

Report No.:

Test Time: 2025-04-14 14:51

Luminaire Property

Luminaire Manufacturer: NORDECOR
Luminaire Description: 6944
Luminous Width (mm): 20
Voltage: 220.2 V
Power: 4.59 W

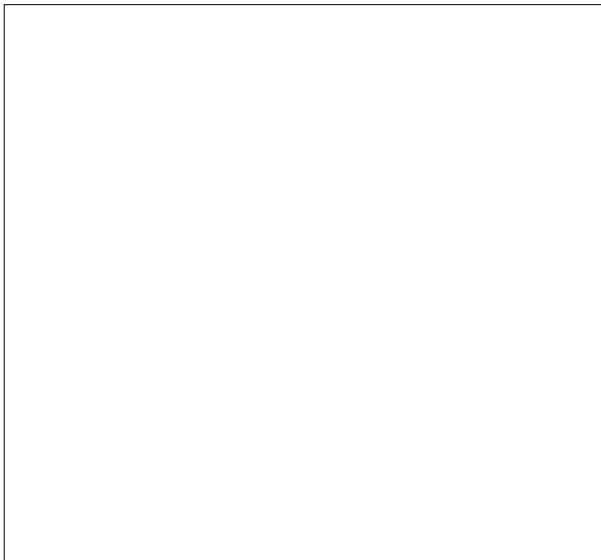
Luminous Length (mm): 20
Luminous Height (mm): 45
Current: 0.047 A
Power Factor: 0.445

Photometric Results

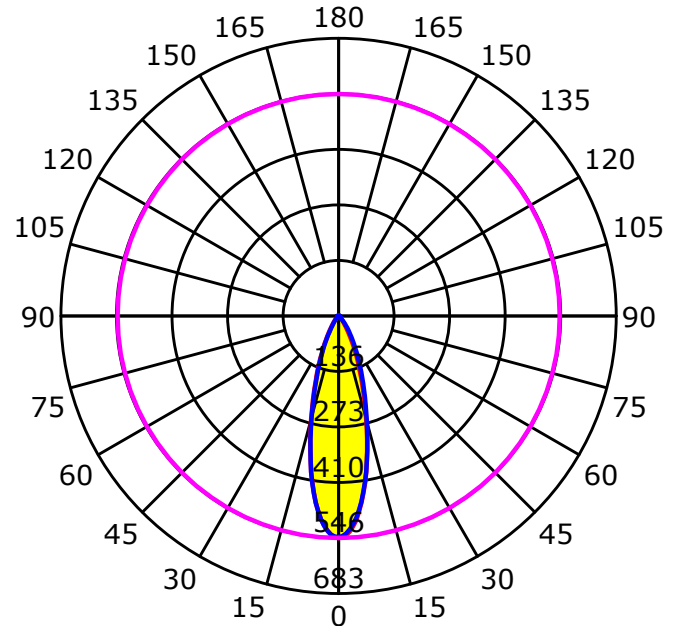
CIE Class: Direct
Measurement Flux: 205 lm
Downward Ratio: 98%
Horizontal Diffuse Angle(10%,50%,80%,100%): H59,H29.1,H16.2,H0
Vertical Diffuse Angle(10%,50%,80%,100%): V60.9,V29.2,V16.3,V0
Luminaire Efficacy Rating (LER): 44.70
Max. Intensity: 546.85 cd
S/MH(C0/C180): 0.48

Total Rated Lamp Lumens: 205.0 lm
Efficiency: 100%
Upward Ratio: 2%
Central Intensity: 546.84 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%): 29.2°

— 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

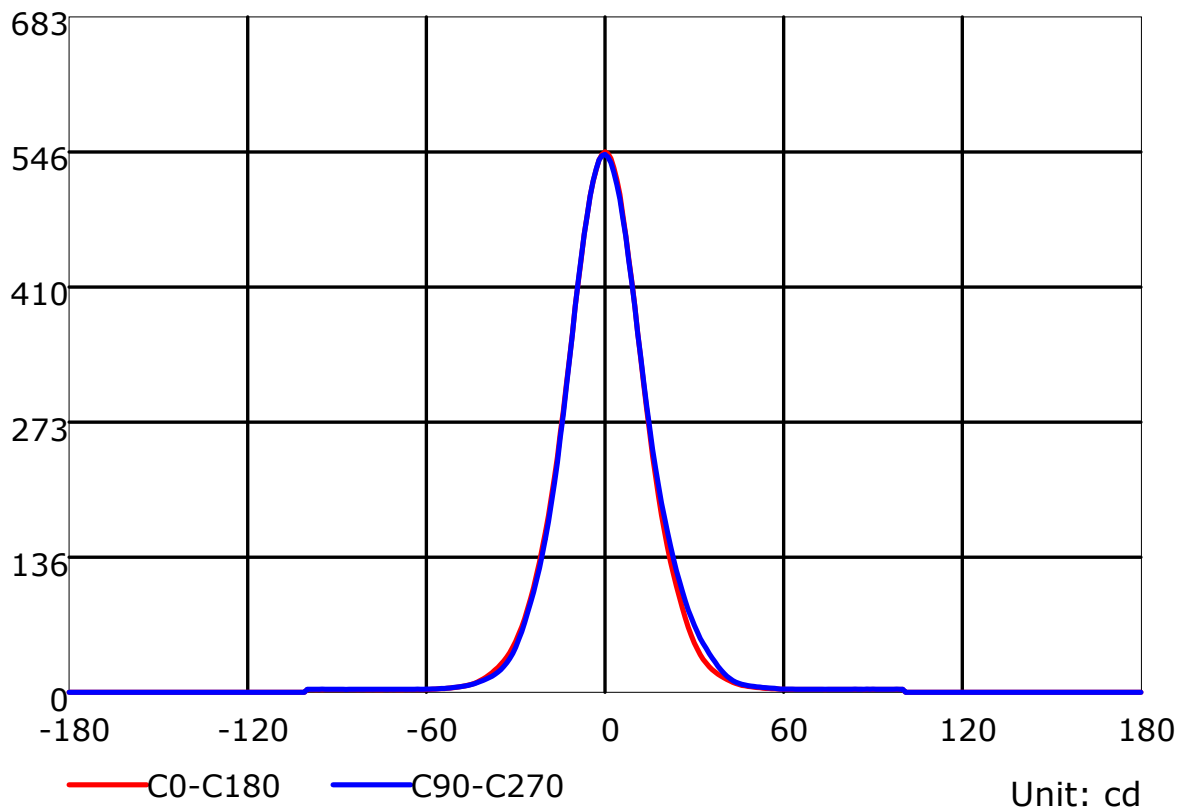
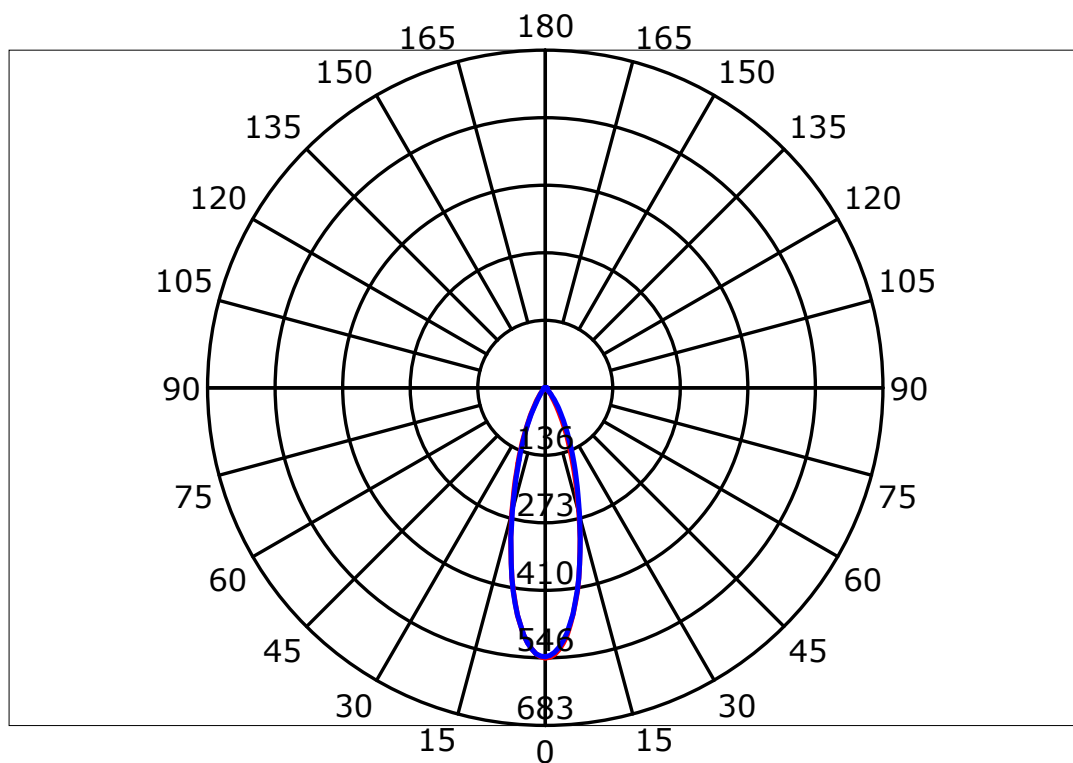
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

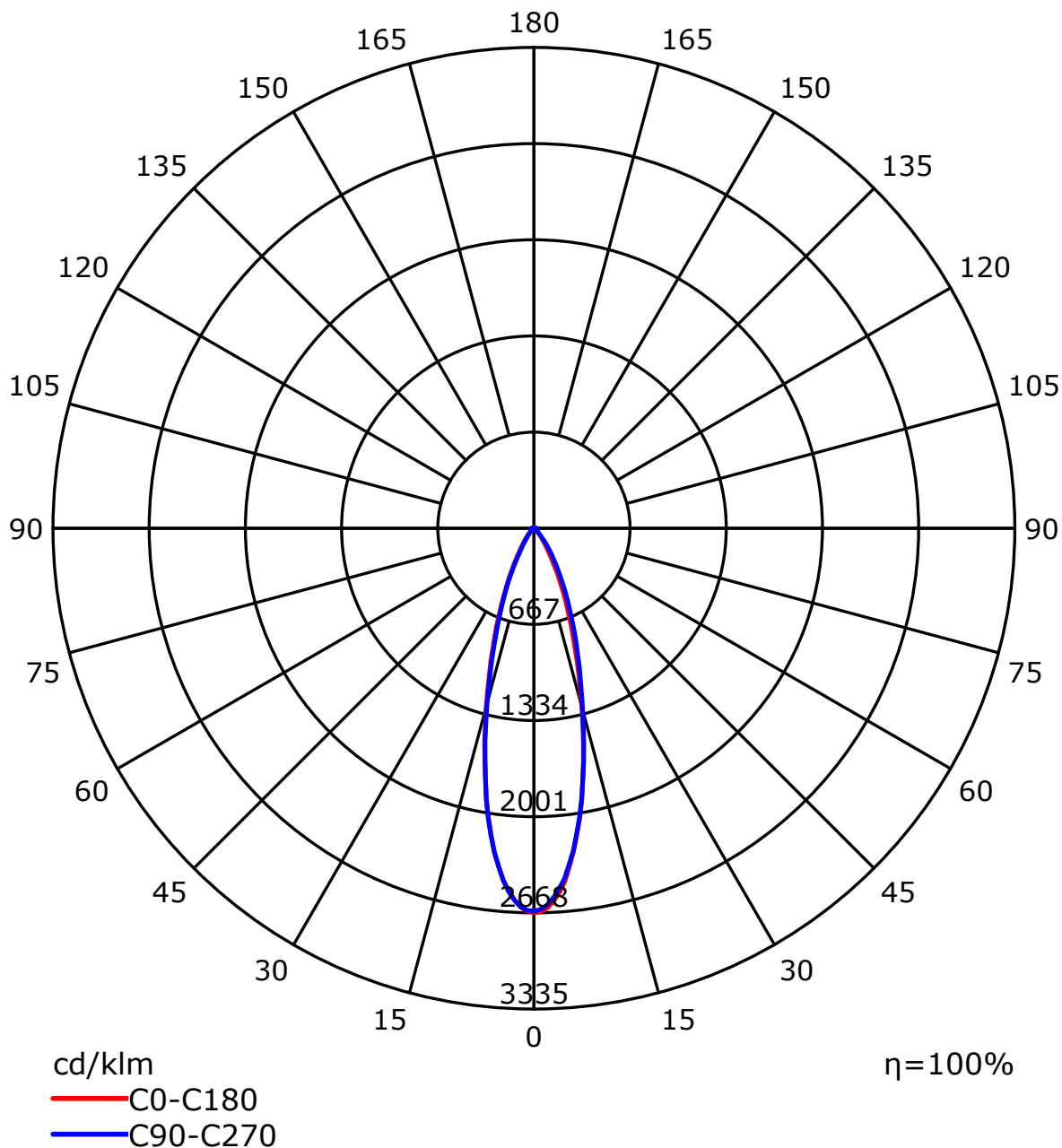
Luminous Intensity Distribution Curve



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:

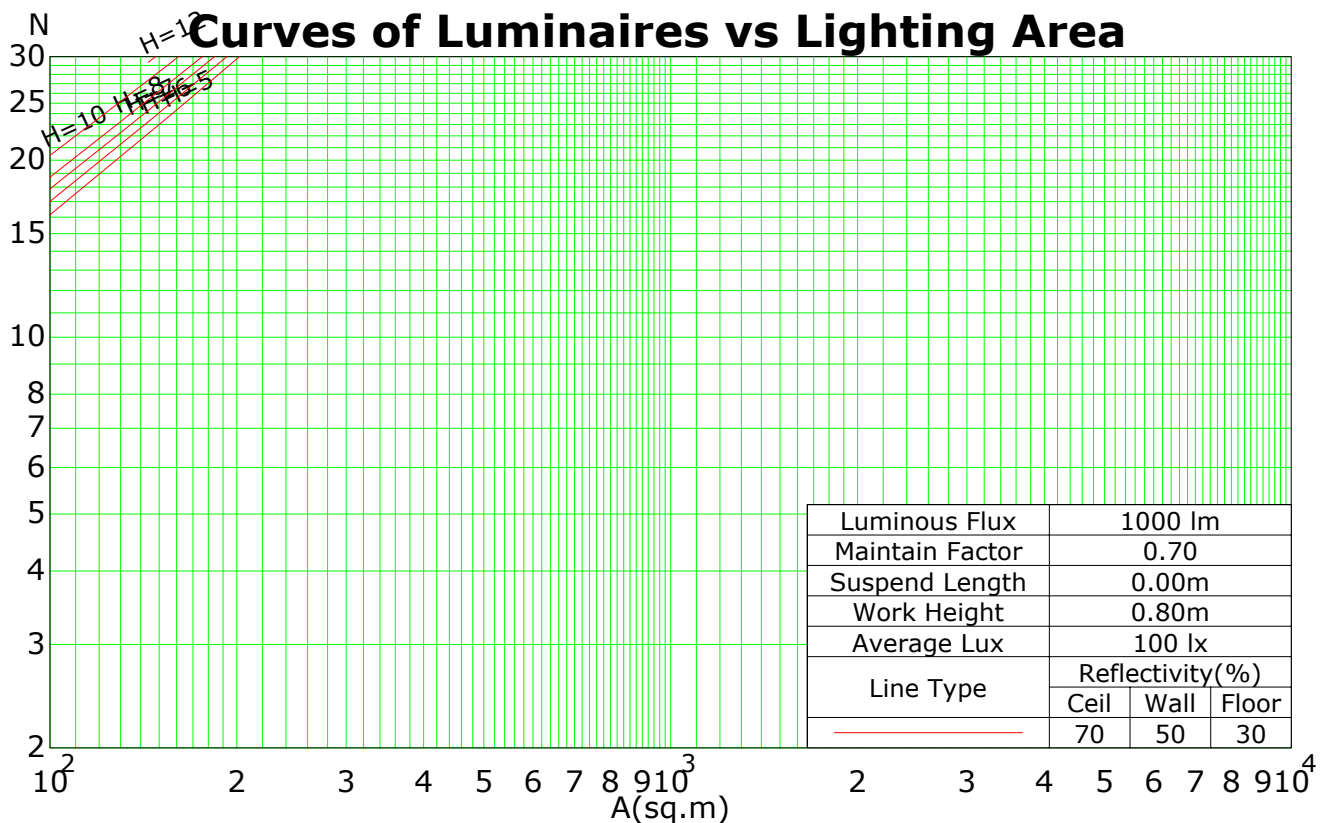
Luminous Intensity Distribution Curve(cd/klm)



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	110	110	110	105	105	105	100	100	100	98
1	113	110	107	105	110	107	105	103	103	101	99	99	98	96	95	94	93	91
2	107	103	99	95	105	101	97	94	97	94	92	94	92	89	91	89	87	86
3	103	97	92	88	101	95	91	87	92	89	85	90	86	84	87	85	82	81
4	98	91	86	82	96	90	85	81	88	84	80	85	82	79	83	81	78	77
5	94	87	81	77	93	85	80	77	84	79	76	82	78	75	80	77	74	73
6	90	82	77	73	89	81	76	73	80	75	72	78	74	71	77	74	71	69
7	87	79	73	69	86	78	73	69	76	72	69	75	71	68	74	70	68	66
8	84	75	70	66	82	75	69	66	73	69	66	72	68	65	71	68	65	64
9	81	72	67	63	79	71	66	63	70	66	63	70	65	63	69	65	62	61
10	78	69	64	61	77	69	64	61	68	63	60	67	63	60	66	63	60	59

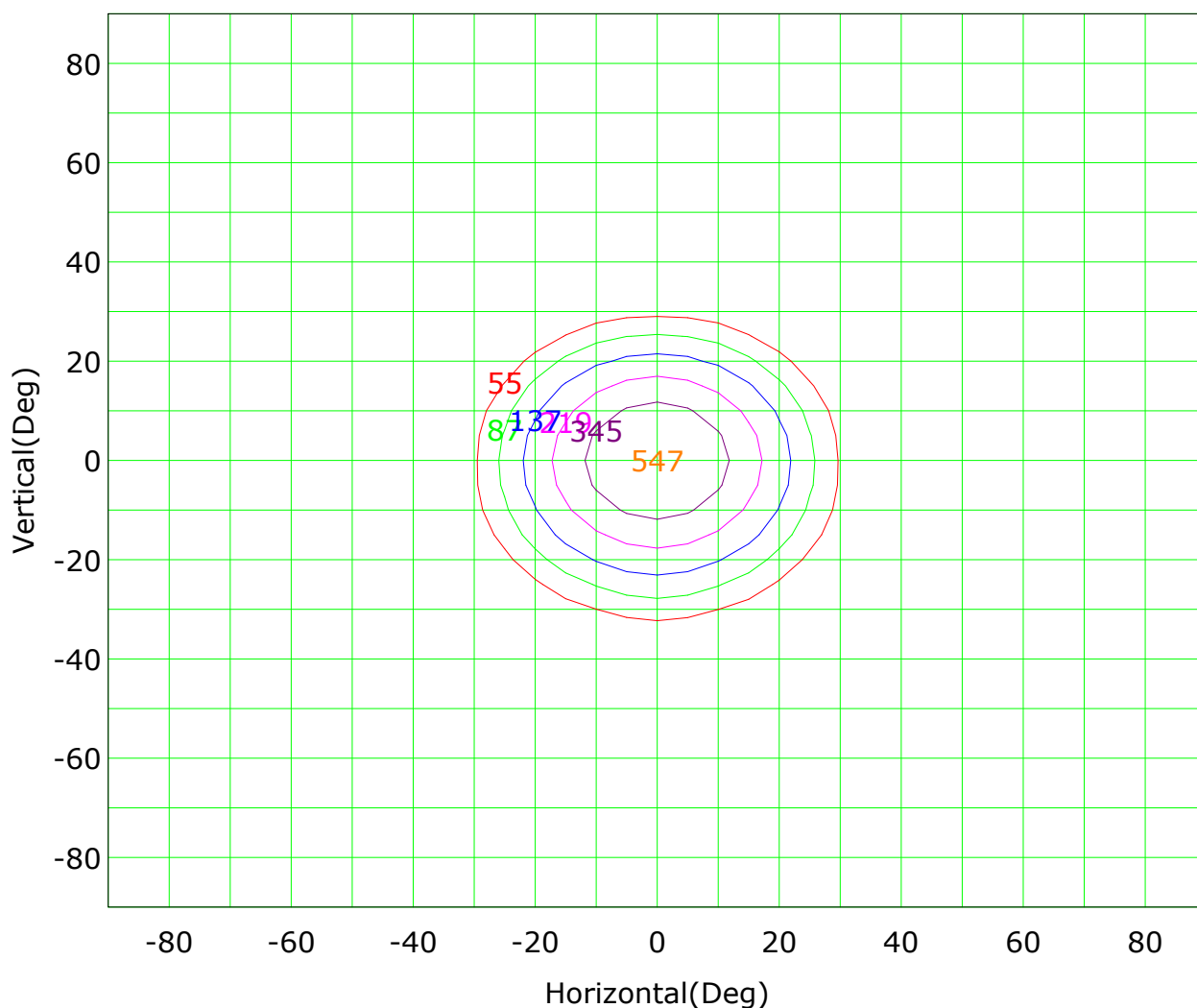
Spacing Criteria (0-180): 0.48
Spacing Criteria (90-270): 0.48
Spacing Criteria (Diagonal): 0.51



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)



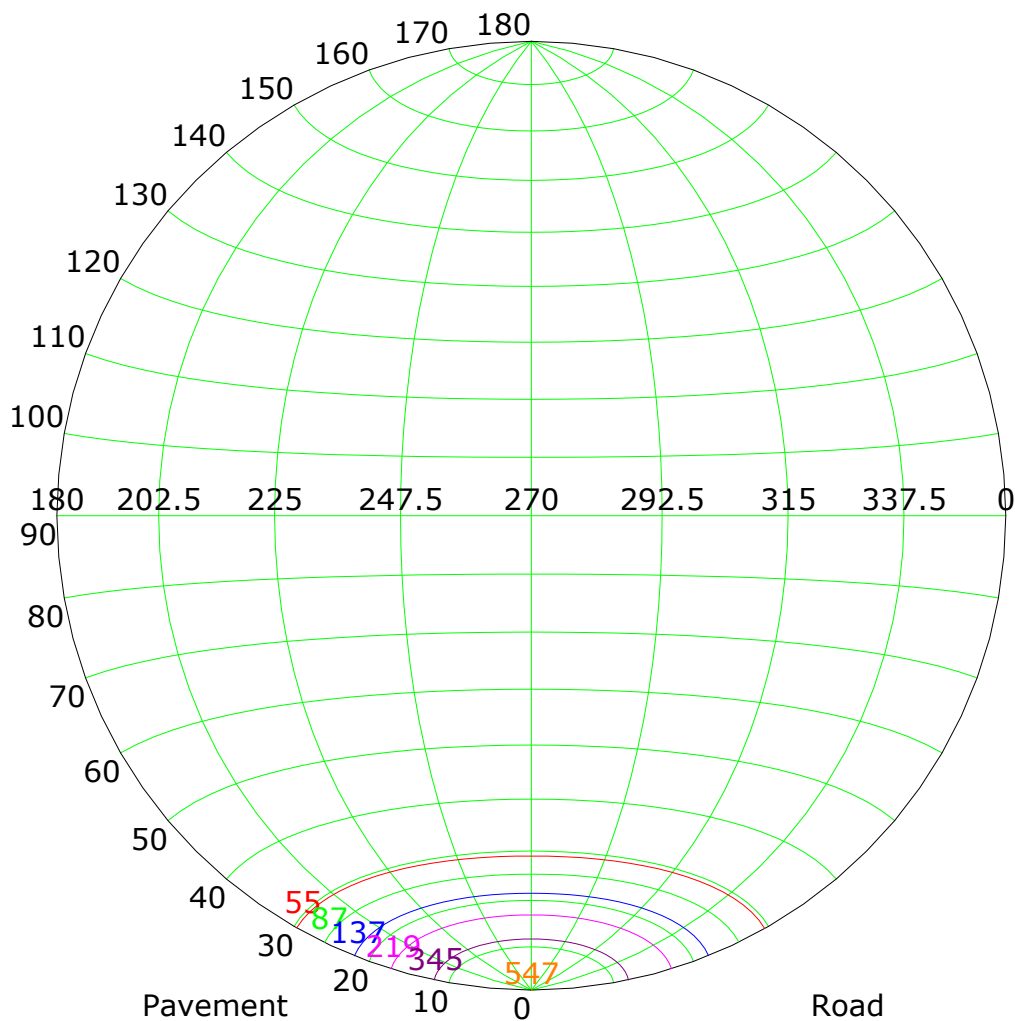
Imax (100%): 547 cd

(10%):	55 cd	(16%):	87 cd
(25%):	137 cd	(40%):	219 cd
(63%):	345 cd	(100%):	547 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%): 547 cd

— (10%):	55 cd	— (16%):	87 cd
— (25%):	137 cd	— (40%):	219 cd
— (63%):	345 cd	— (100%):	547 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

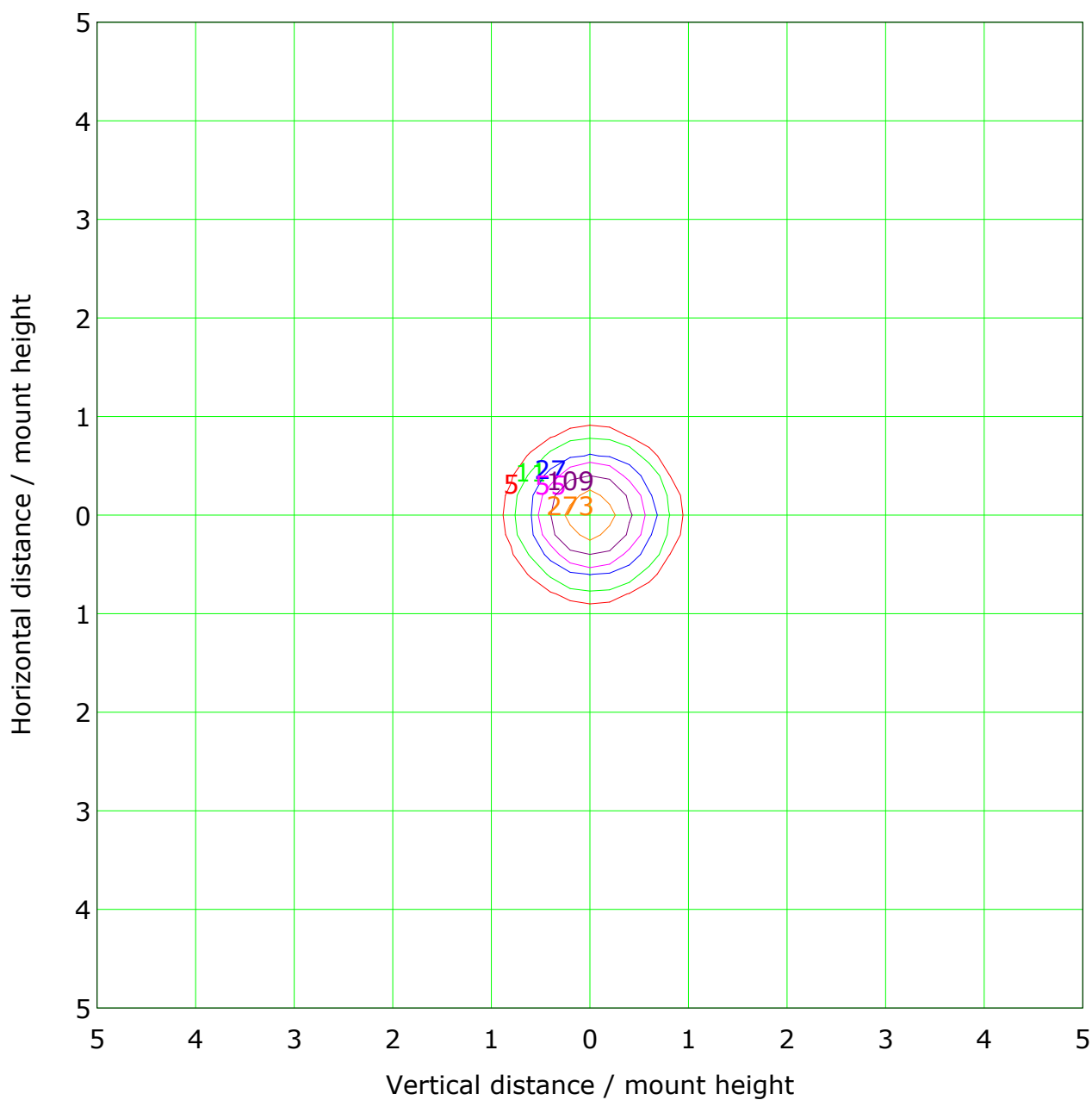
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 1.0m Max Lux(100%): 546.8 lx

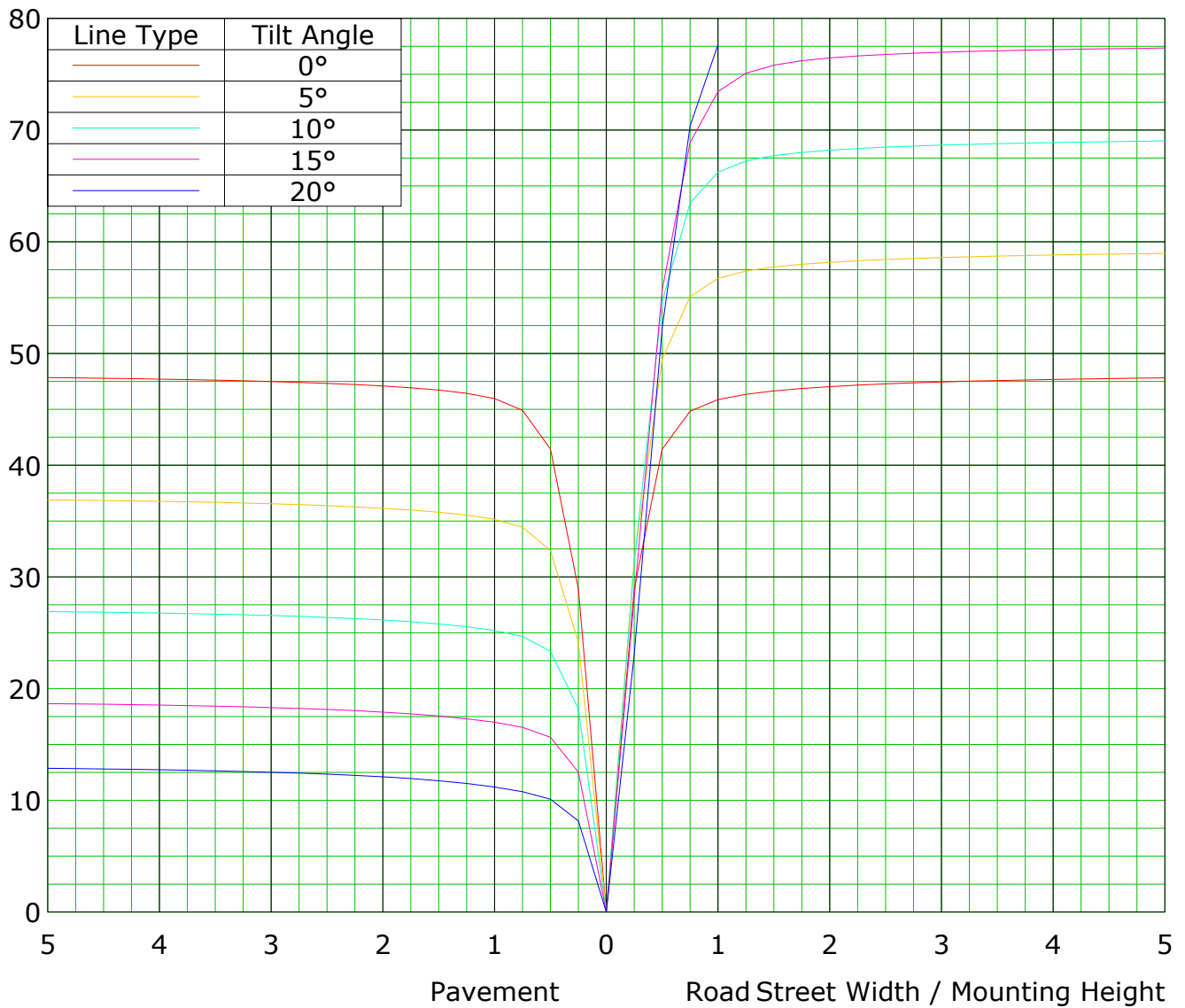
(1%): 5.5 lx	(2%): 10.9 lx
(5%): 27.3 lx	(10%): 54.7 lx
(20%): 109.4 lx	(50%): 273.4 lx
(100%): 546.8 lx	

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:

Roadway CU Curve

Efficiency(%)

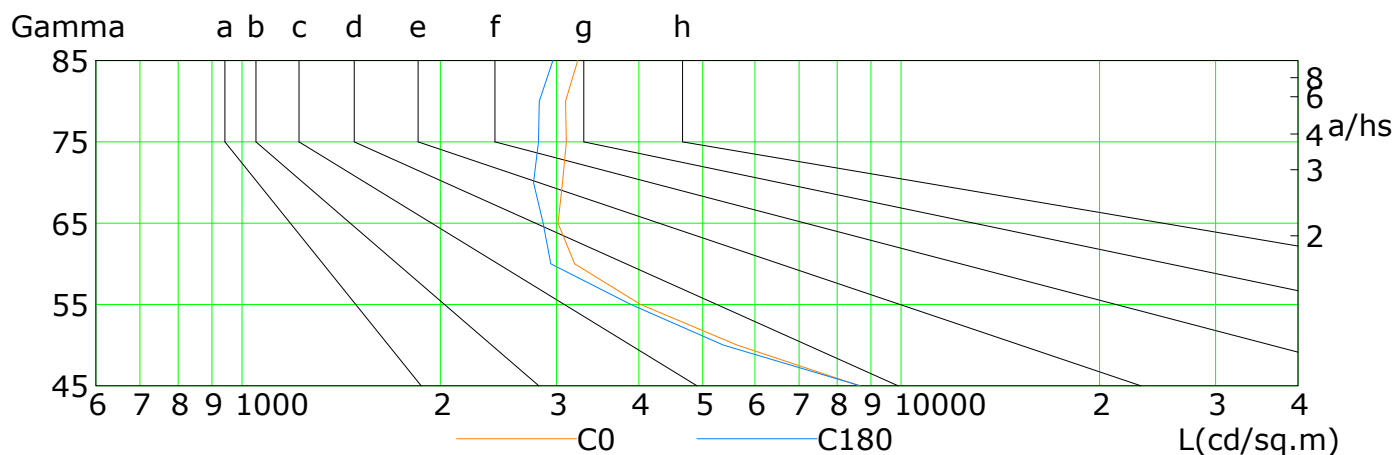
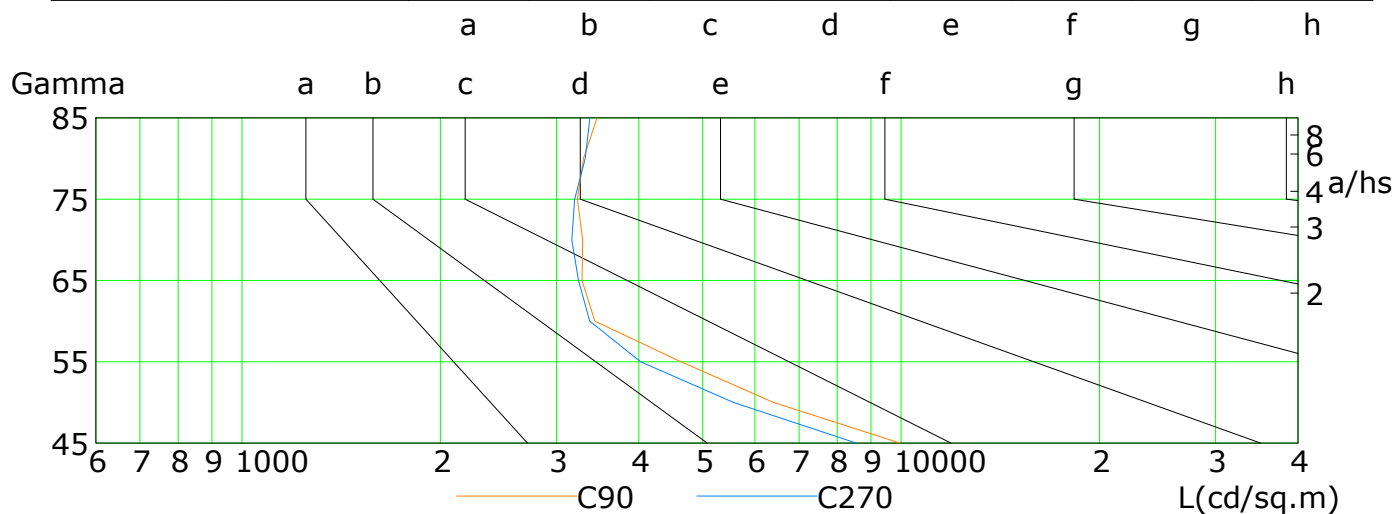


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	8648	5642	4024	3196	3016	3064	3104	3097	3232
C90	9965	6402	4634	3431	3280	3287	3228	3296	3457
C180	8670	5377	3890	2941	2864	2768	2816	2825	2963
C270	8551	5568	4024	3369	3239	3165	3197	3317	3371

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

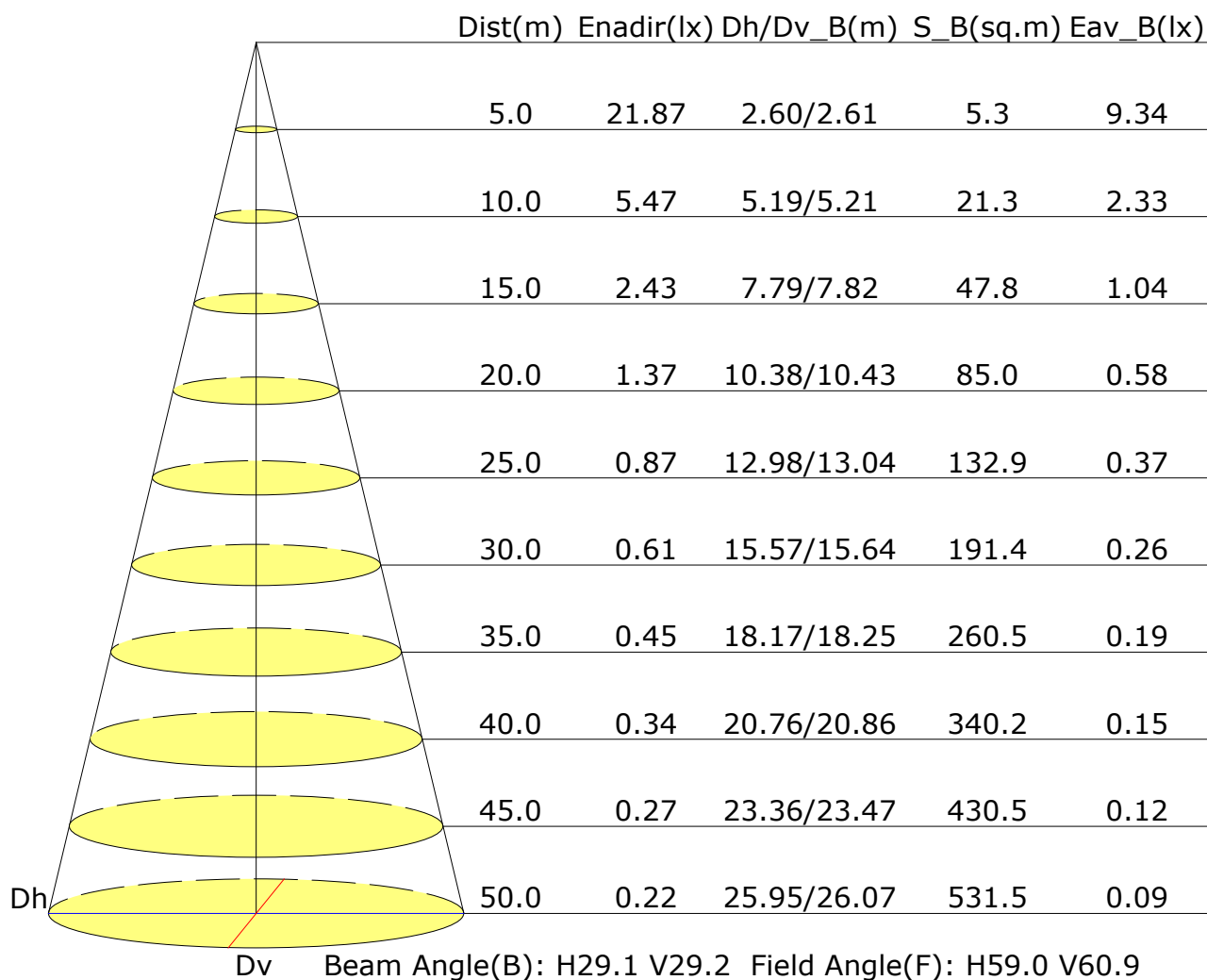
Test Device: GPM-1600L

Distance: 8.443 m

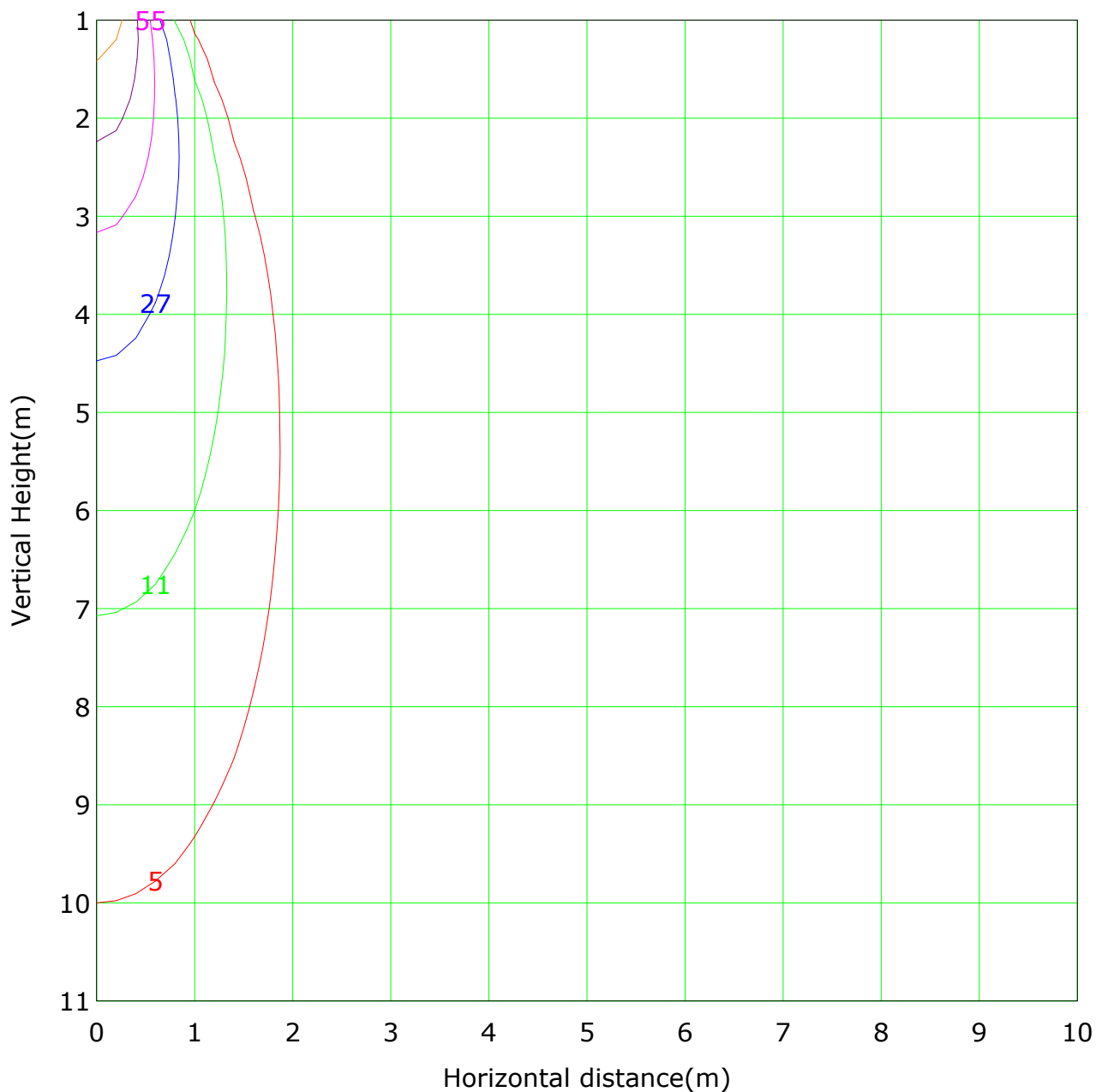
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



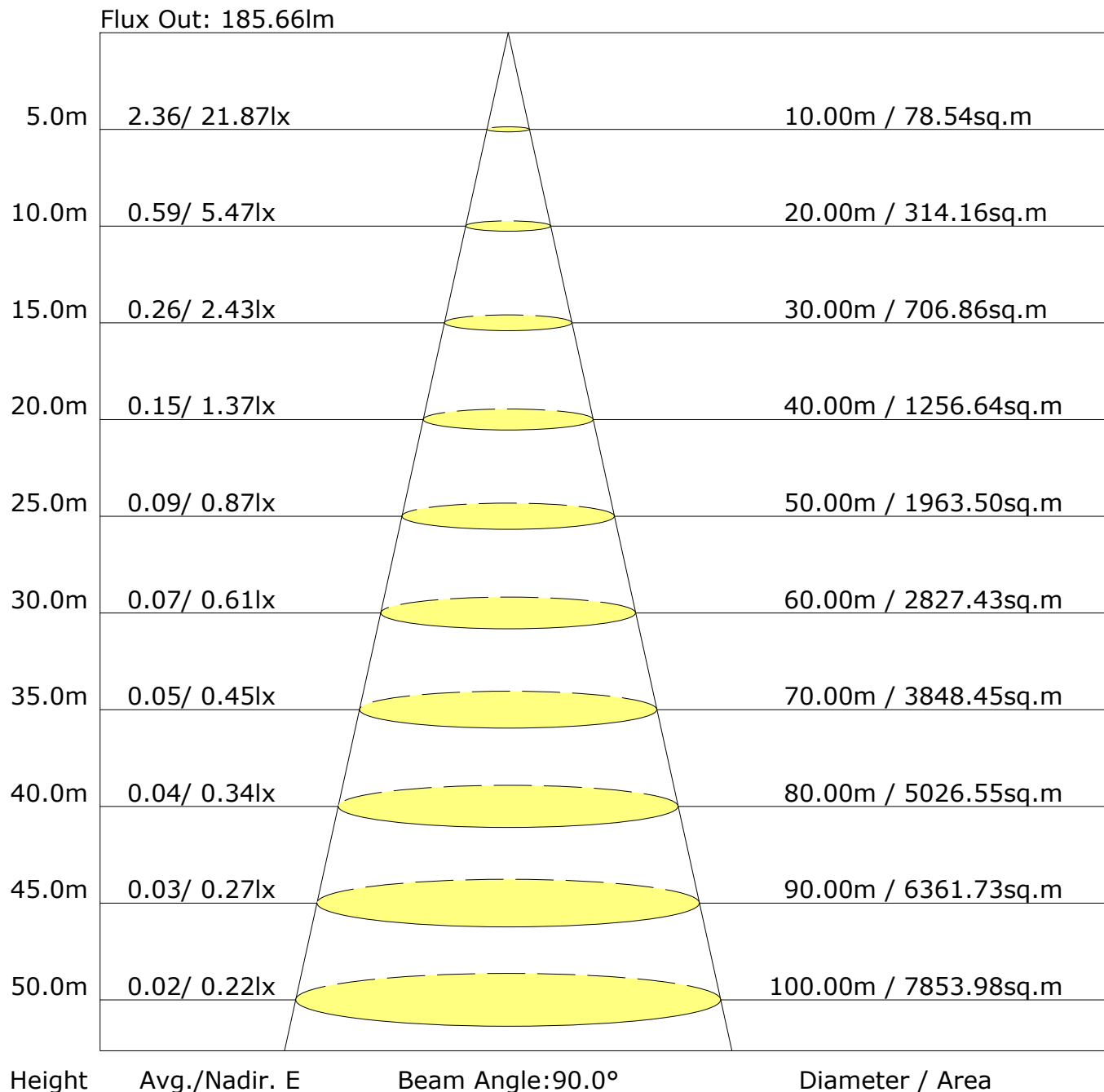
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 546.8 lx
— (1%): 5.5 lx — (2%): 10.9 lx
— (5%): 27.3 lx — (10%): 54.7 lx
— (20%): 109.4 lx — (50%): 273.4 lx
— (100%): 546.8 lx

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:

Humidity:

The Average Illuminance Effective Figure



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

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

UGR Table

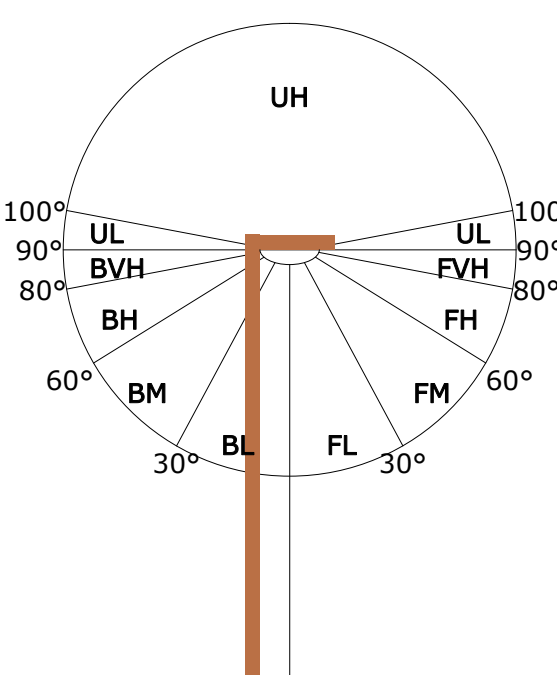
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	13.3	14.1	13.6	14.3	14.6	13.9	14.7	14.2	14.9	15.1
3H	13.9	14.6	14.2	14.9	15.1	14.4	15.1	14.7	15.4	15.7
4H	14.3	15.0	14.7	15.3	15.6	14.9	15.5	15.2	15.8	16.1
6H	15.0	15.6	15.3	15.9	16.3	15.5	16.1	15.8	16.4	16.7
8H	15.4	16.0	15.7	16.3	16.6	15.8	16.4	16.2	16.8	17.1
12H	15.7	16.3	16.1	16.7	17.0	16.2	16.8	16.6	17.1	17.5
X=4H Y=2H	13.4	14.0	13.7	14.3	14.6	13.9	14.6	14.2	14.9	15.2
3H	14.2	14.7	14.5	15.1	15.4	14.6	15.2	15.0	15.6	15.9
4H	14.8	15.4	15.2	15.7	16.1	15.3	15.8	15.7	16.2	16.6
6H	15.7	16.2	16.1	16.6	17.0	16.1	16.6	16.6	17.0	17.4
8H	16.2	16.6	16.7	17.1	17.5	16.6	17.0	17.1	17.5	17.9
12H	16.7	17.1	17.2	17.6	18.0	17.1	17.5	17.6	18.0	18.4
X=8H Y=4H	15.1	15.5	15.5	15.9	16.4	15.5	15.9	15.9	16.3	16.8
6H	16.2	16.5	16.6	17.0	17.5	16.5	16.9	17.0	17.3	17.8
8H	16.8	17.1	17.3	17.6	18.1	17.2	17.5	17.7	18.0	18.5
12H	17.5	17.8	18.1	18.3	18.8	17.9	18.2	18.4	18.7	19.2
X=12H Y=4H	15.1	15.5	15.6	16.0	16.4	15.5	15.9	16.0	16.3	16.8
6H	16.3	16.6	16.8	17.1	17.6	16.6	16.9	17.1	17.4	17.9
8H	17.0	17.3	17.5	17.8	18.3	17.3	17.6	17.9	18.1	18.6
Variations with the observer position at spacings:										
S=1.0H	+2.1/-1.2					+1.7/-0.9				
S=1.5H	+3.9/-1.6					+3.3/-1.3				
S=2.0H	+5.5/-1.9					+4.8/-1.6				

Calculate in accordance with CIE Pub.117. The table is revised with 205lm ($8\log(F/F_0) = -5.5$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	101	49.1
	FL (0°-30°)	81	39.6
	FM (30°-60°)	15	7.2
	FH (60°-80°)	3	1.5
	FVH (80°-90°)	2	0.8
	BACK LIGHT	101	49.2
	BL (0°-30°)	81	39.6
	BM (30°-60°)	15	7.3
	BH (60°-80°)	3	1.5
	BVH (80°-90°)	2	0.8
	UP LIGHT	3	1.7
	UL (90°-100°)	3	1.6
	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)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 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

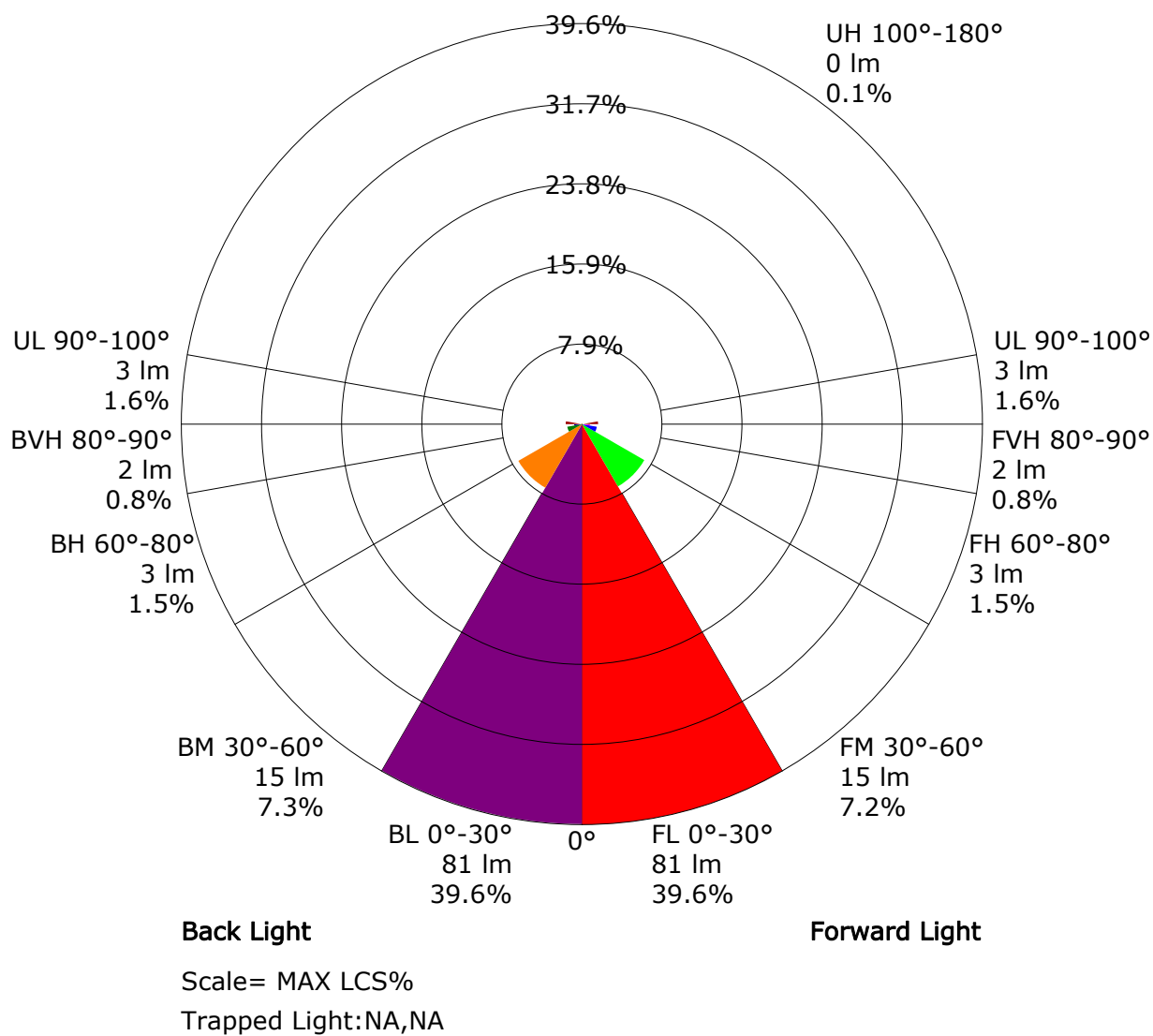
Test Device: GPM-1600L

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	0.97	1.00	1.03	1.06	1.07	1.09	1.11	
	0.30		0.84	0.89	0.93	0.96	1.00	1.02	1.04	1.07	1.09	
	0.20		0.81	0.86	0.90	0.93	0.97	1.00	1.02	1.05	1.07	
0.50	0.50	0.20	0.87	0.92	0.95	0.97	1.00	1.02	1.04	1.05	1.07	
	0.30		0.83	0.88	0.91	0.94	0.97	1.00	1.01	1.03	1.05	
	0.20		0.81	0.85	0.89	0.91	0.95	0.97	0.99	1.02	1.03	
0.30	0.50	0.20	0.86	0.90	0.93	0.95	0.97	0.99	1.00	1.02	1.03	
	0.30		0.83	0.87	0.90	0.92	0.95	0.97	0.98	1.00	1.01	
	0.20		0.80	0.85	0.88	0.90	0.93	0.95	0.97	0.99	1.00	
0.00	0.00	0.00	0.78	0.83	0.85	0.87	0.90	0.91	0.92	0.94	0.95	
Rating:5W 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	0.54	0.45	0.38	0.33	0.27	0.23	0.20	0.15	0.13	
	0.30		0.45	0.38	0.33	0.30	0.24	0.21	0.18	0.15	0.12	
	0.20		0.39	0.33	0.29	0.27	0.22	0.19	0.17	0.14	0.12	
0.50	0.50	0.20	0.51	0.42	0.35	0.31	0.25	0.25	0.18	0.14	0.12	
	0.30		0.43	0.36	0.31	0.28	0.23	0.19	0.17	0.13	0.11	
	0.20		0.37	0.32	0.28	0.25	0.21	0.18	0.16	0.13	0.11	
0.30	0.50	0.20	0.48	0.39	0.33	0.29	0.23	0.19	0.16	0.13	0.11	
	0.30		0.41	0.34	0.30	0.26	0.21	0.18	0.15	0.12	0.10	
	0.20		0.36	0.31	0.27	0.24	0.20	0.17	0.15	0.12	0.10	
0.00	0.00	0.00	0.22	0.18	0.15	0.13	0.11	0.09	0.08	0.06	0.05	
Rating:5W 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	0.14	0.16	0.17	0.18	0.20	0.21	0.21	0.22	0.23	
	0.30		0.10	0.12	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.19	0.20	
0.50	0.50	0.20	0.14	0.15	0.17	0.18	0.19	0.20	0.20	0.21	0.22	
	0.30		0.10	0.12	0.14	0.15	0.16	0.18	0.18	0.20	0.20	
	0.20		0.08	0.10	0.11	0.12	0.14	0.16	0.17	0.18	0.19	
0.30	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.08	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Rating:5W 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	544.7	0.5	0.5	0.25	0.25
1.0-2.0	541.2	1.6	2.1	0.76	1.01
2.0-3.0	533.8	2.6	4.6	1.25	2.26
3.0-4.0	523.0	3.5	8.1	1.71	3.97
4.0-5.0	509.5	4.4	12.5	2.14	6.11
5.0-6.0	492.2	5.2	17.7	2.52	8.63
6.0-7.0	472.6	5.9	23.6	2.86	11.49
7.0-8.0	451.0	6.5	30.0	3.15	14.64
8.0-9.0	427.6	6.9	36.9	3.38	18.02
9.0-10.0	403.5	7.3	44.2	3.56	21.59
10.0-11.0	377.0	7.5	51.8	3.68	25.26
11.0-12.0	350.1	7.7	59.4	3.74	29.00
12.0-13.0	324.9	7.7	67.1	3.76	32.76
13.0-14.0	299.3	7.7	74.8	3.74	36.50
14.0-15.0	274.6	7.5	82.3	3.68	40.18
15.0-16.0	251.2	7.4	89.7	3.59	43.77
16.0-17.0	228.9	7.1	96.8	3.48	47.25
17.0-18.0	209.3	6.9	103.7	3.37	50.62
18.0-19.0	190.3	6.6	110.4	3.23	53.85
19.0-20.0	172.5	6.3	116.7	3.08	56.93
20.0-21.0	157.0	6.0	122.7	2.94	59.87
21.0-22.0	142.1	5.7	128.4	2.79	62.66
22.0-23.0	128.5	5.4	133.8	2.63	65.29
23.0-24.0	116.0	5.1	138.9	2.47	67.76
24.0-25.0	104.1	4.7	143.6	2.31	70.07
25.0-26.0	93.6	4.4	148.0	2.16	72.23
26.0-27.0	83.3	4.1	152.1	1.99	74.22
27.0-28.0	73.7	3.7	155.8	1.82	76.04
28.0-29.0	65.4	3.4	159.3	1.67	77.71
29.0-30.0	57.6	3.1	162.4	1.52	79.23
30.0-31.0	50.8	2.8	165.2	1.38	80.61
31.0-32.0	44.8	2.6	167.8	1.25	81.86
32.0-33.0	39.5	2.3	170.1	1.14	82.99
33.0-34.0	35.2	2.1	172.2	1.04	84.03
34.0-35.0	31.1	1.9	174.2	0.94	84.98
35.0-36.0	27.5	1.8	175.9	0.85	85.83

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	24.5	1.6	177.5	0.78	86.61
37.0-38.0	21.7	1.4	178.9	0.71	87.31
38.0-39.0	19.1	1.3	180.3	0.63	87.95
39.0-40.0	16.7	1.2	181.4	0.57	88.52
40.0-41.0	14.7	1.0	182.5	0.51	89.03
41.0-42.0	12.9	0.9	183.4	0.46	89.49
42.0-43.0	11.3	0.8	184.2	0.41	89.90
43.0-44.0	9.9	0.7	185.0	0.36	90.26
44.0-45.0	8.7	0.7	185.7	0.33	90.59
45.0-46.0	7.8	0.6	186.3	0.30	90.89
46.0-47.0	7.1	0.6	186.8	0.28	91.16
47.0-48.0	6.6	0.5	187.4	0.26	91.42
48.0-49.0	6.1	0.5	187.9	0.24	91.66
49.0-50.0	5.6	0.5	188.3	0.23	91.89
50.0-51.0	5.2	0.4	188.8	0.22	92.11
51.0-52.0	4.9	0.4	189.2	0.21	92.31
52.0-53.0	4.6	0.4	189.6	0.20	92.51
53.0-54.0	4.3	0.4	190.0	0.18	92.69
54.0-55.0	4.1	0.4	190.3	0.18	92.87
55.0-56.0	3.9	0.4	190.7	0.17	93.04
56.0-57.0	3.7	0.3	191.0	0.17	93.21
57.0-58.0	3.5	0.3	191.4	0.16	93.37
58.0-59.0	3.3	0.3	191.7	0.15	93.52
59.0-60.0	3.2	0.3	192.0	0.15	93.67
60.0-61.0	3.1	0.3	192.3	0.15	93.81
61.0-62.0	3.1	0.3	192.6	0.15	93.96
62.0-63.0	3.1	0.3	192.9	0.15	94.10
63.0-64.0	3.1	0.3	193.2	0.15	94.25
64.0-65.0	3.1	0.3	193.5	0.15	94.40
65.0-66.0	3.0	0.3	193.8	0.15	94.55
66.0-67.0	3.0	0.3	194.1	0.15	94.69
67.0-68.0	3.0	0.3	194.4	0.15	94.84
68.0-69.0	3.0	0.3	194.7	0.15	94.99
69.0-70.0	3.0	0.3	195.0	0.15	95.14
70.0-71.0	3.0	0.3	195.3	0.15	95.29
71.0-72.0	3.0	0.3	195.6	0.15	95.45

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	3.0	0.3	195.9	0.15	95.60
73.0-74.0	3.0	0.3	196.2	0.15	95.75
74.0-75.0	3.0	0.3	196.6	0.15	95.91
75.0-76.0	3.0	0.3	196.9	0.15	96.06
76.0-77.0	3.0	0.3	197.2	0.16	96.22
77.0-78.0	3.0	0.3	197.5	0.16	96.38
78.0-79.0	3.0	0.3	197.8	0.16	96.53
79.0-80.0	3.0	0.3	198.2	0.16	96.69
80.0-81.0	3.0	0.3	198.5	0.16	96.85
81.0-82.0	3.0	0.3	198.8	0.16	97.01
82.0-83.0	3.0	0.3	199.1	0.16	97.17
83.0-84.0	3.0	0.3	199.5	0.16	97.33
84.0-85.0	3.0	0.3	199.8	0.16	97.49
85.0-86.0	3.0	0.3	200.1	0.16	97.65
86.0-87.0	3.0	0.3	200.5	0.16	97.81
87.0-88.0	3.0	0.3	200.8	0.16	97.98
88.0-89.0	3.0	0.3	201.1	0.16	98.14
89.0-90.0	3.1	0.3	201.5	0.16	98.30
90.0-91.0	3.1	0.3	201.8	0.16	98.47
91.0-92.0	3.0	0.3	202.1	0.16	98.63
92.0-93.0	3.0	0.3	202.5	0.16	98.79
93.0-94.0	3.0	0.3	202.8	0.16	98.95
94.0-95.0	3.0	0.3	203.1	0.16	99.12
95.0-96.0	3.0	0.3	203.5	0.16	99.28
96.0-97.0	3.0	0.3	203.8	0.16	99.44
97.0-98.0	3.0	0.3	204.1	0.16	99.60
98.0-99.0	3.0	0.3	204.5	0.16	99.76
99.0-100.0	3.0	0.3	204.8	0.16	99.92
100.0-101.0	1.5	0.2	204.9	0.08	100.00
101.0-102.0	0.0	0.0	204.9	0.00	100.00
102.0-103.0	0.0	0.0	204.9	0.00	100.00
103.0-104.0	0.0	0.0	204.9	0.00	100.00
104.0-105.0	0.0	0.0	204.9	0.00	100.00
105.0-106.0	0.0	0.0	204.9	0.00	100.00
106.0-107.0	0.0	0.0	204.9	0.00	100.00
107.0-108.0	0.0	0.0	204.9	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	204.9	0.00	100.00
109.0-110.0	0.0	0.0	204.9	0.00	100.00
110.0-111.0	0.0	0.0	204.9	0.00	100.00
111.0-112.0	0.0	0.0	204.9	0.00	100.00
112.0-113.0	0.0	0.0	204.9	0.00	100.00
113.0-114.0	0.0	0.0	204.9	0.00	100.00
114.0-115.0	0.0	0.0	204.9	0.00	100.00
115.0-116.0	0.0	0.0	204.9	0.00	100.00
116.0-117.0	0.0	0.0	204.9	0.00	100.00
117.0-118.0	0.0	0.0	204.9	0.00	100.00
118.0-119.0	0.0	0.0	204.9	0.00	100.00
119.0-120.0	0.0	0.0	204.9	0.00	100.00
120.0-121.0	0.0	0.0	204.9	0.00	100.00
121.0-122.0	0.0	0.0	204.9	0.00	100.00
122.0-123.0	0.0	0.0	204.9	0.00	100.00
123.0-124.0	0.0	0.0	204.9	0.00	100.00
124.0-125.0	0.0	0.0	204.9	0.00	100.00
125.0-126.0	0.0	0.0	204.9	0.00	100.00
126.0-127.0	0.0	0.0	204.9	0.00	100.00
127.0-128.0	0.0	0.0	204.9	0.00	100.00
128.0-129.0	0.0	0.0	204.9	0.00	100.00
129.0-130.0	0.0	0.0	204.9	0.00	100.00
130.0-131.0	0.0	0.0	204.9	0.00	100.00
131.0-132.0	0.0	0.0	204.9	0.00	100.00
132.0-133.0	0.0	0.0	204.9	0.00	100.00
133.0-134.0	0.0	0.0	204.9	0.00	100.00
134.0-135.0	0.0	0.0	204.9	0.00	100.00
135.0-136.0	0.0	0.0	204.9	0.00	100.00
136.0-137.0	0.0	0.0	204.9	0.00	100.00
137.0-138.0	0.0	0.0	204.9	0.00	100.00
138.0-139.0	0.0	0.0	204.9	0.00	100.00
139.0-140.0	0.0	0.0	204.9	0.00	100.00
140.0-141.0	0.0	0.0	204.9	0.00	100.00
141.0-142.0	0.0	0.0	204.9	0.00	100.00
142.0-143.0	0.0	0.0	204.9	0.00	100.00
143.0-144.0	0.0	0.0	204.9	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	204.9	0.00	100.00
145.0-146.0	0.0	0.0	204.9	0.00	100.00
146.0-147.0	0.0	0.0	204.9	0.00	100.00
147.0-148.0	0.0	0.0	204.9	0.00	100.00
148.0-149.0	0.0	0.0	204.9	0.00	100.00
149.0-150.0	0.0	0.0	204.9	0.00	100.00
150.0-151.0	0.0	0.0	204.9	0.00	100.00
151.0-152.0	0.0	0.0	204.9	0.00	100.00
152.0-153.0	0.0	0.0	204.9	0.00	100.00
153.0-154.0	0.0	0.0	204.9	0.00	100.00
154.0-155.0	0.0	0.0	204.9	0.00	100.00
155.0-156.0	0.0	0.0	204.9	0.00	100.00
156.0-157.0	0.0	0.0	204.9	0.00	100.00
157.0-158.0	0.0	0.0	204.9	0.00	100.00
158.0-159.0	0.0	0.0	204.9	0.00	100.00
159.0-160.0	0.0	0.0	204.9	0.00	100.00
160.0-161.0	0.0	0.0	204.9	0.00	100.00
161.0-162.0	0.0	0.0	204.9	0.00	100.00
162.0-163.0	0.0	0.0	204.9	0.00	100.00
163.0-164.0	0.0	0.0	204.9	0.00	100.00
164.0-165.0	0.0	0.0	204.9	0.00	100.00
165.0-166.0	0.0	0.0	204.9	0.00	100.00
166.0-167.0	0.0	0.0	204.9	0.00	100.00
167.0-168.0	0.0	0.0	204.9	0.00	100.00
168.0-169.0	0.0	0.0	204.9	0.00	100.00
169.0-170.0	0.0	0.0	204.9	0.00	100.00
170.0-171.0	0.0	0.0	204.9	0.00	100.00
171.0-172.0	0.0	0.0	204.9	0.00	100.00
172.0-173.0	0.0	0.0	204.9	0.00	100.00
173.0-174.0	0.0	0.0	204.9	0.00	100.00
174.0-175.0	0.0	0.0	204.9	0.00	100.00
175.0-176.0	0.0	0.0	204.9	0.00	100.00
176.0-177.0	0.0	0.0	204.9	0.00	100.00
177.0-178.0	0.0	0.0	204.9	0.00	100.00
178.0-179.0	0.0	0.0	204.9	0.00	100.00
179.0-180.0	0.0	0.0	204.9	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	546.8	544.3	546.8	544.3	546.8					
G1.0	545.4	541.9	544.7	543.3	545.4					
G2.0	540.2	536.0	539.0	539.0	540.2					
G3.0	531.1	526.3	529.1	529.6	531.1					
G4.0	518.8	513.9	517.3	517.7	518.8					
G5.0	504.0	499.4	502.5	502.1	504.0					
G6.0	483.4	480.2	483.2	483.0	483.4					
G7.0	462.3	461.2	463.9	463.4	462.3					
G8.0	439.3	437.5	439.6	440.9	439.3					
G9.0	416.5	415.2	415.5	416.5	416.5					
G10.0	391.6	390.8	391.2	390.6	391.6					
G11.0	364.1	363.6	362.5	361.9	364.1					
G12.0	338.1	339.7	336.3	335.0	338.1					
G13.0	312.8	315.1	312.2	309.7	312.8					
G14.0	286.9	290.3	285.3	281.8	286.9					
G15.0	263.2	268.0	262.9	258.5	263.2					
G16.0	239.3	246.2	238.5	233.1	239.3					
G17.0	218.7	226.8	217.5	211.5	218.7					
G18.0	198.7	209.6	198.8	192.7	198.7					
G19.0	179.2	191.5	179.0	172.8	179.2					
G20.0	162.5	176.8	162.4	155.9	162.5					
G21.0	147.0	162.5	147.7	141.0	147.0					
G22.0	132.2	148.5	132.1	125.9	132.2					
G23.0	120.0	135.8	119.6	114.1	120.0					
G24.0	107.7	123.2	106.1	101.5	107.7					
G25.0	96.3	112.6	94.9	90.8	96.3					
G26.0	85.5	102.5	84.9	81.1	85.5					
G27.0	75.1	92.2	74.7	70.5	75.1					
G28.0	65.9	83.4	66.3	61.5	65.9					
G29.0	57.6	75.7	59.0	53.7	57.6					
G30.0	49.9	67.9	51.7	45.7	49.9					
G31.0	44.1	61.5	45.9	39.5	44.1					
G32.0	38.1	54.5	40.3	34.2	38.1					
G33.0	33.5	49.4	35.8	30.1	33.5					
G34.0	29.7	44.6	31.9	26.3	29.7					
G35.0	26.0	39.2	28.4	22.9	26.0					
G36.0	23.0	34.9	25.3	20.5	23.0					

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 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	20.7	30.7	22.5	18.2	20.7					
G38.0	18.4	26.4	19.9	16.4	18.4					
G39.0	16.5	22.6	17.6	14.8	16.5					
G40.0	14.6	19.2	15.3	13.3	14.6					
G41.0	13.0	16.3	13.5	12.1	13.0					
G42.0	11.5	14.0	11.9	10.9	11.5					
G43.0	10.1	11.9	10.3	9.8	10.1					
G44.0	8.9	10.2	9.0	8.7	8.9					
G45.0	7.9	9.2	8.0	7.9	7.9					
G46.0	7.1	8.2	7.3	7.1	7.1					
G47.0	6.7	7.5	6.6	6.6	6.7					
G48.0	6.1	6.9	6.0	6.1	6.1					
G49.0	5.7	6.4	5.5	5.6	5.7					
G50.0	5.3	6.1	5.1	5.3	5.3					
G51.0	4.9	5.6	4.7	4.9	4.9					
G52.0	4.7	5.4	4.4	4.5	4.7					
G53.0	4.4	5.0	4.1	4.3	4.4					
G54.0	4.0	4.7	3.8	4.0	4.0					
G55.0	3.9	4.5	3.8	3.9	3.9					
G56.0	3.7	4.3	3.6	3.7	3.7					
G57.0	3.6	4.1	3.3	3.5	3.6					
G58.0	3.5	3.6	3.1	3.5	3.5					
G59.0	3.2	3.3	2.9	3.3	3.2					
G60.0	3.1	3.4	2.9	3.3	3.1					
G61.0	3.0	3.3	2.9	3.2	3.0					
G62.0	3.0	3.2	2.8	3.2	3.0					
G63.0	3.0	3.3	2.8	3.3	3.0					
G64.0	3.0	3.2	2.8	3.2	3.0					
G65.0	3.0	3.2	2.8	3.2	3.0					
G66.0	2.9	3.2	2.7	3.2	2.9					
G67.0	2.9	3.2	2.8	3.2	2.9					
G68.0	2.9	3.2	2.7	3.1	2.9					
G69.0	2.9	3.2	2.8	3.1	2.9					
G70.0	3.0	3.2	2.7	3.1	3.0					
G71.0	2.9	3.2	2.8	3.1	2.9					
G72.0	3.0	3.2	2.7	3.2	3.0					
G73.0	3.0	3.1	2.8	3.2	3.0					

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 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	2.9	3.2	2.8	3.1	2.9					
G75.0	3.0	3.1	2.7	3.1	3.0					
G76.0	3.0	3.1	2.7	3.1	3.0					
G77.0	3.0	3.2	2.7	3.1	3.0					
G78.0	3.0	3.2	2.8	3.2	3.0					
G79.0	3.0	3.2	2.7	3.2	3.0					
G80.0	3.0	3.2	2.7	3.2	3.0					
G81.0	2.9	3.2	2.8	3.1	2.9					
G82.0	3.0	3.1	2.8	3.2	3.0					
G83.0	3.0	3.1	2.7	3.2	3.0					
G84.0	3.0	3.3	2.8	3.1	3.0					
G85.0	3.0	3.2	2.8	3.1	3.0					
G86.0	3.0	3.2	2.8	3.2	3.0					
G87.0	2.9	3.2	2.8	3.1	2.9					
G88.0	3.0	3.2	2.8	3.2	3.0					
G89.0	3.0	3.2	2.8	3.2	3.0					
G90.0	3.0	3.3	2.9	3.1	3.0					
G91.0	3.0	3.2	2.8	3.2	3.0					
G92.0	3.0	3.2	2.8	3.2	3.0					
G93.0	3.0	3.2	2.8	3.2	3.0					
G94.0	3.0	3.2	2.8	3.2	3.0					
G95.0	3.0	3.2	2.7	3.2	3.0					
G96.0	3.0	3.2	2.8	3.2	3.0					
G97.0	3.0	3.2	2.8	3.2	3.0					
G98.0	3.0	3.2	2.8	3.1	3.0					
G99.0	3.0	3.2	2.8	3.2	3.0					
G100.0	3.0	3.2	2.8	3.2	3.0					
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: