0	509.6	0.00	100.00
116.0-117.0	0.0	0.0	509.6	0.00	100.00
117.0-118.0	0.0	0.0	509.6	0.00	100.00
118.0-119.0	0.0	0.0	509.6	0.00	100.00
119.0-120.0	0.0	0.0	509.6	0.00	100.00
120.0-121.0	0.0	0.0	509.6	0.00	100.00
121.0-122.0	0.0	0.0	509.6	0.00	100.00
122.0-123.0	0.0	0.0	509.6	0.00	100.00
123.0-124.0	0.0	0.0	509.6	0.00	100.00
124.0-125.0	0.0	0.0	509.6	0.00	100.00
125.0-126.0	0.0	0.0	509.6	0.00	100.00
126.0-127.0	0.0	0.0	509.6	0.00	100.00
127.0-128.0	0.0	0.0	509.6	0.00	100.00
128.0-129.0	0.0	0.0	509.6	0.00	100.00
129.0-130.0	0.0	0.0	509.6	0.00	100.00
130.0-131.0	0.0	0.0	509.6	0.00	100.00
131.0-132.0	0.0	0.0	509.6	0.00	100.00
132.0-133.0	0.0	0.0	509.6	0.00	100.00
133.0-134.0	0.0	0.0	509.6	0.00	100.00
134.0-135.0	0.0	0.0	509.6	0.00	100.00
135.0-136.0	0.0	0.0	509.6	0.00	100.00
136.0-137.0	0.0	0.0	509.6	0.00	100.00
137.0-138.0	0.0	0.0	509.6	0.00	100.00
138.0-139.0	0.0	0.0	509.6	0.00	100.00
139.0-140.0	0.0	0.0	509.6	0.00	100.00
140.0-141.0	0.0	0.0	509.6	0.00	100.00
141.0-142.0	0.0	0.0	509.6	0.00	100.00
142.0-143.0	0.0	0.0	509.6	0.00	100.00
143.0-144.0	0.0	0.0	509.6	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	509.6	0.00	100.00
145.0-146.0	0.0	0.0	509.6	0.00	100.00
146.0-147.0	0.0	0.0	509.6	0.00	100.00
147.0-148.0	0.0	0.0	509.6	0.00	100.00
148.0-149.0	0.0	0.0	509.6	0.00	100.00
149.0-150.0	0.0	0.0	509.6	0.00	100.00
150.0-151.0	0.0	0.0	509.6	0.00	100.00
151.0-152.0	0.0	0.0	509.6	0.00	100.00
152.0-153.0	0.0	0.0	509.6	0.00	100.00
153.0-154.0	0.0	0.0	509.6	0.00	100.00
154.0-155.0	0.0	0.0	509.6	0.00	100.00
155.0-156.0	0.0	0.0	509.6	0.00	100.00
156.0-157.0	0.0	0.0	509.6	0.00	100.00
157.0-158.0	0.0	0.0	509.6	0.00	100.00
158.0-159.0	0.0	0.0	509.6	0.00	100.00
159.0-160.0	0.0	0.0	509.6	0.00	100.00
160.0-161.0	0.0	0.0	509.6	0.00	100.00
161.0-162.0	0.0	0.0	509.6	0.00	100.00
162.0-163.0	0.0	0.0	509.6	0.00	100.00
163.0-164.0	0.0	0.0	509.6	0.00	100.00
164.0-165.0	0.0	0.0	509.6	0.00	100.00
165.0-166.0	0.0	0.0	509.6	0.00	100.00
166.0-167.0	0.0	0.0	509.6	0.00	100.00
167.0-168.0	0.0	0.0	509.6	0.00	100.00
168.0-169.0	0.0	0.0	509.6	0.00	100.00
169.0-170.0	0.0	0.0	509.6	0.00	100.00
170.0-171.0	0.0	0.0	509.6	0.00	100.00
171.0-172.0	0.0	0.0	509.6	0.00	100.00
172.0-173.0	0.0	0.0	509.6	0.00	100.00
173.0-174.0	0.0	0.0	509.6	0.00	100.00
174.0-175.0	0.0	0.0	509.6	0.00	100.00
175.0-176.0	0.0	0.0	509.6	0.00	100.00
176.0-177.0	0.0	0.0	509.6	0.00	100.00
177.0-178.0	0.0	0.0	509.6	0.00	100.00
178.0-179.0	0.0	0.0	509.6	0.00	100.00
179.0-180.0	0.0	0.0	509.6	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	1473.9	1472.7	1473.9	1472.7	1473.9					
G1.0	1474.6	1485.5	1466.8	1453.3	1474.6					
G2.0	1468.5	1488.7	1450.0	1424.5	1468.5					
G3.0	1451.5	1484.5	1424.7	1384.8	1451.5					
G4.0	1428.0	1471.1	1393.1	1337.3	1428.0					
G5.0	1393.8	1450.4	1355.8	1285.9	1393.8					
G6.0	1346.5	1420.4	1301.9	1216.4	1346.5					
G7.0	1297.9	1381.5	1246.6	1144.3	1297.9					
G8.0	1231.2	1331.2	1174.1	1058.9	1231.2					
G9.0	1166.1	1274.1	1101.1	979.6	1166.1					
G10.0	1090.7	1211.8	1026.3	894.8	1090.7					
G11.0	1006.9	1133.8	936.8	802.3	1006.9					
G12.0	923.3	1059.9	852.8	722.5	923.3					
G13.0	842.7	978.4	769.6	642.9	842.7					
G14.0	755.7	890.7	684.5	561.7	755.7					
G15.0	675.9	806.3	607.8	497.0	675.9					
G16.0	593.7	720.4	533.1	430.7	593.7					
G17.0	526.8	642.2	468.8	379.0	526.8					
G18.0	466.1	571.5	410.6	332.0	466.1					
G19.0	403.9	497.7	356.6	289.4	403.9					
G20.0	354.5	439.9	312.2	254.3	354.5					
G21.0	312.9	385.8	273.4	223.8	312.9					
G22.0	271.8	336.0	238.8	196.8	271.8					
G23.0	240.9	294.8	210.6	174.9	240.9					
G24.0	210.6	257.5	185.3	154.8	210.6					
G25.0	187.7	226.9	165.1	139.9	187.7					
G26.0	168.2	201.7	147.7	126.2	168.2					
G27.0	149.2	177.3	132.4	113.5	149.2					
G28.0	134.7	158.1	119.6	103.8	134.7					
G29.0	122.1	142.5	108.7	95.3	122.1					
G30.0	110.5	127.1	99.0	87.4	110.5					
G31.0	101.5	115.5	91.2	80.9	101.5					
G32.0	92.7	104.3	83.6	74.9	92.7					
G33.0	85.8	95.6	77.4	70.0	85.8					
G34.0	79.8	88.0	72.2	65.4	79.8					
G35.0	73.9	80.9	66.8	61.1	73.9					
G36.0	68.9	75.1	62.8	57.7	68.9					

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	64.7	70.3	58.9	54.5	64.7					
G38.0	60.3	65.4	55.4	51.5	60.3					
G39.0	56.9	61.1	52.2	48.8	56.9					
G40.0	53.3	57.2	49.3	46.1	53.3					
G41.0	50.7	54.2	46.7	43.8	50.7					
G42.0	48.0	51.3	44.4	41.6	48.0					
G43.0	45.3	48.3	42.0	39.5	45.3					
G44.0	43.1	46.0	39.9	37.7	43.1					
G45.0	40.9	43.7	37.9	35.9	40.9					
G46.0	38.9	41.6	36.2	34.3	38.9					
G47.0	37.0	39.4	34.6	32.5	37.0					
G48.0	34.7	37.5	32.8	30.6	34.7					
G49.0	32.6	35.7	31.1	29.2	32.6					
G50.0	31.0	33.4	29.5	27.9	31.0					
G51.0	29.5	31.5	28.0	26.6	29.5					
G52.0	28.2	30.0	26.9	25.4	28.2					
G53.0	26.9	28.6	25.6	24.2	26.9					
G54.0	25.6	27.4	24.4	22.9	25.6					
G55.0	24.4	26.3	23.3	21.6	24.4					
G56.0	22.9	24.9	22.0	20.3	22.9					
G57.0	21.7	23.7	20.8	19.3	21.7					
G58.0	20.6	22.4	19.7	18.3	20.6					
G59.0	19.4	21.0	18.5	17.1	19.4					
G60.0	18.1	19.9	17.5	16.0	18.1					
G61.0	16.8	18.6	16.3	14.9	16.8					
G62.0	15.8	17.5	15.3	14.0	15.8					
G63.0	14.8	16.4	14.3	13.2	14.8					
G64.0	13.9	15.4	13.5	12.4	13.9					
G65.0	13.0	14.3	12.7	11.5	13.0					
G66.0	12.0	13.4	11.8	10.6	12.0					
G67.0	11.2	12.6	10.8	9.6	11.2					
G68.0	10.2	11.6	10.0	8.8	10.2					
G69.0	9.2	10.6	9.0	8.2	9.2					
G70.0	8.5	9.7	8.4	7.7	8.5					
G71.0	7.9	8.8	7.8	7.0	7.9					
G72.0	7.3	8.3	7.1	6.6	7.3					
G73.0	6.7	7.7	6.6	6.1	6.7					

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	6.3	6.9	6.1	5.7	6.3					
G75.0	5.8	6.5	5.6	5.3	5.8					
G76.0	5.4	6.0	5.3	5.1	5.4					
G77.0	5.1	5.4	4.9	4.9	5.1					
G78.0	4.9	5.1	4.8	4.8	4.9					
G79.0	4.8	4.8	4.7	4.5	4.8					
G80.0	4.6	4.7	4.5	4.5	4.6					
G81.0	4.5	4.6	4.4	4.3	4.5					
G82.0	4.4	4.4	4.2	4.2	4.4					
G83.0	4.2	4.3	4.1	4.1	4.2					
G84.0	4.1	4.1	3.9	3.9	4.1					
G85.0	4.1	4.0	3.8	3.8	4.1					
G86.0	3.9	3.9	3.7	3.7	3.9					
G87.0	3.7	3.8	3.6	3.7	3.7					
G88.0	3.6	3.7	3.5	3.6	3.6					
G89.0	3.6	3.7	3.3	3.5	3.6					
G90.0	3.5	3.5	3.3	3.6	3.5					
G91.0	3.5	3.5	3.4	3.5	3.5					
G92.0	3.6	3.4	3.4	3.5	3.6					
G93.0	3.5	3.5	3.4	3.5	3.5					
G94.0	3.6	3.4	3.3	3.5	3.6					
G95.0	3.5	3.4	3.4	3.5	3.5					
G96.0	3.6	3.4	3.4	3.5	3.6					
G97.0	3.6	3.5	3.3	3.5	3.6					
G98.0	3.6	3.5	3.4	3.6	3.6					
G99.0	3.6	3.5	3.4	3.5	3.6					
G100.0	3.6	3.5	3.4	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: