

Report No.:

Test Time: 2025-02-15 09:34

Luminaire Property

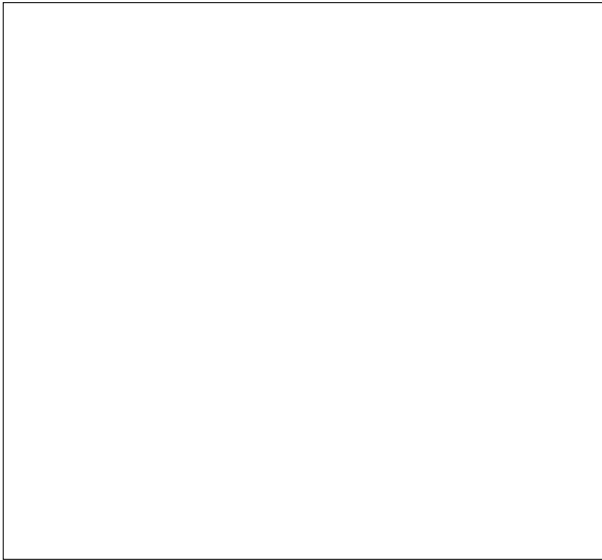
Luminaire Manufacturer: 6740 nordecor
Luminous Length (mm): 30
Luminous Height (mm): 123
Current: 0.140 A
Power Factor: 1.000

Luminous Width (mm): 30
Voltage: 48.0 V
Power: 6.70 W

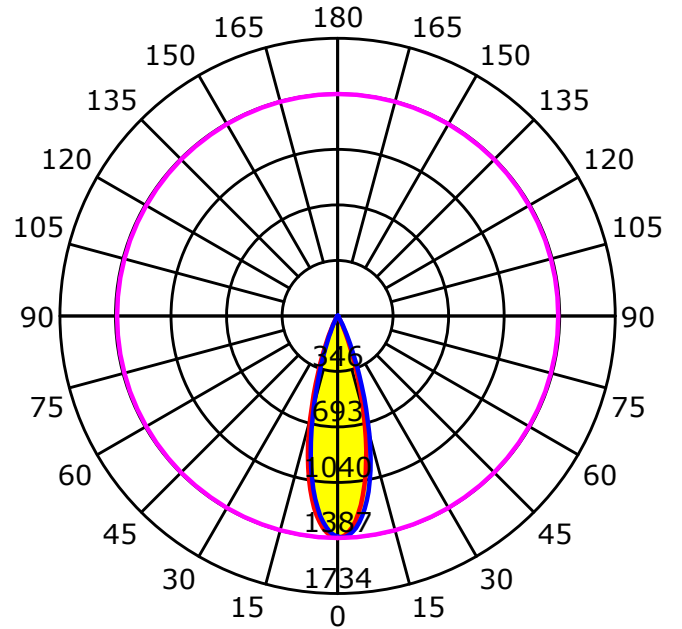
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 385.7 lm
Measurement Flux: 385.7 lm	Efficiency: 100%
Downward Ratio: 99%	Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%,80%,100%): H48.3,H28.8,H17.1,H0	
Vertical Diffuse Angle(10%,50%,80%,100%): V48.7,V29.4,V18,V1	
Luminaire Efficacy Rating (LER): 57.61	Central Intensity: 1387.95 cd
Max. Intensity: 1387.95 cd	Pos of Max. Intensity: H0 V0
S/MH(C0/C180): 0.48	S/MH(C90/C270): 0.49

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 29.1°

— C0-C180 — C90-C270 — G0

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

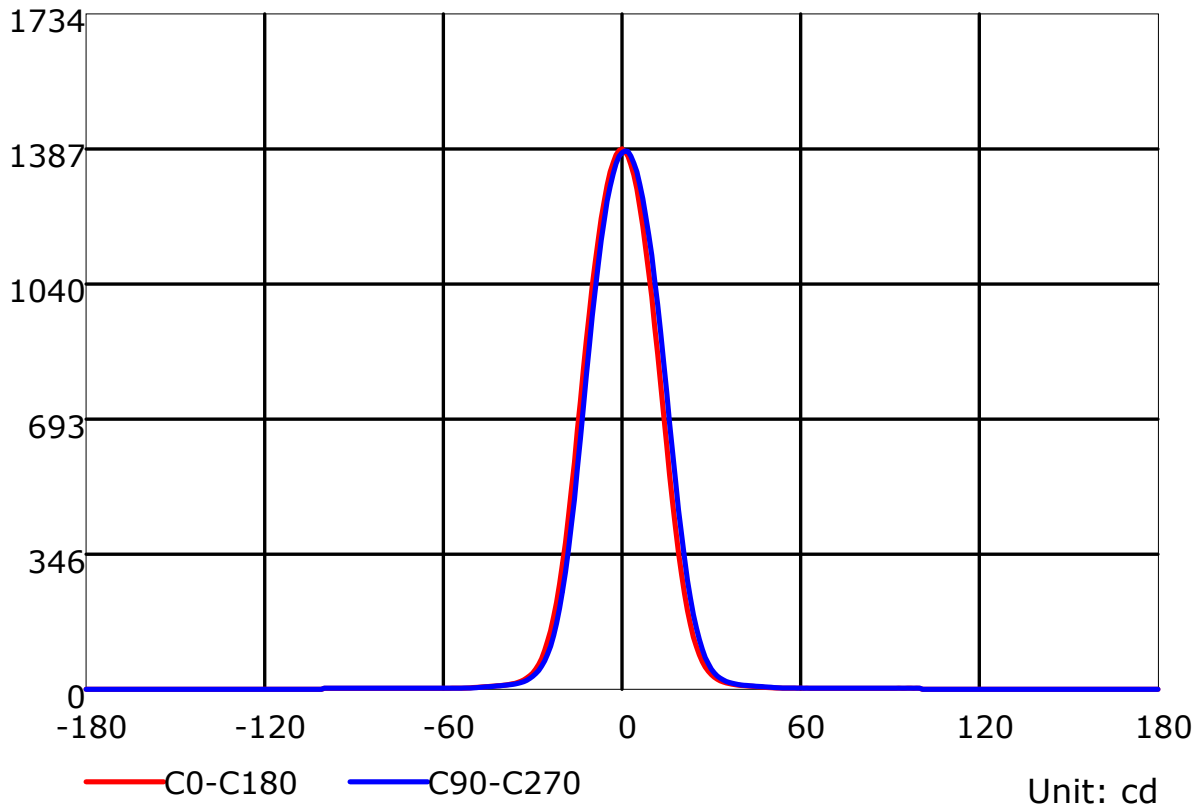
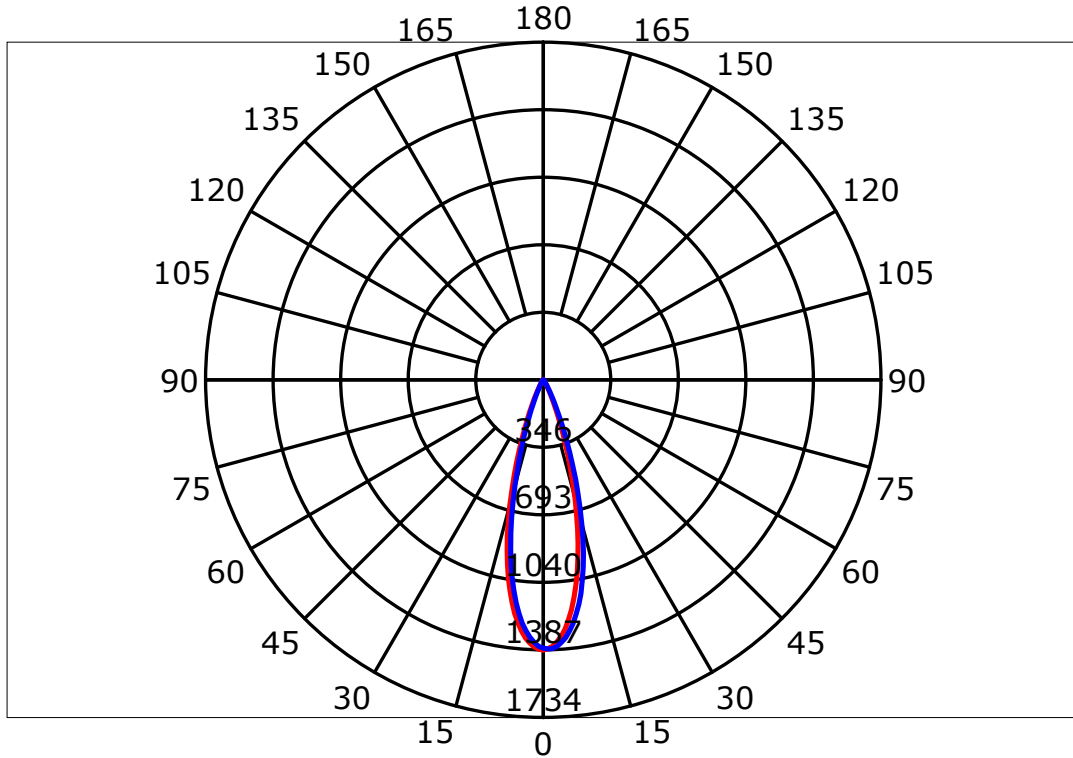
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

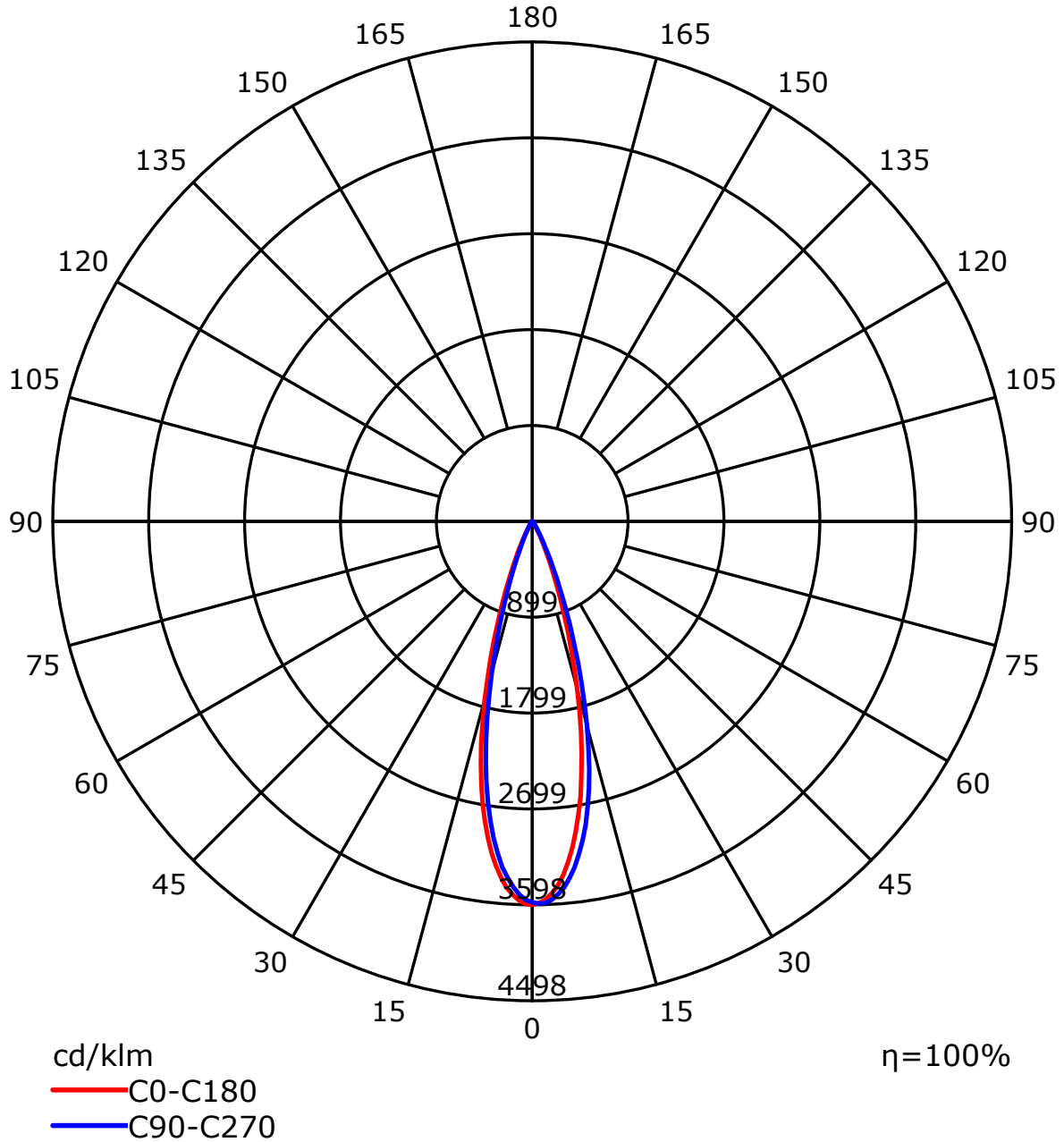
Luminous Intensity Distribution Curve



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

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

Luminous Intensity Distribution Curve(cd/klm)



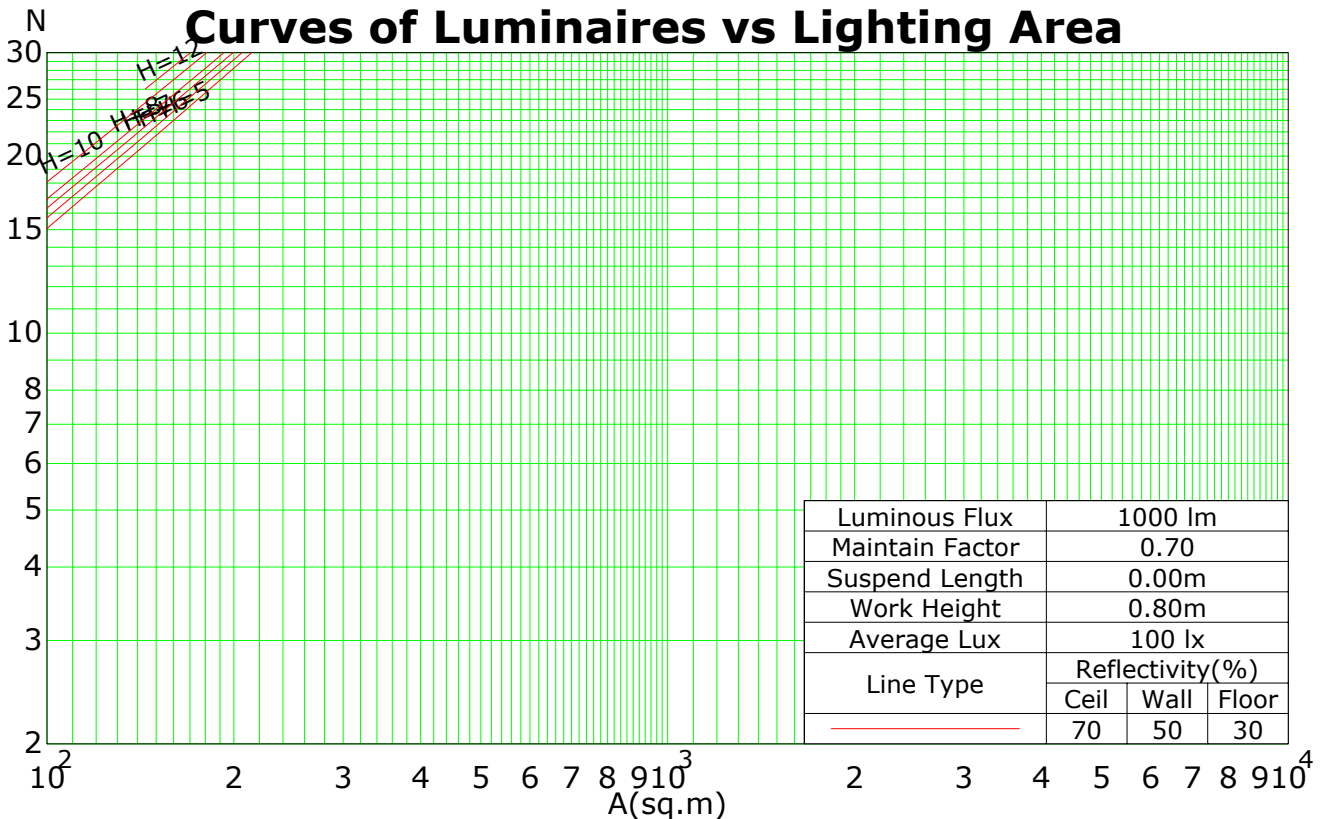
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	114	112	109	107	112	109	107	106	105	104	102	101	100	99	98	97	96	94
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	93	92	90
3	106	101	97	94	104	99	96	93	97	94	91	94	92	90	92	90	88	87
4	102	96	92	89	101	95	91	88	93	90	87	91	88	86	89	87	85	84
5	99	93	88	85	97	92	87	84	90	86	83	88	85	83	87	84	82	81
6	96	89	84	81	94	88	84	81	87	83	80	85	82	80	84	81	79	78
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76
8	90	83	78	75	89	82	78	75	81	78	75	80	77	75	80	77	74	73
9	88	80	76	73	87	80	76	73	79	75	73	78	75	72	77	74	72	71
10	85	78	74	71	84	77	73	71	77	73	70	76	73	70	75	72	70	69

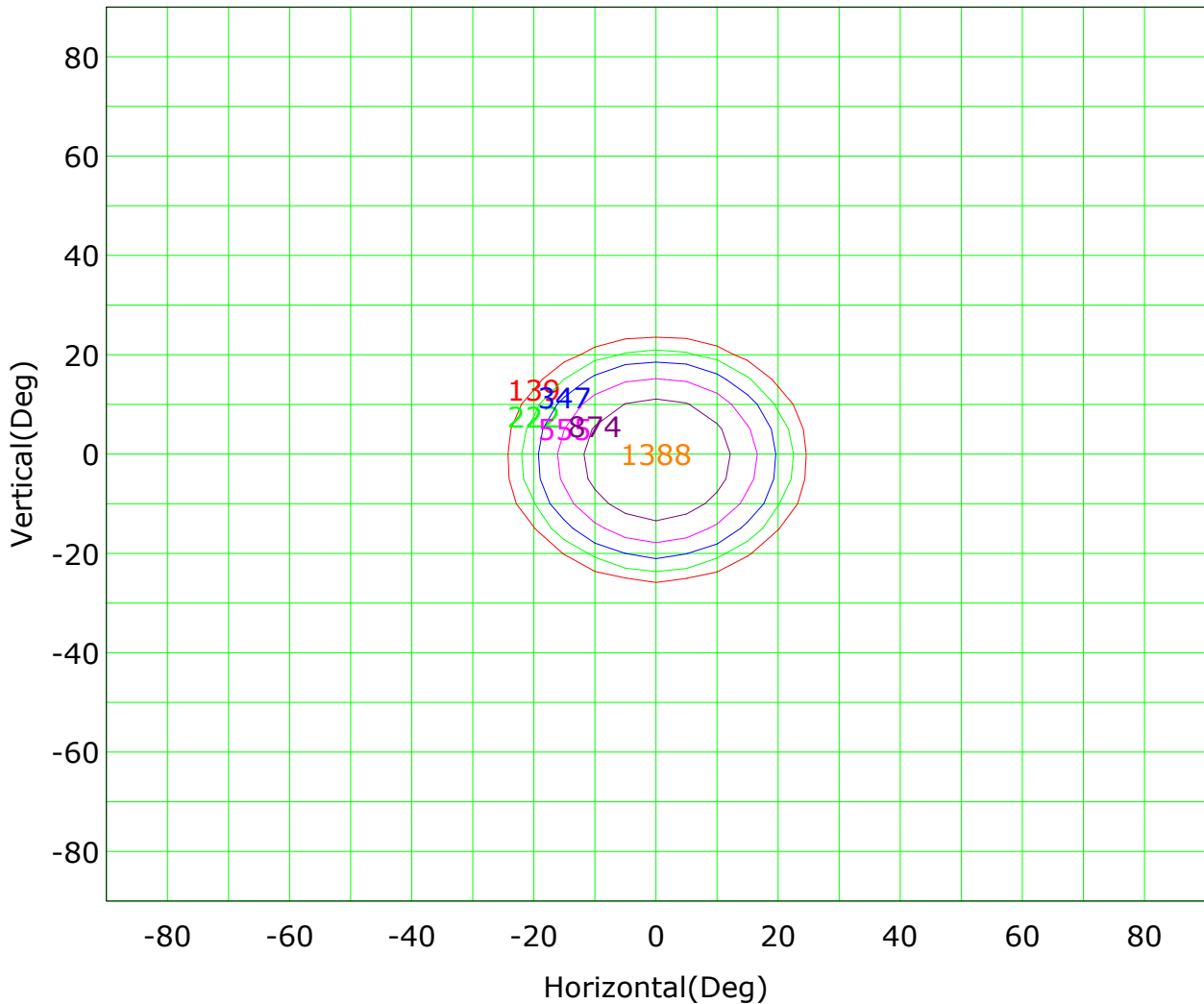
Spacing Criteria (0-180): 0.48
 Spacing Criteria (90-270): 0.49
 Spacing Criteria (Diagonal): 0.47



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)



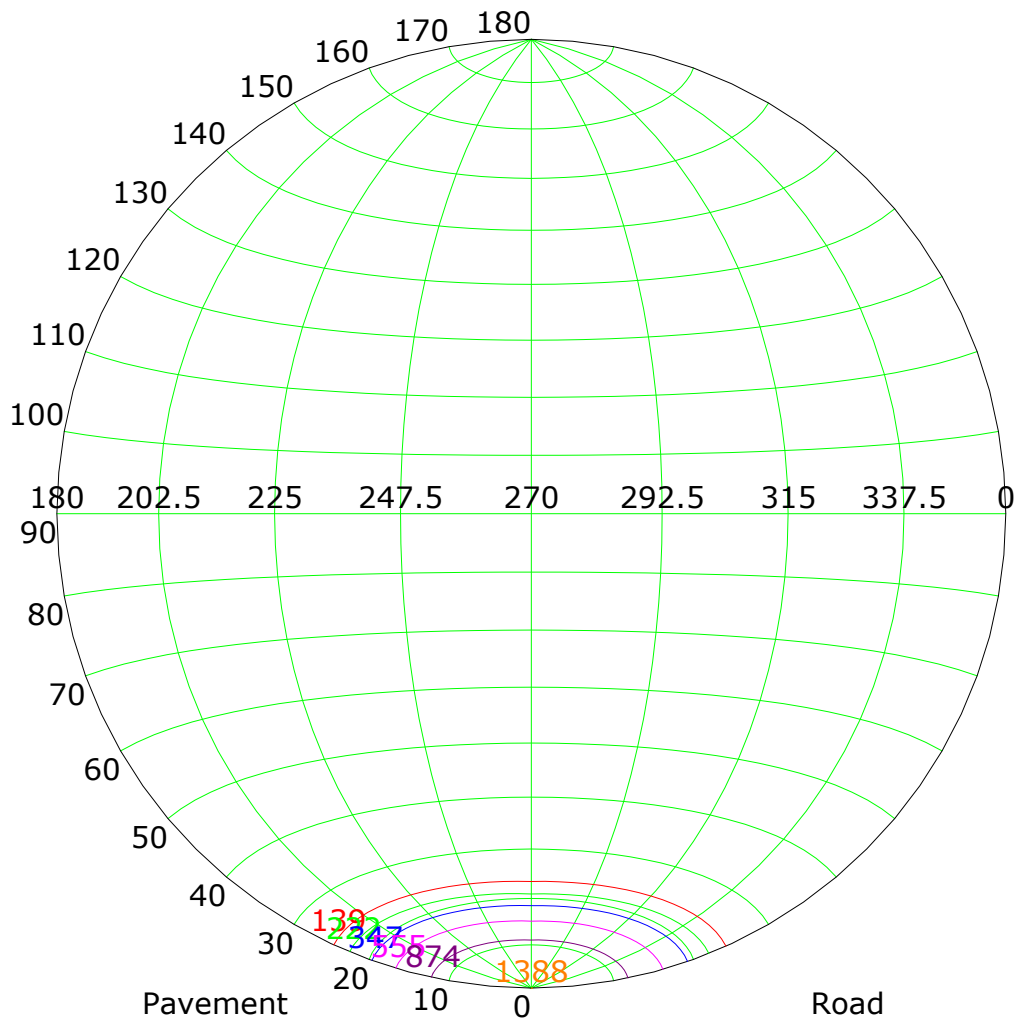
Imax (100%): 1388 cd

— (10%): 139 cd	— (16%): 222 cd
— (25%): 347 cd	— (40%): 555 cd
— (63%): 874 cd	— (100%): 1388 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)



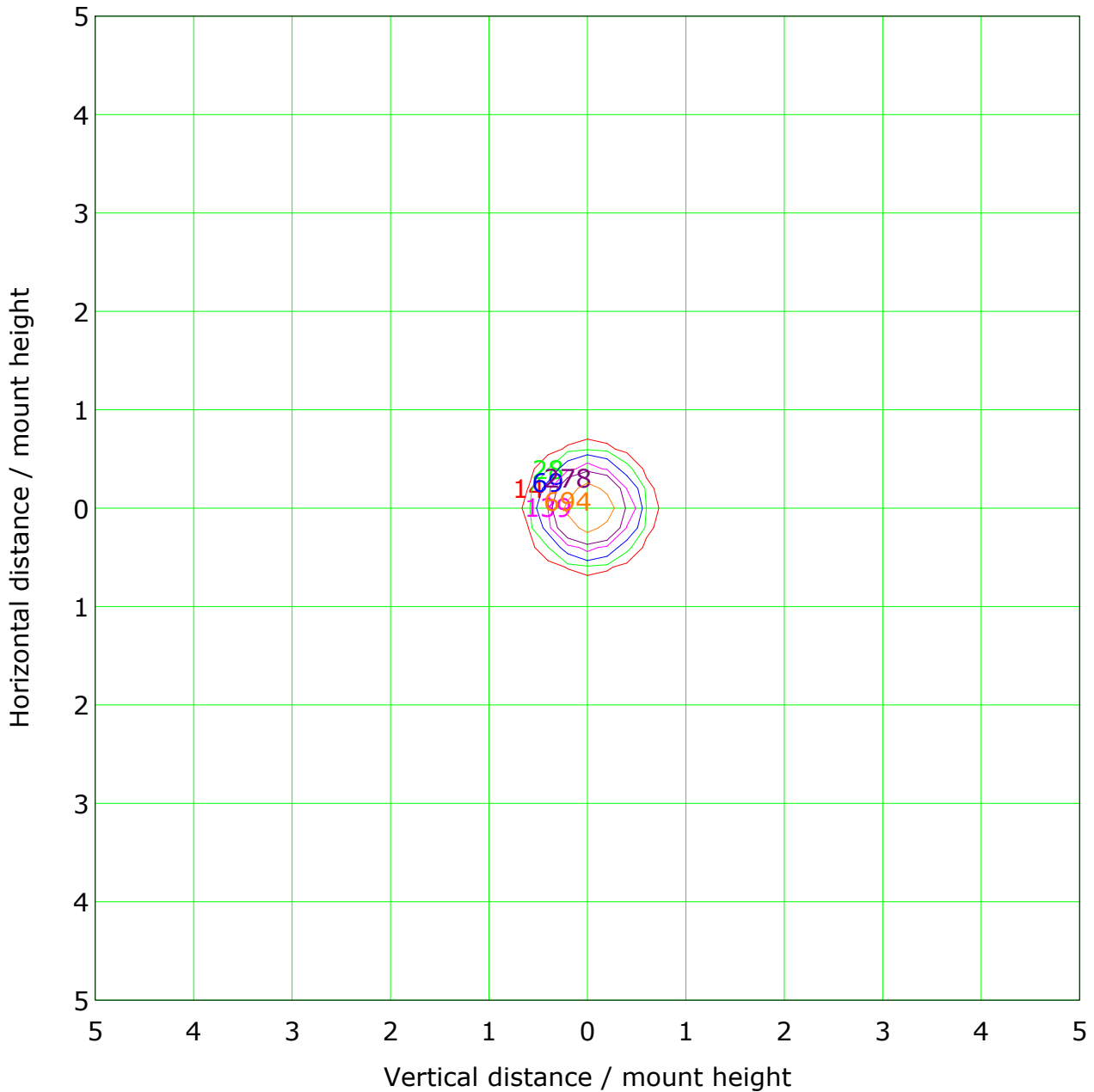
Imax (100%): 1388 cd

— (10%): 139 cd	— (16%): 222 cd
— (25%): 347 cd	— (40%): 555 cd
— (63%): 874 cd	— (100%): 1388 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%): 1387.9 lx

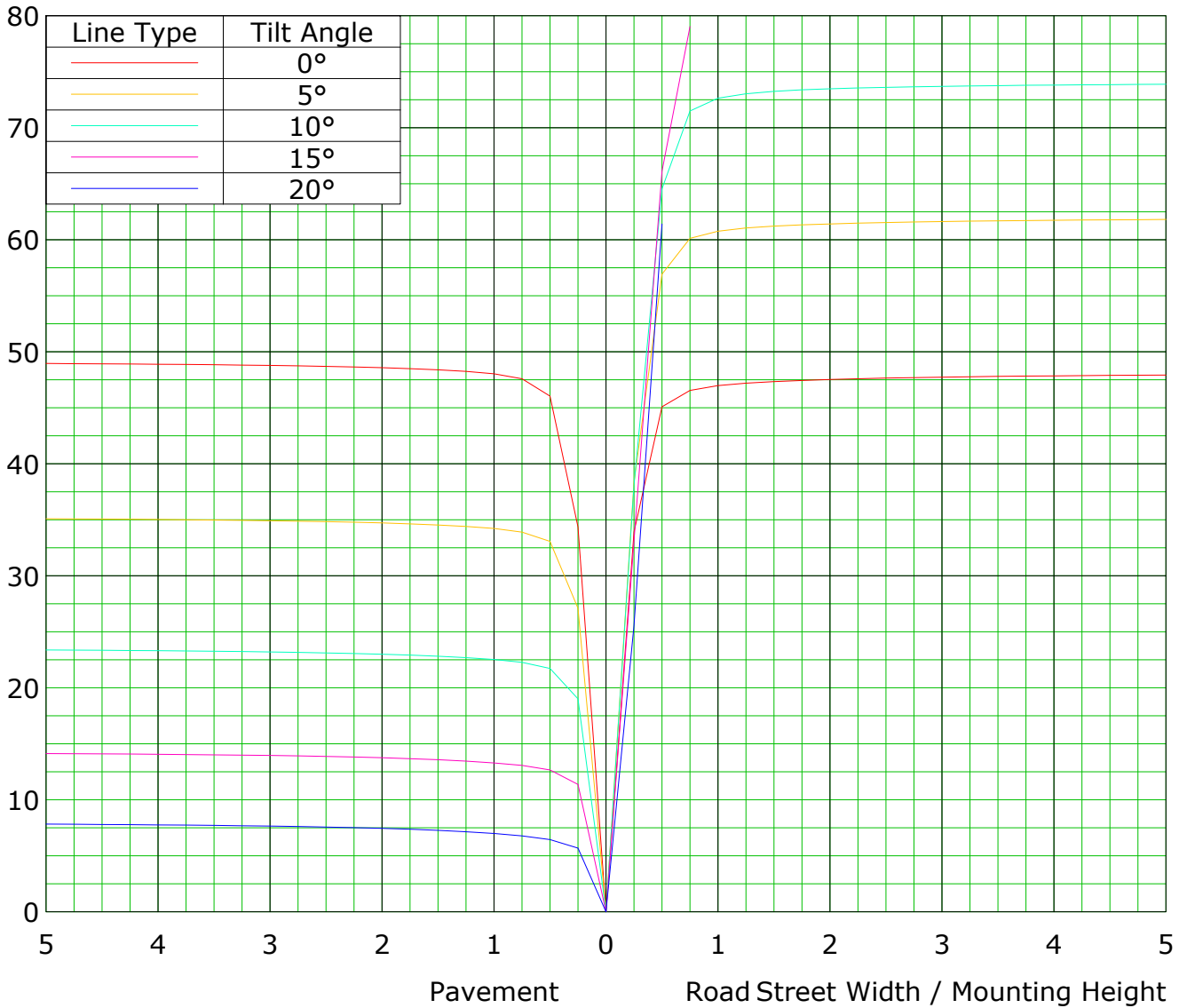
— (1%): 13.9 lx	— (2%): 27.8 lx
— (5%): 69.4 lx	— (10%): 138.8 lx
— (20%): 277.6 lx	— (50%): 694.0 lx
— (100%):1387.9 lx	

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

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

Roadway CU Curve

Efficiency(%)



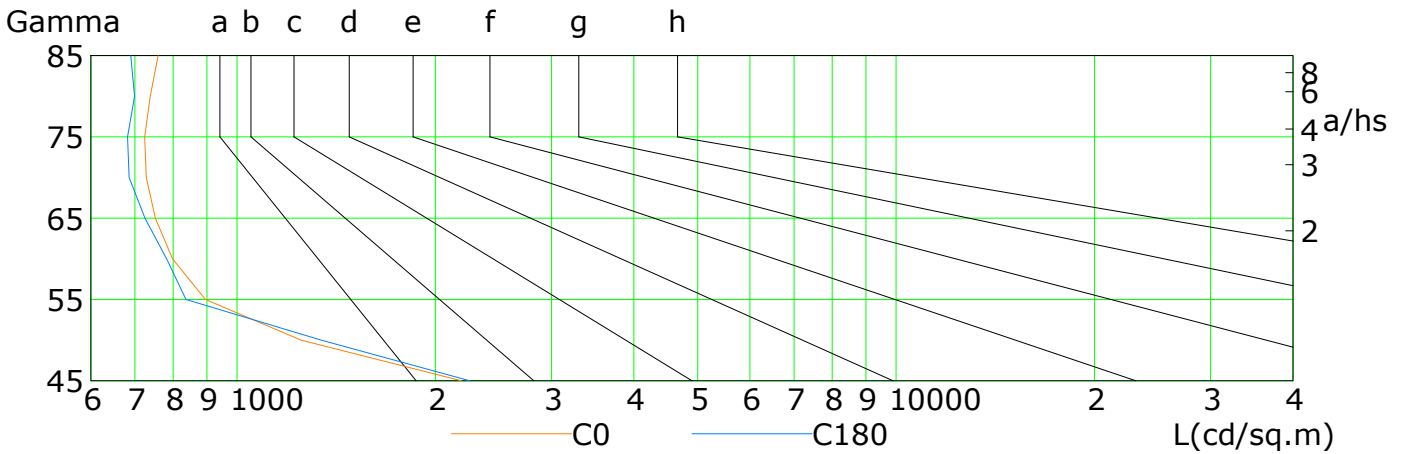
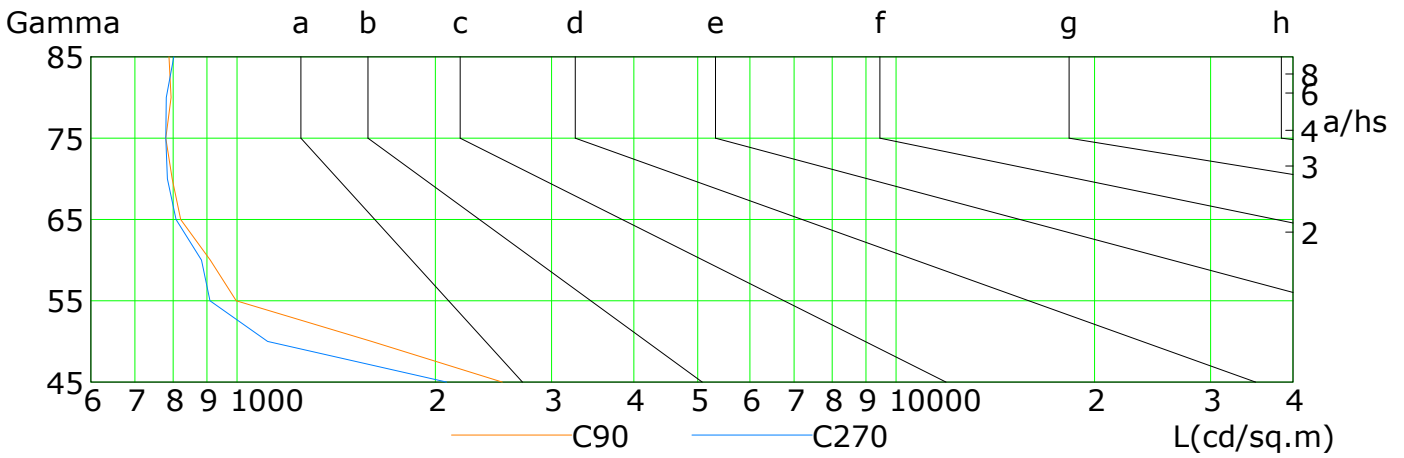
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B								
1.85	C								
2.20	D								
2.55	E								

a b c d e f g h

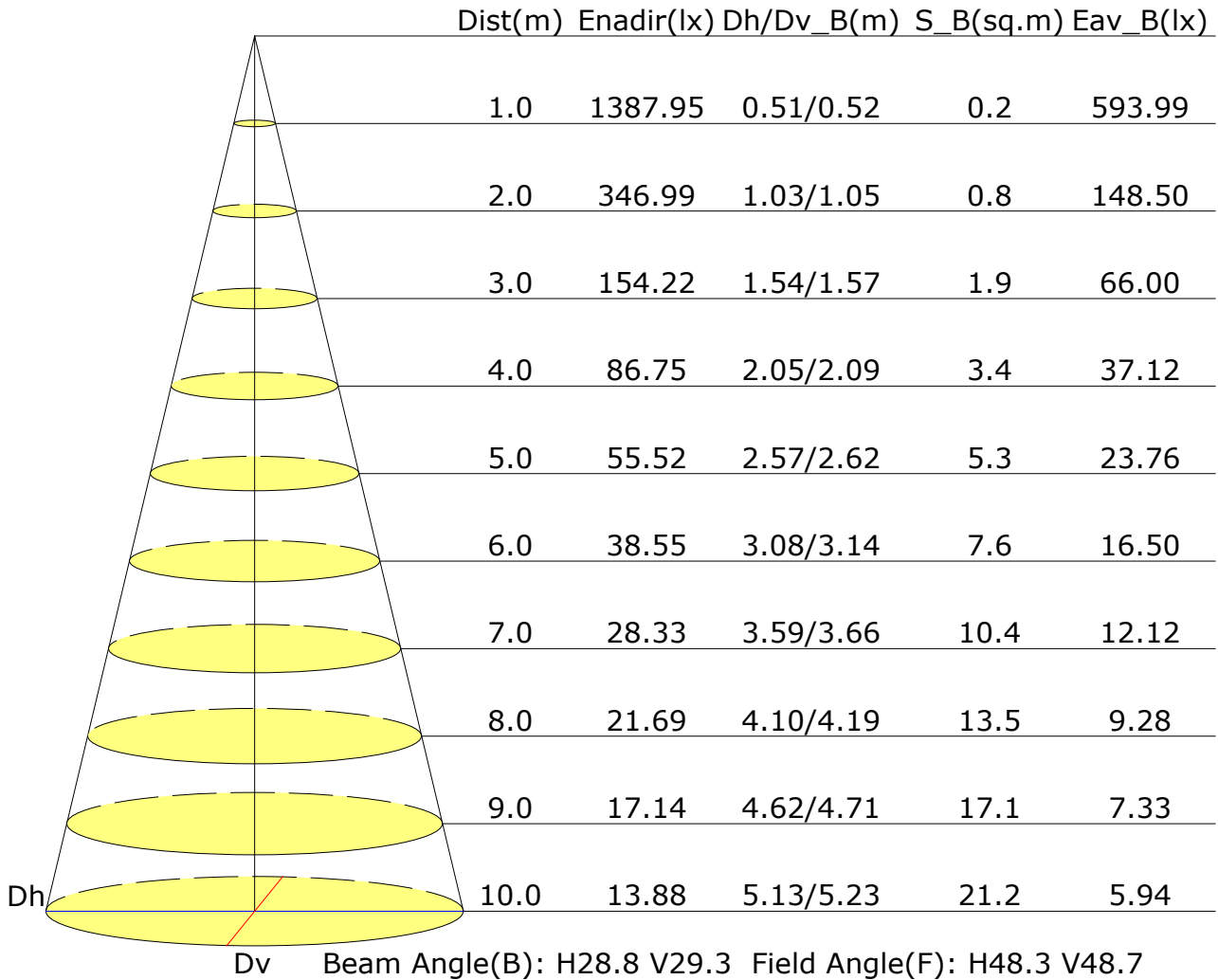


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2191	1251	896	798	752	728	724	739	759
C90	2526	1600	997	911	822	797	780	794	788
C180	2255	1342	836	782	725	686	682	699	690
C270	2080	1113	910	883	808	784	780	781	802

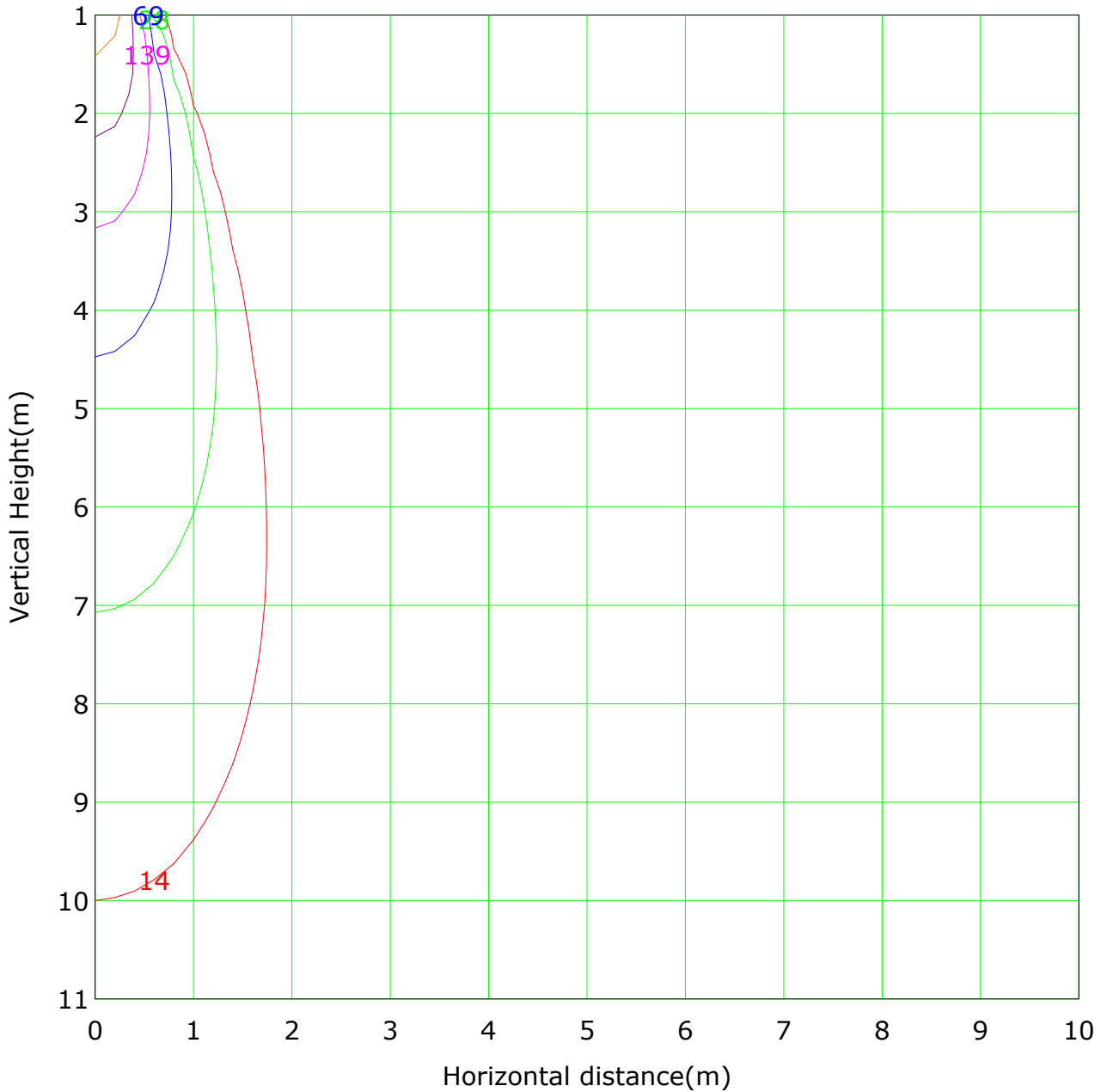
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



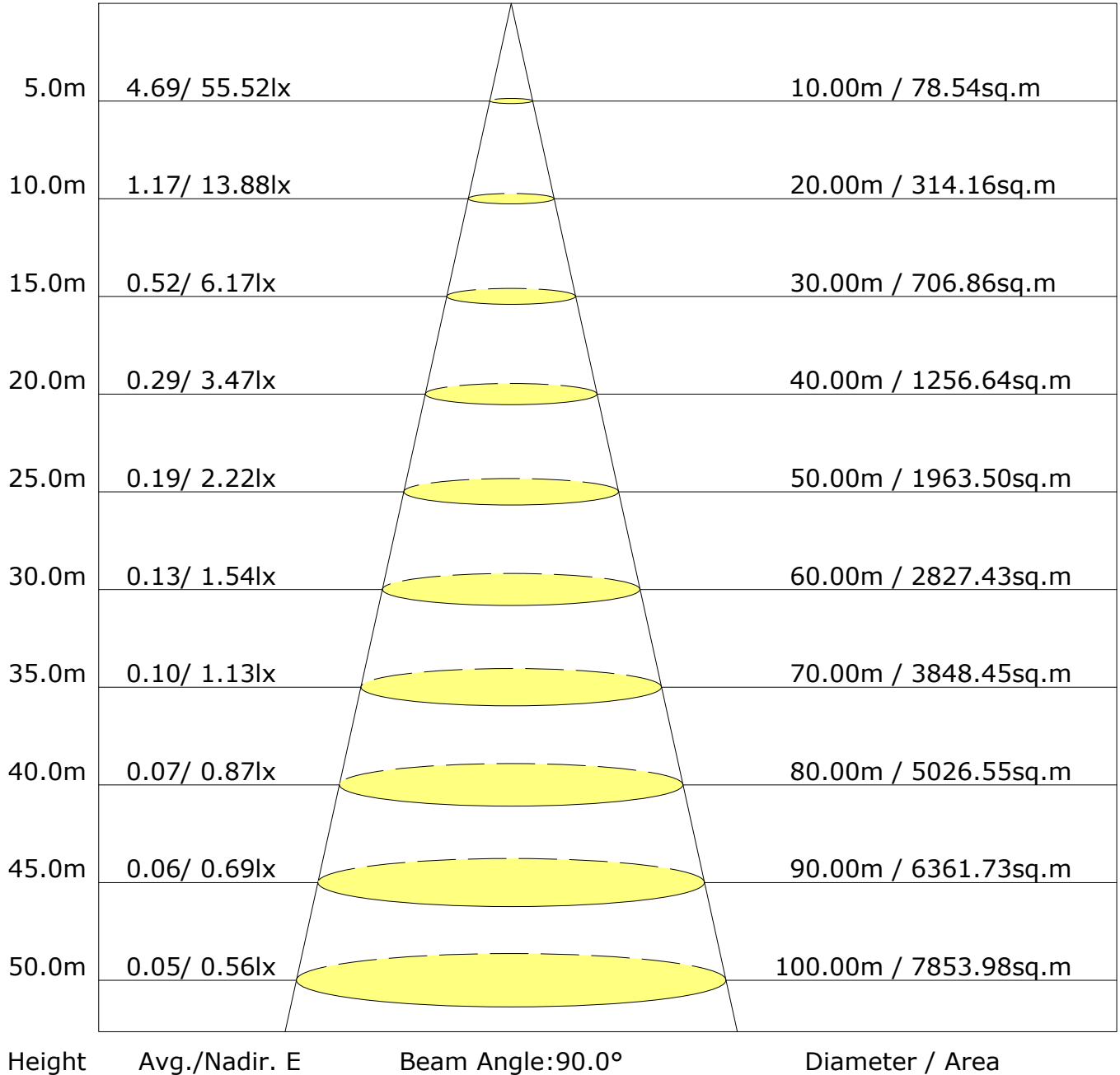
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1387.9 lx
 (1%): 13.9 lx (2%): 27.8 lx
 (5%): 69.4 lx (10%): 138.8 lx
 (20%): 277.6 lx (50%): 694.0 lx
 (100%):1387.9 lx

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:

The Average Illuminance Effective Figure

Flux Out: 367.99lm



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	4.7	5.4	5.0	5.6	5.8	5.1	5.7	5.3	5.9	6.2
3H	5.6	6.2	5.9	6.4	6.7	6.0	6.6	6.3	6.8	7.1
4H	6.2	6.8	6.5	7.1	7.3	6.6	7.2	6.9	7.4	7.7
6H	7.0	7.6	7.4	7.9	8.2	7.4	7.9	7.7	8.2	8.5
8H	7.5	8.0	7.8	8.3	8.6	7.8	8.4	8.2	8.7	9.0
12H	7.9	8.4	8.3	8.8	9.1	8.3	8.8	8.7	9.1	9.5
X=4H Y=2H	4.9	5.4	5.2	5.7	6.0	5.2	5.8	5.5	6.1	6.3
3H	6.0	6.5	6.4	6.8	7.2	6.4	6.9	6.7	7.2	7.5
4H	6.9	7.3	7.3	7.7	8.0	7.2	7.6	7.6	8.0	8.4
6H	7.9	8.3	8.3	8.7	9.1	8.2	8.6	8.7	9.0	9.4
8H	8.5	8.9	8.9	9.3	9.7	8.8	9.2	9.2	9.6	10.0
12H	9.1	9.4	9.5	9.8	10.3	9.4	9.7	9.9	10.2	10.6
X=8H Y=4H	7.2	7.6	7.6	8.0	8.4	7.5	7.8	7.9	8.2	8.7
6H	8.5	8.8	8.9	9.2	9.7	8.7	9.0	9.2	9.5	9.9
8H	9.2	9.4	9.7	9.9	10.4	9.5	9.7	9.9	10.2	10.7
12H	10.0	10.2	10.5	10.7	11.2	10.2	10.5	10.7	11.0	11.5
X=12H Y=4H	7.2	7.6	7.7	8.0	8.4	7.5	7.9	8.0	8.3	8.7
6H	8.6	8.9	9.1	9.3	9.8	8.9	9.1	9.3	9.6	10.1
8H	9.4	9.6	9.9	10.1	10.6	9.7	9.9	10.2	10.4	10.9
Variations with the observer position at spacings:										
S=1.0H	+1.5/-0.8					+1.2/-0.7				
S=1.5H	+2.9/-1.1					+2.4/-1.0				
S=2.0H	+4.3/-1.4					+3.6/-1.3				

Calculate in accordance with CIE Pub.117. The table is revised with 386lm ($8\log(F/F_0) = -3.3$).

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

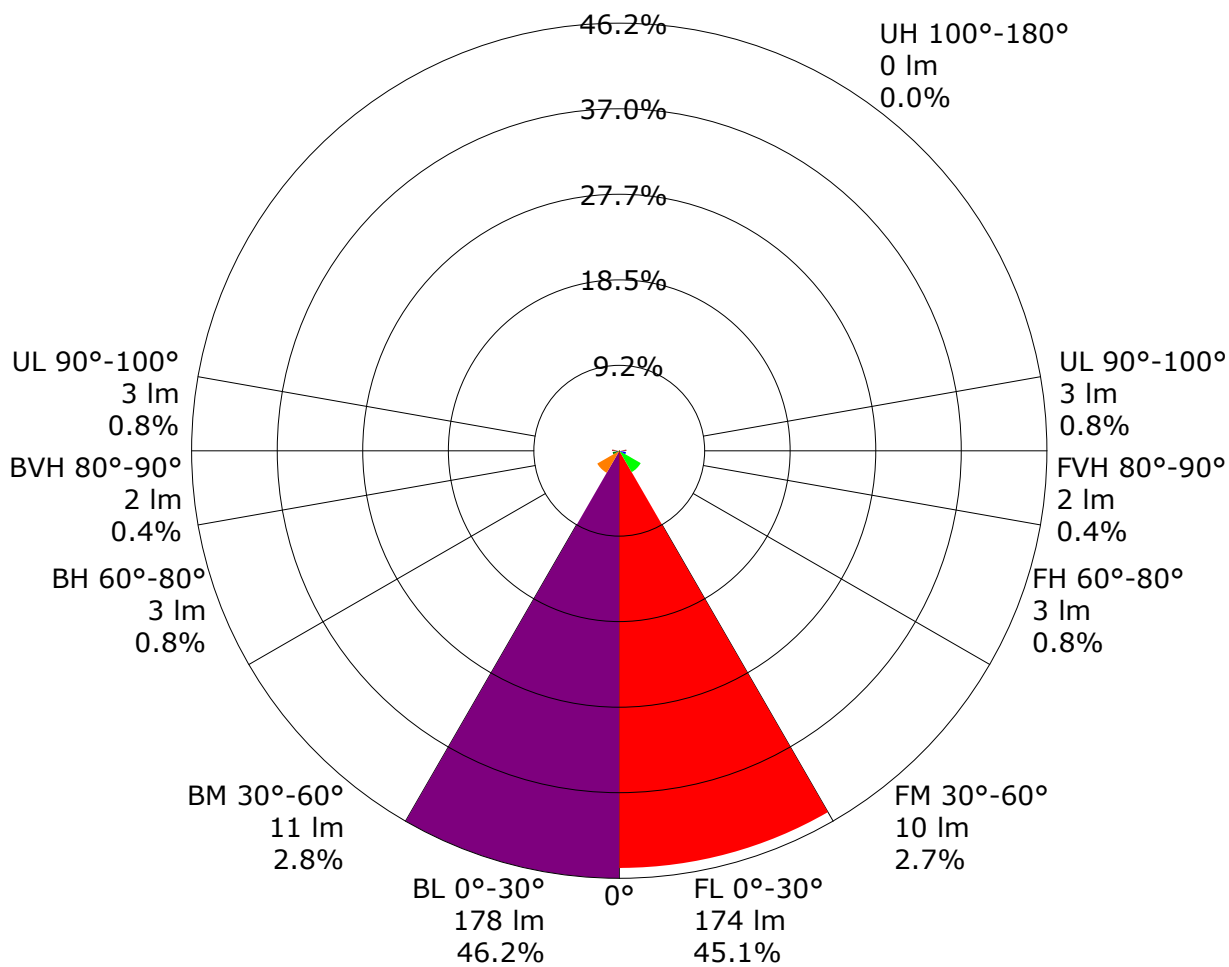
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	189	49.0
	FL (0°-30°)	174	45.1
	FM (30°-60°)	10	2.7
	FH (60°-80°)	3	0.8
	FVH (80°-90°)	2	0.4
	BACK LIGHT	193	50.1
	BL (0°-30°)	178	46.2
	BM (30°-60°)	11	2.8
	BH (60°-80°)	3	0.8
	BVH (80°-90°)	2	0.4
	UP LIGHT	3	0.8
	UL (90°-100°)	3	0.8
	UH (100°-180°)	0	0.0
	TRAPPED 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



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

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:

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	0.99	1.02	1.04	1.06	1.08	1.10	1.11	1.13	1.14	
	0.30		0.95	0.99	1.01	1.03	1.06	1.08	1.09	1.11	1.12	
	0.20		0.93	0.96	0.99	1.01	1.04	1.06	1.07	1.09	1.11	
0.50	0.50	0.20	0.97	1.00	1.02	1.04	1.06	1.07	1.08	1.09	1.10	
	0.30		0.95	0.98	1.00	1.01	1.03	1.05	1.06	1.07	1.08	
	0.20		0.93	0.96	0.98	0.99	1.02	1.03	1.04	1.06	1.07	
0.30	0.50	0.20	0.96	0.99	1.00	1.01	1.03	1.04	1.04	1.05	1.06	
	0.30		0.94	0.96	0.98	0.99	1.01	1.02	1.03	1.04	1.05	
	0.20		0.92	0.95	0.96	0.98	1.00	1.01	1.02	1.03	1.04	
0.00	0.00	0.00	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.99	
<p>Rating:7W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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	0.40	0.34	0.29	0.26	0.21	0.18	0.15	0.12	0.10	
	0.30		0.34	0.29	0.25	0.23	0.19	0.16	0.14	0.11	0.09	
	0.20		0.29	0.25	0.23	0.20	0.17	0.15	0.13	0.11	0.09	
0.50	0.50	0.20	0.38	0.31	0.27	0.23	0.19	0.20	0.14	0.11	0.09	
	0.30		0.32	0.27	0.24	0.21	0.17	0.15	0.13	0.10	0.08	
	0.20		0.28	0.24	0.21	0.19	0.16	0.14	0.12	0.10	0.08	
0.30	0.50	0.20	0.35	0.29	0.25	0.21	0.17	0.14	0.12	0.10	0.08	
	0.30		0.30	0.25	0.22	0.19	0.16	0.13	0.12	0.09	0.08	
	0.20		0.26	0.23	0.20	0.18	0.15	0.12	0.11	0.09	0.07	
0.00	0.00	0.00	0.11	0.09	0.08	0.07	0.05	0.05	0.04	0.03	0.03	
<p>Rating:7W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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	0.12	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22
	0.30		0.09	0.12	0.13	0.14	0.16	0.18	0.18	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	0.12	0.14	0.15	0.16	0.18	0.19	0.19	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	0.11	0.12	0.14	0.16	0.17	0.18	0.19
0.30	0.50	0.20	0.11	0.13	0.15	0.16	0.17	0.18	0.19	0.19	0.20
	0.30		0.09	0.11	0.13	0.14	0.15	0.17	0.17	0.18	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
<p>Rating:7W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1381.4	1.3	1.3	0.34	0.34
1.0-2.0	1374.3	3.9	5.3	1.02	1.37
2.0-3.0	1358.9	6.5	11.8	1.69	3.05
3.0-4.0	1336.3	8.9	20.7	2.32	5.37
4.0-5.0	1307.3	11.2	32.0	2.92	8.29
5.0-6.0	1270.0	13.3	45.3	3.46	11.75
6.0-7.0	1226.2	15.2	60.5	3.95	15.69
7.0-8.0	1176.2	16.8	77.4	4.37	20.06
8.0-9.0	1119.9	18.2	95.5	4.71	24.77
9.0-10.0	1060.2	19.2	114.7	4.98	29.74
10.0-11.0	993.8	19.9	134.6	5.15	34.89
11.0-12.0	922.8	20.2	154.7	5.23	40.12
12.0-13.0	850.4	20.2	174.9	5.23	45.36
13.0-14.0	773.0	19.8	194.7	5.13	50.49
14.0-15.0	694.7	19.1	213.8	4.95	55.43
15.0-16.0	616.7	18.1	231.9	4.69	60.12
16.0-17.0	541.6	16.9	248.7	4.37	64.49
17.0-18.0	473.3	15.6	264.3	4.05	68.54
18.0-19.0	406.3	14.1	278.5	3.67	72.21
19.0-20.0	344.8	12.6	291.1	3.27	75.48
20.0-21.0	291.7	11.2	302.3	2.90	78.38
21.0-22.0	242.5	9.7	312.1	2.53	80.91
22.0-23.0	200.4	8.4	320.5	2.18	83.09
23.0-24.0	164.4	7.2	327.6	1.86	84.95
24.0-25.0	133.6	6.1	333.7	1.58	86.53
25.0-26.0	109.1	5.1	338.9	1.34	87.86
26.0-27.0	87.9	4.3	343.2	1.12	88.98
27.0-28.0	70.6	3.6	346.7	0.93	89.91
28.0-29.0	57.2	3.0	349.7	0.78	90.68
29.0-30.0	46.3	2.5	352.2	0.65	91.33
30.0-31.0	37.8	2.1	354.3	0.55	91.88
31.0-32.0	31.3	1.8	356.1	0.46	92.34
32.0-33.0	26.1	1.5	357.7	0.40	92.74
33.0-34.0	22.2	1.3	359.0	0.35	93.09
34.0-35.0	19.0	1.2	360.2	0.31	93.39
35.0-36.0	16.6	1.1	361.3	0.27	93.67

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	14.8	1.0	362.2	0.25	93.92
37.0-38.0	13.3	0.9	363.1	0.23	94.15
38.0-39.0	12.0	0.8	363.9	0.21	94.36
39.0-40.0	11.0	0.8	364.7	0.20	94.56
40.0-41.0	10.2	0.7	365.4	0.19	94.75
41.0-42.0	9.5	0.7	366.1	0.18	94.93
42.0-43.0	8.9	0.7	366.8	0.17	95.10
43.0-44.0	8.2	0.6	367.4	0.16	95.26
44.0-45.0	7.6	0.6	368.0	0.15	95.41
45.0-46.0	7.0	0.6	368.5	0.14	95.56
46.0-47.0	6.5	0.5	369.1	0.13	95.69
47.0-48.0	5.9	0.5	369.5	0.12	95.81
48.0-49.0	5.3	0.4	370.0	0.11	95.93
49.0-50.0	4.8	0.4	370.4	0.10	96.03
50.0-51.0	4.3	0.4	370.7	0.09	96.12
51.0-52.0	3.9	0.3	371.1	0.09	96.21
52.0-53.0	3.6	0.3	371.4	0.08	96.29
53.0-54.0	3.4	0.3	371.7	0.08	96.37
54.0-55.0	3.3	0.3	372.0	0.08	96.44
55.0-56.0	3.2	0.3	372.2	0.07	96.52
56.0-57.0	3.1	0.3	372.5	0.07	96.59
57.0-58.0	3.1	0.3	372.8	0.07	96.67
58.0-59.0	3.1	0.3	373.1	0.07	96.74
59.0-60.0	3.1	0.3	373.4	0.08	96.82
60.0-61.0	3.0	0.3	373.7	0.08	96.89
61.0-62.0	3.0	0.3	374.0	0.08	96.97
62.0-63.0	3.0	0.3	374.3	0.08	97.04
63.0-64.0	2.9	0.3	374.6	0.07	97.12
64.0-65.0	2.9	0.3	374.8	0.07	97.19
65.0-66.0	2.9	0.3	375.1	0.08	97.27
66.0-67.0	2.9	0.3	375.4	0.08	97.34
67.0-68.0	2.8	0.3	375.7	0.07	97.42
68.0-69.0	2.8	0.3	376.0	0.07	97.49
69.0-70.0	2.8	0.3	376.3	0.07	97.57
70.0-71.0	2.8	0.3	376.6	0.08	97.64
71.0-72.0	2.8	0.3	376.9	0.08	97.72

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	2.8	0.3	377.2	0.08	97.79
73.0-74.0	2.8	0.3	377.5	0.08	97.87
74.0-75.0	2.8	0.3	377.8	0.08	97.95
75.0-76.0	2.8	0.3	378.1	0.08	98.03
76.0-77.0	2.8	0.3	378.4	0.08	98.10
77.0-78.0	2.9	0.3	378.7	0.08	98.18
78.0-79.0	2.9	0.3	379.0	0.08	98.26
79.0-80.0	2.9	0.3	379.3	0.08	98.34
80.0-81.0	2.8	0.3	379.6	0.08	98.42
81.0-82.0	2.9	0.3	379.9	0.08	98.50
82.0-83.0	2.9	0.3	380.2	0.08	98.58
83.0-84.0	2.9	0.3	380.5	0.08	98.66
84.0-85.0	2.9	0.3	380.8	0.08	98.75
85.0-86.0	2.9	0.3	381.1	0.08	98.83
86.0-87.0	2.9	0.3	381.5	0.08	98.91
87.0-88.0	2.9	0.3	381.8	0.08	98.99
88.0-89.0	2.8	0.3	382.1	0.08	99.07
89.0-90.0	2.8	0.3	382.4	0.08	99.15
90.0-91.0	2.9	0.3	382.7	0.08	99.23
91.0-92.0	2.8	0.3	383.0	0.08	99.31
92.0-93.0	2.9	0.3	383.3	0.08	99.39
93.0-94.0	2.9	0.3	383.6	0.08	99.47
94.0-95.0	2.8	0.3	384.0	0.08	99.55
95.0-96.0	2.9	0.3	384.3	0.08	99.64
96.0-97.0	2.9	0.3	384.6	0.08	99.72
97.0-98.0	2.9	0.3	384.9	0.08	99.80
98.0-99.0	2.9	0.3	385.2	0.08	99.88
99.0-100.0	2.9	0.3	385.5	0.08	99.96
100.0-101.0	1.4	0.2	385.7	0.04	100.00
101.0-102.0	0.0	0.0	385.7	0.00	100.00
102.0-103.0	0.0	0.0	385.7	0.00	100.00
103.0-104.0	0.0	0.0	385.7	0.00	100.00
104.0-105.0	0.0	0.0	385.7	0.00	100.00
105.0-106.0	0.0	0.0	385.7	0.00	100.00
106.0-107.0	0.0	0.0	385.7	0.00	100.00
107.0-108.0	0.0	0.0	385.7	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	385.7	0.00	100.00
109.0-110.0	0.0	0.0	385.7	0.00	100.00
110.0-111.0	0.0	0.0	385.7	0.00	100.00
111.0-112.0	0.0	0.0	385.7	0.00	100.00
112.0-113.0	0.0	0.0	385.7	0.00	100.00
113.0-114.0	0.0	0.0	385.7	0.00	100.00
114.0-115.0	0.0	0.0	385.7	0.00	100.00
115.0-116.0	0.0	0.0	385.7	0.00	100.00
116.0-117.0	0.0	0.0	385.7	0.00	100.00
117.0-118.0	0.0	0.0	385.7	0.00	100.00
118.0-119.0	0.0	0.0	385.7	0.00	100.00
119.0-120.0	0.0	0.0	385.7	0.00	100.00
120.0-121.0	0.0	0.0	385.7	0.00	100.00
121.0-122.0	0.0	0.0	385.7	0.00	100.00
122.0-123.0	0.0	0.0	385.7	0.00	100.00
123.0-124.0	0.0	0.0	385.7	0.00	100.00
124.0-125.0	0.0	0.0	385.7	0.00	100.00
125.0-126.0	0.0	0.0	385.7	0.00	100.00
126.0-127.0	0.0	0.0	385.7	0.00	100.00
127.0-128.0	0.0	0.0	385.7	0.00	100.00
128.0-129.0	0.0	0.0	385.7	0.00	100.00
129.0-130.0	0.0	0.0	385.7	0.00	100.00
130.0-131.0	0.0	0.0	385.7	0.00	100.00
131.0-132.0	0.0	0.0	385.7	0.00	100.00
132.0-133.0	0.0	0.0	385.7	0.00	100.00
133.0-134.0	0.0	0.0	385.7	0.00	100.00
134.0-135.0	0.0	0.0	385.7	0.00	100.00
135.0-136.0	0.0	0.0	385.7	0.00	100.00
136.0-137.0	0.0	0.0	385.7	0.00	100.00
137.0-138.0	0.0	0.0	385.7	0.00	100.00
138.0-139.0	0.0	0.0	385.7	0.00	100.00
139.0-140.0	0.0	0.0	385.7	0.00	100.00
140.0-141.0	0.0	0.0	385.7	0.00	100.00
141.0-142.0	0.0	0.0	385.7	0.00	100.00
142.0-143.0	0.0	0.0	385.7	0.00	100.00
143.0-144.0	0.0	0.0	385.7	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	385.7	0.00	100.00
145.0-146.0	0.0	0.0	385.7	0.00	100.00
146.0-147.0	0.0	0.0	385.7	0.00	100.00
147.0-148.0	0.0	0.0	385.7	0.00	100.00
148.0-149.0	0.0	0.0	385.7	0.00	100.00
149.0-150.0	0.0	0.0	385.7	0.00	100.00
150.0-151.0	0.0	0.0	385.7	0.00	100.00
151.0-152.0	0.0	0.0	385.7	0.00	100.00
152.0-153.0	0.0	0.0	385.7	0.00	100.00
153.0-154.0	0.0	0.0	385.7	0.00	100.00
154.0-155.0	0.0	0.0	385.7	0.00	100.00
155.0-156.0	0.0	0.0	385.7	0.00	100.00
156.0-157.0	0.0	0.0	385.7	0.00	100.00
157.0-158.0	0.0	0.0	385.7	0.00	100.00
158.0-159.0	0.0	0.0	385.7	0.00	100.00
159.0-160.0	0.0	0.0	385.7	0.00	100.00
160.0-161.0	0.0	0.0	385.7	0.00	100.00
161.0-162.0	0.0	0.0	385.7	0.00	100.00
162.0-163.0	0.0	0.0	385.7	0.00	100.00
163.0-164.0	0.0	0.0	385.7	0.00	100.00
164.0-165.0	0.0	0.0	385.7	0.00	100.00
165.0-166.0	0.0	0.0	385.7	0.00	100.00
166.0-167.0	0.0	0.0	385.7	0.00	100.00
167.0-168.0	0.0	0.0	385.7	0.00	100.00
168.0-169.0	0.0	0.0	385.7	0.00	100.00
169.0-170.0	0.0	0.0	385.7	0.00	100.00
170.0-171.0	0.0	0.0	385.7	0.00	100.00
171.0-172.0	0.0	0.0	385.7	0.00	100.00
172.0-173.0	0.0	0.0	385.7	0.00	100.00
173.0-174.0	0.0	0.0	385.7	0.00	100.00
174.0-175.0	0.0	0.0	385.7	0.00	100.00
175.0-176.0	0.0	0.0	385.7	0.00	100.00
176.0-177.0	0.0	0.0	385.7	0.00	100.00
177.0-178.0	0.0	0.0	385.7	0.00	100.00
178.0-179.0	0.0	0.0	385.7	0.00	100.00
179.0-180.0	0.0	0.0	385.7	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	1387.9	1378.2	1387.9	1378.2	1387.9					
G1.0	1381.5	1383.1	1384.6	1369.8	1381.5					
G2.0	1370.0	1381.9	1372.7	1350.8	1370.0					
G3.0	1348.3	1370.3	1353.0	1324.5	1348.3					
G4.0	1321.6	1351.6	1329.2	1291.8	1321.6					
G5.0	1285.5	1329.4	1294.8	1254.6	1285.5					
G6.0	1239.7	1297.1	1254.0	1205.2	1239.7					
G7.0	1190.0	1260.2	1209.7	1153.3	1190.0					
G8.0	1132.2	1215.3	1155.9	1092.8	1132.2					
G9.0	1070.8	1167.4	1098.0	1026.7	1070.8					
G10.0	1008.5	1115.1	1036.5	958.4	1008.5					
G11.0	932.2	1050.7	966.5	882.6	932.2					
G12.0	861.0	987.9	896.0	805.5	861.0					
G13.0	785.7	918.5	822.7	726.1	785.7					
G14.0	706.5	841.1	739.5	643.6	706.5					
G15.0	629.2	765.0	665.8	567.0	629.2					
G16.0	551.5	684.1	582.7	488.4	551.5					
G17.0	479.8	609.0	514.0	423.6	479.8					
G18.0	415.8	537.9	445.7	360.9	415.8					
G19.0	350.9	460.8	376.7	301.8	350.9					
G20.0	295.9	398.4	322.0	252.2	295.9					
G21.0	247.1	338.4	270.7	208.6	247.1					
G22.0	202.6	279.9	223.0	169.7	202.6					
G23.0	167.7	234.9	186.6	138.5	167.7					
G24.0	134.2	191.9	150.5	110.6	134.2					
G25.0	110.1	157.1	123.8	90.6	110.1					
G26.0	88.9	128.3	100.3	73.6	88.9					
G27.0	71.1	102.4	79.0	59.7	71.1					
G28.0	57.4	81.8	64.2	48.8	57.4					
G29.0	46.8	66.2	52.1	40.4	46.8					
G30.0	37.9	52.0	41.7	33.6	37.9					
G31.0	31.5	42.4	35.1	28.2	31.5					
G32.0	26.1	34.3	29.3	23.4	26.1					
G33.0	22.1	28.9	24.6	20.0	22.1					
G34.0	19.1	24.5	20.7	17.6	19.1					
G35.0	16.8	20.4	17.7	15.5	16.8					
G36.0	15.2	17.8	15.6	13.9	15.2					

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

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

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	13.2	15.9	14.0	12.7	13.2					
G38.0	11.9	14.2	12.4	11.7	11.9					
G39.0	11.0	12.6	11.5	10.9	11.0					
G40.0	10.2	11.5	10.6	10.1	10.2					
G41.0	9.6	10.6	9.9	9.4	9.6					
G42.0	8.9	10.0	9.3	8.7	8.9					
G43.0	8.3	9.3	8.6	8.0	8.3					
G44.0	7.6	8.7	8.0	7.4	7.6					
G45.0	7.1	8.2	7.3	6.8	7.1					
G46.0	6.4	7.5	6.8	6.2	6.4					
G47.0	5.9	7.0	6.3	5.6	5.9					
G48.0	5.3	6.4	5.7	5.0	5.3					
G49.0	4.8	5.9	5.1	4.4	4.8					
G50.0	4.3	5.4	4.6	3.8	4.3					
G51.0	3.8	4.9	4.0	3.5	3.8					
G52.0	3.5	4.4	3.5	3.4	3.5					
G53.0	3.3	3.9	3.2	3.3	3.3					
G54.0	3.3	3.6	3.1	3.3	3.3					
G55.0	3.2	3.5	3.0	3.2	3.2					
G56.0	3.0	3.5	2.9	3.2	3.0					
G57.0	2.9	3.4	2.9	3.3	2.9					
G58.0	3.0	3.4	2.8	3.2	3.0					
G59.0	2.9	3.3	2.8	3.2	2.9					
G60.0	2.9	3.3	2.8	3.2	2.9					
G61.0	2.8	3.3	2.8	3.1	2.8					
G62.0	2.9	3.2	2.8	3.1	2.9					
G63.0	2.8	3.2	2.8	3.1	2.8					
G64.0	2.8	3.2	2.8	3.1	2.8					
G65.0	2.8	3.1	2.7	3.0	2.8					
G66.0	2.8	3.1	2.7	3.1	2.8					
G67.0	2.8	3.0	2.7	3.0	2.8					
G68.0	2.8	3.0	2.6	3.0	2.8					
G69.0	2.8	3.0	2.5	3.0	2.8					
G70.0	2.8	3.0	2.6	3.0	2.8					
G71.0	2.8	3.0	2.6	3.0	2.8					
G72.0	2.8	3.0	2.6	3.0	2.8					
G73.0	2.8	3.0	2.5	2.9	2.8					

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	2.8	3.0	2.6	3.0	2.8					
G75.0	2.8	3.0	2.6	3.0	2.8					
G76.0	2.8	3.0	2.5	2.9	2.8					
G77.0	2.8	3.0	2.6	3.0	2.8					
G78.0	2.8	3.1	2.7	3.0	2.8					
G79.0	2.8	3.0	2.6	3.0	2.8					
G80.0	2.8	3.0	2.7	3.0	2.8					
G81.0	2.8	3.0	2.6	3.0	2.8					
G82.0	2.8	3.0	2.7	3.0	2.8					
G83.0	2.8	3.0	2.7	3.0	2.8					
G84.0	2.8	3.1	2.6	3.0	2.8					
G85.0	2.8	3.0	2.6	3.0	2.8					
G86.0	2.8	3.0	2.7	3.0	2.8					
G87.0	2.8	3.1	2.6	3.0	2.8					
G88.0	2.8	3.0	2.6	3.0	2.8					
G89.0	2.8	3.0	2.6	3.0	2.8					
G90.0	2.8	3.0	2.7	3.0	2.8					
G91.0	2.8	3.1	2.5	3.0	2.8					
G92.0	2.8	3.0	2.5	3.0	2.8					
G93.0	2.9	3.1	2.6	3.0	2.9					
G94.0	2.8	3.0	2.5	2.9	2.8					
G95.0	2.8	3.1	2.5	3.0	2.8					
G96.0	2.9	3.1	2.6	3.0	2.9					
G97.0	2.9	3.0	2.5	3.0	2.9					
G98.0	2.8	3.0	2.7	3.0	2.8					
G99.0	2.9	3.1	2.6	3.0	2.9					
G100.0	2.8	3.0	2.6	3.1	2.8					
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: