

Report No.:

Test Time: 2020-08-31 14:21

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MS-MR16-3B

Current: 0.520 A

Power Factor: 0.768

Voltage: 11.9 V

Power: 4.70 W

Photometric Results

CIE Class: Direct

Measurement Flux: 315.9 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%,75%,100%): H46.9,H24.7,H15.7,H0

Vertical Diffuse Angle(10%,50%,75%,100%): V47.1,V25.5,V17.4,V6

Luminaire Efficacy Rating (LER): 67

Max. Intensity: 1339.07 cd

Total Rated Lamp Lumens: 315.9 lm

Efficiency: 100%

Upward Ratio: 1%

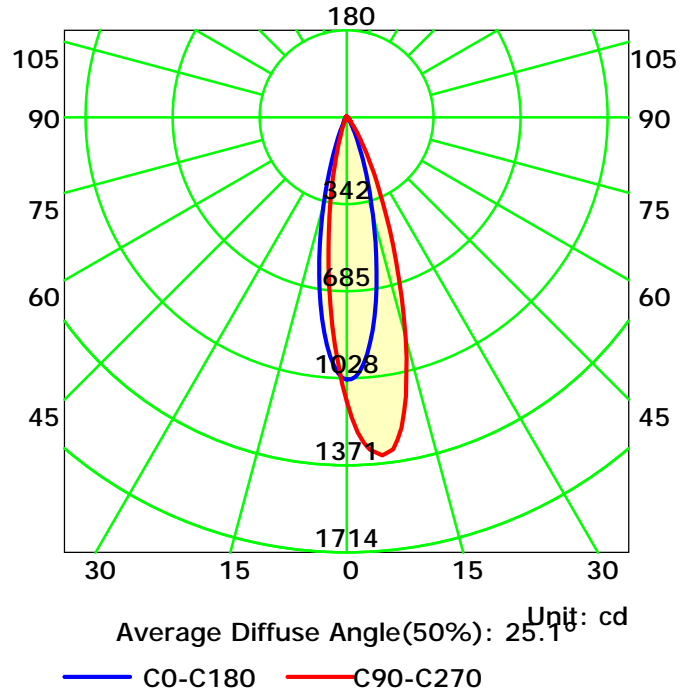
Central Intensity: 1033.62 cd

Pos of Max. Intensity: H90 V6

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0: 1.0

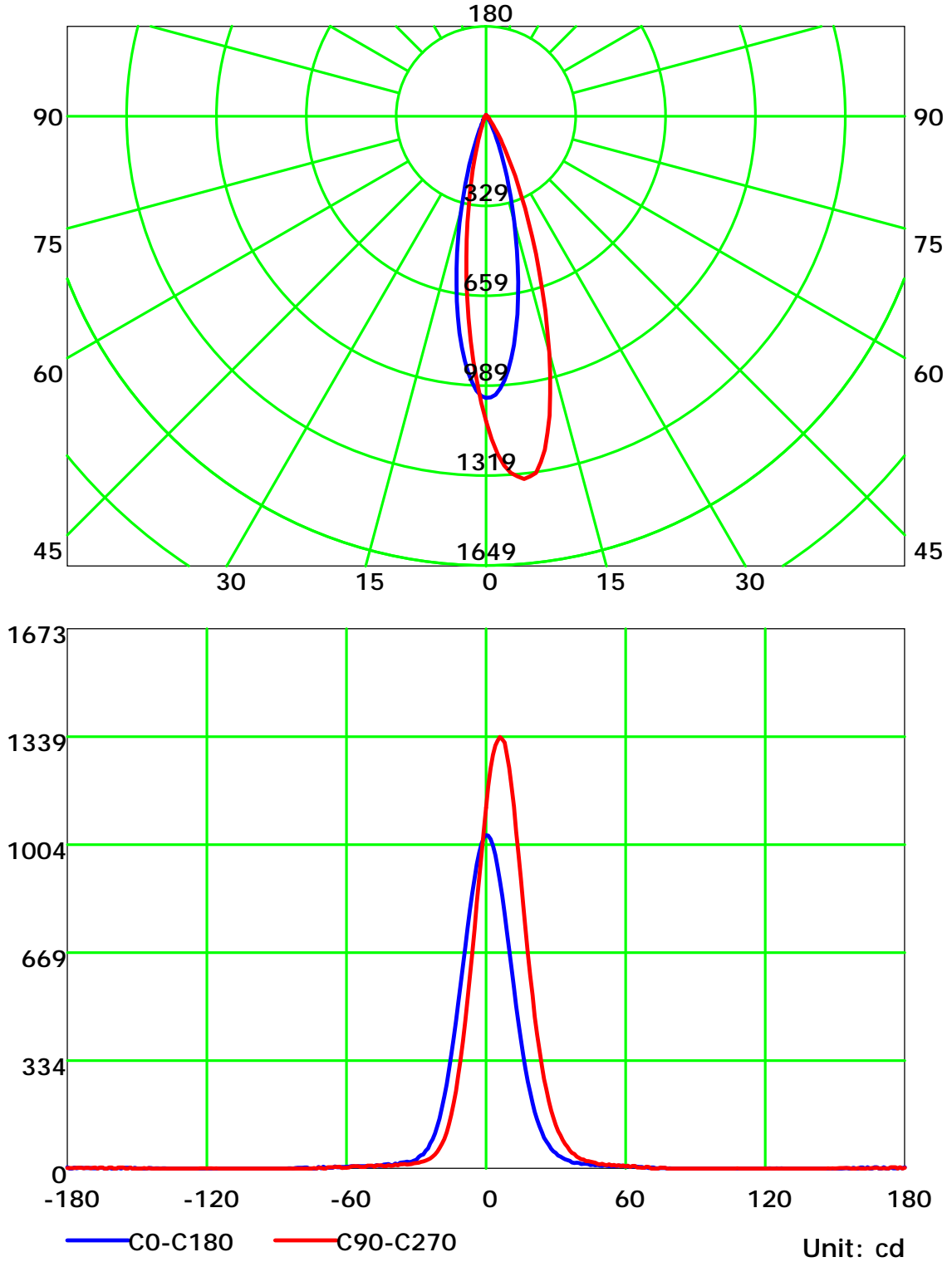
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

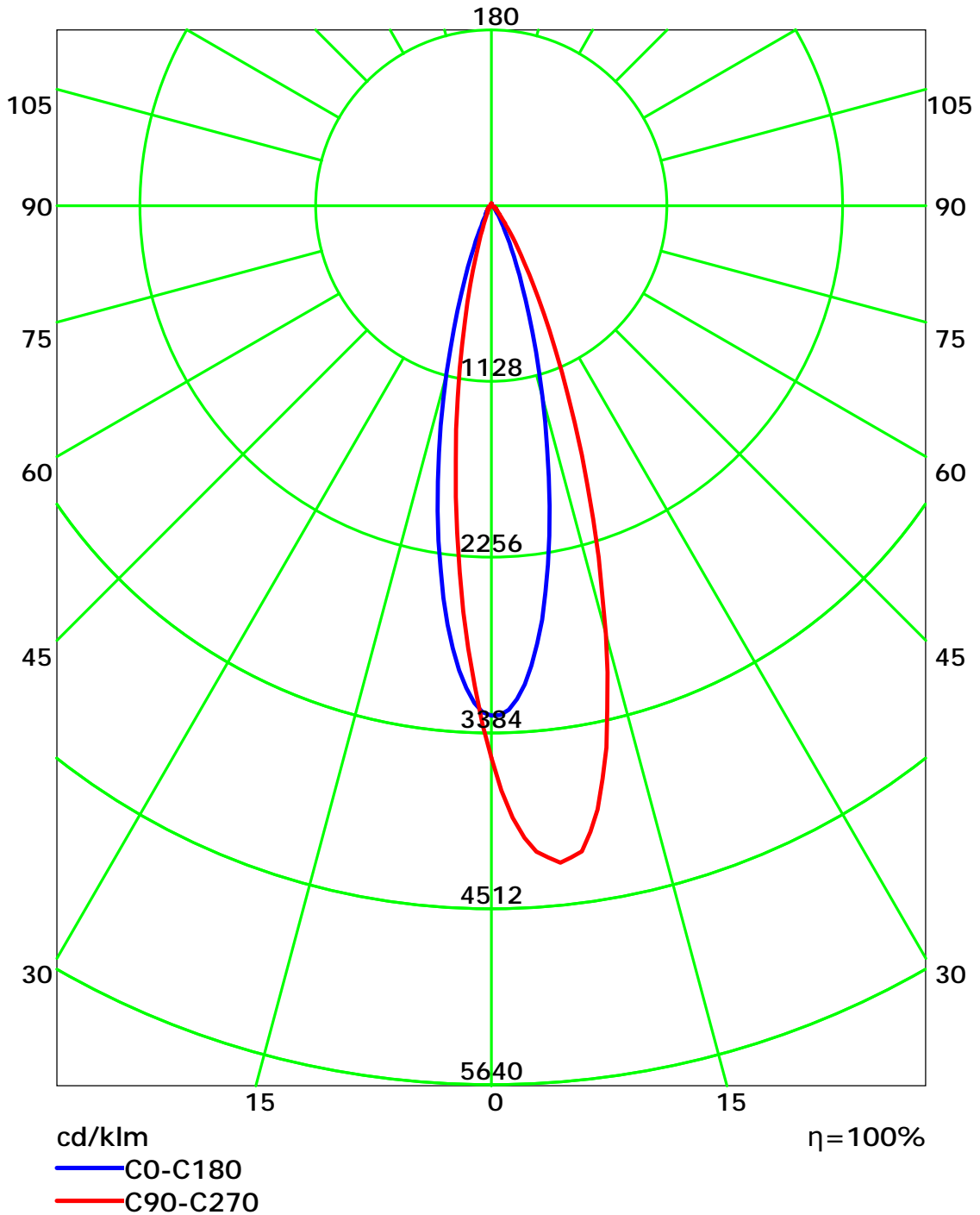
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



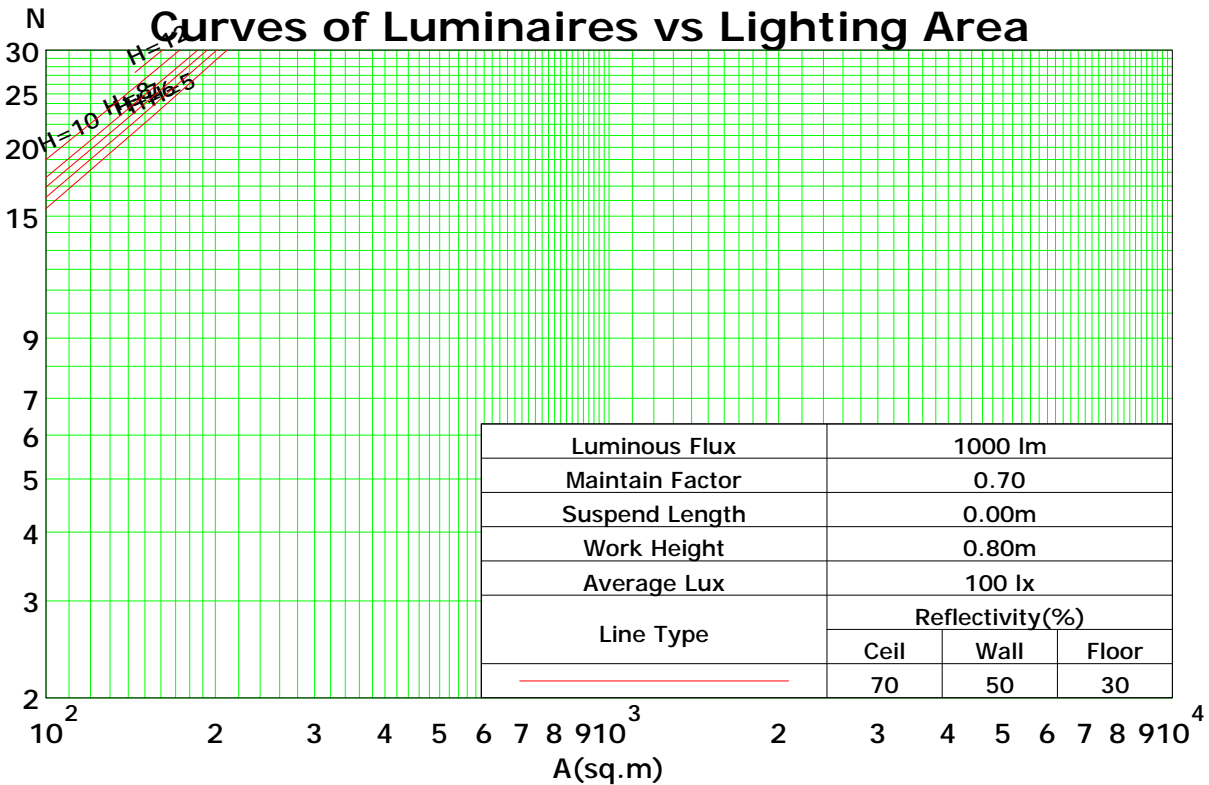
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 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	109	105	102	99	107	103	100	97	100	97	95	97	95	93	94	93	91	89
3	105	99	95	92	103	98	94	91	95	92	89	93	90	88	91	88	87	85
4	101	95	90	86	99	93	89	86	91	88	85	89	86	84	87	85	83	81
5	97	90	85	82	96	89	85	81	87	84	81	86	82	80	84	81	79	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	76	81	78	76	75
7	90	83	78	74	89	82	78	74	81	77	74	80	76	73	79	75	73	72
8	87	80	75	71	86	79	75	71	78	74	71	77	73	71	76	73	70	69
9	85	77	72	69	84	76	72	69	75	71	68	75	71	68	74	70	68	67
10	82	74	69	66	81	74	69	66	73	69	66	72	69	66	72	68	66	65

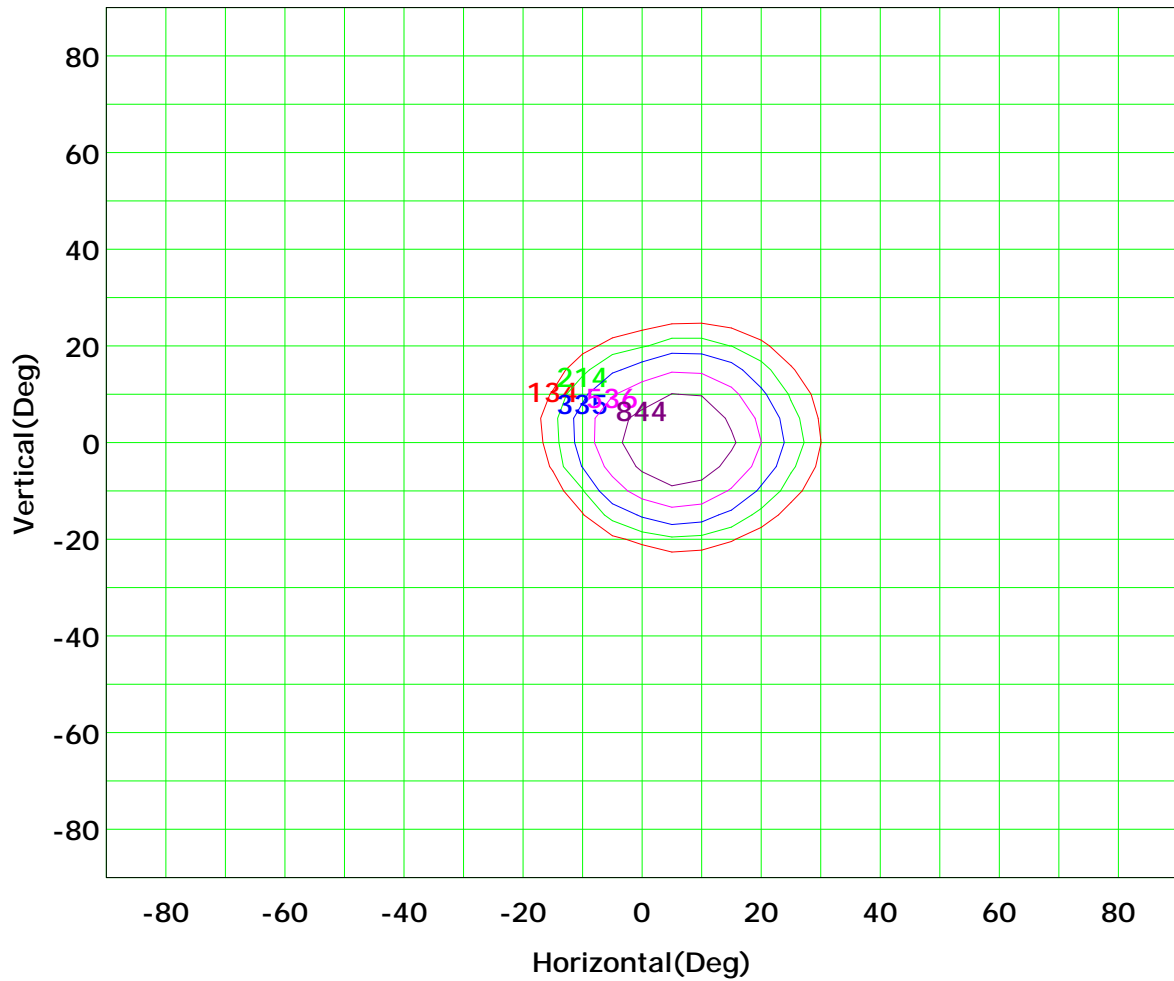
Spacing Criteria (0-180): 0.42
 Spacing Criteria (90-270): 0.48
 Spacing Criteria (Diagonal): 0.47



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Isocandela (rectangle)



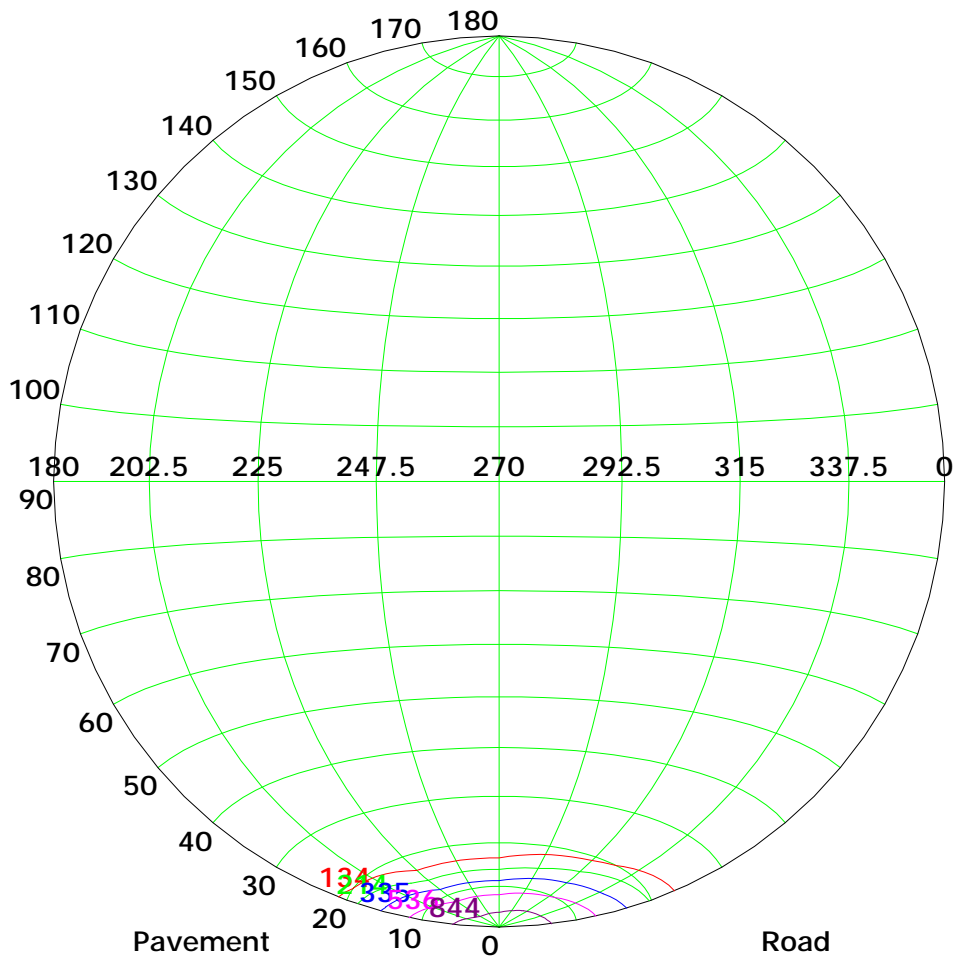
I_{max} (100%): 1339 cd

— (10%): 134 cd	— (16%): 214 cd
— (25%): 335 cd	— (40%): 536 cd
— (63%): 844 cd	— (100%): 1339 cd

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Isocandela (sphere)



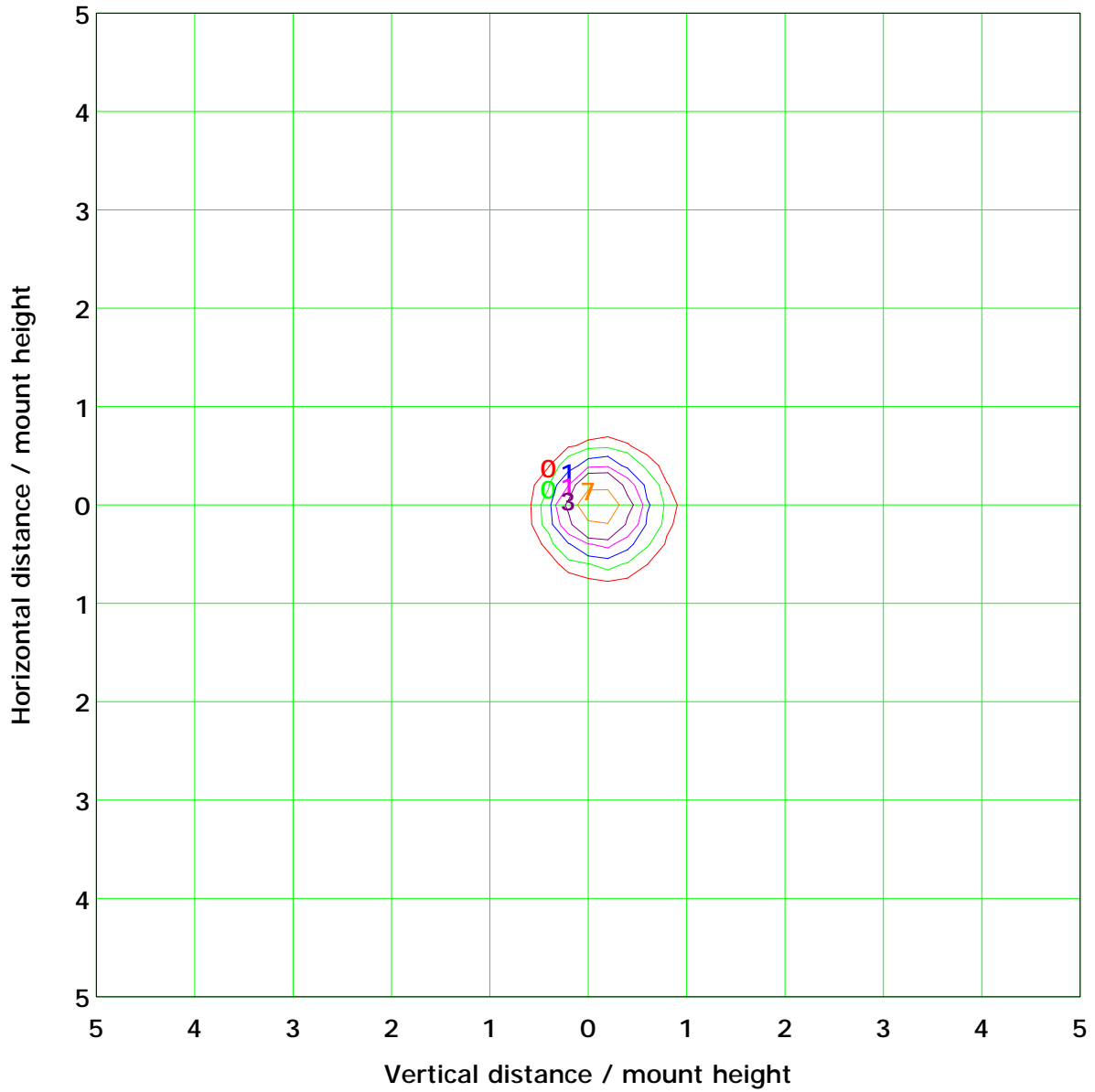
Imax (100%): 1339 cd

— (10%): 134 cd	— (16%): 214 cd
— (25%): 335 cd	— (40%): 536 cd
— (63%): 844 cd	— (100%): 1339 cd

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 13.2 lx

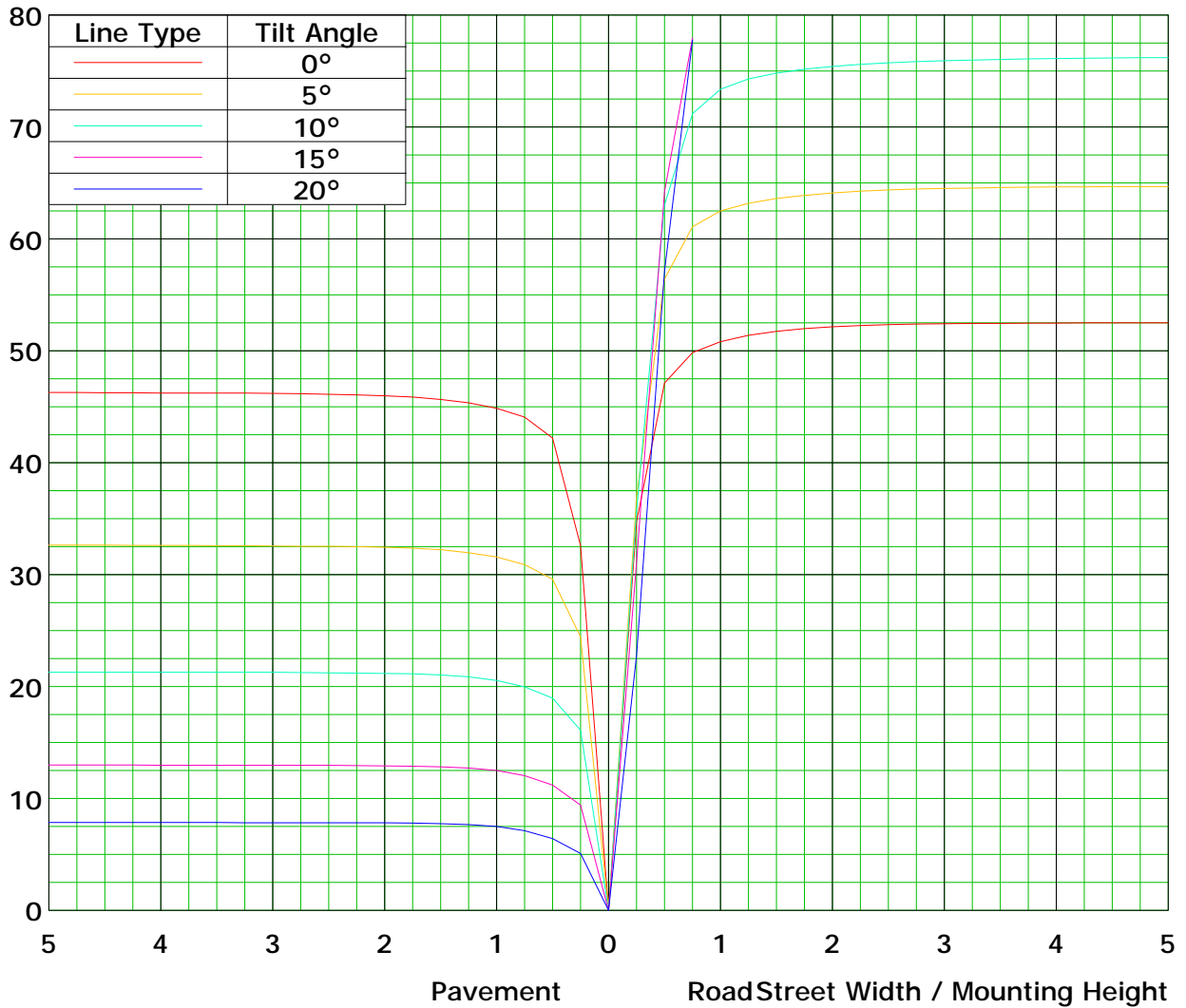
(1%): 0.1 lx	(2%): 0.3 lx
(5%): 0.7 lx	(10%): 1.3 lx
(20%): 2.6 lx	(50%): 6.6 lx
(100%): 13.2 lx	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



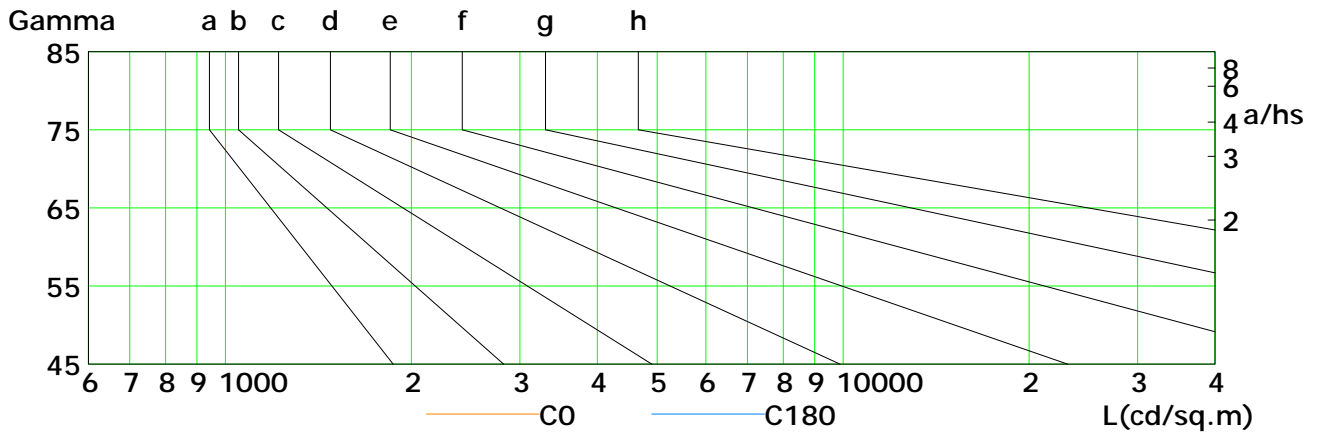
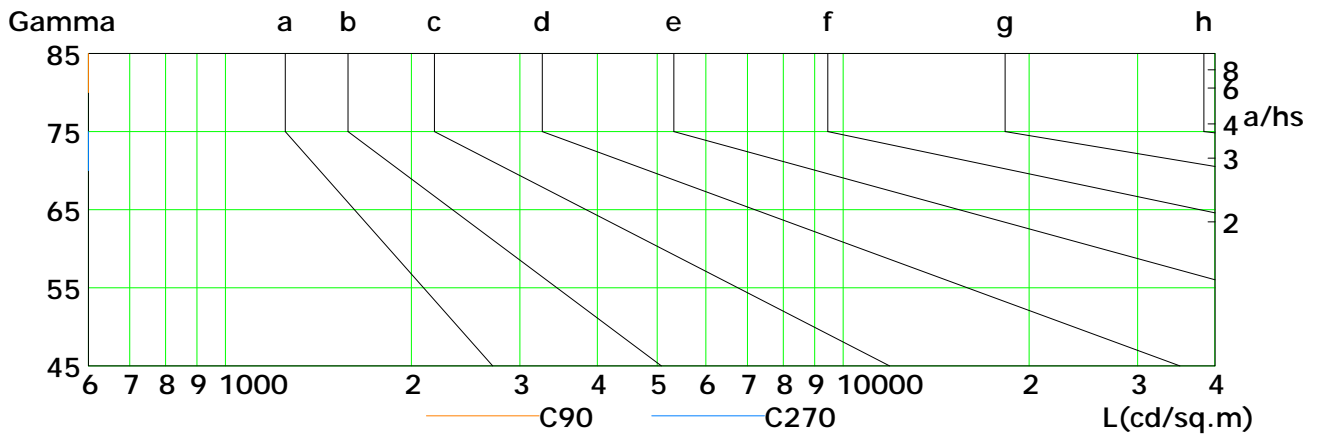
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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

a b c d e f g h

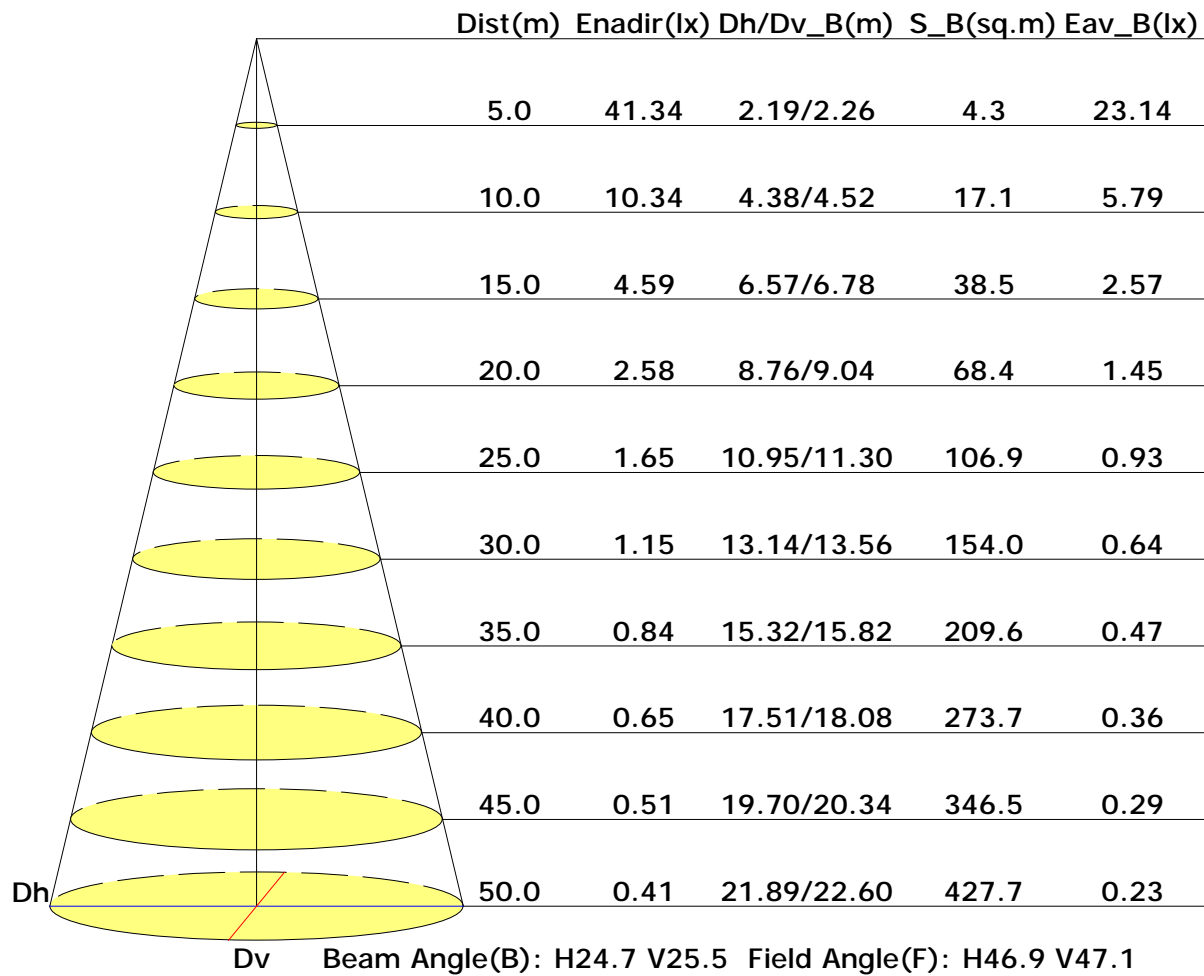


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	11	9	8	6	6	2	2	1	0
C90	22	15	12	7	4	6	3	0	0
C180	9	8	8	6	7	6	0	3	1
C270	10	10	8	3	5	0	0	0	0

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

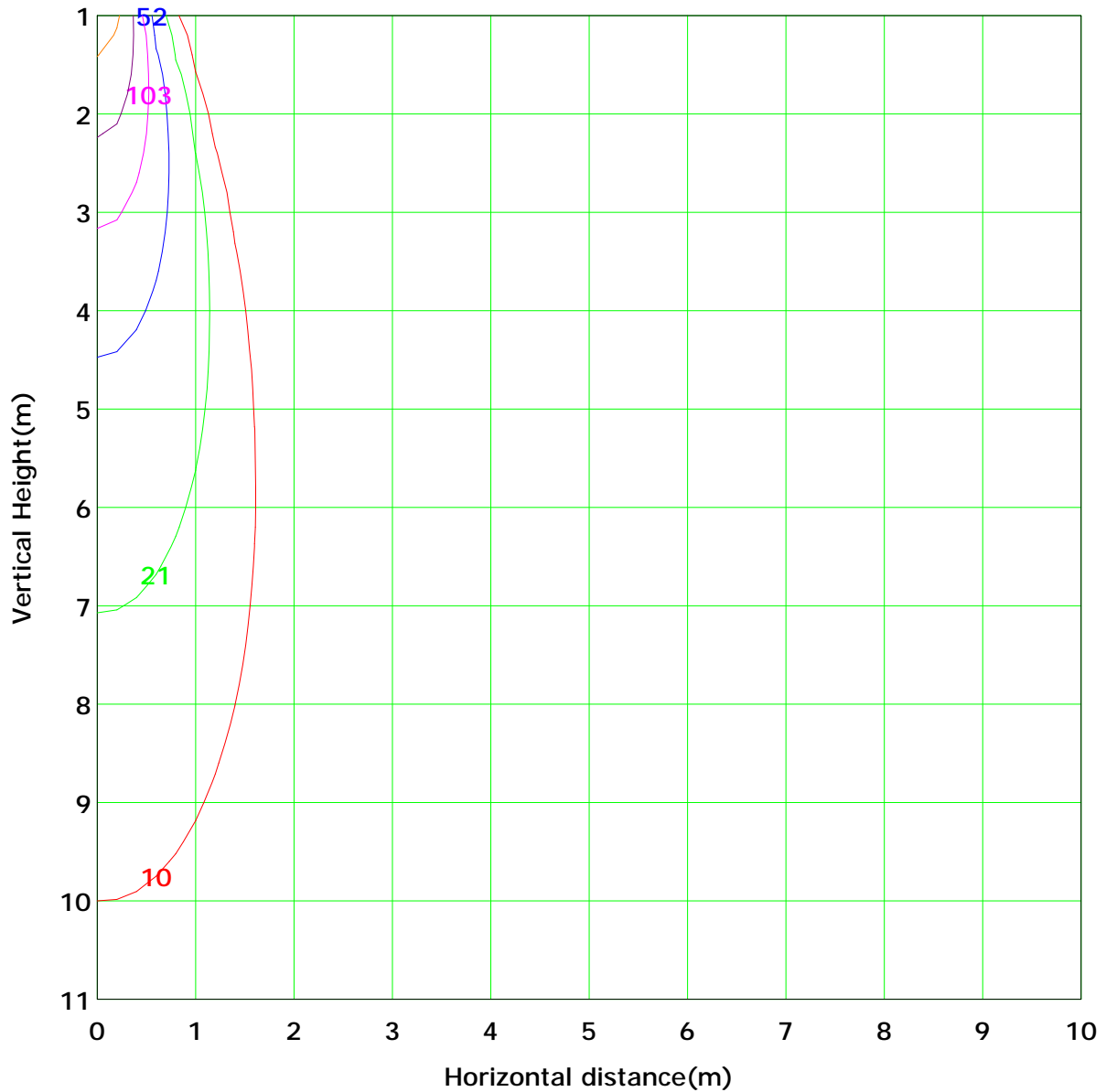
Illuminance at a Distance



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



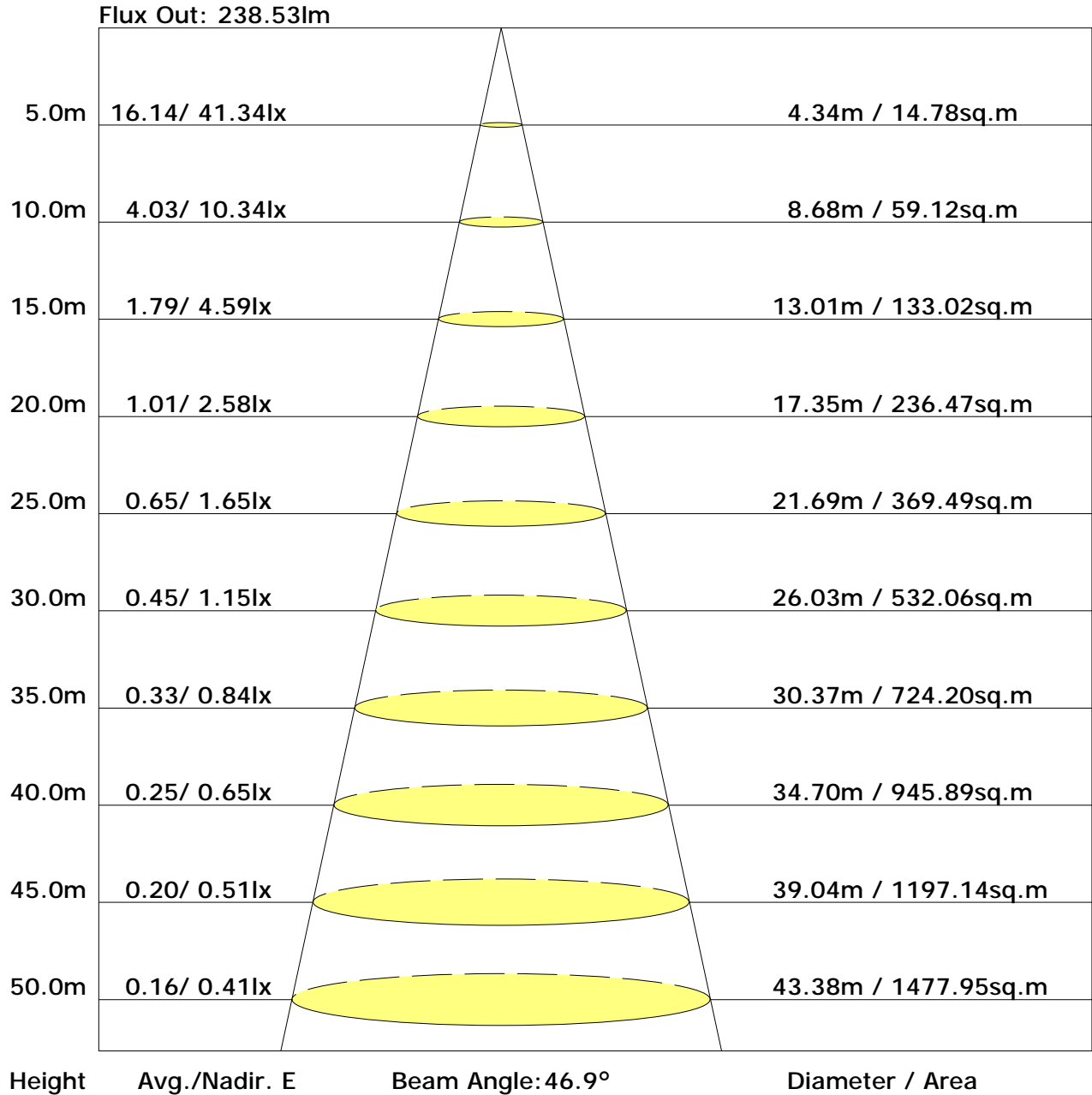
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1033.6 lx

— (1%): 10.3 lx	— (2%): 20.7 lx
— (5%): 51.7 lx	— (10%): 103.4 lx
— (20%): 206.7 lx	— (50%): 516.8 lx
— (100%): 1033.6 lx	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

UGR Table

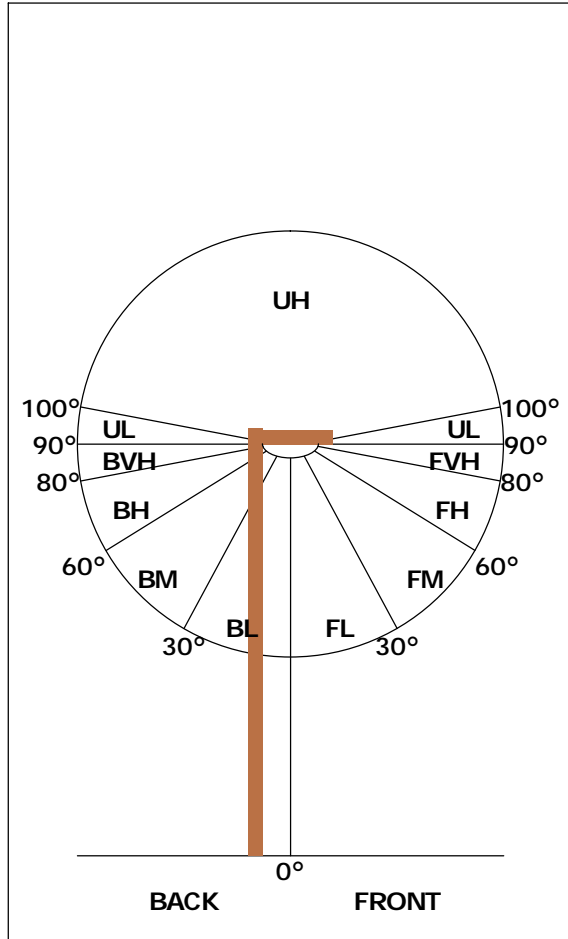
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	168	53.3
FL (0°-30°)	143	45.4
FM (30°-60°)	21	6.7
FH (60°-80°)	4	1.1
FVH (80°-90°)	0	0.0
BACK LIGHT	145	46.0
BL (0°-30°)	125	39.6
BM (30°-60°)	17	5.3
BH (60°-80°)	3	1.0
BVH (80°-90°)	0	0.1
UP LIGHT	2	0.7
UL (90°-100°)	0	0.0
UH (100°-180°)	2	0.7
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: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

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	0.89	0.94	0.98	1.01	1.05	1.08	1.09	1.12	1.13
	0.30		0.84	0.90	0.94	0.97	1.02	1.05	1.07	1.09	1.11
	0.20		0.81	0.87	0.91	0.94	0.99	1.02	1.04	1.07	1.10
0.50	0.50	0.20	0.87	0.93	0.96	0.99	1.02	1.04	1.06	1.08	1.09
	0.30		0.83	0.89	0.93	0.96	0.99	1.02	1.04	1.06	1.07
	0.20		0.80	0.86	0.90	0.93	0.97	1.00	1.02	1.04	1.06
0.30	0.50	0.20	0.86	0.91	0.94	0.96	0.99	1.01	1.02	1.04	1.05
	0.30		0.83	0.88	0.91	0.94	0.97	0.99	1.01	1.03	1.04
	0.20		0.80	0.85	0.89	0.92	0.95	0.98	0.99	1.01	1.03
0.00	0.00	0.00	0.78	0.83	0.87	0.89	0.92	0.94	0.95	0.97	0.98
<p>Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

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	0.56	0.45	0.38	0.33	0.26	0.22	0.18	0.14	0.12	
	0.30		0.47	0.39	0.33	0.29	0.24	0.20	0.17	0.13	0.11	
	0.20		0.40	0.34	0.30	0.26	0.22	0.18	0.16	0.13	0.11	
0.50	0.50	0.20	0.53	0.43	0.36	0.31	0.24	0.24	0.17	0.13	0.10	
	0.30		0.45	0.37	0.32	0.28	0.22	0.18	0.16	0.12	0.10	
	0.20		0.39	0.33	0.28	0.25	0.20	0.17	0.15	0.12	0.10	
0.30	0.50	0.20	0.50	0.40	0.33	0.29	0.22	0.18	0.15	0.12	0.10	
	0.30		0.43	0.35	0.30	0.26	0.21	0.17	0.15	0.11	0.09	
	0.20		0.38	0.32	0.27	0.24	0.19	0.16	0.14	0.11	0.09	
0.00	0.00	0.00	0.24	0.19	0.15	0.13	0.10	0.08	0.07	0.05	0.04	
<p>Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

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	0.21	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	0.18	0.19	0.20	0.20	
	0.30		0.09	0.11	0.13	0.14	0.15	0.17	0.17	0.19	0.19	
	0.20		0.07	0.09	0.10	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:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 45.0
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1089.1	1.0	1.0	0.33	0.33
1.0-2.0	1080.5	3.1	4.1	0.98	1.31
2.0-3.0	1064.3	5.1	9.2	1.61	2.92
3.0-4.0	1041.2	7.0	16.2	2.21	5.13
4.0-5.0	1010.0	8.7	24.9	2.75	7.88
5.0-6.0	972.4	10.2	35.1	3.24	11.12
6.0-7.0	929.8	11.5	46.7	3.65	14.77
7.0-8.0	881.2	12.6	59.3	3.99	18.76
8.0-9.0	827.9	13.4	72.7	4.25	23.01
9.0-10.0	771.9	14.0	86.7	4.42	27.43
10.0-11.0	713.8	14.3	100.9	4.52	31.95
11.0-12.0	655.5	14.3	115.3	4.54	36.49
12.0-13.0	597.2	14.2	129.4	4.49	40.97
13.0-14.0	539.6	13.8	143.2	4.37	45.35
14.0-15.0	485.1	13.3	156.6	4.22	49.56
15.0-16.0	431.7	12.7	169.2	4.01	53.57
16.0-17.0	382.4	11.9	181.1	3.77	57.34
17.0-18.0	337.7	11.1	192.3	3.52	60.86
18.0-19.0	296.2	10.3	202.6	3.26	64.12
19.0-20.0	258.8	9.5	212.0	3.00	67.12
20.0-21.0	224.9	8.6	220.7	2.73	69.86
21.0-22.0	194.9	7.8	228.5	2.48	72.34
22.0-23.0	168.7	7.1	235.6	2.24	74.58
23.0-24.0	146.3	6.4	242.0	2.03	76.60
24.0-25.0	126.1	5.7	247.7	1.82	78.42
25.0-26.0	109.1	5.2	252.9	1.63	80.05
26.0-27.0	94.7	4.6	257.5	1.47	81.52
27.0-28.0	81.0	4.1	261.6	1.30	82.81
28.0-29.0	69.9	3.7	265.3	1.16	83.97
29.0-30.0	61.0	3.3	268.6	1.04	85.01
30.0-31.0	53.0	2.9	271.5	0.93	85.95
31.0-32.0	46.3	2.7	274.2	0.84	86.79
32.0-33.0	40.6	2.4	276.5	0.76	87.54
33.0-34.0	36.3	2.2	278.7	0.70	88.24
34.0-35.0	32.6	2.0	280.8	0.64	88.88
35.0-36.0	28.7	1.8	282.6	0.58	89.46

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 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	25.5	1.7	284.3	0.53	89.99
37.0-38.0	22.8	1.5	285.8	0.48	90.47
38.0-39.0	21.0	1.4	287.2	0.45	90.92
39.0-40.0	19.2	1.3	288.5	0.42	91.34
40.0-41.0	17.4	1.2	289.8	0.39	91.73
41.0-42.0	16.6	1.2	291.0	0.38	92.12
42.0-43.0	15.7	1.2	292.2	0.37	92.49
43.0-44.0	14.6	1.1	293.3	0.35	92.83
44.0-45.0	13.6	1.0	294.3	0.33	93.17
45.0-46.0	12.7	1.0	295.3	0.31	93.48
46.0-47.0	12.4	1.0	296.3	0.31	93.79
47.0-48.0	11.6	0.9	297.2	0.30	94.09
48.0-49.0	10.6	0.9	298.1	0.28	94.37
49.0-50.0	10.3	0.9	299.0	0.27	94.64
50.0-51.0	10.1	0.9	299.8	0.27	94.91
51.0-52.0	9.2	0.8	300.6	0.25	95.16
52.0-53.0	8.9	0.8	301.4	0.24	95.40
53.0-54.0	8.8	0.8	302.2	0.25	95.65
54.0-55.0	8.7	0.8	302.9	0.25	95.90
55.0-56.0	8.6	0.8	303.7	0.25	96.14
56.0-57.0	8.4	0.8	304.5	0.24	96.39
57.0-58.0	8.2	0.8	305.2	0.24	96.63
58.0-59.0	7.7	0.7	306.0	0.23	96.85
59.0-60.0	7.0	0.7	306.6	0.21	97.06
60.0-61.0	6.5	0.6	307.2	0.20	97.26
61.0-62.0	6.2	0.6	307.8	0.19	97.45
62.0-63.0	6.3	0.6	308.4	0.19	97.64
63.0-64.0	6.5	0.6	309.1	0.20	97.84
64.0-65.0	5.8	0.6	309.7	0.18	98.03
65.0-66.0	4.7	0.5	310.1	0.15	98.17
66.0-67.0	4.0	0.4	310.5	0.13	98.30
67.0-68.0	3.5	0.4	310.9	0.11	98.41
68.0-69.0	3.4	0.3	311.2	0.11	98.52
69.0-70.0	3.6	0.4	311.6	0.12	98.64
70.0-71.0	3.4	0.4	312.0	0.11	98.75
71.0-72.0	2.8	0.3	312.3	0.09	98.85

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 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	1.8	0.2	312.4	0.06	98.91
73.0-74.0	1.4	0.2	312.6	0.05	98.95
74.0-75.0	1.7	0.2	312.8	0.06	99.01
75.0-76.0	1.5	0.2	312.9	0.05	99.06
76.0-77.0	1.2	0.1	313.1	0.04	99.10
77.0-78.0	1.0	0.1	313.2	0.03	99.14
78.0-79.0	0.7	0.1	313.2	0.02	99.16
79.0-80.0	0.9	0.1	313.3	0.03	99.19
80.0-81.0	0.8	0.1	313.4	0.03	99.22
81.0-82.0	0.4	0.0	313.5	0.02	99.23
82.0-83.0	0.2	0.0	313.5	0.01	99.24
83.0-84.0	0.1	0.0	313.5	0.00	99.24
84.0-85.0	0.2	0.0	313.5	0.01	99.25
85.0-86.0	0.2	0.0	313.6	0.01	99.26
86.0-87.0	0.1	0.0	313.6	0.00	99.26
87.0-88.0	0.0	0.0	313.6	0.00	99.26
88.0-89.0	0.1	0.0	313.6	0.00	99.27
89.0-90.0	0.1	0.0	313.6	0.01	99.27
90.0-91.0	0.1	0.0	313.6	0.00	99.27
91.0-92.0	0.1	0.0	313.6	0.00	99.28
92.0-93.0	0.2	0.0	313.6	0.01	99.28
93.0-94.0	0.2	0.0	313.7	0.01	99.29
94.0-95.0	0.0	0.0	313.7	0.00	99.29
95.0-96.0	0.0	0.0	313.7	0.00	99.29
96.0-97.0	0.0	0.0	313.7	0.00	99.29
97.0-98.0	0.0	0.0	313.7	0.00	99.29
98.0-99.0	0.1	0.0	313.7	0.00	99.30
99.0-100.0	0.1	0.0	313.7	0.00	99.30
100.0-101.0	0.1	0.0	313.7	0.00	99.31
101.0-102.0	0.1	0.0	313.7	0.00	99.31
102.0-103.0	0.2	0.0	313.7	0.01	99.32
103.0-104.0	0.2	0.0	313.8	0.01	99.32
104.0-105.0	0.2	0.0	313.8	0.01	99.33
105.0-106.0	0.2	0.0	313.8	0.01	99.34
106.0-107.0	0.2	0.0	313.8	0.01	99.34
107.0-108.0	0.1	0.0	313.8	0.00	99.35

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 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	0.1	0.0	313.8	0.00	99.35
109.0-110.0	0.1	0.0	313.8	0.00	99.35
110.0-111.0	0.1	0.0	313.9	0.00	99.35
111.0-112.0	0.1	0.0	313.9	0.00	99.36
112.0-113.0	0.2	0.0	313.9	0.01	99.36
113.0-114.0	0.2	0.0	313.9	0.01	99.37
114.0-115.0	0.1	0.0	313.9	0.00	99.37
115.0-116.0	0.1	0.0	313.9	0.00	99.38
116.0-117.0	0.2	0.0	313.9	0.01	99.38
117.0-118.0	0.1	0.0	313.9	0.00	99.38
118.0-119.0	0.1	0.0	314.0	0.00	99.39
119.0-120.0	0.1	0.0	314.0	0.00	99.39
120.0-121.0	0.1	0.0	314.0	0.00	99.39
121.0-122.0	0.2	0.0	314.0	0.01	99.40
122.0-123.0	0.2	0.0	314.0	0.01	99.40
123.0-124.0	0.1	0.0	314.0	0.00	99.40
124.0-125.0	0.1	0.0	314.0	0.00	99.41
125.0-126.0	0.2	0.0	314.0	0.00	99.41
126.0-127.0	0.2	0.0	314.1	0.01	99.42
127.0-128.0	0.2	0.0	314.1	0.01	99.42
128.0-129.0	0.1	0.0	314.1	0.00	99.43
129.0-130.0	0.2	0.0	314.1	0.00	99.43
130.0-131.0	0.2	0.0	314.1	0.01	99.44
131.0-132.0	0.3	0.0	314.1	0.01	99.44
132.0-133.0	0.2	0.0	314.2	0.01	99.45
133.0-134.0	0.1	0.0	314.2	0.00	99.45
134.0-135.0	0.1	0.0	314.2	0.00	99.45
135.0-136.0	0.1	0.0	314.2	0.00	99.46
136.0-137.0	0.2	0.0	314.2	0.00	99.46
137.0-138.0	0.3	0.0	314.2	0.01	99.47
138.0-139.0	0.5	0.0	314.2	0.01	99.48
139.0-140.0	0.4	0.0	314.3	0.01	99.49
140.0-141.0	0.2	0.0	314.3	0.00	99.49
141.0-142.0	0.4	0.0	314.3	0.01	99.50
142.0-143.0	0.4	0.0	314.3	0.01	99.51
143.0-144.0	0.5	0.0	314.4	0.01	99.52

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 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	0.9	0.1	314.4	0.02	99.54
145.0-146.0	0.7	0.0	314.5	0.01	99.55
146.0-147.0	0.7	0.0	314.5	0.01	99.57
147.0-148.0	0.9	0.1	314.6	0.02	99.58
148.0-149.0	0.7	0.0	314.6	0.01	99.59
149.0-150.0	0.6	0.0	314.6	0.01	99.60
150.0-151.0	1.0	0.1	314.7	0.02	99.62
151.0-152.0	1.0	0.1	314.8	0.02	99.64
152.0-153.0	1.2	0.1	314.8	0.02	99.66
153.0-154.0	1.4	0.1	314.9	0.02	99.68
154.0-155.0	1.3	0.1	314.9	0.02	99.70
155.0-156.0	1.5	0.1	315.0	0.02	99.72
156.0-157.0	1.2	0.1	315.1	0.02	99.74
157.0-158.0	1.7	0.1	315.1	0.02	99.76
158.0-159.0	1.3	0.1	315.2	0.02	99.78
159.0-160.0	0.3	0.0	315.2	0.00	99.78
160.0-161.0	1.2	0.0	315.2	0.01	99.79
161.0-162.0	2.2	0.1	315.3	0.02	99.82
162.0-163.0	1.6	0.1	315.4	0.02	99.84
163.0-164.0	0.9	0.0	315.4	0.01	99.84
164.0-165.0	1.7	0.0	315.5	0.02	99.86
165.0-166.0	2.2	0.1	315.5	0.02	99.88
166.0-167.0	2.2	0.1	315.6	0.02	99.90
167.0-168.0	2.3	0.1	315.6	0.02	99.91
168.0-169.0	1.7	0.0	315.7	0.01	99.93
169.0-170.0	1.0	0.0	315.7	0.01	99.93
170.0-171.0	1.7	0.0	315.7	0.01	99.94
171.0-172.0	2.2	0.0	315.8	0.01	99.95
172.0-173.0	2.0	0.0	315.8	0.01	99.96
173.0-174.0	2.5	0.0	315.8	0.01	99.97
174.0-175.0	2.7	0.0	315.8	0.01	99.98
175.0-176.0	2.7	0.0	315.9	0.01	99.99
176.0-177.0	2.4	0.0	315.9	0.01	99.99
177.0-178.0	2.0	0.0	315.9	0.00	100.00
178.0-179.0	2.3	0.0	315.9	0.00	100.00
179.0-180.0	2.6	0.0	315.9	0.00	100.00

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	1033.6	1068.8	1119.0	1142.4	1033.6	1068.8	1119.0	1142.4	1033.6	
G1.0	1032.5	1109.1	1185.3	1178.3	1027.0	1011.5	1052.4	1101.2	1032.5	
G2.0	1022.4	1147.2	1241.4	1194.3	1008.4	951.9	975.1	1050.6	1022.4	
G3.0	1001.4	1180.3	1283.3	1210.9	979.0	890.3	899.0	993.9	1001.4	
G4.0	972.7	1203.7	1312.4	1210.4	944.0	821.7	824.8	932.1	972.7	
G5.0	936.1	1213.0	1326.3	1202.4	900.8	751.5	744.2	863.5	936.1	
G6.0	892.3	1211.8	1339.1	1182.6	853.4	677.8	667.7	796.5	892.3	
G7.0	845.8	1193.0	1331.3	1153.0	801.4	609.7	594.7	727.0	845.8	
G8.0	790.7	1164.9	1321.6	1104.9	743.5	543.7	522.2	652.4	790.7	
G9.0	736.4	1130.9	1285.0	1045.2	687.6	474.5	459.3	584.0	736.4	
G10.0	679.4	1083.2	1242.7	989.3	628.7	412.3	394.9	517.6	679.4	
G11.0	620.2	1027.7	1183.7	919.4	569.7	356.6	337.4	458.6	620.2	
G12.0	561.3	972.2	1122.8	854.4	511.6	304.1	287.9	400.0	561.3	
G13.0	504.7	903.5	1046.2	785.0	457.9	254.7	241.2	348.1	504.7	
G14.0	451.1	836.2	974.8	718.8	403.4	206.4	202.1	299.8	451.1	
G15.0	400.4	770.4	899.2	650.9	352.7	172.2	167.2	255.6	400.4	
G16.0	351.2	699.2	815.5	580.1	303.9	136.0	136.3	216.7	351.2	
G17.0	310.6	633.0	745.4	522.8	261.9	109.7	112.4	183.4	310.6	
G18.0	270.1	565.6	668.2	456.9	223.9	91.2	92.3	155.4	270.1	
G19.0	237.1	508.4	599.2	399.0	188.9	74.5	76.8	131.5	237.1	
G20.0	203.2	449.8	538.0	348.9	155.7	57.2	64.0	108.8	203.2	
G21.0	176.3	397.6	471.6	297.6	133.0	51.5	53.0	91.6	176.3	
G22.0	152.4	350.2	416.3	252.0	109.4	43.5	43.8	77.9	152.4	
G23.0	131.7	309.2	367.2	213.4	91.3	37.8	37.2	66.2	131.7	
G24.0	113.3	270.9	318.3	184.5	78.7	33.3	32.1	56.3	113.3	
G25.0	95.8	236.2	278.1	156.7	62.8	25.5	28.1	46.9	95.8	
G26.0	84.5	205.1	244.9	133.0	55.7	26.9	25.3	40.2	84.5	
G27.0	73.5	178.7	210.2	108.2	44.3	24.5	23.1	36.4	73.5	
G28.0	61.8	153.5	180.3	90.5	41.4	18.6	21.0	30.2	61.8	
G29.0	53.8	133.4	158.8	76.2	36.3	17.2	18.4	26.3	53.8	
G30.0	48.8	115.1	135.3	67.5	28.0	19.9	17.9	23.3	48.8	
G31.0	40.7	99.9	116.5	57.7	24.8	14.6	17.2	20.7	40.7	
G32.0	37.7	86.5	103.2	45.9	22.1	17.7	14.7	20.3	37.7	
G33.0	33.4	75.5	89.6	39.7	19.9	12.8	13.8	17.0	33.4	
G34.0	29.6	66.4	77.4	37.4	22.1	15.9	13.1	17.4	29.6	
G35.0	26.7	58.0	67.7	29.7	20.5	11.2	14.2	14.6	26.7	
G36.0	24.0	50.4	56.3	28.8	19.3	10.5	13.7	13.6	24.0	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	19.4	44.5	49.2	23.2	18.3	9.8	13.4	12.8	19.4	
G38.0	17.8	39.6	45.6	20.7	13.1	13.2	10.4	13.5	17.8	
G39.0	18.7	35.3	37.5	21.0	16.2	9.0	12.4	11.6	18.7	
G40.0	17.7	31.4	33.1	17.3	11.4	12.4	9.3	12.2	17.7	
G41.0	14.3	28.2	29.4	17.8	11.1	11.9	8.8	11.8	14.3	
G42.0	15.7	25.8	28.8	14.7	14.2	11.4	11.1	11.3	15.7	
G43.0	14.9	23.0	23.4	14.2	13.4	11.3	8.1	10.1	14.9	
G44.0	14.2	21.1	23.8	14.9	12.8	10.9	7.7	10.4	14.2	
G45.0	11.2	20.1	21.9	12.6	9.3	7.2	10.2	9.7	11.2	
G46.0	13.1	18.6	20.2	13.3	8.9	6.9	10.1	9.3	13.1	
G47.0	10.1	17.3	18.8	12.7	11.2	9.7	10.0	8.8	10.1	
G48.0	12.1	15.7	14.7	11.1	8.6	9.5	6.5	8.9	12.1	
G49.0	9.3	14.8	13.5	11.6	8.1	6.4	9.8	8.8	9.3	
G50.0	8.9	14.8	15.4	11.1	8.1	6.3	9.6	8.7	8.9	
G51.0	11.0	13.4	11.8	10.6	9.0	6.2	9.4	7.3	11.0	
G52.0	8.4	13.7	11.0	9.7	7.9	6.0	5.6	6.8	8.4	
G53.0	8.2	13.3	13.5	10.1	7.8	8.2	5.3	6.7	8.2	
G54.0	8.0	11.8	9.8	9.6	7.7	7.7	5.0	8.5	8.0	
G55.0	7.8	12.3	12.4	8.9	7.9	5.6	8.1	8.1	7.8	
G56.0	7.6	10.8	8.7	9.3	7.2	7.1	7.9	8.2	7.6	
G57.0	9.8	11.8	11.4	8.9	8.1	5.1	7.7	5.1	9.8	
G58.0	9.4	11.4	7.4	8.3	8.2	6.4	7.4	4.6	9.4	
G59.0	9.0	9.7	10.6	8.2	6.3	5.0	3.4	7.5	9.0	
G60.0	6.1	9.2	6.6	8.4	6.0	4.8	3.1	7.3	6.1	
G61.0	8.2	10.2	9.5	7.5	5.7	5.4	2.8	3.4	8.2	
G62.0	5.5	8.1	5.5	7.9	5.4	5.0	2.2	6.8	5.5	
G63.0	7.1	9.1	8.7	7.5	4.7	4.3	5.8	6.7	7.1	
G64.0	6.8	8.6	8.4	6.1	4.4	4.1	5.5	6.3	6.8	
G65.0	6.3	8.1	3.8	6.7	7.3	3.8	5.0	1.9	6.3	
G66.0	5.7	5.6	3.4	5.1	3.3	3.3	4.8	1.5	5.7	
G67.0	5.5	5.0	2.9	5.9	3.0	2.9	4.5	1.2	5.5	
G68.0	3.0	4.5	2.5	4.2	2.6	3.3	4.2	0.8	3.0	
G69.0	4.6	6.1	6.1	3.7	2.0	2.1	0.0	4.7	4.6	
G70.0	2.3	5.9	5.6	3.3	5.9	1.6	0.0	4.4	2.3	
G71.0	3.8	5.5	0.7	4.7	1.4	2.4	3.1	4.1	3.8	
G72.0	3.4	4.9	0.3	2.2	5.3	0.7	2.7	0.0	3.4	
G73.0	1.5	2.0	0.0	1.7	0.7	0.2	0.0	3.3	1.5	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	1.2	1.5	0.0	3.7	0.4	1.7	1.9	3.0	1.2	
G75.0	2.4	3.7	3.4	0.7	0.1	1.6	0.0	2.5	2.4	
G76.0	2.0	0.5	2.9	0.1	0.0	1.3	0.0	2.3	2.0	
G77.0	1.7	0.0	2.5	2.6	3.8	0.0	0.0	0.0	1.7	
G78.0	0.1	0.0	0.0	0.0	3.5	0.0	0.0	1.4	0.1	
G79.0	0.9	2.1	0.0	0.0	3.2	0.0	0.2	0.0	0.9	
G80.0	0.6	1.8	0.0	1.7	3.0	0.5	0.2	0.5	0.6	
G81.0	0.3	1.4	0.4	0.0	2.5	0.0	0.0	0.0	0.3	
G82.0	0.0	0.0	0.3	0.0	2.2	0.0	0.0	0.0	0.0	
G83.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G84.0	0.0	0.4	0.0	0.0	1.5	0.0	0.0	0.0	0.0	
G85.0	0.0	0.3	0.0	0.0	1.1	0.4	0.0	0.0	0.0	
G86.0	0.0	0.3	0.0	0.0	0.0	0.7	0.0	0.0	0.0	
G87.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G88.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	
G89.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	0.0	0.0	
G90.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G92.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	0.0	0.0	
G93.0	0.0	0.1	0.0	0.8	0.0	0.8	0.0	0.0	0.0	
G94.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G96.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
G98.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	
G99.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.3	0.0	
G100.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.4	0.0	
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	
G102.0	0.0	0.0	0.5	0.3	0.0	0.2	0.0	0.0	0.0	
G103.0	0.0	0.0	0.6	0.0	0.0	0.1	0.0	0.7	0.0	
G104.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.8	0.0	
G105.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.0	
G106.0	0.2	0.0	0.8	0.0	0.0	0.0	0.0	0.9	0.2	
G107.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	
G108.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	
G110.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.7	0.0	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G112.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	
G113.0	0.0	0.0	0.8	0.0	0.0	0.0	0.7	0.4	0.0	
G114.0	0.8	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.8	
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G116.0	0.8	0.0	0.7	0.0	0.0	0.0	0.8	0.0	0.8	
G117.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	
G120.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	
G122.0	0.9	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.9	
G123.0	0.0	0.0	0.2	0.0	0.0	0.0	0.9	0.0	0.0	
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G125.0	0.9	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.9	
G126.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	0.0	
G127.0	0.8	0.0	0.0	0.0	0.0	0.7	0.6	0.0	0.8	
G128.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1	0.0	
G129.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	
G130.0	0.8	0.0	0.0	0.0	0.1	1.0	0.0	0.0	0.8	
G131.0	0.7	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.7	
G132.0	0.0	0.0	0.0	0.0	0.3	1.2	0.1	0.8	0.0	
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	
G134.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	
G135.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
G136.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	
G137.0	0.3	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.3	
G138.0	0.0	0.1	0.0	0.0	0.9	0.0	0.0	1.5	0.0	
G139.0	0.5	0.1	0.0	0.0	1.1	1.8	0.1	1.5	0.5	
G140.0	0.4	0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.4	
G141.0	0.0	0.0	0.0	0.0	1.3	0.0	0.7	0.0	0.0	
G142.0	0.0	0.0	0.0	0.6	1.5	2.1	0.0	0.0	0.0	
G143.0	0.3	0.4	0.0	0.7	0.0	0.0	0.0	1.6	0.3	
G144.0	0.2	0.0	0.6	0.8	1.7	0.0	0.0	1.5	0.2	
G145.0	0.0	0.5	0.8	0.0	1.8	2.4	1.9	1.6	0.0	
G146.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.6	0.0	
G147.0	0.1	0.0	1.1	1.2	0.0	2.6	2.4	1.5	0.1	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	0.0	0.0	0.0	1.2	0.0	2.7	0.0	1.5	0.0	
G149.0	0.1	0.0	1.2	0.0	0.0	2.6	0.0	1.5	0.1	
G150.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	1.5	0.0	
G151.0	0.2	1.1	1.6	1.9	2.5	3.0	0.0	1.4	0.2	
G152.0	0.7	1.2	1.8	0.0	0.0	0.0	0.0	1.4	0.7	
G153.0	0.0	1.3	1.8	0.0	2.5	3.2	3.4	1.4	0.0	
G154.0	1.4	1.5	1.8	0.0	2.7	0.0	0.0	0.8	1.4	
G155.0	1.7	0.0	1.9	2.4	2.8	3.3	0.0	1.3	1.7	
G156.0	0.0	1.8	1.9	0.0	2.7	0.0	3.7	1.2	0.0	
G157.0	0.0	0.0	0.0	2.8	0.0	0.0	3.5	1.3	0.0	
G158.0	2.7	2.1	0.0	2.9	2.9	3.6	3.7	1.4	2.7	
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	
G160.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.3	0.0	
G161.0	3.5	0.0	0.0	3.4	0.0	3.7	3.7	1.9	3.5	
G162.0	3.8	2.7	0.3	0.0	2.8	3.8	3.7	2.2	3.8	
G163.0	0.0	2.8	0.7	0.0	0.3	0.0	0.3	2.3	0.0	
G164.0	4.1	0.0	1.5	0.0	0.5	0.0	0.3	2.3	4.1	
G165.0	0.0	0.1	1.5	3.8	2.6	3.8	3.5	2.5	0.0	
G166.0	0.1	3.2	1.7	4.1	2.5	0.0	3.4	2.5	0.1	
G167.0	4.5	3.3	2.2	0.0	1.1	3.9	0.7	2.6	4.5	
G168.0	4.4	3.5	2.5	0.0	1.3	0.0	3.4	2.7	4.4	
G169.0	0.3	0.7	0.9	0.1	1.5	0.0	3.2	2.7	0.3	
G170.0	0.4	0.8	1.0	0.2	1.9	0.0	1.0	1.3	0.4	
G171.0	4.2	3.7	0.9	4.4	1.8	0.0	3.0	2.8	4.2	
G172.0	0.7	0.9	0.9	0.4	2.1	4.1	3.0	2.8	0.7	
G173.0	0.8	3.8	0.8	0.4	2.3	4.1	1.5	2.9	0.8	
G174.0	4.1	3.8	4.2	0.5	2.5	4.1	2.9	1.6	4.1	
G175.0	1.1	1.0	4.3	4.4	2.8	0.0	2.8	3.0	1.1	
G176.0	1.3	3.9	4.5	4.4	1.0	4.2	2.7	1.8	1.3	
G177.0	1.6	3.8	0.5	0.8	3.3	0.1	2.3	1.8	1.6	
G178.0	2.5	1.0	4.7	0.7	0.7	4.1	2.3	2.0	2.5	
G179.0	1.3	4.0	0.7	3.7	0.5	4.3	2.3	2.8	1.3	
G180.0	4.4	0.4	2.5	2.3	4.4	3.5	1.9	2.5	4.4	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector: