

Report No.:

Test Time: 2024-11-09 10:45

Luminaire Property

Luminaire Manufacturer: 6752
Luminous Length (mm): 75
Luminous Height (mm): 48
Current: 0.130 A
Power Factor: 1.000

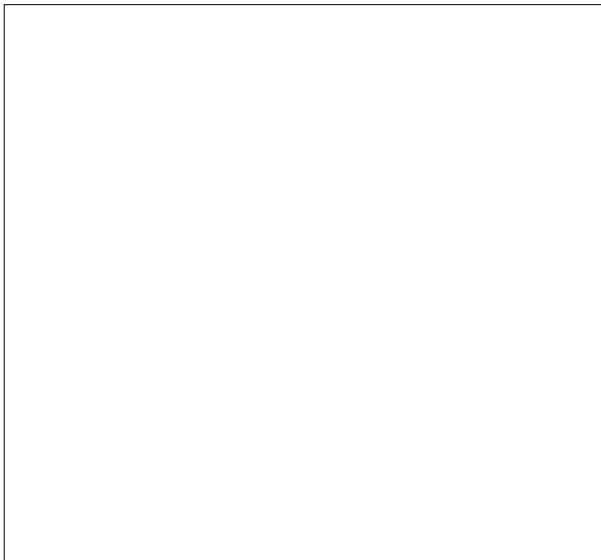
Luminous Width (mm): 48
Voltage: 48.0 V
Power: 6.25 W

Photometric Results

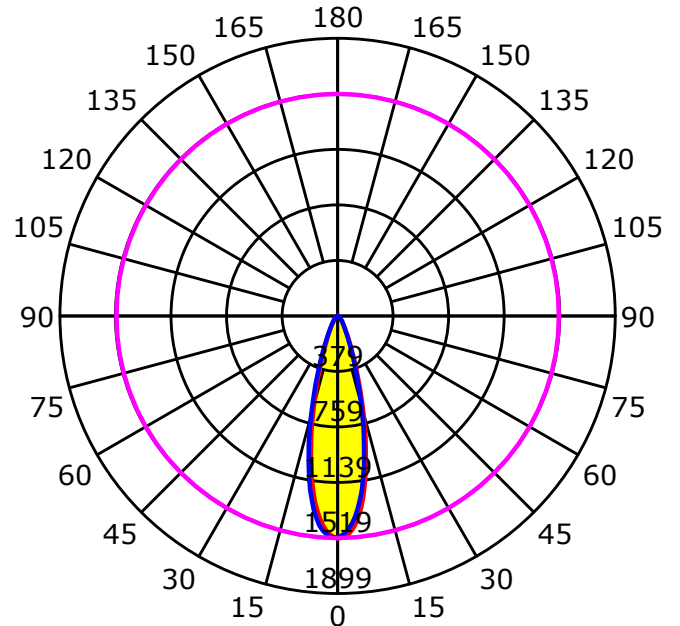
CIE Class: Direct
Measurement Flux: 490.4 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%,75%,100%): H52.5,H27.3,H18.4,H0
Vertical Diffuse Angle(10%,50%,75%,100%): V52.8,V27.7,V18.7,V1
Luminaire Efficacy Rating (LER): 78.52
Max. Intensity: 1519.55 cd
S/MH(C0/C180): 0.46

Total Rated Lamp Lumens: 490.4 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 1519.54 cd
Pos of Max. Intensity: H0 V0
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 — 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

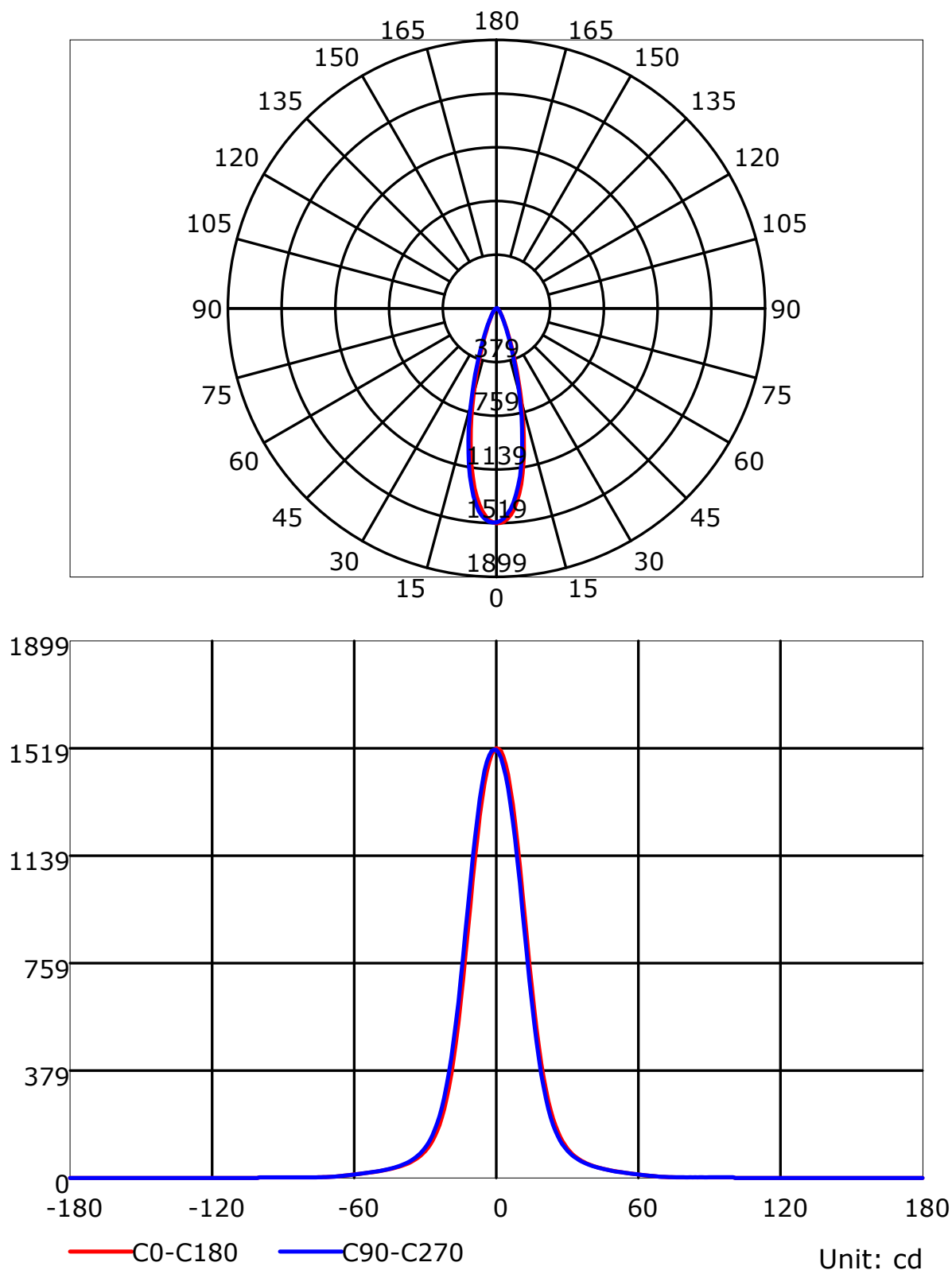
Test Device: GPM-1600L

Distance: 7.754 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

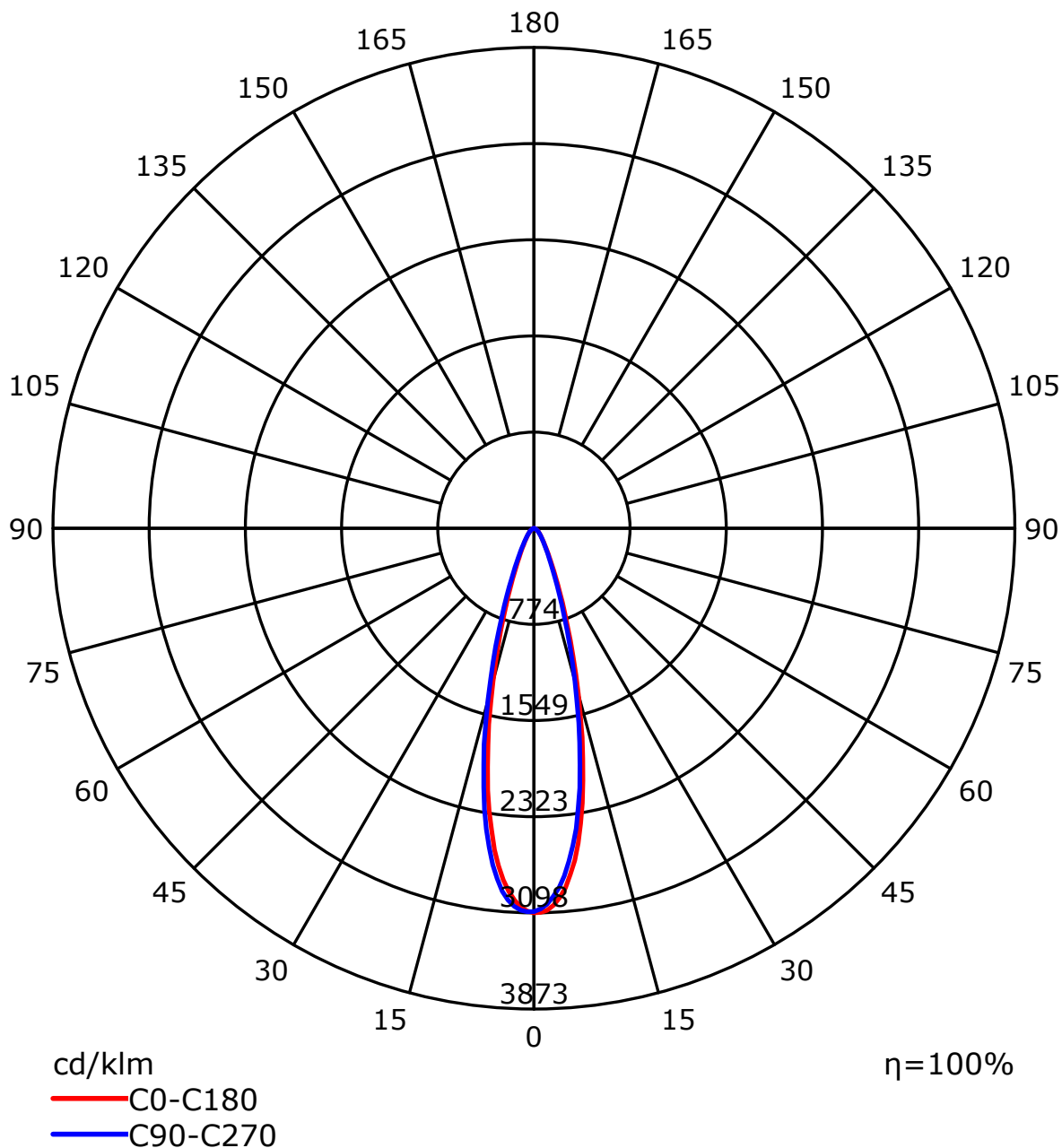
Test Device: GPM-1600L

Distance: 7.754 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve(cd/klm)



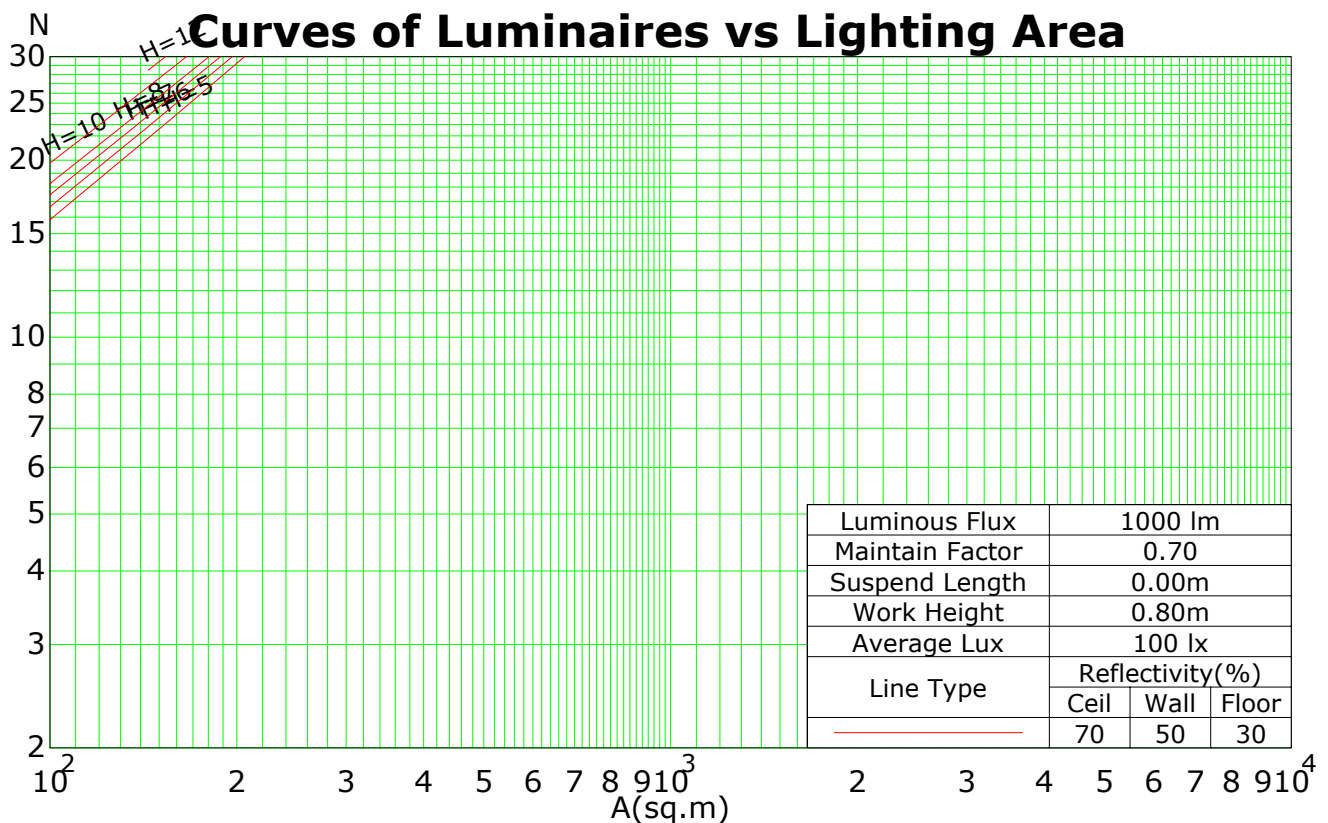
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.754 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	97	92	89	94	90	88	91	89	86	89	87	85	83
4	100	93	88	84	98	92	87	83	89	85	82	87	84	81	86	83	80	79
5	95	88	83	79	94	87	82	79	85	81	78	84	80	77	82	79	77	75
6	92	84	79	75	90	83	78	75	82	77	74	80	76	74	79	76	73	72
7	88	80	75	71	87	80	75	71	78	74	71	77	73	70	76	73	70	69
8	85	77	72	68	84	76	71	68	75	71	68	74	70	67	73	70	67	66
9	82	74	69	65	81	73	69	65	73	68	65	72	68	65	71	67	65	63
10	79	71	66	63	79	71	66	63	70	66	63	69	65	63	69	65	62	61

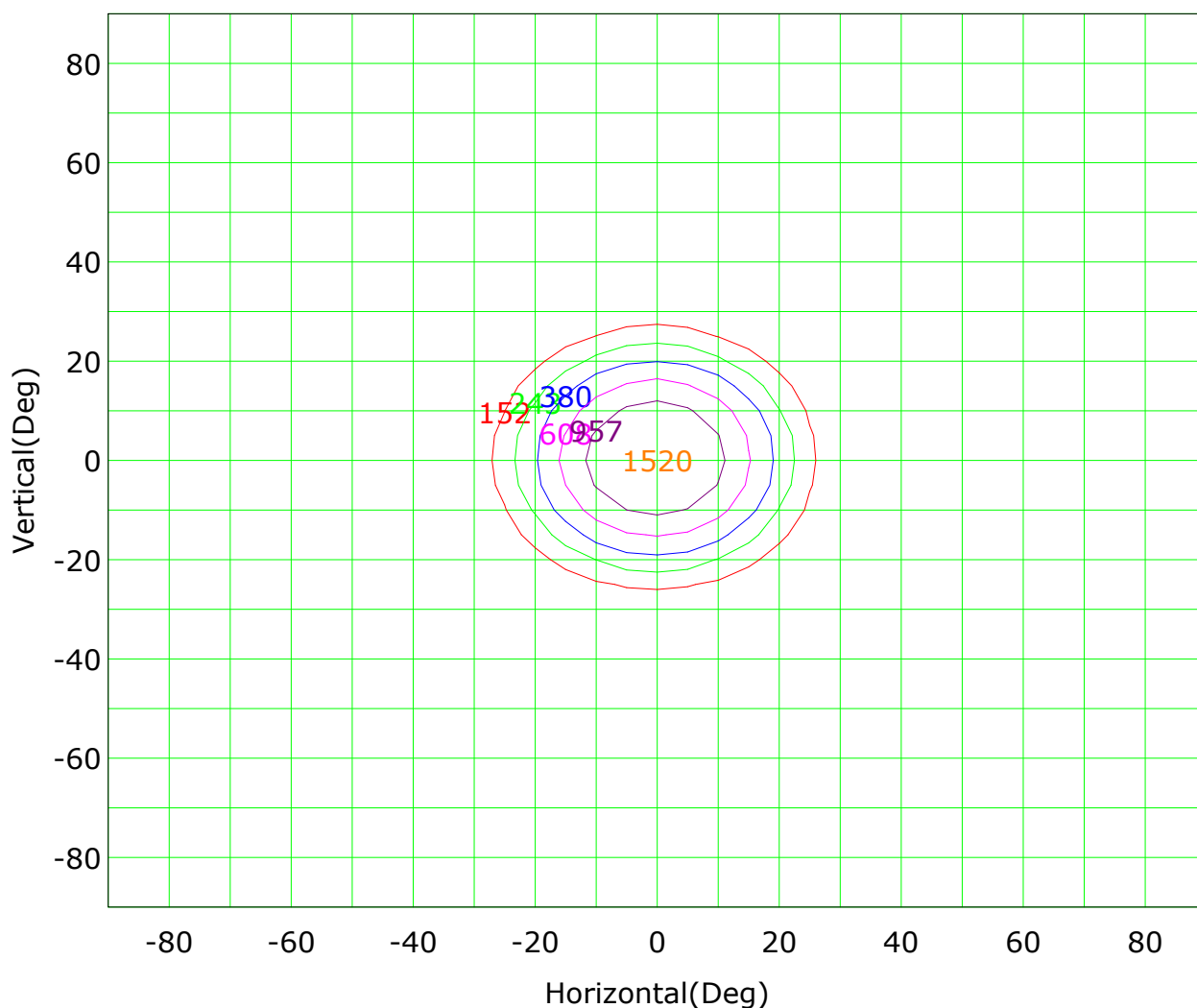
Spacing Criteria (0-180): 0.46
Spacing Criteria (90-270): 0.47
Spacing Criteria (Diagonal): 0.46



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: 7.754 m
Humidity:
Inspector:

Isocandela (rectangle)



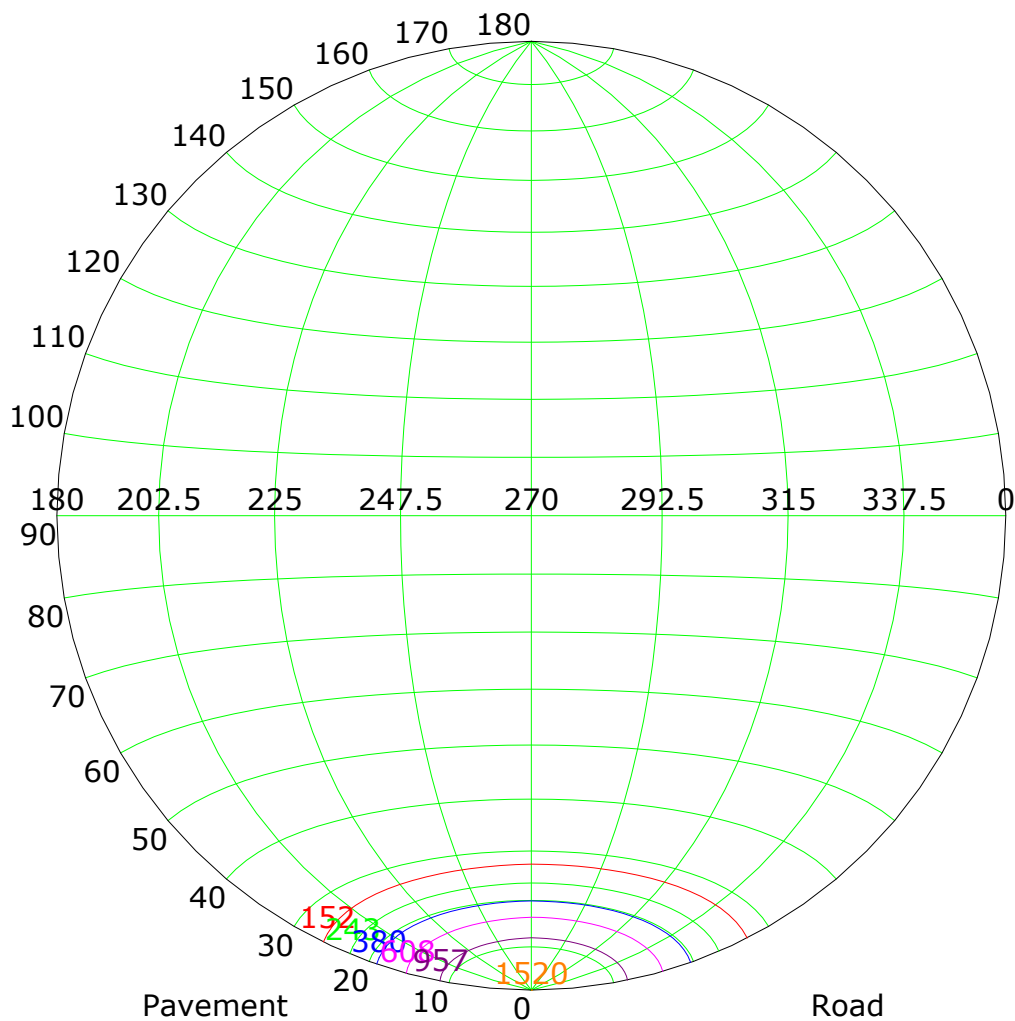
Imax (100%): 1520 cd

(10%): 152 cd	(16%): 243 cd
(25%): 380 cd	(40%): 608 cd
(63%): 957 cd	(100%): 1520 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: 7.754 m
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 1520 cd

— (10%):	152 cd	— (16%):	243 cd
— (25%):	380 cd	— (40%):	608 cd
— (63%):	957 cd	— (100%):	1520 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

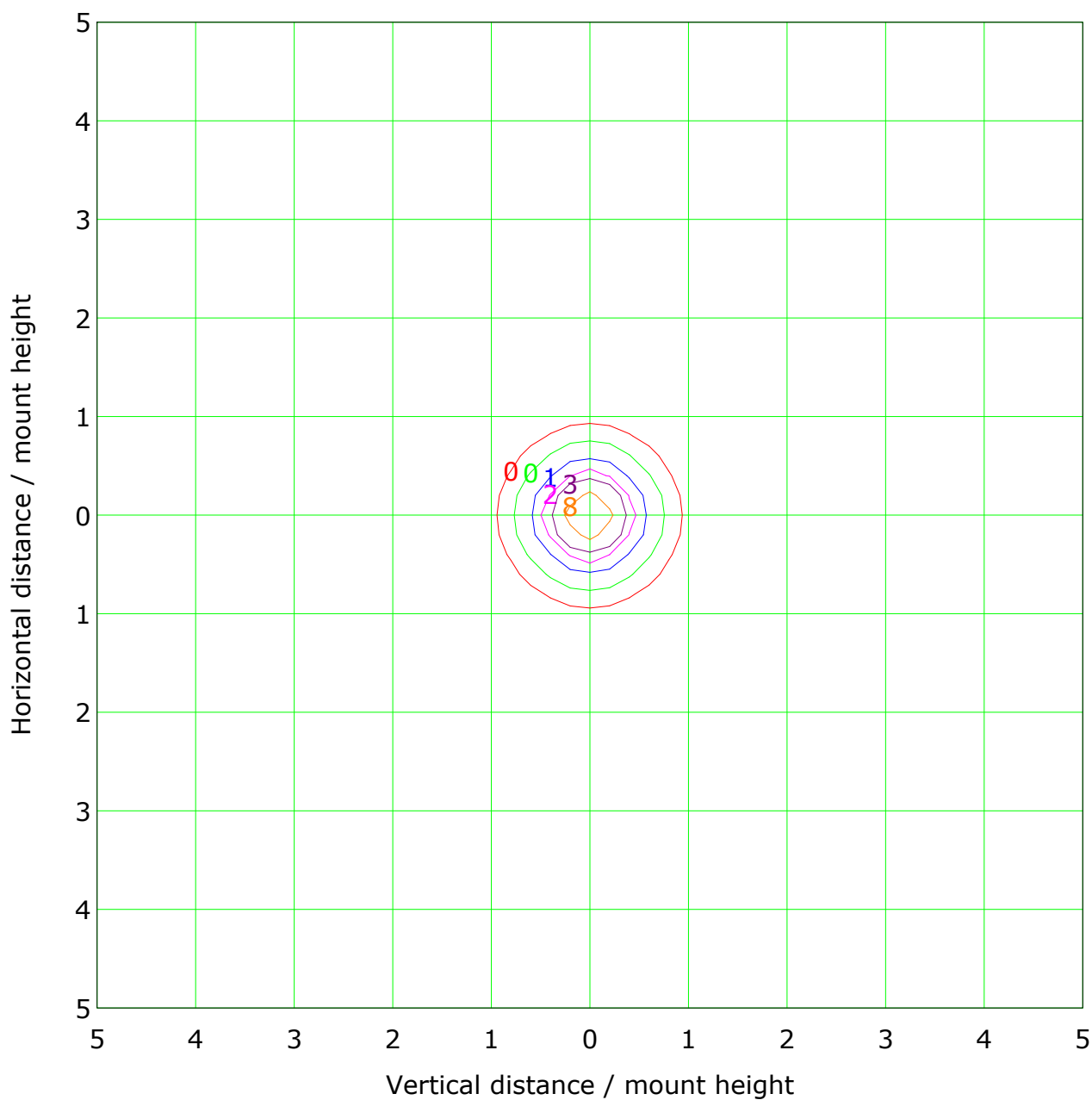
Test Device: GPM-1600L

Distance: 7.754 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 15.2 lx

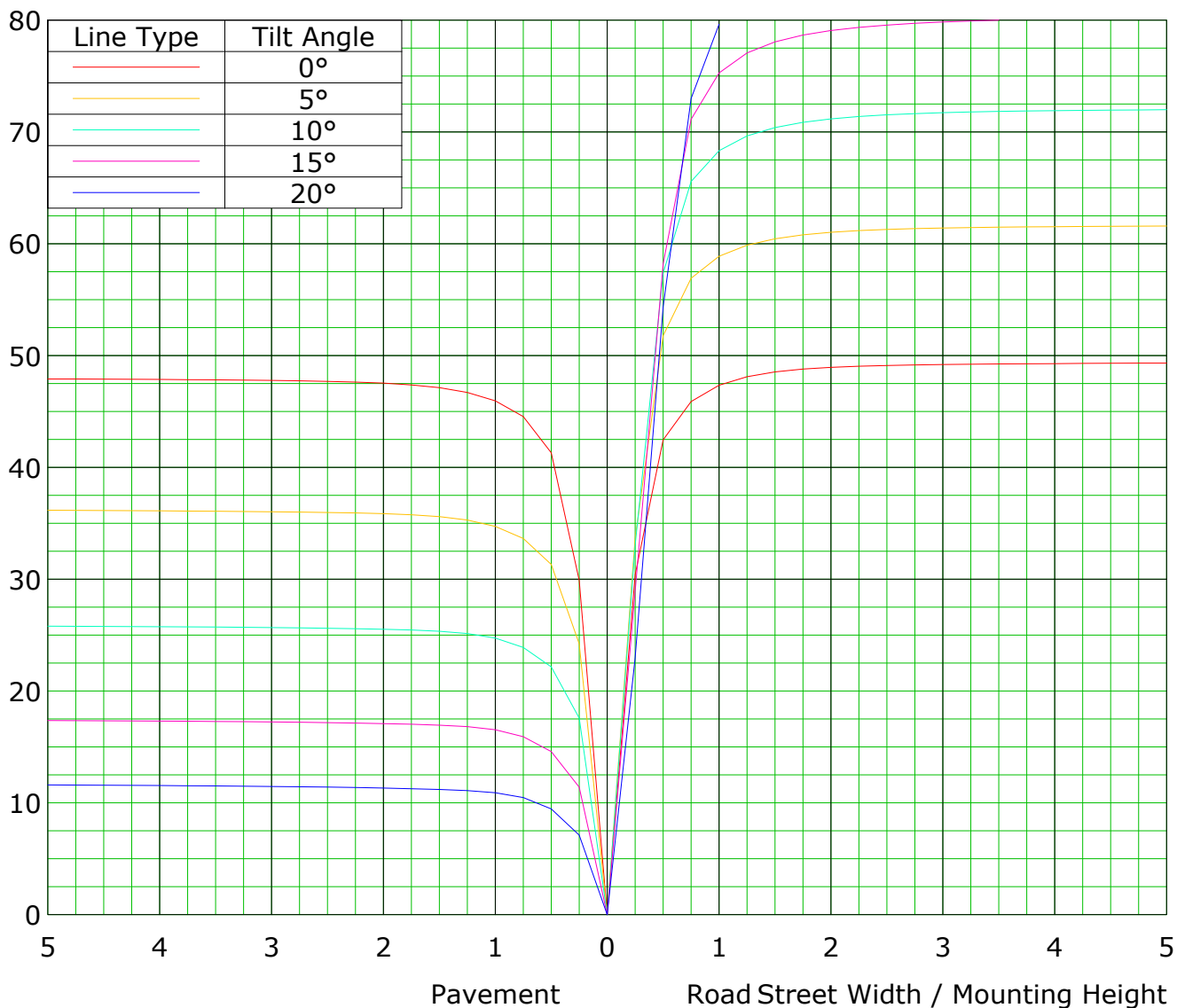
(1%): 0.2 lx	(2%): 0.3 lx
(5%): 0.8 lx	(10%): 1.5 lx
(20%): 3.0 lx	(50%): 7.6 lx
(100%): 15.2 lx	

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: 7.754 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

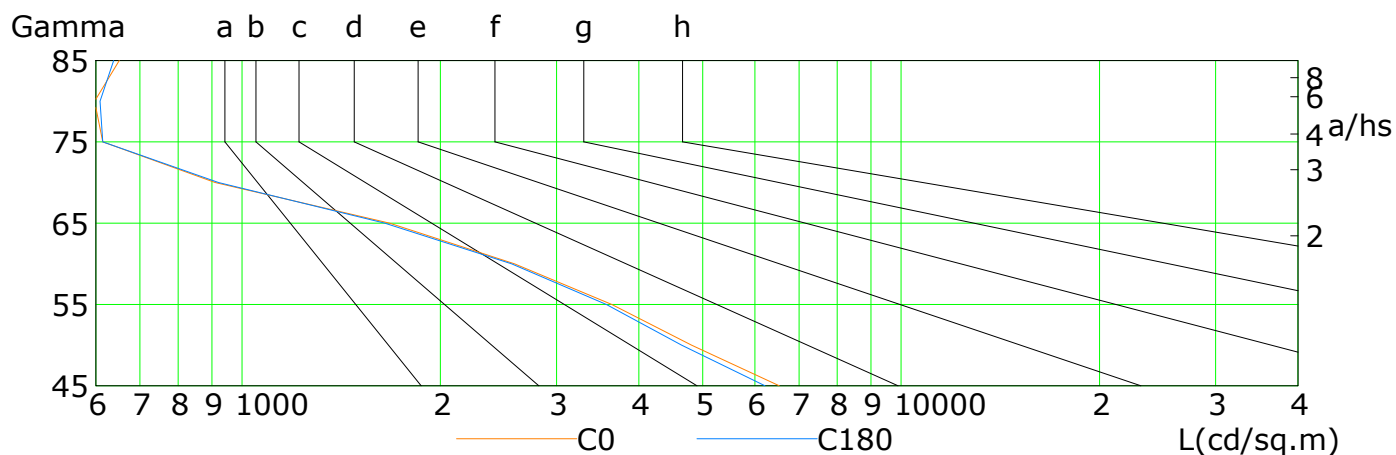
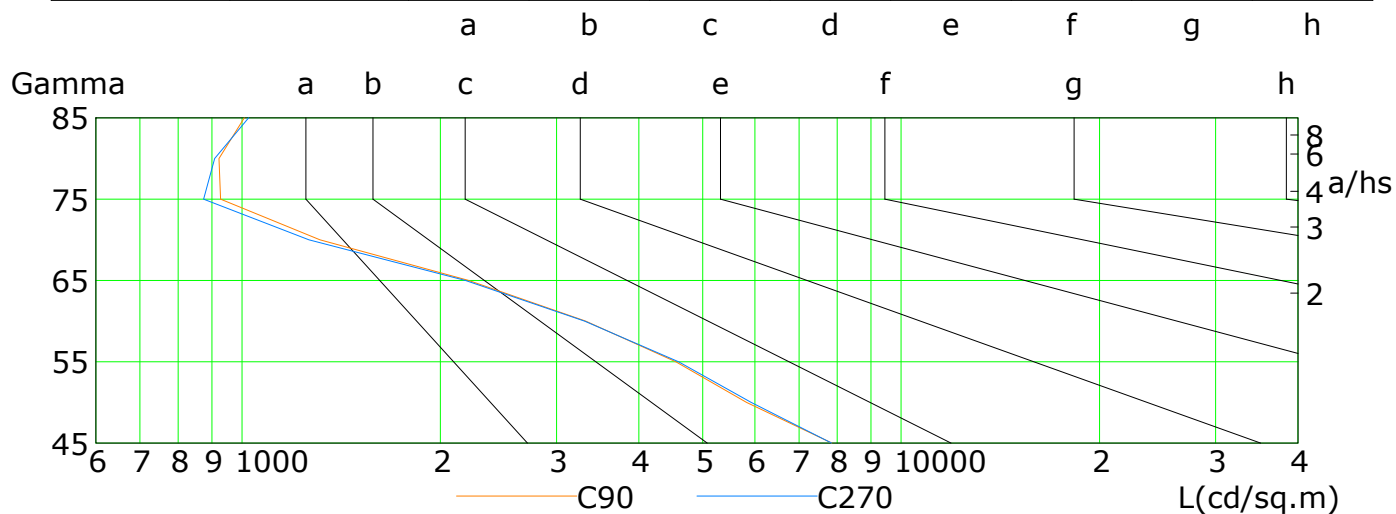
Distance: 7.754 m

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	6533	4807	3640	2591	1674	910	615	597	651
C90	7852	5827	4552	3323	2208	1313	928	923	1008
C180	6215	4643	3570	2564	1647	921	615	609	638
C270	7842	5923	4595	3309	2183	1263	874	909	1023

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

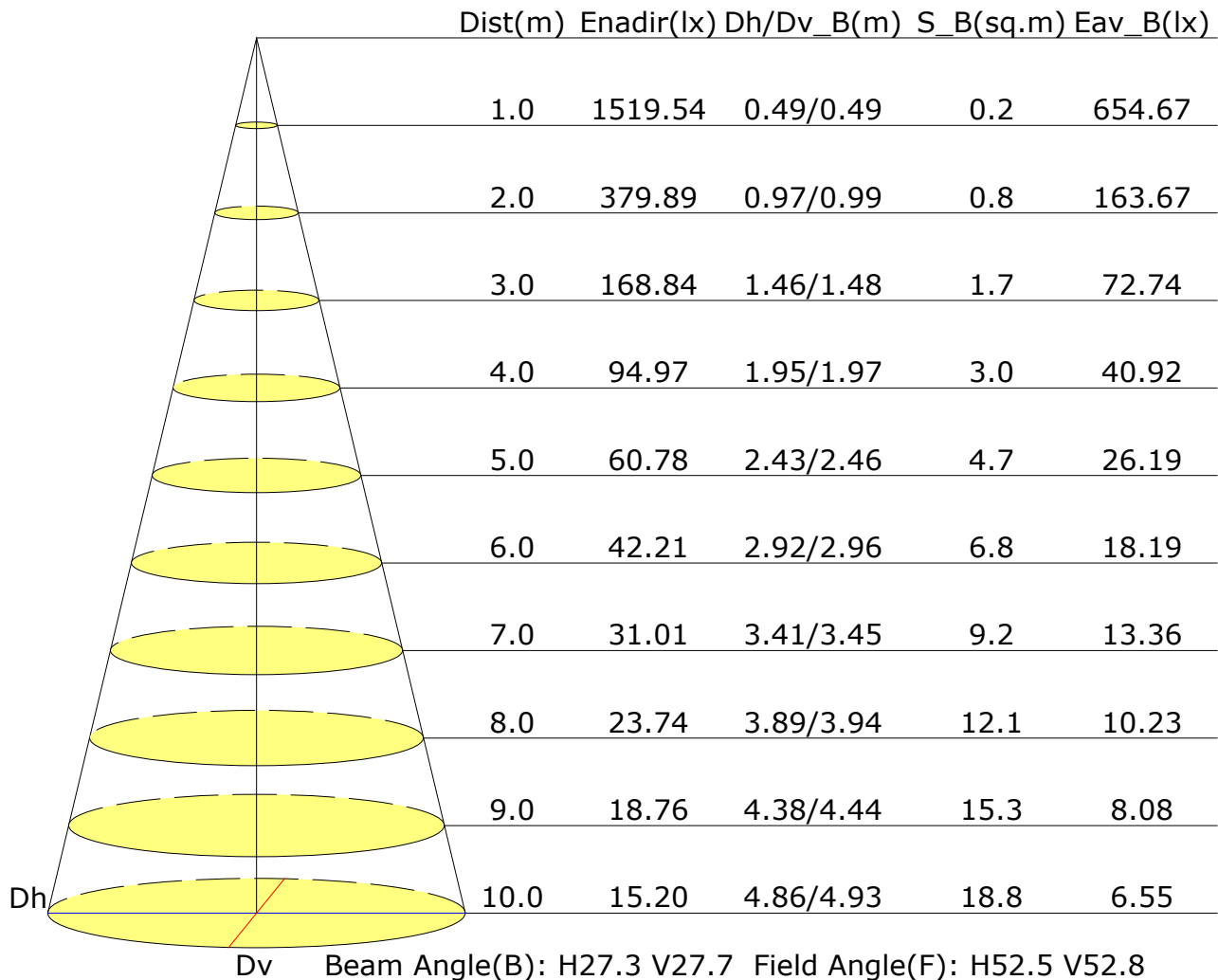
Test Device: GPM-1600L

Distance: 7.754 m

Humidity:

Inspector:

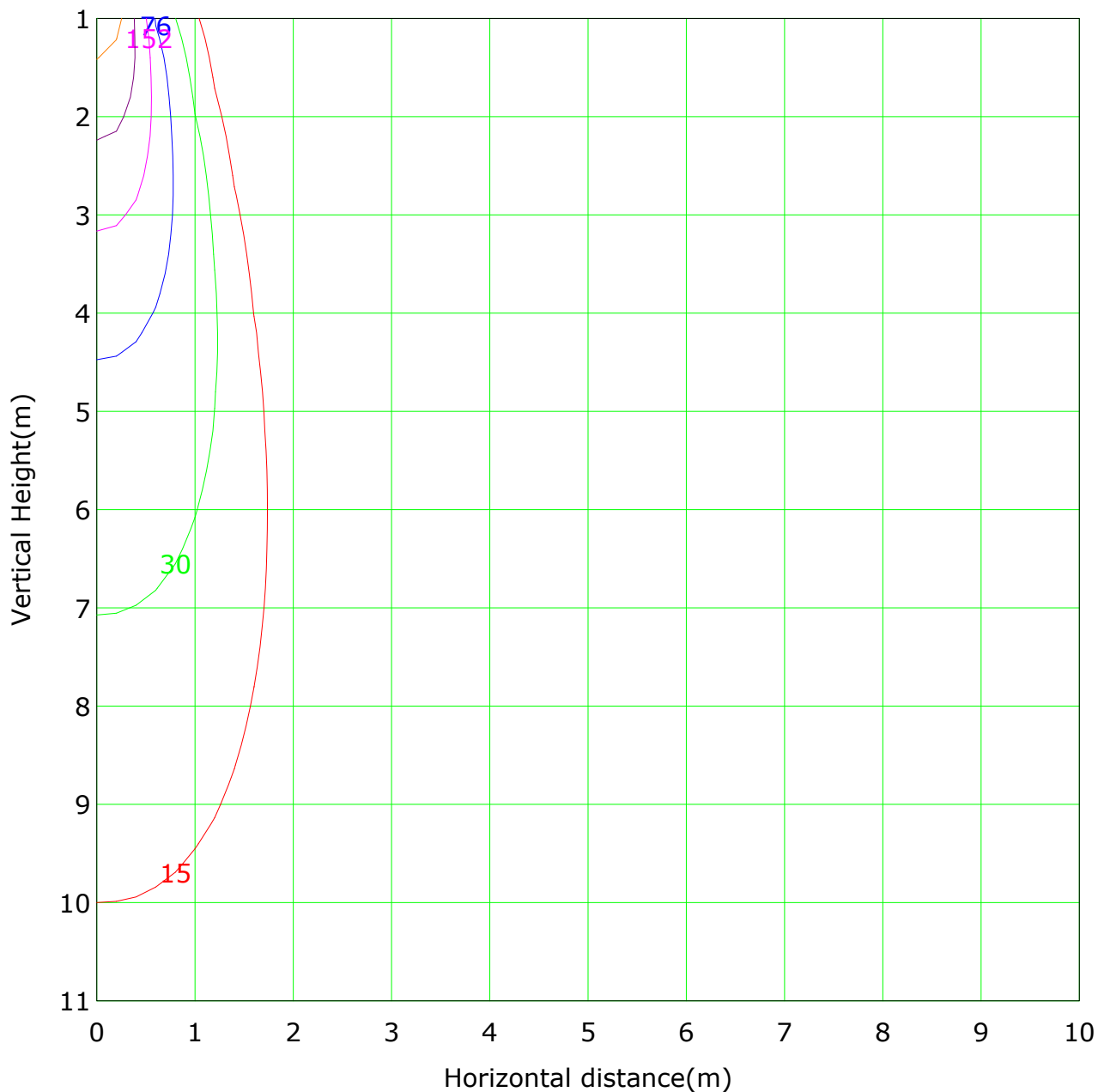
Illuminance at a Distance



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: 7.754 m
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1519.5 lx
— (1%): 15.2 lx — (2%): 30.4 lx
— (5%): 76.0 lx — (10%): 152.0 lx
— (20%): 303.9 lx — (50%): 759.8 lx
— (100%):1519.5 lx

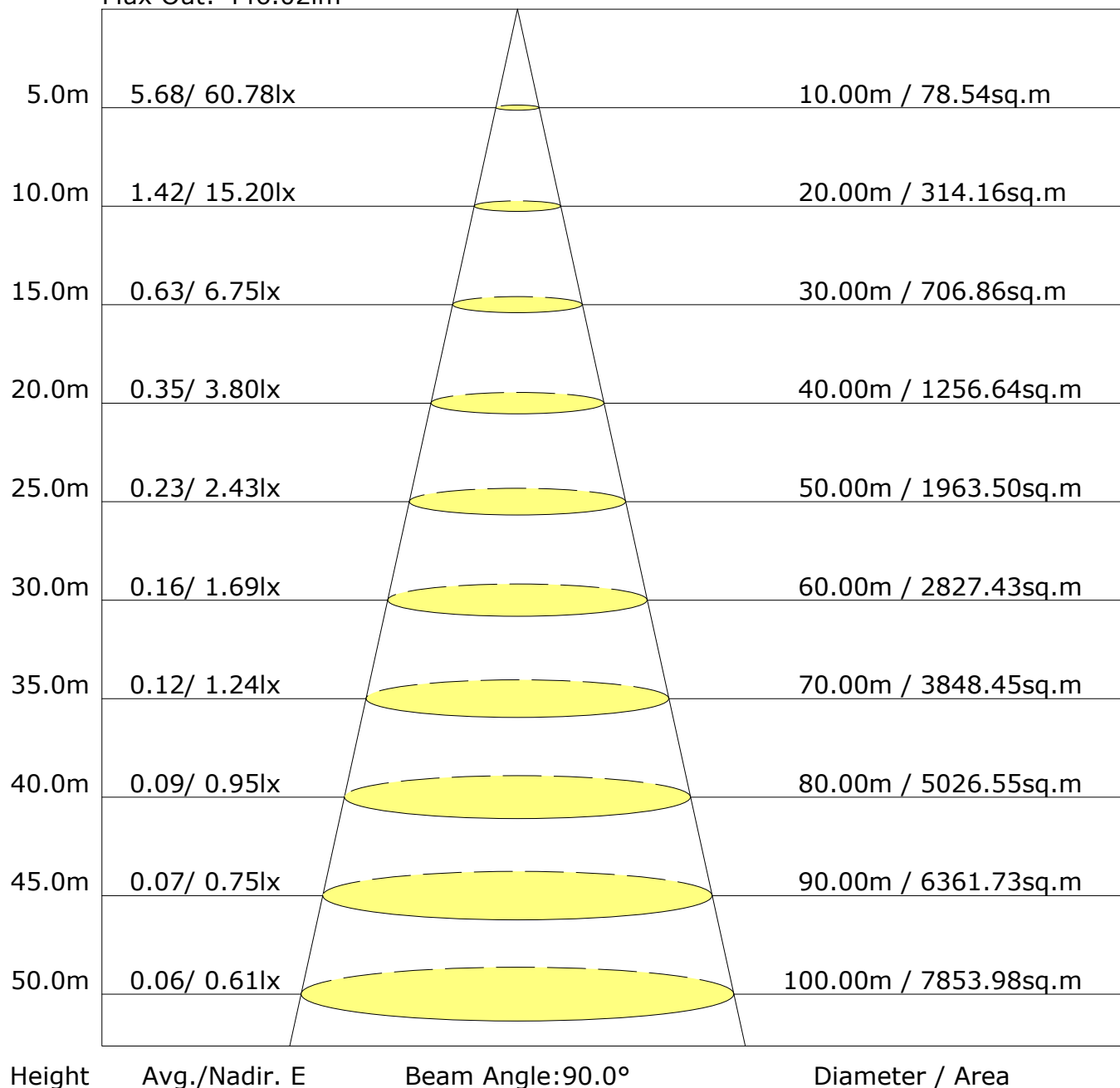
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.754 m
Humidity:
Inspector:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.754 m
Humidity:
Inspector:

The Average Illuminance Effective Figure

Flux Out: 446.02lm



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: 7.754 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	12.8	13.5	13.0	13.7	13.9	13.1	13.9	13.4	14.1	14.3
3H	12.9	13.6	13.2	13.8	14.1	13.3	14.0	13.6	14.2	14.5
4H	12.9	13.6	13.2	13.8	14.1	13.3	14.0	13.6	14.2	14.5
6H	12.9	13.5	13.2	13.8	14.1	13.3	14.0	13.7	14.2	14.5
8H	12.9	13.5	13.3	13.8	14.1	13.4	14.0	13.7	14.3	14.6
12H	13.0	13.5	13.3	13.8	14.2	13.4	14.0	13.8	14.3	14.6
X=4H Y=2H	12.8	13.5	13.2	13.8	14.0	13.2	13.8	13.5	14.1	14.4
3H	13.0	13.6	13.4	13.9	14.3	13.4	14.0	13.8	14.3	14.6
4H	13.1	13.6	13.4	13.9	14.3	13.4	13.9	13.8	14.3	14.7
6H	13.1	13.6	13.5	13.9	14.3	13.5	14.0	13.9	14.3	14.7
8H	13.2	13.6	13.6	14.0	14.4	13.6	14.0	14.0	14.4	14.8
12H	13.2	13.6	13.7	14.0	14.4	13.7	14.1	14.1	14.5	14.9
X=8H Y=4H	13.0	13.4	13.4	13.8	14.2	13.4	13.8	13.8	14.2	14.6
6H	13.1	13.4	13.6	13.9	14.3	13.5	13.8	14.0	14.3	14.7
8H	13.2	13.5	13.7	13.9	14.4	13.6	13.9	14.1	14.4	14.9
12H	13.3	13.6	13.8	14.1	14.6	13.8	14.1	14.3	14.5	15.0
X=12H Y=4H	13.0	13.3	13.4	13.8	14.2	13.3	13.7	13.8	14.1	14.6
6H	13.1	13.4	13.6	13.8	14.3	13.5	13.8	14.0	14.2	14.7
8H	13.2	13.5	13.7	13.9	14.4	13.6	13.9	14.1	14.4	14.9
Variations with the observer position at spacings:										
S=1.0H	+1.5/-1.5					+1.7/-1.4				
S=1.5H	+3.2/-2.9					+3.4/-2.8				
S=2.0H	+4.8/-5.0					+5.0/-4.9				

Calculate in accordance with CIE Pub.117. The table is revised with 490lm ($8\log(F/F_0) = -2.5$).

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: 7.754 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

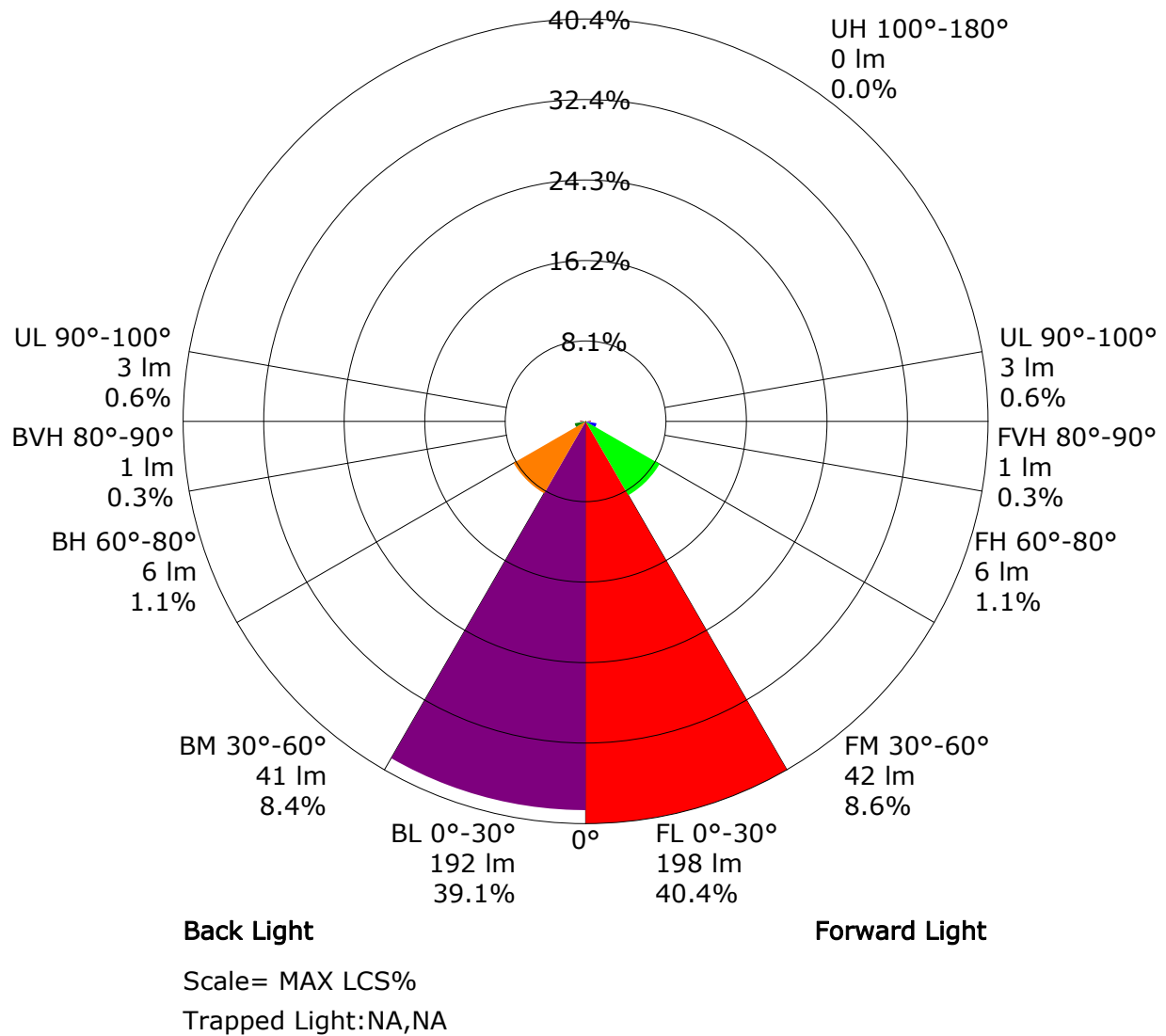
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	248	50.5
	FL (0°-30°)	198	40.4
	FM (30°-60°)	42	8.6
	FH (60°-80°)	6	1.1
	FVH (80°-90°)	1	0.3
	BACK LIGHT	240	48.9
	BL (0°-30°)	192	39.1
	BM (30°-60°)	41	8.4
	BH (60°-80°)	6	1.1
	BVH (80°-90°)	1	0.3
	UP LIGHT	3	0.6
	UL (90°-100°)	3	0.6
	UH (100°-180°)	0	0.0
	TRAPPED 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: 7.754 m
Humidity:
Inspector:

LCS Graph



Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.86	0.92	0.96	0.99	1.03	1.06	1.08	1.10	1.12	
	0.30		0.81	0.87	0.92	0.95	1.00	1.03	1.05	1.08	1.10	
	0.20		0.77	0.84	0.89	0.92	0.97	1.00	1.02	1.06	1.08	
0.50	0.50	0.20	0.84	0.90	0.94	0.97	1.00	1.03	1.04	1.06	1.08	
	0.30		0.80	0.86	0.90	0.93	0.97	1.00	1.02	1.04	1.06	
	0.20		0.77	0.83	0.87	0.91	0.95	0.98	1.00	1.03	1.05	
0.30	0.50	0.20	0.83	0.88	0.92	0.94	0.98	1.00	1.01	1.03	1.04	
	0.30		0.79	0.85	0.89	0.92	0.95	0.98	0.99	1.01	1.02	
	0.20		0.77	0.82	0.86	0.89	0.93	0.96	0.97	1.00	1.01	
0.00	0.00	0.00	0.75	0.80	0.84	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 = 0.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.59	0.48	0.41	0.35	0.28	0.23	0.20	0.15	0.12	
	0.30		0.50	0.41	0.35	0.31	0.25	0.21	0.18	0.14	0.12	
	0.20		0.42	0.36	0.31	0.28	0.23	0.20	0.17	0.14	0.11	
0.50	0.50	0.20	0.56	0.45	0.38	0.33	0.26	0.25	0.18	0.14	0.11	
	0.30		0.48	0.39	0.34	0.29	0.24	0.20	0.17	0.13	0.11	
	0.20		0.41	0.35	0.30	0.27	0.22	0.18	0.16	0.13	0.11	
0.30	0.50	0.20	0.54	0.43	0.36	0.31	0.24	0.20	0.17	0.13	0.10	
	0.30		0.46	0.38	0.32	0.28	0.22	0.18	0.16	0.12	0.10	
	0.20		0.40	0.34	0.29	0.25	0.21	0.17	0.15	0.12	0.10	
0.00	0.00	0.00	0.27	0.21	0.18	0.15	0.12	0.10	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 = 0.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.14	0.15	0.16	0.17	0.19	0.20	0.20	0.21	0.22	
	0.30		0.10	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	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.21	
	0.30		0.09	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	
	0.20		0.07	0.08	0.10	0.11	0.13	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	0.19	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	0.08	0.10	0.11	0.13	0.14	0.15	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	1514.6	1.4	1.4	0.30	0.30
1.0-2.0	1506.6	4.3	5.8	0.88	1.18
2.0-3.0	1489.7	7.1	12.9	1.45	2.63
3.0-4.0	1463.8	9.8	22.7	2.00	4.63
4.0-5.0	1429.4	12.3	35.0	2.51	7.14
5.0-6.0	1383.7	14.5	49.5	2.97	10.10
6.0-7.0	1329.4	16.5	66.0	3.37	13.47
7.0-8.0	1267.1	18.1	84.2	3.70	17.17
8.0-9.0	1195.8	19.4	103.6	3.95	21.12
9.0-10.0	1119.5	20.3	123.8	4.13	25.25
10.0-11.0	1036.4	20.7	144.5	4.22	29.47
11.0-12.0	949.8	20.8	165.3	4.23	33.71
12.0-13.0	867.1	20.6	185.9	4.20	37.90
13.0-14.0	781.7	20.0	205.9	4.08	41.98
14.0-15.0	697.4	19.1	225.0	3.90	45.89
15.0-16.0	619.9	18.2	243.2	3.70	49.59
16.0-17.0	546.8	17.0	260.2	3.47	53.06
17.0-18.0	482.1	15.9	276.1	3.24	56.31
18.0-19.0	421.7	14.7	290.8	2.99	59.30
19.0-20.0	367.0	13.4	304.2	2.74	62.04
20.0-21.0	322.0	12.4	316.6	2.52	64.56
21.0-22.0	281.3	11.3	327.9	2.30	66.86
22.0-23.0	245.6	10.3	338.2	2.10	68.97
23.0-24.0	215.5	9.4	347.6	1.92	70.89
24.0-25.0	189.4	8.6	356.3	1.76	72.64
25.0-26.0	168.1	7.9	364.2	1.62	74.26
26.0-27.0	149.1	7.3	371.5	1.49	75.75
27.0-28.0	132.5	6.7	378.2	1.37	77.12
28.0-29.0	118.9	6.2	384.4	1.27	78.39
29.0-30.0	106.9	5.8	390.2	1.18	79.56
30.0-31.0	96.8	5.4	395.6	1.10	80.66
31.0-32.0	87.9	5.0	400.6	1.03	81.69
32.0-33.0	80.1	4.7	405.3	0.96	82.65
33.0-34.0	73.6	4.5	409.8	0.91	83.56
34.0-35.0	67.6	4.2	414.0	0.86	84.42
35.0-36.0	62.2	4.0	417.9	0.81	85.22

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: 7.754 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	57.5	3.8	421.7	0.76	85.99
37.0-38.0	53.3	3.6	425.3	0.73	86.71
38.0-39.0	49.7	3.4	428.7	0.69	87.41
39.0-40.0	46.4	3.2	431.9	0.66	88.07
40.0-41.0	43.3	3.1	435.0	0.63	88.69
41.0-42.0	40.6	2.9	437.9	0.60	89.30
42.0-43.0	38.0	2.8	440.7	0.57	89.87
43.0-44.0	35.7	2.7	443.4	0.55	90.42
44.0-45.0	33.6	2.6	446.0	0.53	90.95
45.0-46.0	31.7	2.5	448.5	0.50	91.45
46.0-47.0	29.9	2.4	450.9	0.48	91.94
47.0-48.0	28.1	2.3	453.1	0.46	92.40
48.0-49.0	26.4	2.2	455.3	0.44	92.84
49.0-50.0	24.7	2.1	457.4	0.42	93.26
50.0-51.0	23.3	2.0	459.3	0.40	93.66
51.0-52.0	22.0	1.9	461.2	0.39	94.05
52.0-53.0	20.9	1.8	463.1	0.37	94.42
53.0-54.0	19.8	1.7	464.8	0.36	94.78
54.0-55.0	18.6	1.7	466.5	0.34	95.12
55.0-56.0	17.4	1.6	468.0	0.32	95.44
56.0-57.0	16.2	1.5	469.5	0.30	95.74
57.0-58.0	15.2	1.4	470.9	0.29	96.02
58.0-59.0	14.1	1.3	472.2	0.27	96.29
59.0-60.0	13.1	1.2	473.5	0.25	96.55
60.0-61.0	12.1	1.2	474.6	0.23	96.78
61.0-62.0	11.0	1.1	475.7	0.22	97.00
62.0-63.0	10.0	1.0	476.7	0.20	97.20
63.0-64.0	9.2	0.9	477.6	0.18	97.38
64.0-65.0	8.3	0.8	478.4	0.17	97.55
65.0-66.0	7.6	0.8	479.1	0.15	97.70
66.0-67.0	6.7	0.7	479.8	0.14	97.84
67.0-68.0	5.9	0.6	480.4	0.12	97.96
68.0-69.0	5.1	0.5	480.9	0.11	98.07
69.0-70.0	4.5	0.5	481.4	0.09	98.16
70.0-71.0	4.1	0.4	481.8	0.09	98.25
71.0-72.0	3.8	0.4	482.2	0.08	98.33

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: 7.754 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	482.6	0.07	98.40
73.0-74.0	3.1	0.3	482.9	0.07	98.47
74.0-75.0	2.9	0.3	483.2	0.06	98.53
75.0-76.0	2.7	0.3	483.5	0.06	98.59
76.0-77.0	2.6	0.3	483.8	0.06	98.65
77.0-78.0	2.6	0.3	484.1	0.06	98.70
78.0-79.0	2.6	0.3	484.3	0.06	98.76
79.0-80.0	2.6	0.3	484.6	0.06	98.82
80.0-81.0	2.6	0.3	484.9	0.06	98.87
81.0-82.0	2.6	0.3	485.2	0.06	98.93
82.0-83.0	2.6	0.3	485.5	0.06	98.99
83.0-84.0	2.6	0.3	485.7	0.06	99.05
84.0-85.0	2.6	0.3	486.0	0.06	99.10
85.0-86.0	2.6	0.3	486.3	0.06	99.16
86.0-87.0	2.6	0.3	486.6	0.06	99.22
87.0-88.0	2.6	0.3	486.9	0.06	99.28
88.0-89.0	2.6	0.3	487.1	0.06	99.33
89.0-90.0	2.6	0.3	487.4	0.06	99.39
90.0-91.0	2.6	0.3	487.7	0.06	99.45
91.0-92.0	2.6	0.3	488.0	0.06	99.51
92.0-93.0	2.6	0.3	488.3	0.06	99.57
93.0-94.0	2.6	0.3	488.6	0.06	99.62
94.0-95.0	2.6	0.3	488.9	0.06	99.68
95.0-96.0	2.6	0.3	489.1	0.06	99.74
96.0-97.0	2.6	0.3	489.4	0.06	99.80
97.0-98.0	2.6	0.3	489.7	0.06	99.86
98.0-99.0	2.6	0.3	490.0	0.06	99.91
99.0-100.0	2.6	0.3	490.3	0.06	99.97
100.0-101.0	1.3	0.1	490.4	0.03	100.00
101.0-102.0	0.0	0.0	490.4	0.00	100.00
102.0-103.0	0.0	0.0	490.4	0.00	100.00
103.0-104.0	0.0	0.0	490.4	0.00	100.00
104.0-105.0	0.0	0.0	490.4	0.00	100.00
105.0-106.0	0.0	0.0	490.4	0.00	100.00
106.0-107.0	0.0	0.0	490.4	0.00	100.00
107.0-108.0	0.0	0.0	490.4	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: 7.754 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	490.4	0.00	100.00
109.0-110.0	0.0	0.0	490.4	0.00	100.00
110.0-111.0	0.0	0.0	490.4	0.00	100.00
111.0-112.0	0.0	0.0	490.4	0.00	100.00
112.0-113.0	0.0	0.0	490.4	0.00	100.00
113.0-114.0	0.0	0.0	490.4	0.00	100.00
114.0-115.0	0.0	0.0	490.4	0.00	100.00
115.0-116.0	0.0	0.0	490.4	0.00	100.00
116.0-117.0	0.0	0.0	490.4	0.00	100.00
117.0-118.0	0.0	0.0	490.4	0.00	100.00
118.0-119.0	0.0	0.0	490.4	0.00	100.00
119.0-120.0	0.0	0.0	490.4	0.00	100.00
120.0-121.0	0.0	0.0	490.4	0.00	100.00
121.0-122.0	0.0	0.0	490.4	0.00	100.00
122.0-123.0	0.0	0.0	490.4	0.00	100.00
123.0-124.0	0.0	0.0	490.4	0.00	100.00
124.0-125.0	0.0	0.0	490.4	0.00	100.00
125.0-126.0	0.0	0.0	490.4	0.00	100.00
126.0-127.0	0.0	0.0	490.4	0.00	100.00
127.0-128.0	0.0	0.0	490.4	0.00	100.00
128.0-129.0	0.0	0.0	490.4	0.00	100.00
129.0-130.0	0.0	0.0	490.4	0.00	100.00
130.0-131.0	0.0	0.0	490.4	0.00	100.00
131.0-132.0	0.0	0.0	490.4	0.00	100.00
132.0-133.0	0.0	0.0	490.4	0.00	100.00
133.0-134.0	0.0	0.0	490.4	0.00	100.00
134.0-135.0	0.0	0.0	490.4	0.00	100.00
135.0-136.0	0.0	0.0	490.4	0.00	100.00
136.0-137.0	0.0	0.0	490.4	0.00	100.00
137.0-138.0	0.0	0.0	490.4	0.00	100.00
138.0-139.0	0.0	0.0	490.4	0.00	100.00
139.0-140.0	0.0	0.0	490.4	0.00	100.00
140.0-141.0	0.0	0.0	490.4	0.00	100.00
141.0-142.0	0.0	0.0	490.4	0.00	100.00
142.0-143.0	0.0	0.0	490.4	0.00	100.00
143.0-144.0	0.0	0.0	490.4	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: 7.754 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	490.4	0.00	100.00
145.0-146.0	0.0	0.0	490.4	0.00	100.00
146.0-147.0	0.0	0.0	490.4	0.00	100.00
147.0-148.0	0.0	0.0	490.4	0.00	100.00
148.0-149.0	0.0	0.0	490.4	0.00	100.00
149.0-150.0	0.0	0.0	490.4	0.00	100.00
150.0-151.0	0.0	0.0	490.4	0.00	100.00
151.0-152.0	0.0	0.0	490.4	0.00	100.00
152.0-153.0	0.0	0.0	490.4	0.00	100.00
153.0-154.0	0.0	0.0	490.4	0.00	100.00
154.0-155.0	0.0	0.0	490.4	0.00	100.00
155.0-156.0	0.0	0.0	490.4	0.00	100.00
156.0-157.0	0.0	0.0	490.4	0.00	100.00
157.0-158.0	0.0	0.0	490.4	0.00	100.00
158.0-159.0	0.0	0.0	490.4	0.00	100.00
159.0-160.0	0.0	0.0	490.4	0.00	100.00
160.0-161.0	0.0	0.0	490.4	0.00	100.00
161.0-162.0	0.0	0.0	490.4	0.00	100.00
162.0-163.0	0.0	0.0	490.4	0.00	100.00
163.0-164.0	0.0	0.0	490.4	0.00	100.00
164.0-165.0	0.0	0.0	490.4	0.00	100.00
165.0-166.0	0.0	0.0	490.4	0.00	100.00
166.0-167.0	0.0	0.0	490.4	0.00	100.00
167.0-168.0	0.0	0.0	490.4	0.00	100.00
168.0-169.0	0.0	0.0	490.4	0.00	100.00
169.0-170.0	0.0	0.0	490.4	0.00	100.00
170.0-171.0	0.0	0.0	490.4	0.00	100.00
171.0-172.0	0.0	0.0	490.4	0.00	100.00
172.0-173.0	0.0	0.0	490.4	0.00	100.00
173.0-174.0	0.0	0.0	490.4	0.00	100.00
174.0-175.0	0.0	0.0	490.4	0.00	100.00
175.0-176.0	0.0	0.0	490.4	0.00	100.00
176.0-177.0	0.0	0.0	490.4	0.00	100.00
177.0-178.0	0.0	0.0	490.4	0.00	100.00
178.0-179.0	0.0	0.0	490.4	0.00	100.00
179.0-180.0	0.0	0.0	490.4	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: 7.754 m

Humidity:

Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	1519.5	1514.0	1519.5	1514.0	1519.5					
G1.0	1517.7	1504.2	1512.5	1515.0	1517.7					
G2.0	1510.1	1486.1	1497.6	1509.7	1510.1					
G3.0	1490.8	1456.6	1471.5	1495.1	1490.8					
G4.0	1462.9	1423.2	1437.9	1472.5	1462.9					
G5.0	1426.2	1378.6	1394.2	1439.7	1426.2					
G6.0	1374.8	1323.2	1340.5	1392.7	1374.8					
G7.0	1322.0	1262.4	1280.2	1339.9	1322.0					
G8.0	1256.1	1198.3	1204.4	1273.2	1256.1					
G9.0	1180.0	1117.9	1132.5	1203.8	1180.0					
G10.0	1101.5	1042.0	1051.8	1126.5	1101.5					
G11.0	1015.2	952.3	960.4	1041.5	1015.2					
G12.0	929.6	867.6	874.7	956.9	929.6					
G13.0	847.7	788.4	794.5	877.3	847.7					
G14.0	755.3	699.5	704.8	785.6	755.3					
G15.0	678.5	625.0	625.8	704.2	678.5					
G16.0	602.2	552.6	549.6	621.4	602.2					
G17.0	528.8	483.0	483.5	553.2	528.8					
G18.0	467.4	425.0	425.7	490.2	467.4					
G19.0	405.5	366.7	367.6	425.4	405.5					
G20.0	355.4	321.9	320.8	372.8	355.4					
G21.0	313.3	281.3	282.0	328.5	313.3					
G22.0	271.6	244.4	244.0	284.9	271.6					
G23.0	240.1	214.4	215.5	250.1	240.1					
G24.0	210.1	187.8	187.6	218.6	210.1					
G25.0	185.5	166.2	166.1	192.9	185.5					
G26.0	165.4	148.7	148.3	171.6	165.4					
G27.0	145.5	131.8	131.1	150.8	145.5					
G28.0	130.1	118.5	117.6	134.5	130.1					
G29.0	117.2	107.7	105.4	119.8	117.2					
G30.0	104.7	97.0	95.4	107.9	104.7					
G31.0	95.2	88.9	87.2	98.0	95.2					
G32.0	85.9	80.9	79.0	88.1	85.9					
G33.0	78.5	74.7	72.8	80.7	78.5					
G34.0	72.3	68.9	67.1	73.8	72.3					
G35.0	66.3	63.4	61.7	67.4	66.3					
G36.0	61.2	58.7	57.0	62.0	61.2					

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: 7.754 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	56.8	54.8	52.7	56.8	56.8					
G38.0	52.5	50.9	49.4	52.8	52.5					
G39.0	49.0	47.5	46.1	49.2	49.0					
G40.0	45.7	44.5	43.2	45.7	45.7					
G41.0	42.6	41.8	40.5	42.6	42.6					
G42.0	40.0	39.2	38.1	39.9	40.0					
G43.0	37.4	36.8	35.7	37.2	37.4					
G44.0	35.3	34.8	33.7	35.0	35.3					
G45.0	33.3	32.8	31.6	32.7	33.3					
G46.0	31.3	30.9	29.8	30.9	31.3					
G47.0	29.5	29.1	28.3	29.2	29.5					
G48.0	27.6	27.4	26.7	27.4	27.6					
G49.0	25.8	25.5	25.2	25.6	25.8					
G50.0	24.4	23.8	23.5	24.2	24.4					
G51.0	23.0	22.4	22.1	22.7	23.0					
G52.0	21.8	21.3	21.1	21.6	21.8					
G53.0	20.6	20.3	20.1	20.4	20.6					
G54.0	19.4	19.1	19.0	19.2	19.4					
G55.0	18.3	18.0	17.9	18.2	18.3					
G56.0	16.8	16.7	16.8	16.9	16.8					
G57.0	15.8	15.5	15.6	15.8	15.8					
G58.0	14.7	14.6	14.6	14.8	14.7					
G59.0	13.7	13.6	13.6	13.7	13.7					
G60.0	12.7	12.6	12.6	12.6	12.7					
G61.0	11.7	11.6	11.4	11.3	11.7					
G62.0	10.6	10.5	10.4	10.4	10.6					
G63.0	9.8	9.6	9.5	9.5	9.8					
G64.0	8.9	8.7	8.7	8.7	8.9					
G65.0	8.0	8.0	7.9	7.9	8.0					
G66.0	7.3	7.3	7.1	7.1	7.3					
G67.0	6.4	6.5	6.1	6.1	6.4					
G68.0	5.5	5.7	5.3	5.3	5.5					
G69.0	4.7	4.9	4.7	4.6	4.7					
G70.0	4.2	4.5	4.3	4.3	4.2					
G71.0	3.9	4.2	3.9	3.9	3.9					
G72.0	3.5	3.8	3.5	3.5	3.5					
G73.0	3.2	3.5	3.2	3.2	3.2					

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: 7.754 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	2.9	3.2	2.9	3.0	2.9					
G75.0	2.7	2.9	2.7	2.8	2.7					
G76.0	2.6	2.7	2.5	2.6	2.6					
G77.0	2.5	2.7	2.5	2.6	2.5					
G78.0	2.5	2.7	2.5	2.7	2.5					
G79.0	2.5	2.7	2.5	2.7	2.5					
G80.0	2.5	2.7	2.5	2.6	2.5					
G81.0	2.5	2.7	2.5	2.6	2.5					
G82.0	2.5	2.7	2.5	2.6	2.5					
G83.0	2.5	2.7	2.5	2.7	2.5					
G84.0	2.5	2.7	2.5	2.6	2.5					
G85.0	2.5	2.6	2.5	2.7	2.5					
G86.0	2.6	2.7	2.5	2.7	2.6					
G87.0	2.5	2.7	2.4	2.6	2.5					
G88.0	2.6	2.7	2.5	2.6	2.6					
G89.0	2.5	2.7	2.5	2.6	2.5					
G90.0	2.5	2.8	2.5	2.6	2.5					
G91.0	2.5	2.8	2.5	2.6	2.5					
G92.0	2.6	2.8	2.5	2.6	2.6					
G93.0	2.6	2.8	2.5	2.7	2.6					
G94.0	2.6	2.8	2.5	2.7	2.6					
G95.0	2.6	2.7	2.5	2.6	2.6					
G96.0	2.5	2.7	2.5	2.6	2.5					
G97.0	2.6	2.8	2.5	2.6	2.6					
G98.0	2.6	2.8	2.5	2.7	2.6					
G99.0	2.5	2.8	2.5	2.7	2.5					
G100.0	2.5	2.8	2.5	2.7	2.5					
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: 7.754 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: 7.754 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: 7.754 m

Humidity:

Inspector: