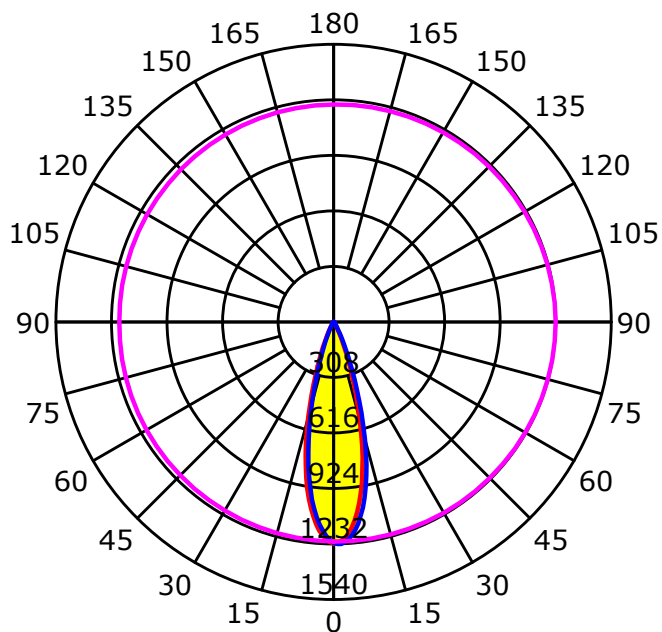
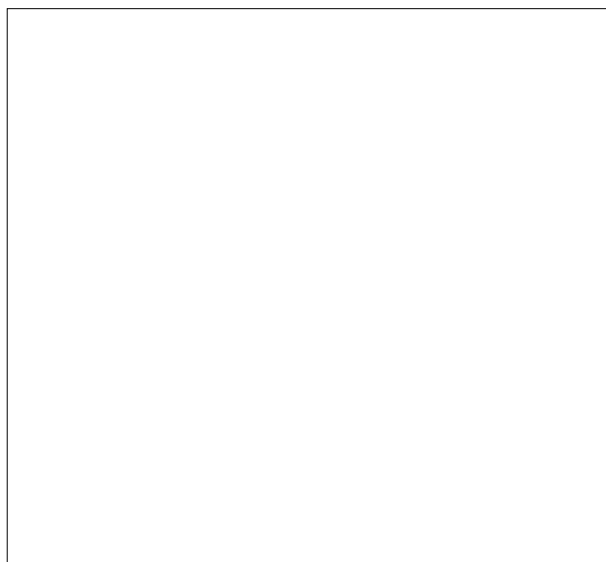
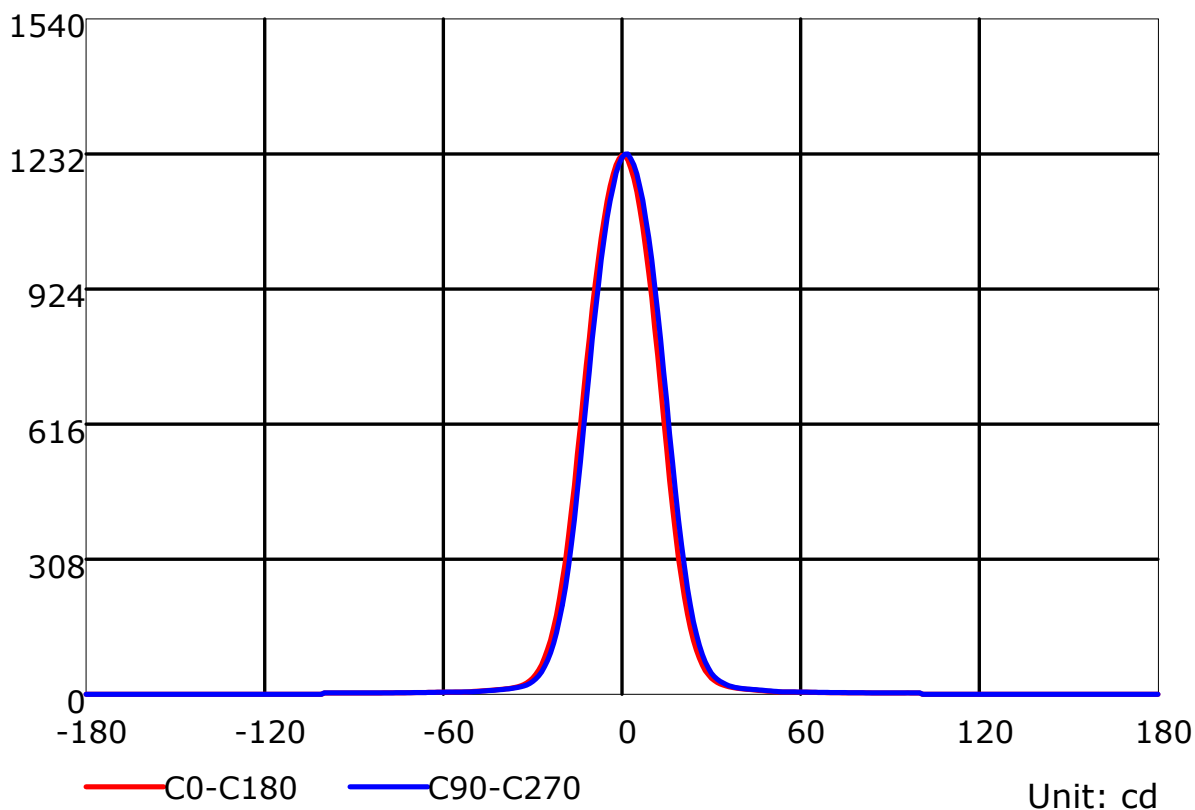
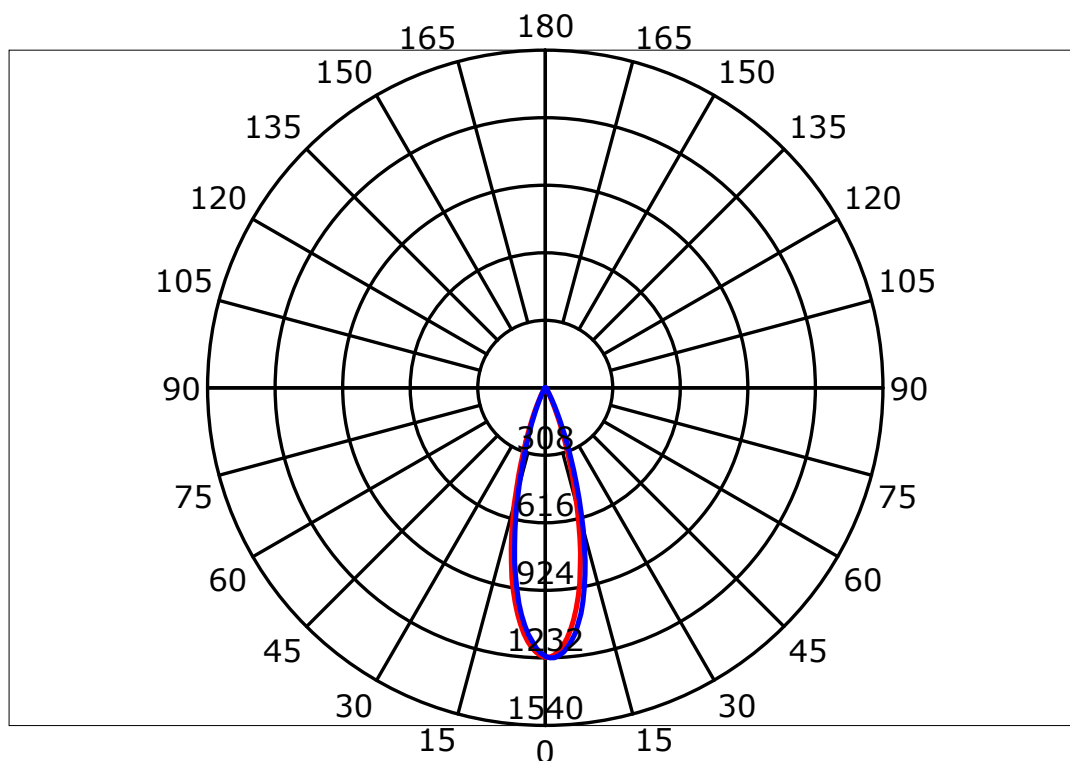




Luminous Intensity Distribution Curve

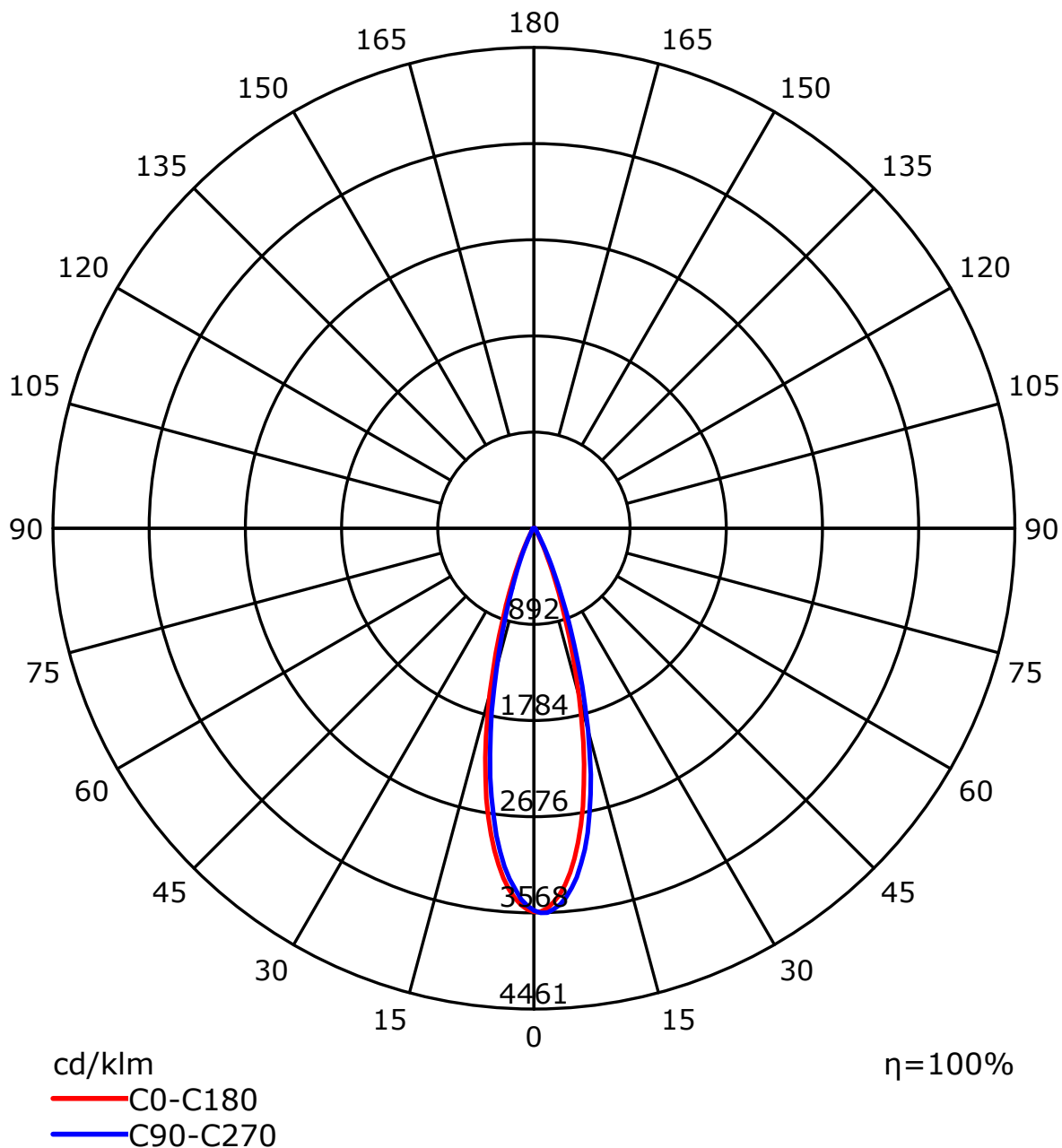


Unit: cd

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:

Luminous Intensity Distribution Curve(cd/klm)



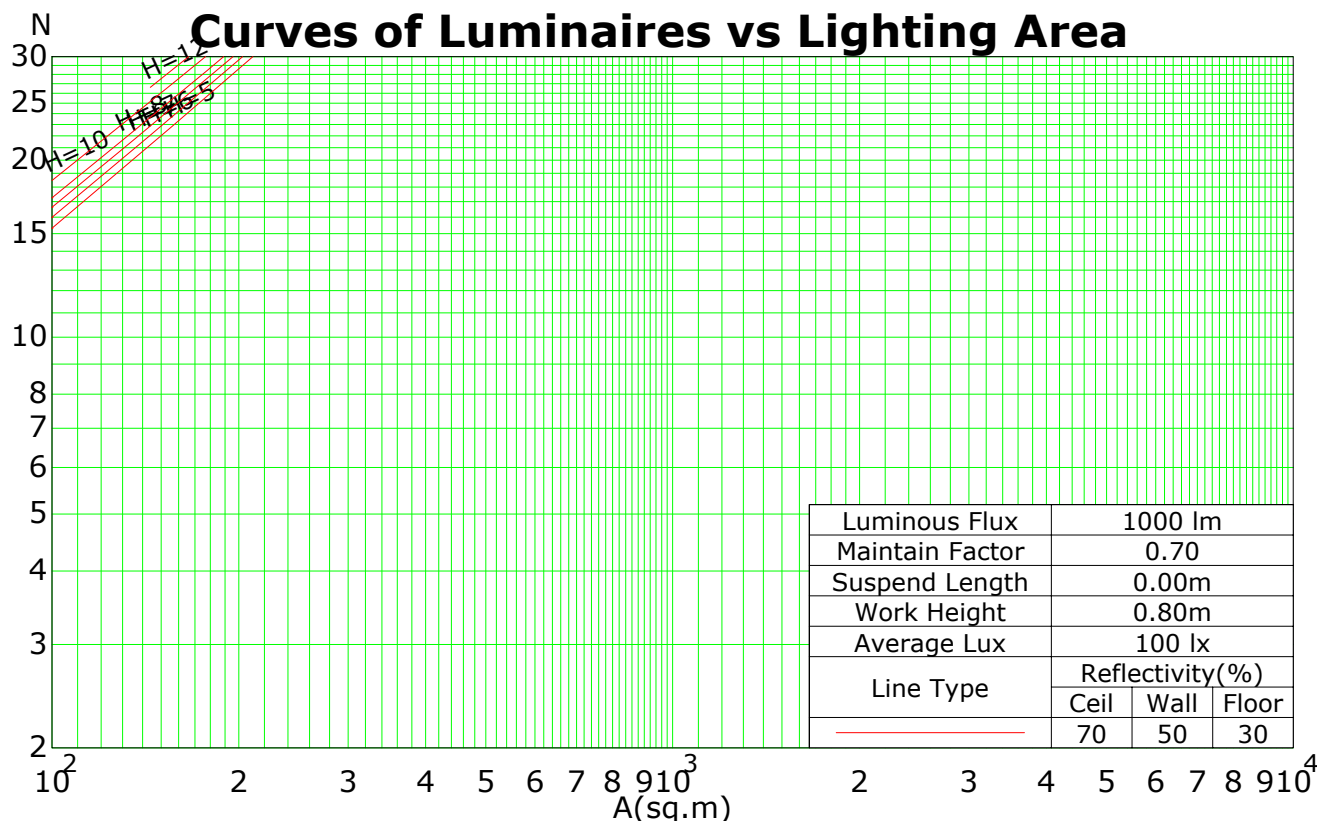
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	107	111	109	107	105	105	103	101	101	99	98	97	96	95	93
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	105	100	95	92	103	98	94	91	96	92	90	93	90	88	91	89	87	85
4	101	95	91	87	100	94	90	86	92	88	85	90	87	84	88	85	83	82
5	98	91	86	83	96	90	86	82	88	85	82	87	83	81	85	82	80	79
6	95	87	83	79	93	87	82	79	85	81	78	84	80	78	83	80	77	76
7	92	84	80	76	90	84	79	76	82	78	76	81	78	75	80	77	75	74
8	89	81	77	73	88	81	76	73	80	76	73	79	75	73	78	75	72	71
9	86	79	74	71	85	78	74	71	77	73	71	76	73	70	76	72	70	69
10	84	76	72	69	83	76	72	69	75	71	68	74	71	68	74	70	68	67

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

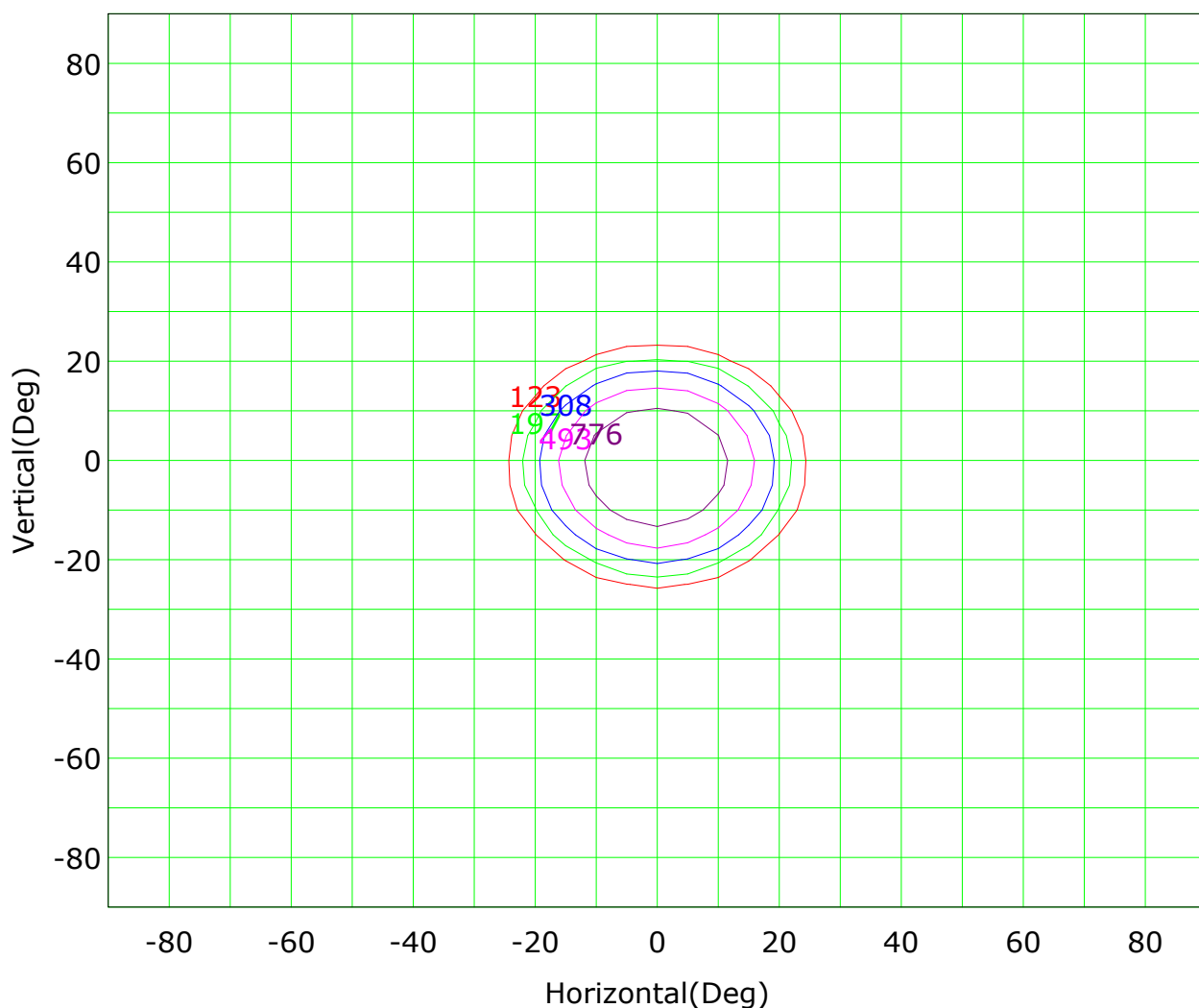
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Isocandela (rectangle)



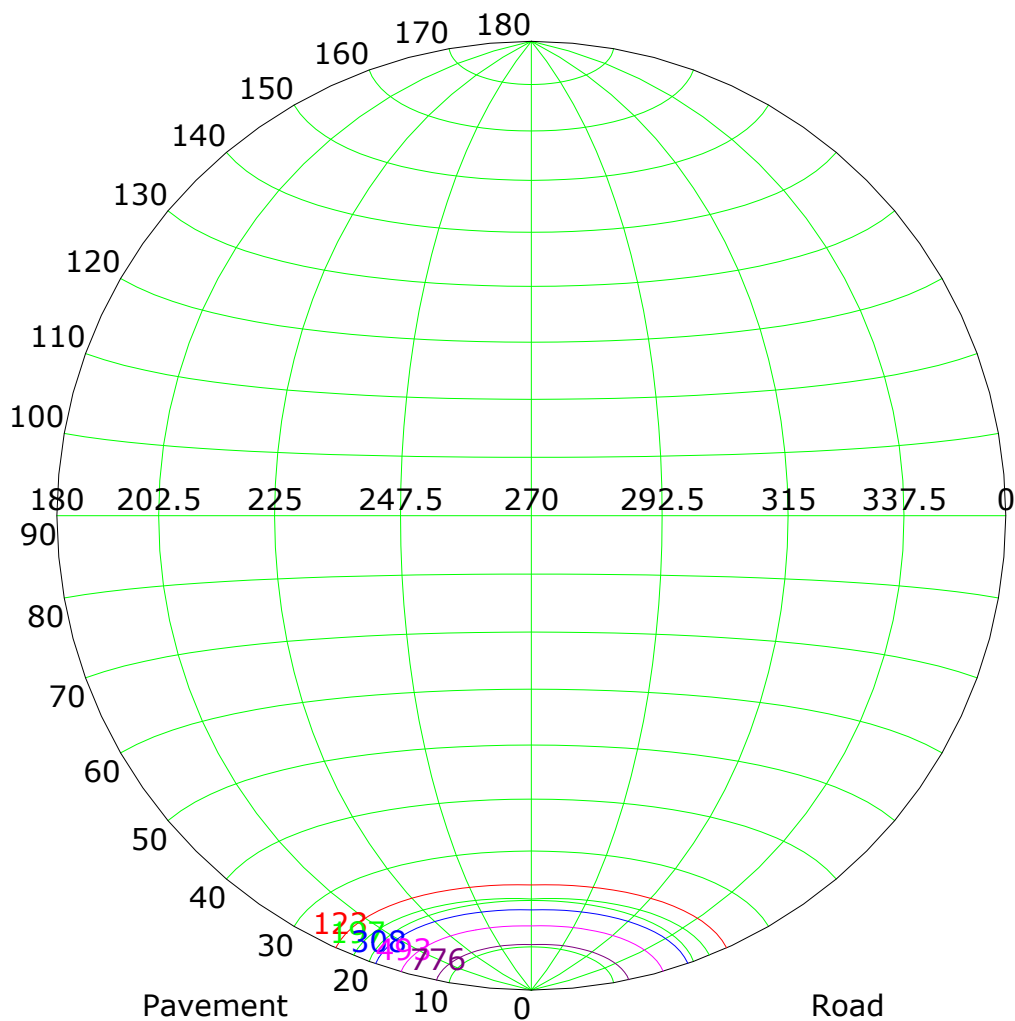
Imax (100%): 1232 cd

(10%): 123 cd	(16%): 197 cd
(25%): 308 cd	(40%): 493 cd
(63%): 776 cd	(100%): 1232 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:

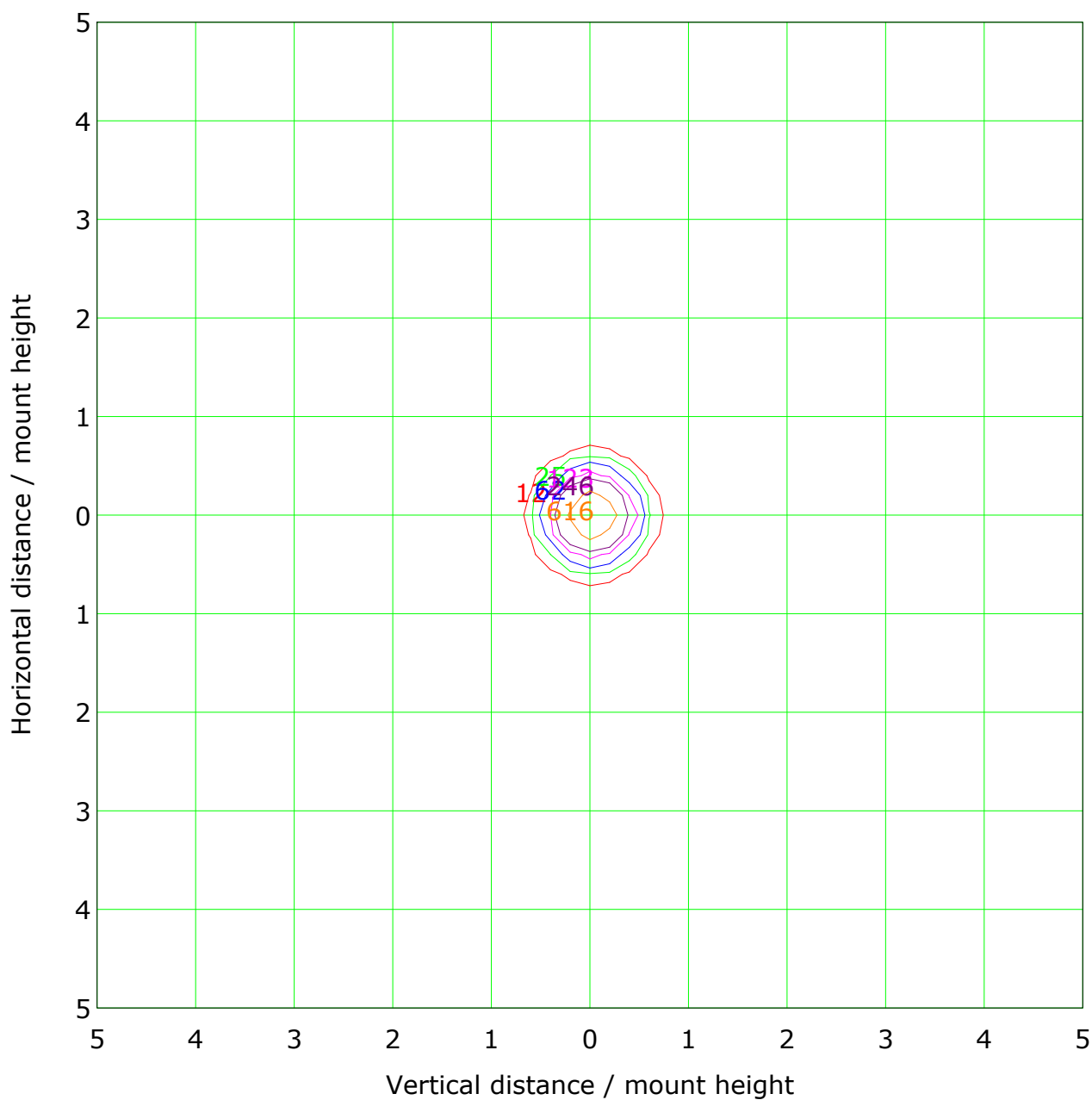
Isocandela (sphere)



Imax (100%): 1232 cd

(10%): 123 cd	(16%): 197 cd
(25%): 308 cd	(40%): 493 cd
(63%): 776 cd	(100%): 1232 cd

IsoLux Plot



Mounting Height: 1.0m Max Lux(100%): 1231.3 lx

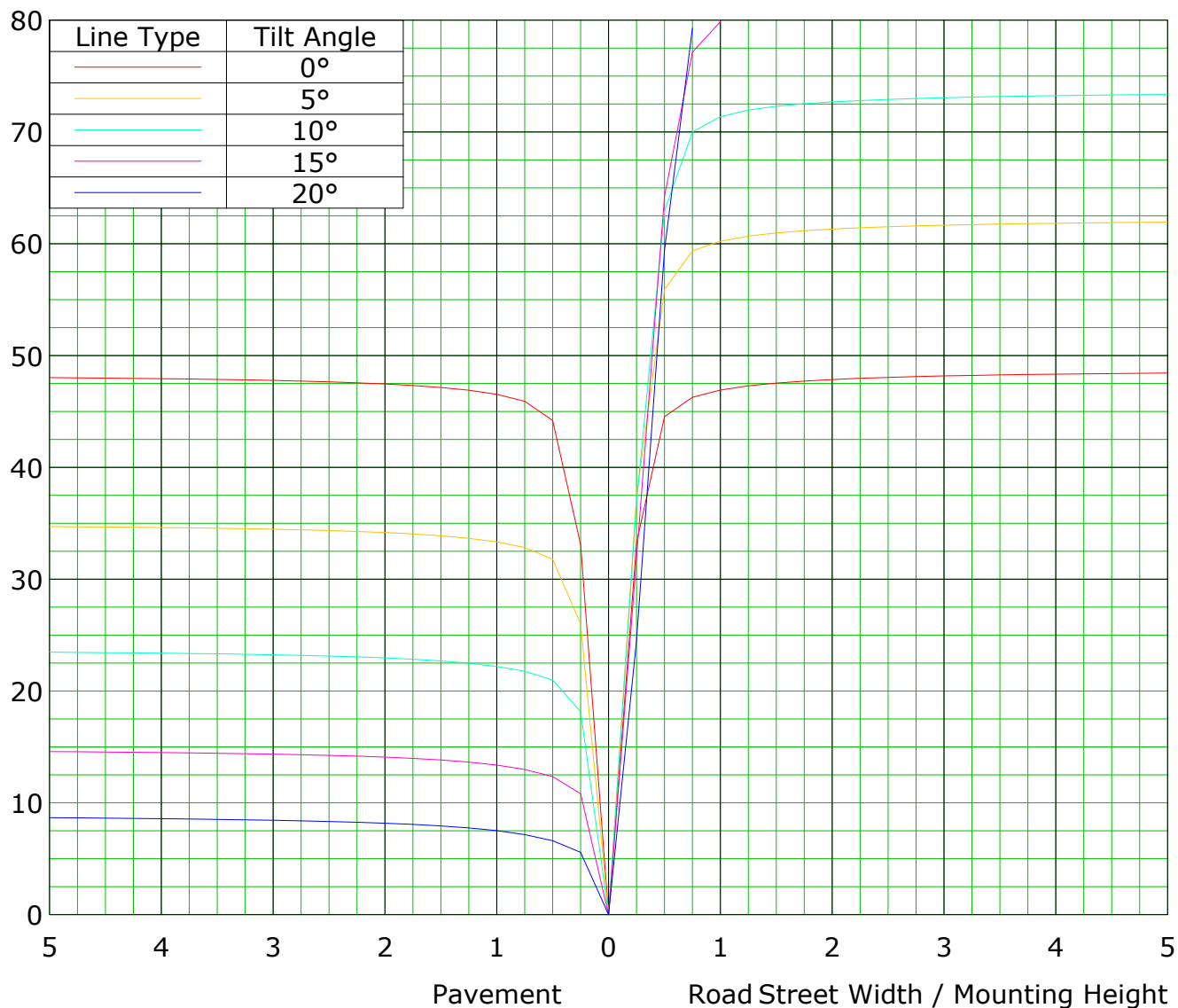
(1%): 12.3 lx	(2%): 24.6 lx
(5%): 61.6 lx	(10%): 123.1 lx
(20%): 246.3 lx	(50%): 615.6 lx
(100%):1231.3 lx	

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(%)

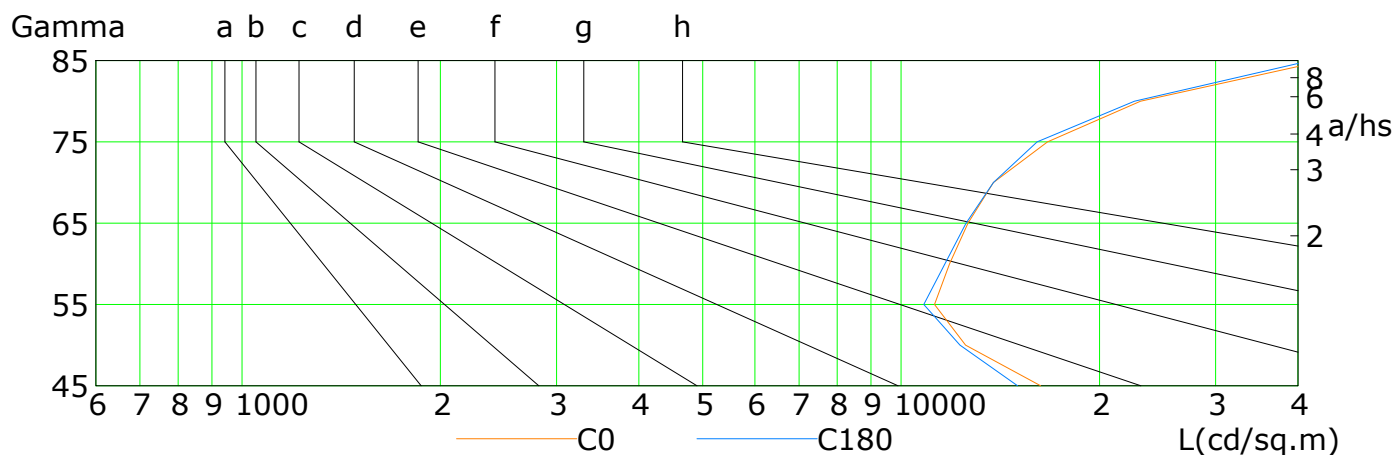
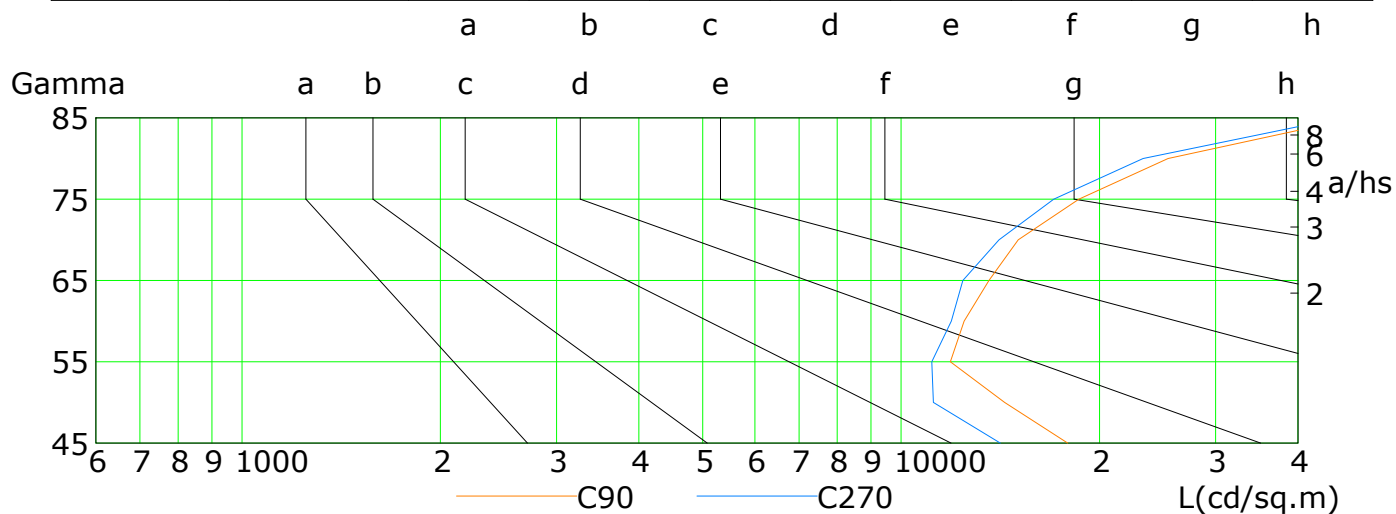


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	16278	12523	11236	11843	12633	13802	16677	23076	43930
C90	17892	14355	11879	12461	13589	15054	18606	25404	48842
C180	15017	12283	10821	11653	12548	13802	16080	22597	41747
C270	14142	11192	11132	11914	12408	14080	17044	23282	46386

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

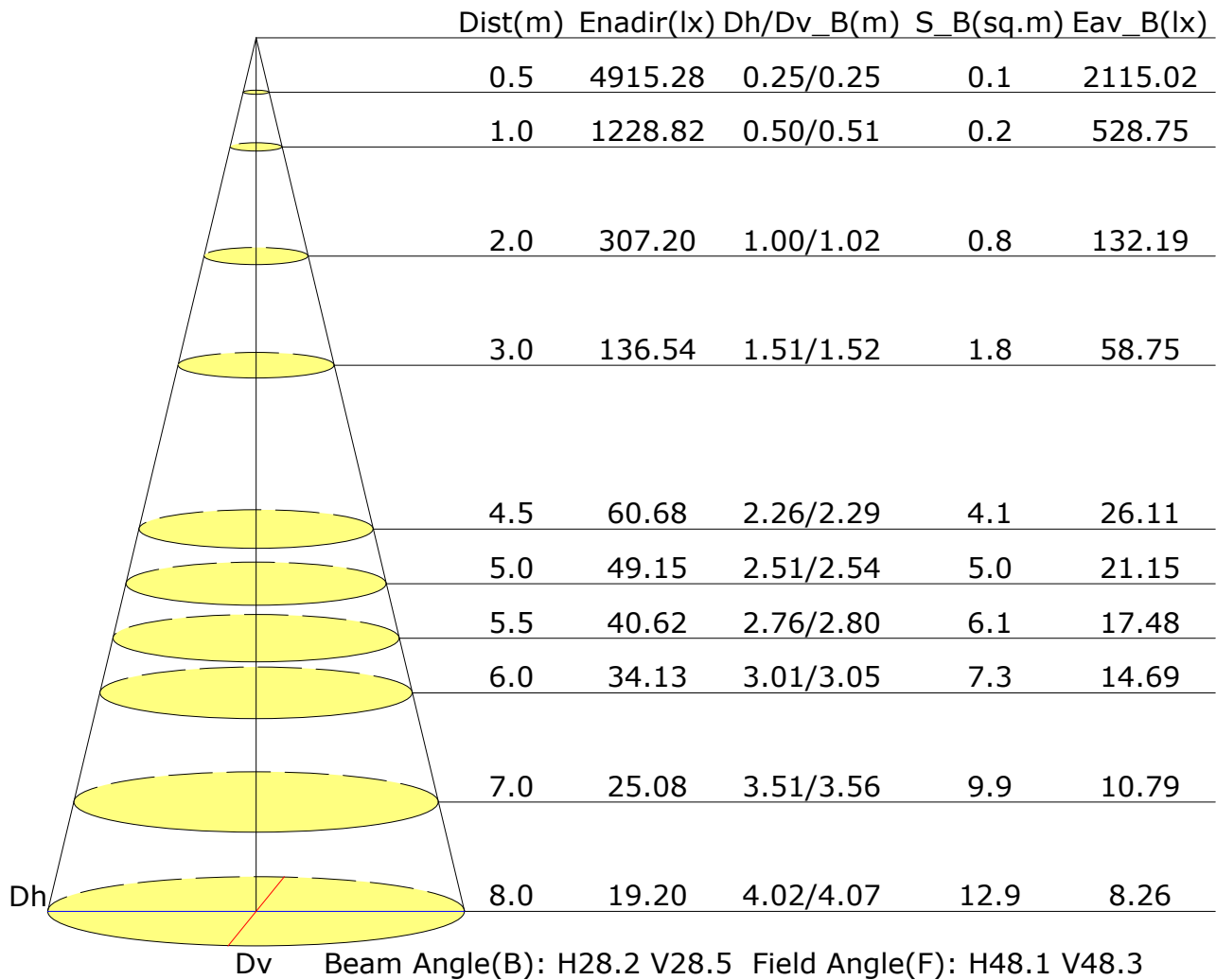
Test Device: GPM-1600L

Distance: 8.443 m

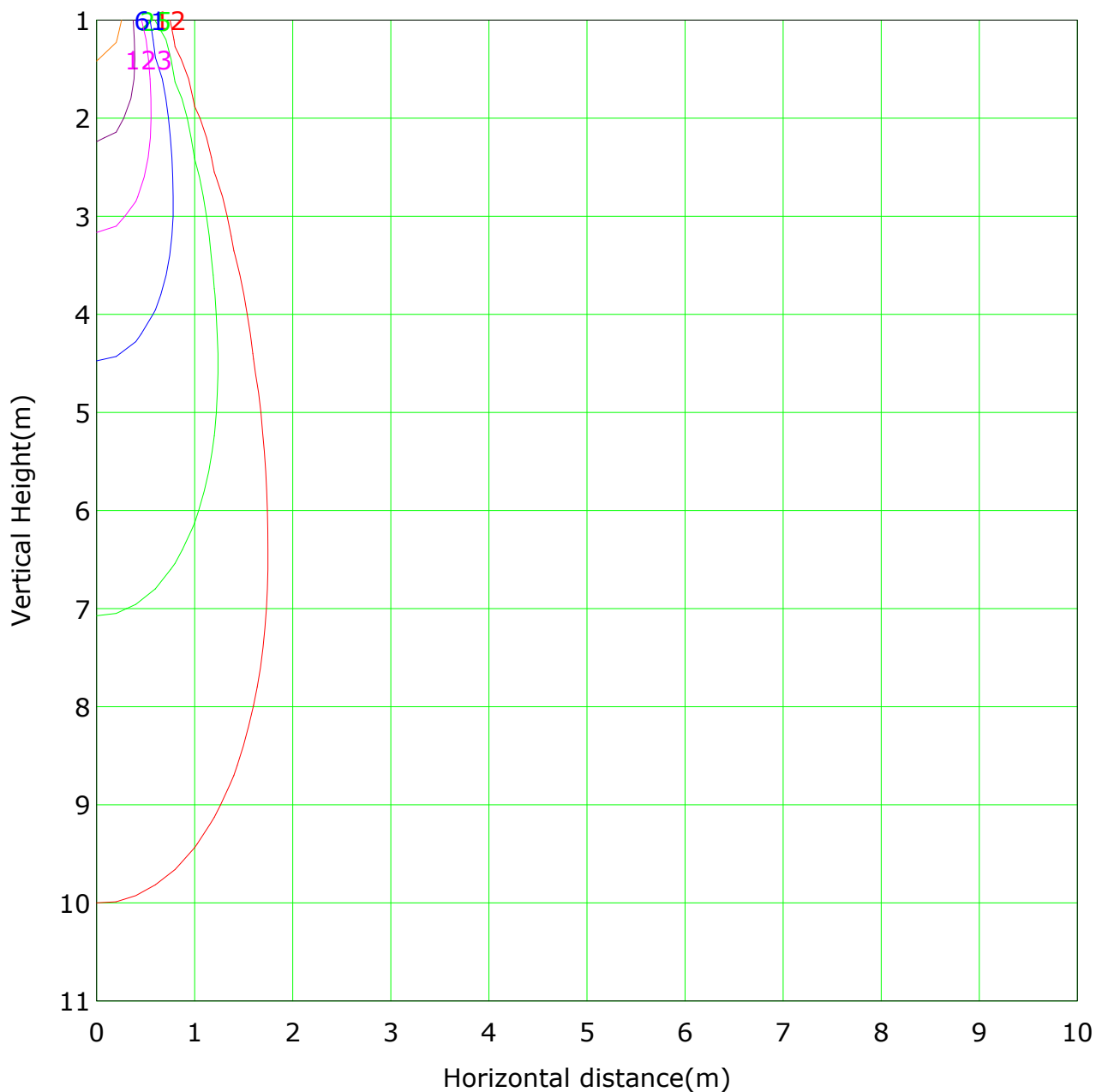
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



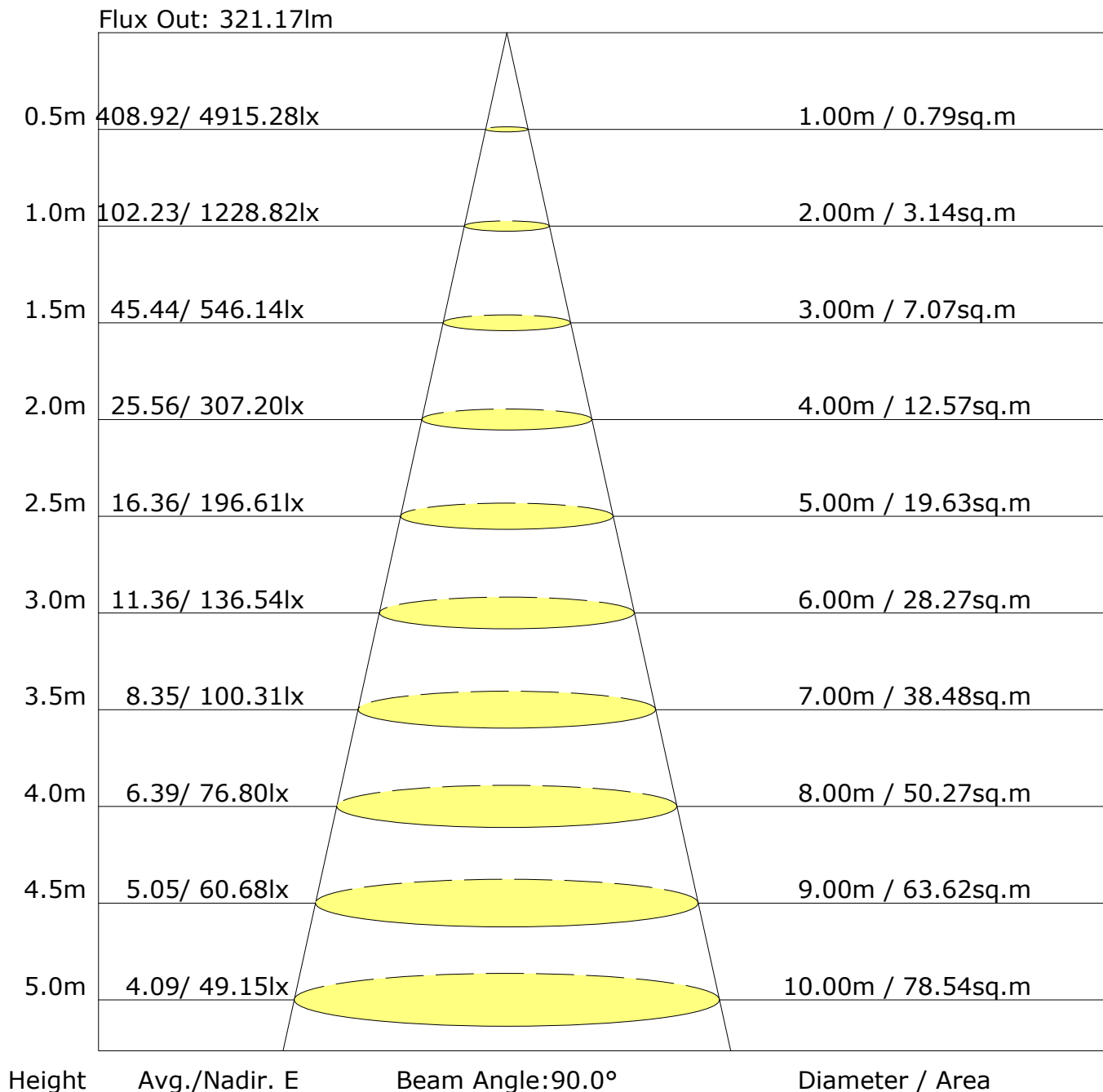
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1228.8 lx
— (1%): 12.3 lx — (2%): 24.6 lx
— (5%): 61.4 lx — (10%): 122.9 lx
— (20%): 245.8 lx — (50%): 614.4 lx
— (100%):1228.8 lx

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

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

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

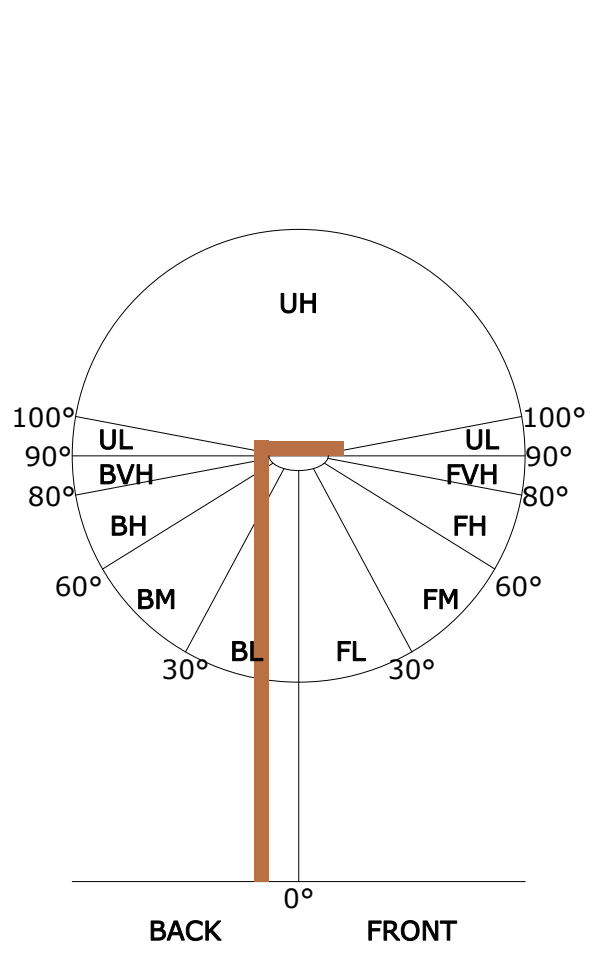
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	14.1	14.8	14.4	15.0	15.2	14.2	14.9	14.5	15.1	15.4
3H	15.9	16.6	16.2	16.8	17.1	16.1	16.8	16.4	17.0	17.3
4H	17.1	17.7	17.4	17.9	18.2	17.3	17.9	17.6	18.2	18.5
6H	18.5	19.0	18.8	19.3	19.6	18.7	19.3	19.1	19.6	19.9
8H	19.3	19.8	19.7	20.2	20.5	19.6	20.2	20.0	20.5	20.8
12H	20.3	20.8	20.7	21.2	21.5	20.7	21.2	21.1	21.5	21.9
X=4H Y=2H	14.8	15.4	15.1	15.7	16.0	14.9	15.5	15.2	15.8	16.0
3H	16.9	17.4	17.3	17.8	18.1	17.1	17.6	17.5	17.9	18.3
4H	18.3	18.7	18.7	19.1	19.5	18.5	19.0	18.9	19.3	19.7
6H	19.9	20.3	20.3	20.7	21.1	20.2	20.6	20.6	21.0	21.4
8H	20.9	21.3	21.3	21.7	22.1	21.2	21.5	21.6	22.0	22.4
12H	22.0	22.4	22.5	22.8	23.3	22.4	22.7	22.8	23.1	23.6
X=8H Y=4H	18.9	19.3	19.3	19.7	20.1	19.1	19.5	19.5	19.9	20.3
6H	20.8	21.1	21.3	21.6	22.1	21.0	21.4	21.5	21.8	22.3
8H	22.0	22.3	22.5	22.7	23.2	22.2	22.5	22.7	23.0	23.5
12H	23.4	23.6	23.9	24.1	24.6	23.7	23.9	24.2	24.4	24.9
X=12H Y=4H	19.1	19.4	19.5	19.8	20.3	19.2	19.6	19.7	20.0	20.4
6H	21.1	21.4	21.6	21.9	22.4	21.3	21.6	21.8	22.1	22.6
8H	22.4	22.7	22.9	23.1	23.7	22.6	22.9	23.1	23.4	23.9
Variations with the observer position at spacings:										
S=1.0H	+0.4/-0.4					+0.4/-0.4				
S=1.5H	+0.5/-0.8					+0.5/-0.8				
S=2.0H	+0.7/-1.1					+0.7/-1.1				

Calculate in accordance with CIE Pub.117. The table is revised with 345lm ($8\log(F/F_0) = -3.7$).

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

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

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	172	49.7
	FL (0°-30°)	153	44.3
	FM (30°-60°)	13	3.7
	FH (60°-80°)	4	1.2
	FVH (80°-90°)	2	0.5
	BACK LIGHT	170	49.2
	BL (0°-30°)	151	43.9
	BM (30°-60°)	12	3.6
	BH (60°-80°)	4	1.2
	BVH (80°-90°)	2	0.5
	UP LIGHT	4	1.1
	UL (90°-100°)	4	1.0
	UH (100°-180°)	0	0.1
	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

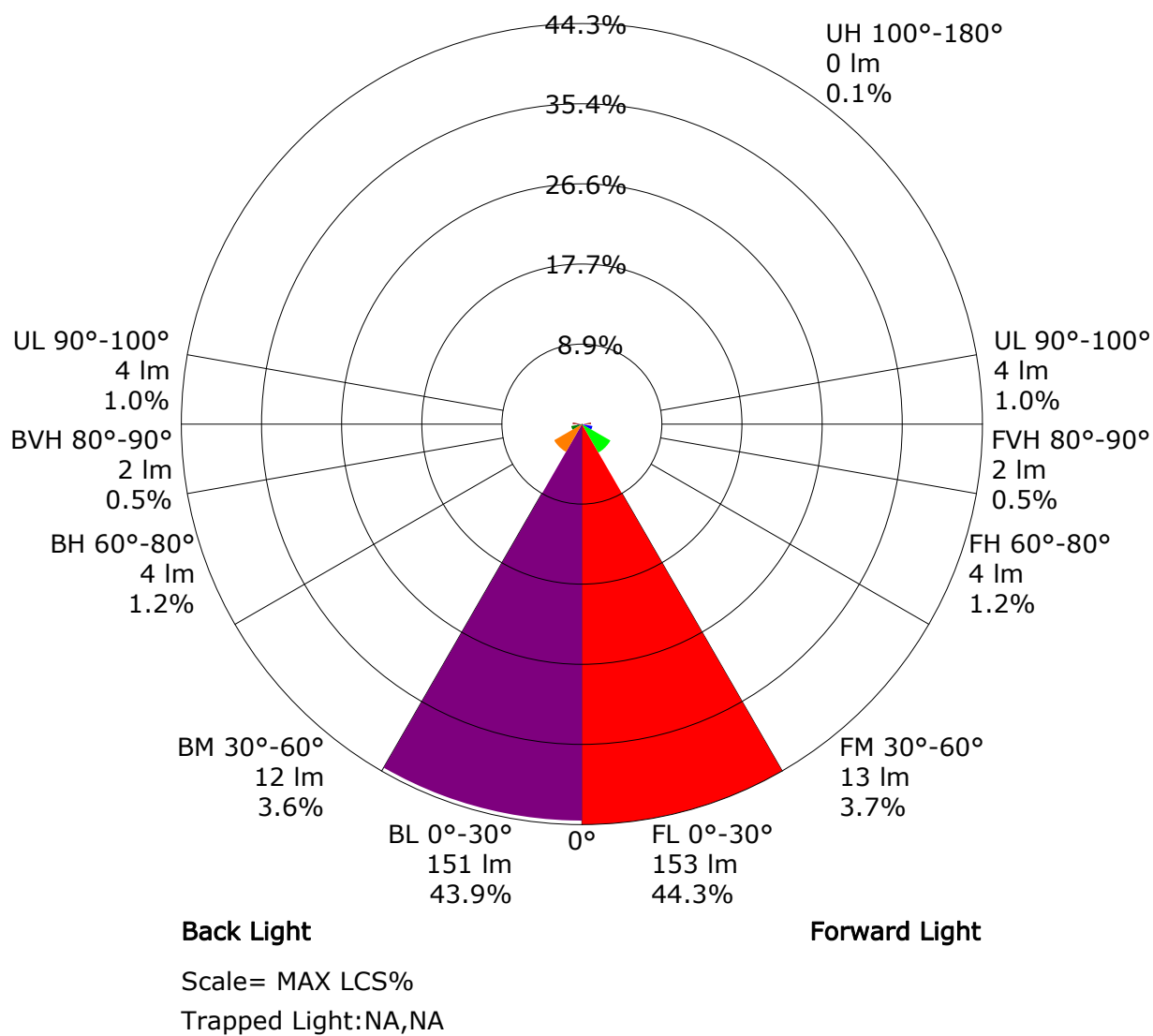
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

LCS Graph



Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.50									
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	0.90	0.95	0.99	1.01	1.05	1.07	1.09	1.11	1.13	
	0.30		0.86	0.91	0.95	0.98	1.02	1.04	1.06	1.09	1.11	
	0.20		0.83	0.88	0.92	0.95	0.99	1.02	1.04	1.07	1.09	
0.50	0.50	0.20	0.89	0.94	0.97	0.99	1.02	1.04	1.05	1.07	1.08	
	0.30		0.85	0.90	0.93	0.96	0.99	1.01	1.03	1.05	1.07	
	0.20		0.82	0.87	0.91	0.93	0.97	0.99	1.01	1.04	1.05	
0.30	0.50	0.20	0.88	0.92	0.95	0.97	0.99	1.01	1.02	1.03	1.04	
	0.30		0.84	0.89	0.92	0.94	0.97	0.99	1.00	1.02	1.03	
	0.20		0.82	0.87	0.90	0.92	0.95	0.97	0.99	1.01	1.02	
0.00	0.00	0.00	0.80	0.85	0.87	0.89	0.92	0.93	0.95	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 = 0.50									
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	0.53	0.44	0.37	0.32	0.26	0.22	0.19	0.15	0.12	
	0.30		0.44	0.37	0.32	0.29	0.23	0.20	0.17	0.14	0.11	
	0.20		0.38	0.33	0.29	0.26	0.21	0.18	0.16	0.13	0.11	
0.50	0.50	0.20	0.50	0.41	0.35	0.30	0.24	0.24	0.17	0.13	0.11	
	0.30		0.42	0.35	0.31	0.27	0.22	0.18	0.16	0.13	0.10	
	0.20		0.37	0.31	0.27	0.24	0.20	0.17	0.15	0.12	0.10	
0.30	0.50	0.20	0.48	0.38	0.32	0.28	0.22	0.18	0.16	0.12	0.10	
	0.30		0.41	0.34	0.29	0.25	0.20	0.17	0.15	0.12	0.10	
	0.20		0.36	0.30	0.26	0.23	0.19	0.16	0.14	0.11	0.09	
0.00	0.00	0.00	0.21	0.17	0.14	0.12	0.10	0.08	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 = 0.50									
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	0.17	0.18	0.19	0.20	0.21	0.22	0.22	
	0.30		0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.21	
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.19	
0.50	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	
0.30	0.50	0.20	0.13	0.14	0.15	0.16	0.18	0.19	0.19	0.20	0.20	
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.19	
	0.20		0.07	0.09	0.11	0.12	0.14	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	1224.6	1.2	1.2	0.34	0.34
1.0-2.0	1217.2	3.5	4.7	1.01	1.35
2.0-3.0	1201.3	5.7	10.4	1.66	3.02
3.0-4.0	1179.2	7.9	18.3	2.29	5.30
4.0-5.0	1151.7	9.9	28.2	2.87	8.17
5.0-6.0	1117.0	11.7	40.0	3.40	11.57
6.0-7.0	1076.9	13.4	53.3	3.87	15.45
7.0-8.0	1030.6	14.8	68.1	4.27	19.72
8.0-9.0	979.1	15.9	83.9	4.60	24.32
9.0-10.0	924.6	16.7	100.7	4.85	29.16
10.0-11.0	863.0	17.2	117.9	5.00	34.16
11.0-12.0	797.8	17.4	135.4	5.05	39.21
12.0-13.0	733.0	17.4	152.8	5.04	44.25
13.0-14.0	663.3	17.0	169.7	4.92	49.17
14.0-15.0	593.5	16.3	186.0	4.72	53.89
15.0-16.0	525.0	15.4	201.4	4.46	58.35
16.0-17.0	459.2	14.3	215.7	4.14	62.49
17.0-18.0	399.9	13.2	228.9	3.82	66.31
18.0-19.0	342.6	11.9	240.8	3.45	69.76
19.0-20.0	291.0	10.7	251.5	3.09	72.85
20.0-21.0	247.3	9.5	261.0	2.75	75.60
21.0-22.0	206.7	8.3	269.3	2.41	78.01
22.0-23.0	171.3	7.2	276.5	2.08	80.09
23.0-24.0	141.5	6.2	282.7	1.79	81.88
24.0-25.0	115.8	5.3	287.9	1.53	83.41
25.0-26.0	95.3	4.5	292.4	1.30	84.71
26.0-27.0	77.5	3.8	296.2	1.10	85.81
27.0-28.0	62.8	3.2	299.4	0.92	86.73
28.0-29.0	51.5	2.7	302.1	0.78	87.51
29.0-30.0	42.3	2.3	304.4	0.66	88.17
30.0-31.0	35.1	2.0	306.3	0.57	88.74
31.0-32.0	29.7	1.7	308.0	0.49	89.23
32.0-33.0	25.6	1.5	309.5	0.44	89.67
33.0-34.0	22.5	1.4	310.9	0.39	90.06
34.0-35.0	19.9	1.2	312.1	0.36	90.42
35.0-36.0	17.7	1.1	313.3	0.33	90.75

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	16.1	1.1	314.3	0.30	91.05
37.0-38.0	14.8	1.0	315.3	0.29	91.34
38.0-39.0	13.7	0.9	316.2	0.27	91.61
39.0-40.0	12.8	0.9	317.1	0.26	91.87
40.0-41.0	12.1	0.9	318.0	0.25	92.12
41.0-42.0	11.5	0.8	318.8	0.24	92.36
42.0-43.0	10.9	0.8	319.6	0.23	92.59
43.0-44.0	10.3	0.8	320.4	0.22	92.82
44.0-45.0	9.7	0.7	321.2	0.22	93.03
45.0-46.0	9.1	0.7	321.9	0.21	93.24
46.0-47.0	8.6	0.7	322.6	0.20	93.44
47.0-48.0	8.1	0.7	323.2	0.19	93.63
48.0-49.0	7.5	0.6	323.8	0.18	93.81
49.0-50.0	7.0	0.6	324.4	0.17	93.98
50.0-51.0	6.6	0.6	325.0	0.16	94.14
51.0-52.0	6.1	0.5	325.5	0.15	94.29
52.0-53.0	5.8	0.5	326.0	0.15	94.43
53.0-54.0	5.6	0.5	326.5	0.14	94.58
54.0-55.0	5.5	0.5	327.0	0.14	94.72
55.0-56.0	5.4	0.5	327.5	0.14	94.86
56.0-57.0	5.3	0.5	328.0	0.14	95.00
57.0-58.0	5.2	0.5	328.4	0.14	95.14
58.0-59.0	5.2	0.5	328.9	0.14	95.28
59.0-60.0	5.1	0.5	329.4	0.14	95.42
60.0-61.0	5.0	0.5	329.9	0.14	95.56
61.0-62.0	4.9	0.5	330.4	0.14	95.69
62.0-63.0	4.8	0.5	330.8	0.14	95.83
63.0-64.0	4.7	0.5	331.3	0.13	95.96
64.0-65.0	4.6	0.5	331.7	0.13	96.10
65.0-66.0	4.5	0.4	332.2	0.13	96.23
66.0-67.0	4.4	0.4	332.6	0.13	96.35
67.0-68.0	4.3	0.4	333.1	0.13	96.48
68.0-69.0	4.2	0.4	333.5	0.12	96.60
69.0-70.0	4.1	0.4	333.9	0.12	96.72
70.0-71.0	4.0	0.4	334.3	0.12	96.84
71.0-72.0	3.9	0.4	334.7	0.12	96.96

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	3.9	0.4	335.1	0.12	97.08
73.0-74.0	3.8	0.4	335.5	0.12	97.20
74.0-75.0	3.7	0.4	335.9	0.11	97.31
75.0-76.0	3.7	0.4	336.3	0.11	97.42
76.0-77.0	3.6	0.4	336.7	0.11	97.53
77.0-78.0	3.6	0.4	337.1	0.11	97.64
78.0-79.0	3.5	0.4	337.5	0.11	97.75
79.0-80.0	3.5	0.4	337.8	0.11	97.86
80.0-81.0	3.4	0.4	338.2	0.11	97.97
81.0-82.0	3.4	0.4	338.6	0.11	98.08
82.0-83.0	3.4	0.4	339.0	0.11	98.18
83.0-84.0	3.4	0.4	339.3	0.11	98.29
84.0-85.0	3.3	0.4	339.7	0.11	98.40
85.0-86.0	3.3	0.4	340.0	0.10	98.50
86.0-87.0	3.3	0.4	340.4	0.10	98.61
87.0-88.0	3.2	0.4	340.8	0.10	98.71
88.0-89.0	3.2	0.4	341.1	0.10	98.81
89.0-90.0	3.3	0.4	341.5	0.10	98.92
90.0-91.0	3.3	0.4	341.8	0.10	99.02
91.0-92.0	3.3	0.4	342.2	0.10	99.12
92.0-93.0	3.3	0.4	342.6	0.10	99.23
93.0-94.0	3.3	0.4	342.9	0.10	99.33
94.0-95.0	3.3	0.4	343.3	0.10	99.44
95.0-96.0	3.3	0.4	343.6	0.10	99.54
96.0-97.0	3.3	0.4	344.0	0.10	99.64
97.0-98.0	3.3	0.4	344.3	0.10	99.74
98.0-99.0	3.3	0.4	344.7	0.10	99.85
99.0-100.0	3.3	0.4	345.0	0.10	99.95
100.0-101.0	1.6	0.2	345.2	0.05	100.00
101.0-102.0	0.0	0.0	345.2	0.00	100.00
102.0-103.0	0.0	0.0	345.2	0.00	100.00
103.0-104.0	0.0	0.0	345.2	0.00	100.00
104.0-105.0	0.0	0.0	345.2	0.00	100.00
105.0-106.0	0.0	0.0	345.2	0.00	100.00
106.0-107.0	0.0	0.0	345.2	0.00	100.00
107.0-108.0	0.0	0.0	345.2	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	345.2	0.00	100.00
109.0-110.0	0.0	0.0	345.2	0.00	100.00
110.0-111.0	0.0	0.0	345.2	0.00	100.00
111.0-112.0	0.0	0.0	345.2	0.00	100.00
112.0-113.0	0.0	0.0	345.2	0.00	100.00
113.0-114.0	0.0	0.0	345.2	0.00	100.00
114.0-115.0	0.0	0.0	345.2	0.00	100.00
115.0-116.0	0.0	0.0	345.2	0.00	100.00
116.0-117.0	0.0	0.0	345.2	0.00	100.00
117.0-118.0	0.0	0.0	345.2	0.00	100.00
118.0-119.0	0.0	0.0	345.2	0.00	100.00
119.0-120.0	0.0	0.0	345.2	0.00	100.00
120.0-121.0	0.0	0.0	345.2	0.00	100.00
121.0-122.0	0.0	0.0	345.2	0.00	100.00
122.0-123.0	0.0	0.0	345.2	0.00	100.00
123.0-124.0	0.0	0.0	345.2	0.00	100.00
124.0-125.0	0.0	0.0	345.2	0.00	100.00
125.0-126.0	0.0	0.0	345.2	0.00	100.00
126.0-127.0	0.0	0.0	345.2	0.00	100.00
127.0-128.0	0.0	0.0	345.2	0.00	100.00
128.0-129.0	0.0	0.0	345.2	0.00	100.00
129.0-130.0	0.0	0.0	345.2	0.00	100.00
130.0-131.0	0.0	0.0	345.2	0.00	100.00
131.0-132.0	0.0	0.0	345.2	0.00	100.00
132.0-133.0	0.0	0.0	345.2	0.00	100.00
133.0-134.0	0.0	0.0	345.2	0.00	100.00
134.0-135.0	0.0	0.0	345.2	0.00	100.00
135.0-136.0	0.0	0.0	345.2	0.00	100.00
136.0-137.0	0.0	0.0	345.2	0.00	100.00
137.0-138.0	0.0	0.0	345.2	0.00	100.00
138.0-139.0	0.0	0.0	345.2	0.00	100.00
139.0-140.0	0.0	0.0	345.2	0.00	100.00
140.0-141.0	0.0	0.0	345.2	0.00	100.00
141.0-142.0	0.0	0.0	345.2	0.00	100.00
142.0-143.0	0.0	0.0	345.2	0.00	100.00
143.0-144.0	0.0	0.0	345.2	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	345.2	0.00	100.00
145.0-146.0	0.0	0.0	345.2	0.00	100.00
146.0-147.0	0.0	0.0	345.2	0.00	100.00
147.0-148.0	0.0	0.0	345.2	0.00	100.00
148.0-149.0	0.0	0.0	345.2	0.00	100.00
149.0-150.0	0.0	0.0	345.2	0.00	100.00
150.0-151.0	0.0	0.0	345.2	0.00	100.00
151.0-152.0	0.0	0.0	345.2	0.00	100.00
152.0-153.0	0.0	0.0	345.2	0.00	100.00
153.0-154.0	0.0	0.0	345.2	0.00	100.00
154.0-155.0	0.0	0.0	345.2	0.00	100.00
155.0-156.0	0.0	0.0	345.2	0.00	100.00
156.0-157.0	0.0	0.0	345.2	0.00	100.00
157.0-158.0	0.0	0.0	345.2	0.00	100.00
158.0-159.0	0.0	0.0	345.2	0.00	100.00
159.0-160.0	0.0	0.0	345.2	0.00	100.00
160.0-161.0	0.0	0.0	345.2	0.00	100.00
161.0-162.0	0.0	0.0	345.2	0.00	100.00
162.0-163.0	0.0	0.0	345.2	0.00	100.00
163.0-164.0	0.0	0.0	345.2	0.00	100.00
164.0-165.0	0.0	0.0	345.2	0.00	100.00
165.0-166.0	0.0	0.0	345.2	0.00	100.00
166.0-167.0	0.0	0.0	345.2	0.00	100.00
167.0-168.0	0.0	0.0	345.2	0.00	100.00
168.0-169.0	0.0	0.0	345.2	0.00	100.00
169.0-170.0	0.0	0.0	345.2	0.00	100.00
170.0-171.0	0.0	0.0	345.2	0.00	100.00
171.0-172.0	0.0	0.0	345.2	0.00	100.00
172.0-173.0	0.0	0.0	345.2	0.00	100.00
173.0-174.0	0.0	0.0	345.2	0.00	100.00
174.0-175.0	0.0	0.0	345.2	0.00	100.00
175.0-176.0	0.0	0.0	345.2	0.00	100.00
176.0-177.0	0.0	0.0	345.2	0.00	100.00
177.0-178.0	0.0	0.0	345.2	0.00	100.00
178.0-179.0	0.0	0.0	345.2	0.00	100.00
179.0-180.0	0.0	0.0	345.2	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	1228.8	1224.2	1228.8	1224.2	1228.8					
G1.0	1228.2	1231.8	1221.6	1209.7	1228.2					
G2.0	1218.2	1232.1	1207.0	1188.8	1218.2					
G3.0	1199.7	1221.2	1185.8	1157.3	1199.7					
G4.0	1176.7	1207.5	1159.0	1126.2	1176.7					
G5.0	1146.3	1186.1	1124.7	1087.1	1146.3					
G6.0	1108.7	1157.8	1084.4	1040.9	1108.7					
G7.0	1065.5	1126.4	1040.5	991.0	1065.5					
G8.0	1016.2	1084.2	990.3	930.8	1016.2					
G9.0	961.9	1041.7	936.7	870.9	961.9					
G10.0	905.3	990.8	879.1	810.0	905.3					
G11.0	836.3	932.0	812.3	737.7	836.3					
G12.0	772.8	871.4	750.9	669.1	772.8					
G13.0	703.2	809.6	684.0	603.3	703.2					
G14.0	630.2	736.1	610.8	529.3	630.2					
G15.0	560.8	669.8	547.3	463.6	560.8					
G16.0	489.3	594.0	476.3	399.4	489.3					
G17.0	425.4	528.4	418.3	342.8	425.4					
G18.0	368.6	462.4	361.2	291.8	368.6					
G19.0	310.1	397.5	304.6	244.4	310.1					
G20.0	264.7	340.8	261.1	205.0	264.7					
G21.0	222.0	291.7	219.7	173.1	222.0					
G22.0	183.3	241.6	180.8	141.2	183.3					
G23.0	151.8	203.1	152.3	116.6	151.8					
G24.0	123.4	165.7	124.1	95.0	123.4					
G25.0	101.0	137.1	102.9	77.5	101.0					
G26.0	82.9	112.3	84.4	63.9	82.9					
G27.0	66.8	90.6	67.5	51.2	66.8					
G28.0	54.3	73.8	55.5	42.4	54.3					
G29.0	45.4	60.3	45.3	35.3	45.4					
G30.0	37.2	48.5	37.0	29.2	37.2					
G31.0	31.9	40.7	31.1	25.0	31.9					
G32.0	27.2	34.5	26.1	21.4	27.2					
G33.0	24.0	29.8	22.4	19.1	24.0					
G34.0	21.4	26.0	19.7	17.5	21.4					
G35.0	19.2	22.4	17.2	15.8	19.2					
G36.0	17.4	19.6	15.7	14.6	17.4					

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 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	15.8	17.6	14.4	13.7	15.8					
G38.0	14.7	16.0	13.3	12.8	14.7					
G39.0	13.8	14.7	12.5	12.1	13.8					
G40.0	12.9	13.7	11.8	11.3	12.9					
G41.0	12.3	13.0	11.2	10.7	12.3					
G42.0	11.6	12.3	10.7	10.1	11.6					
G43.0	11.0	11.7	10.1	9.4	11.0					
G44.0	10.3	11.3	9.5	8.9	10.3					
G45.0	9.7	10.6	8.9	8.4	9.7					
G46.0	9.1	10.0	8.5	7.9	9.1					
G47.0	8.4	9.5	8.0	7.4	8.4					
G48.0	7.9	8.9	7.5	6.9	7.9					
G49.0	7.3	8.3	7.0	6.4	7.3					
G50.0	6.8	7.8	6.6	6.1	6.8					
G51.0	6.2	7.2	6.1	5.7	6.2					
G52.0	5.8	6.7	5.6	5.6	5.8					
G53.0	5.6	6.2	5.4	5.6	5.6					
G54.0	5.3	5.8	5.3	5.5	5.3					
G55.0	5.4	5.7	5.2	5.4	5.4					
G56.0	5.2	5.6	5.1	5.3	5.2					
G57.0	5.2	5.6	5.0	5.2	5.2					
G58.0	5.1	5.5	5.0	5.2	5.1					
G59.0	5.1	5.4	4.9	5.1	5.1					
G60.0	5.0	5.2	4.9	5.0	5.0					
G61.0	4.8	5.2	4.8	4.9	4.8					
G62.0	4.8	5.2	4.8	4.8	4.8					
G63.0	4.8	5.1	4.6	4.7	4.8					
G64.0	4.6	5.0	4.6	4.5	4.6					
G65.0	4.5	4.8	4.5	4.4	4.5					
G66.0	4.3	4.7	4.3	4.3	4.3					
G67.0	4.2	4.6	4.2	4.3	4.2					
G68.0	4.1	4.5	4.1	4.2	4.1					
G69.0	3.9	4.4	4.1	4.1	3.9					
G70.0	4.0	4.3	4.0	4.1	4.0					
G71.0	3.9	4.2	3.8	3.9	3.9					
G72.0	3.8	4.2	3.7	3.9	3.8					
G73.0	3.7	4.1	3.6	3.9	3.7					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

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

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

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

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

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

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector: