

Report No.:

Test Time: 2015-05-12 09:50

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR0727KCNFLBWU

Lumens per Lamp: 471.1 lm

Luminous Width (mm): 0 mm

Voltage: 12.2 V

Power: 7.40 W

Number of Lamps: 1

Luminous Length (mm): 0 mm

Luminous Height (mm): 0 mm

Current: 0.665 A

Power Factor: 0.913

Photometric Results

CIE Class: Direct

Measurement Flux: 471.1 lm

Downward Ratio: 99.99%

Horizontal Diffuse Angle(10%,25%,50%,75%): H40.1,H30.4,H21.8,H14.3

Vertical Diffuse Angle(10%,25%,50%,75%): V39.7,V30.2,V21.5,V14

Luminaire Efficacy Rating (LER): 64

Max. Intensity: 2590.14 cd

Total Rated Lamp Lumens: 471.1 lm

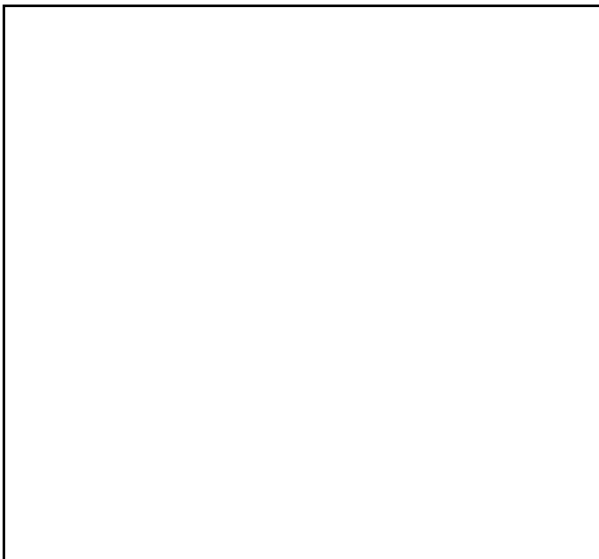
Efficiency: 99.99%

Upward Ratio: 0.00%

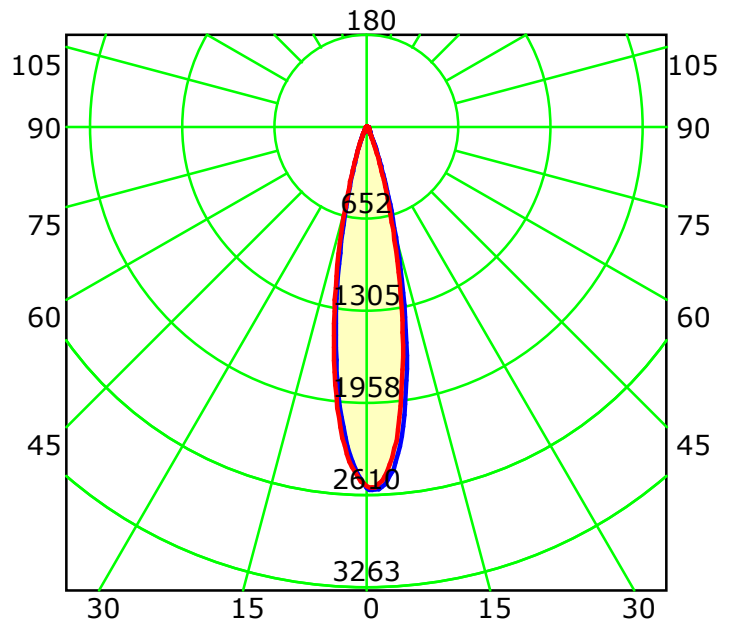
Central Intensity: 2557.4 cd

Pos of Max. Intensity: H30 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 21.7° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:0.5

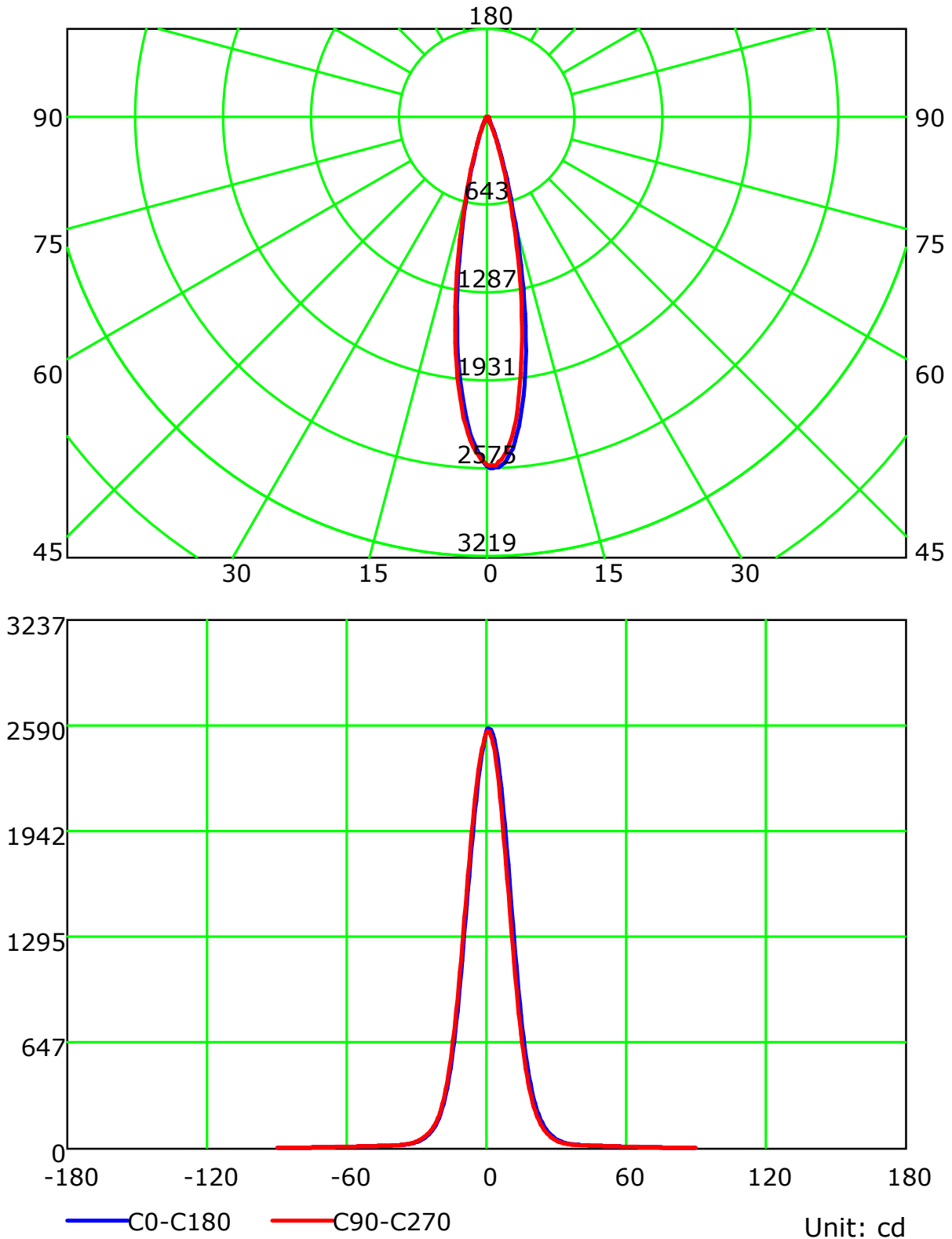
Test Device: GPM-1600L

Distance: 8.177 m

Humidity:

Inspector:

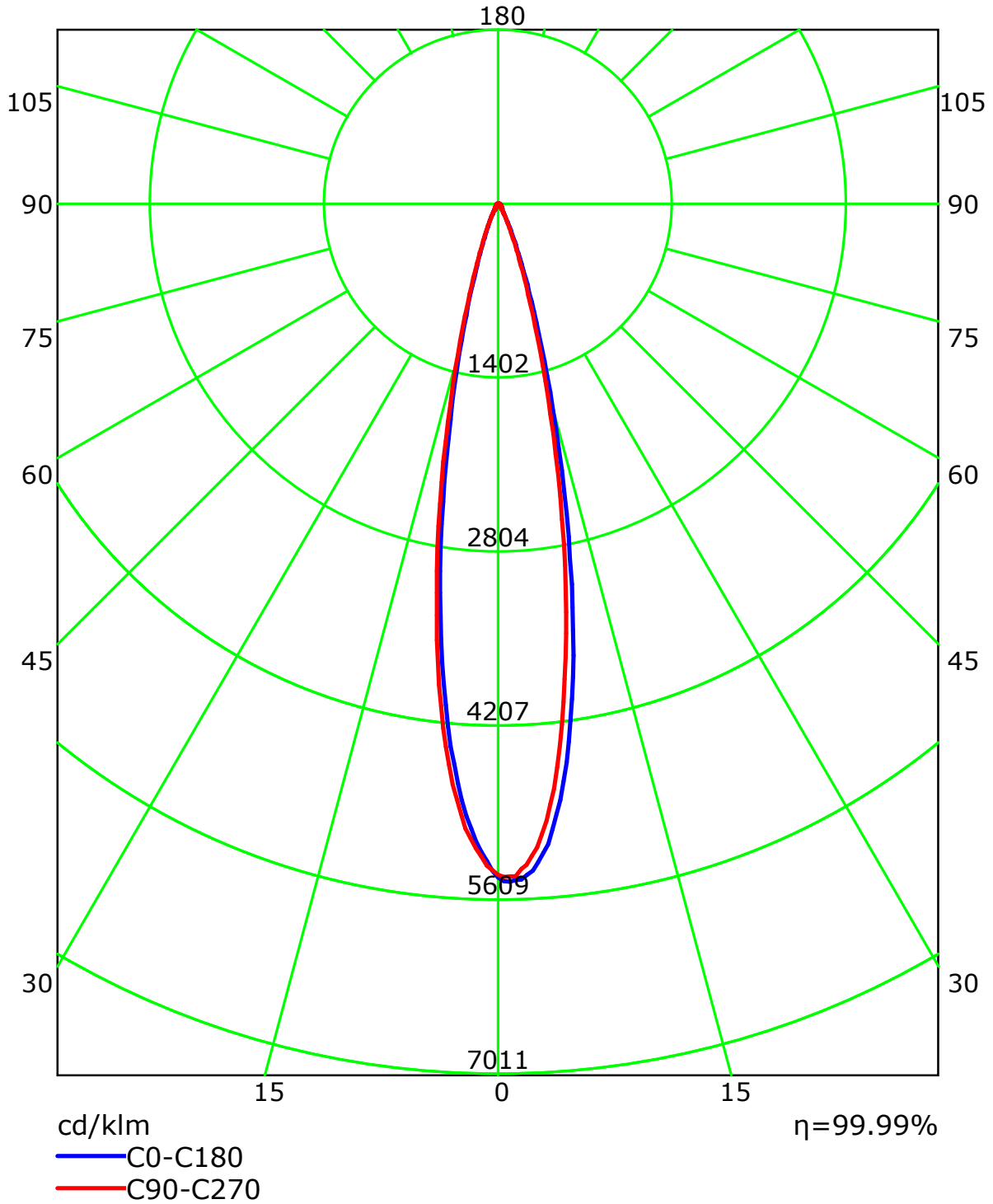
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



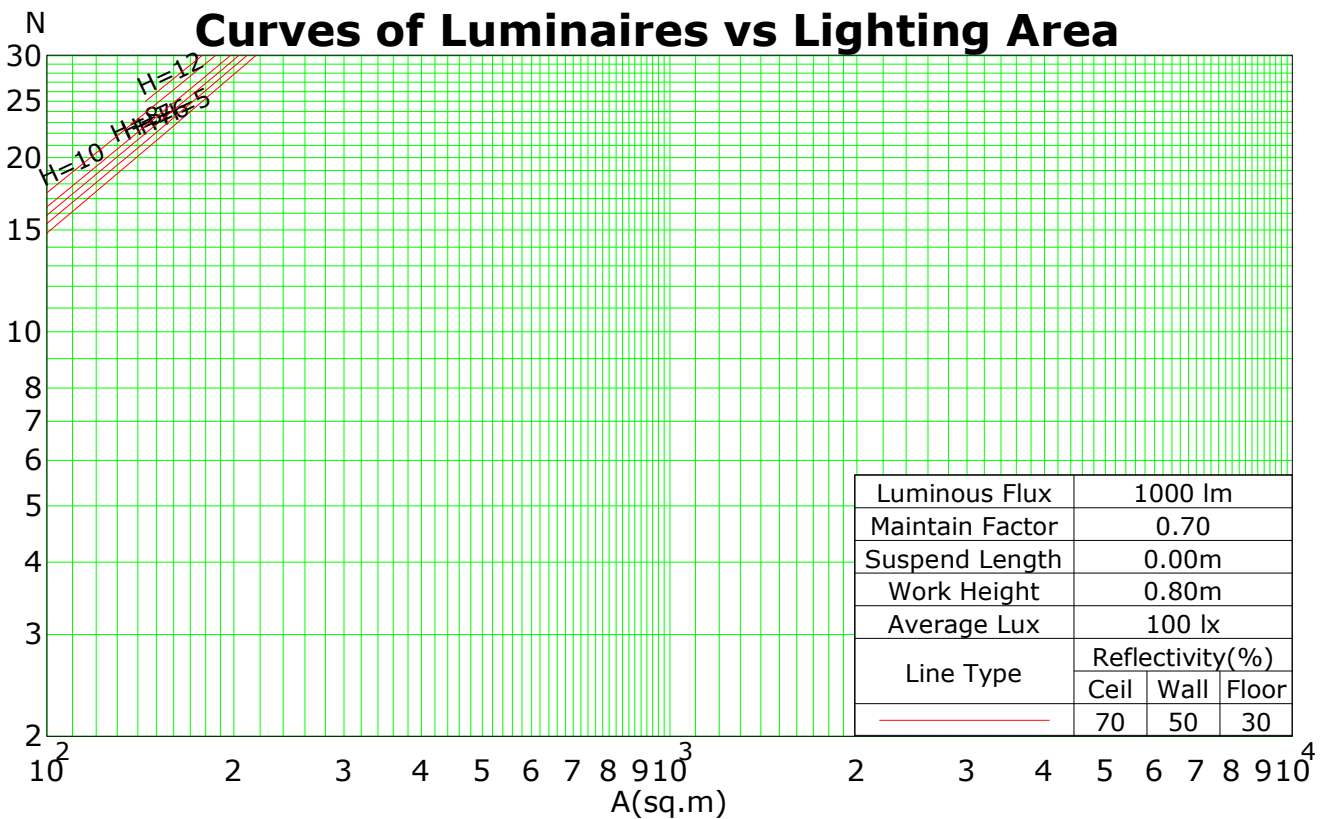
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
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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	107	107	107	102	102	102	100
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92
3	107	102	98	95	105	101	97	94	98	95	93	96	93	91	94	92	90	89
4	103	98	94	90	102	97	93	90	95	92	89	93	90	88	91	89	87	86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83
6	97	91	87	84	96	90	86	83	89	85	83	88	85	82	87	84	82	81
7	95	88	84	81	94	87	83	81	86	83	80	85	82	80	84	82	79	78
8	92	85	81	78	91	85	81	78	84	80	78	83	80	78	82	79	77	76
9	90	83	79	76	89	83	79	76	82	78	76	81	78	76	80	78	75	74
10	88	81	77	74	87	81	77	74	80	76	74	79	76	74	79	76	74	73

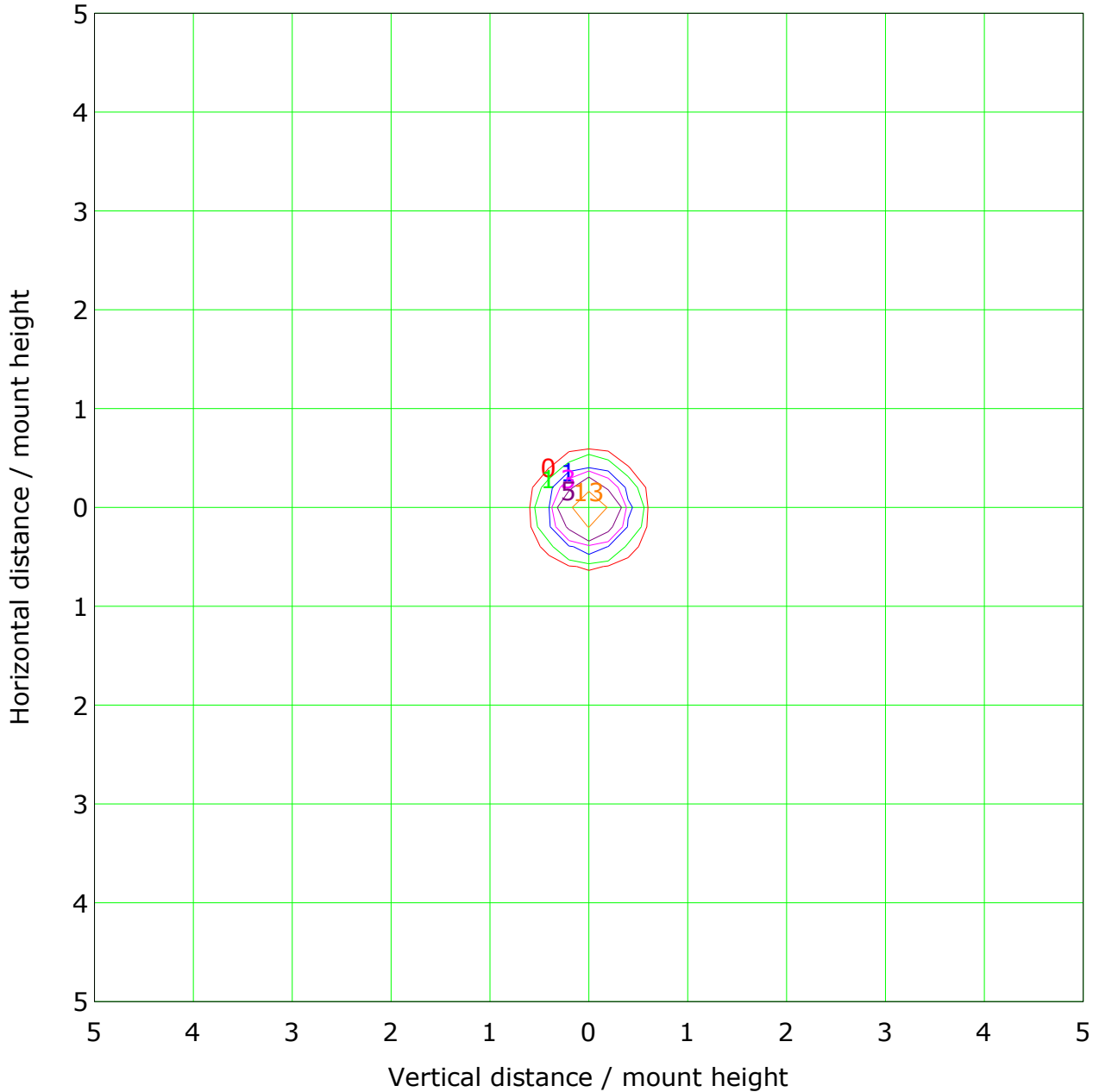
Spacing Criteria (0-180): 0.37
 Spacing Criteria (90-270): 0.37
 Spacing Criteria (Diagonal): 0.37



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

IsoLux Plot



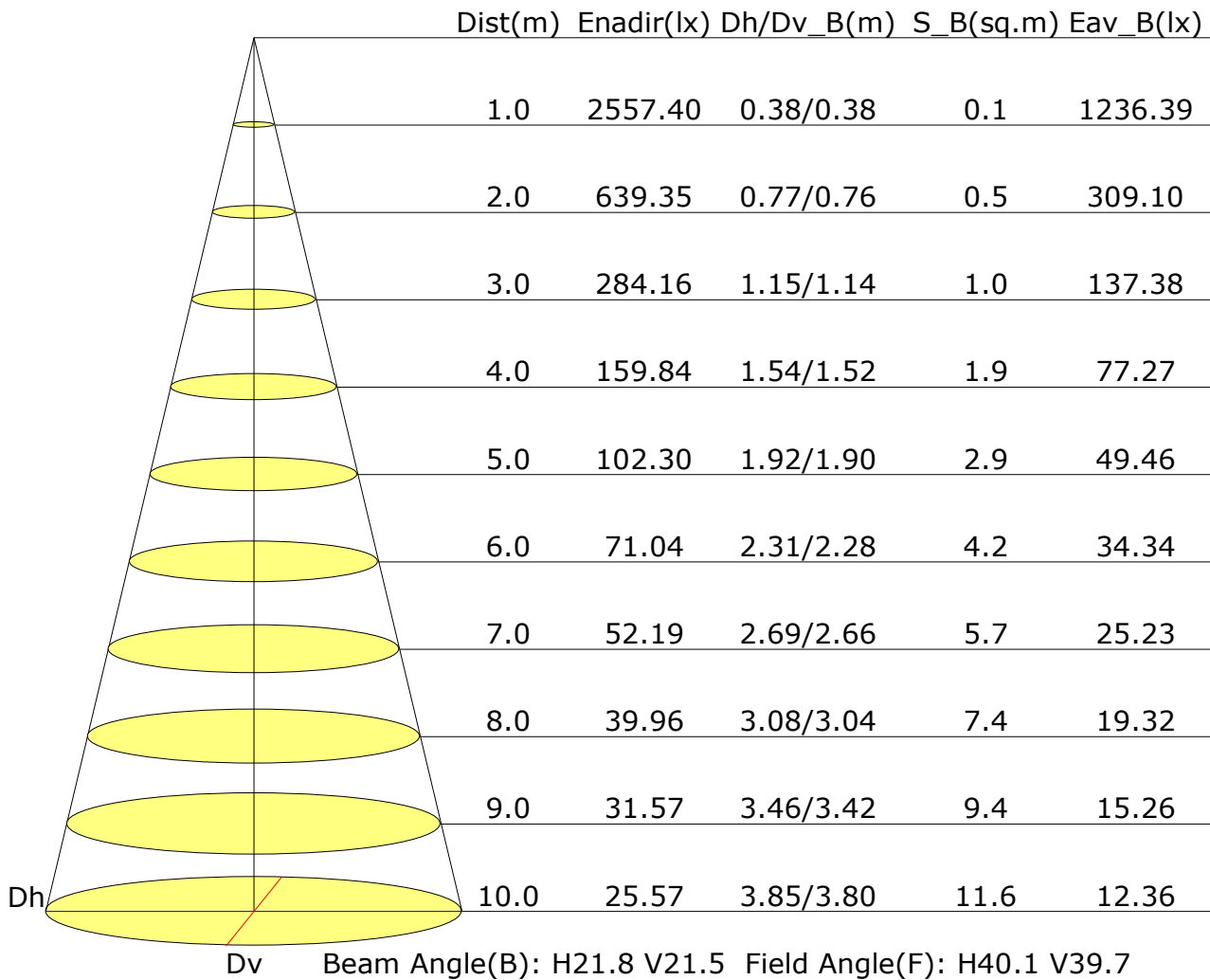
Mounting Height: 10.0m Max Lux(100%): 25.9 lx

— (1%): 0.3 lx	— (2%): 0.5 lx
— (5%): 1.3 lx	— (10%): 2.6 lx
— (20%): 5.2 lx	— (50%): 12.9 lx
— (100%): 25.9 lx	

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

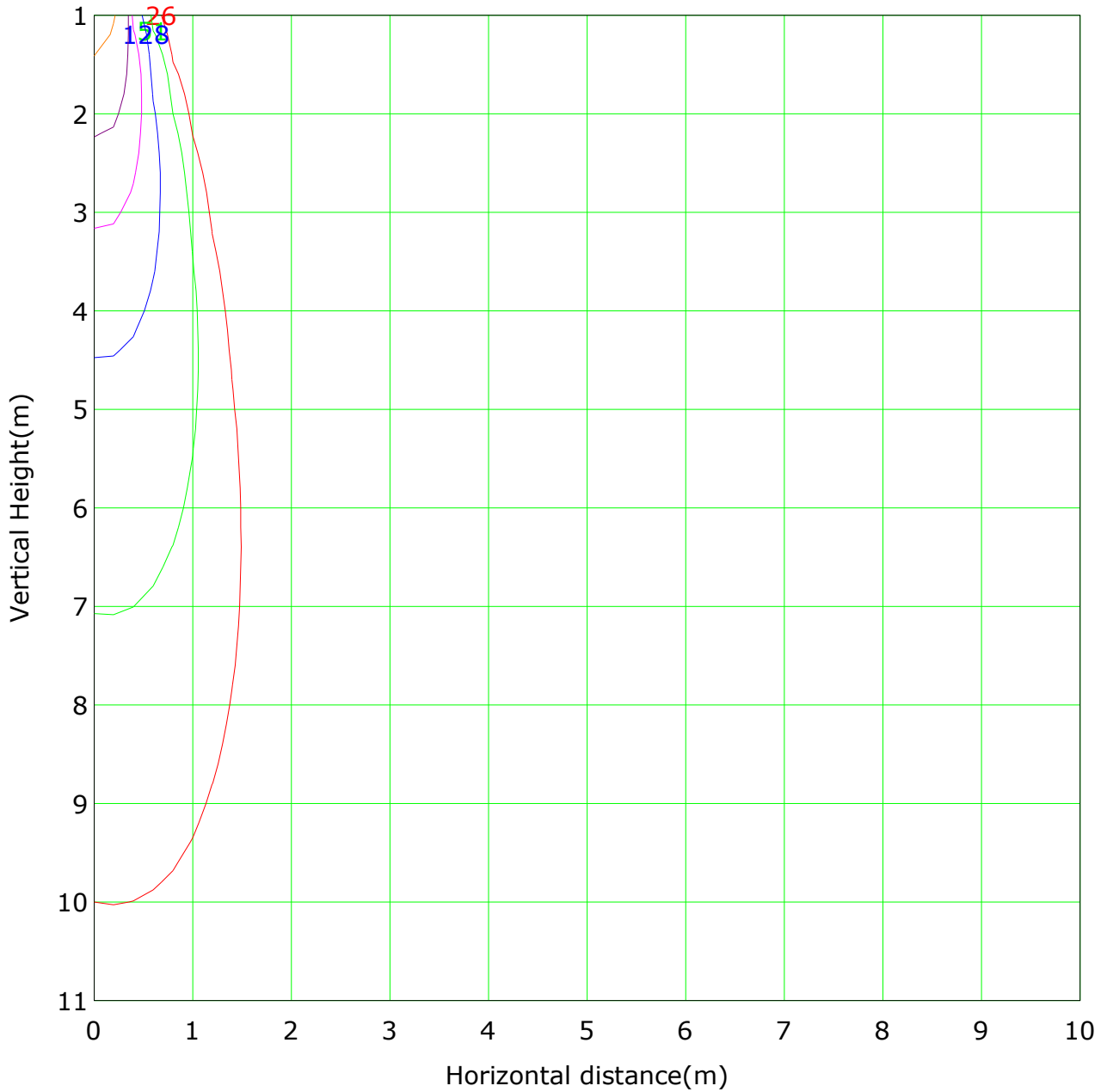
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



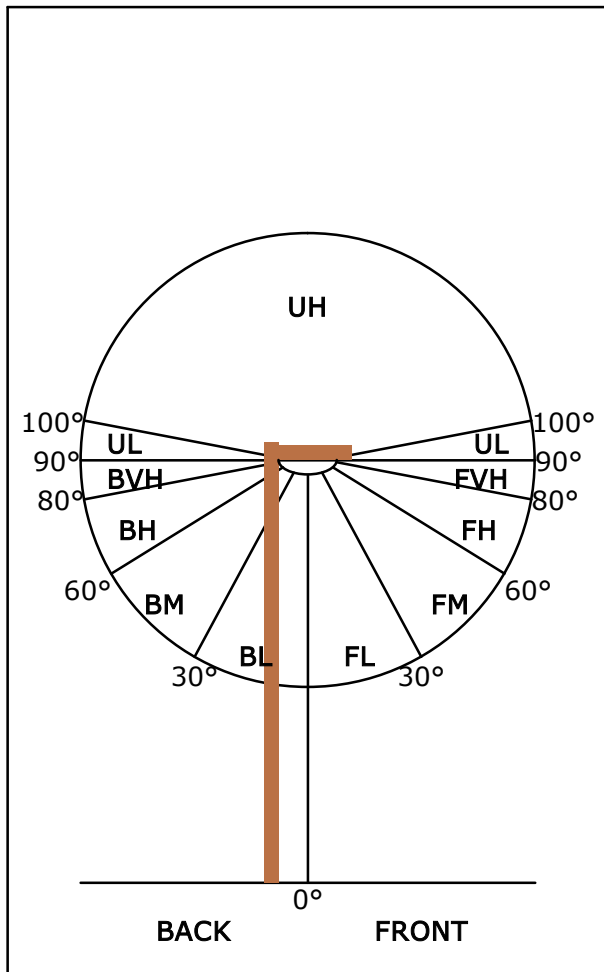
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2557.4 lx

— (1%): 25.6 lx	— (2%): 51.1 lx
— (5%): 127.9 lx	— (10%): 255.7 lx
— (20%): 511.5 lx	— (50%): 1278.7 lx
— (100%): 2557.4 lx	

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	261	55.5
FL (0°-30°)	237	50.3
FM (30°-60°)	19	4.1
FH (60°-80°)	5	1.0
FVH (80°-90°)	0	0.1
BACK LIGHT	210	44.5
BL (0°-30°)	188	39.9
BM (30°-60°)	17	3.5
BH (60°-80°)	5	1.0
BVH (80°-90°)	0	0.1
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	0	0.0

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U0 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U0 G0

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 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 [%]
0.0-0.5	2544.2	0.6	0.6	0.13	0.13
0.5-1.0	2537.1	1.8	2.4	0.39	0.52
1.0-1.5	2522.7	3.0	5.4	0.64	1.16
1.5-2.0	2501.9	4.2	9.6	0.89	2.05
2.0-2.5	2474.2	5.3	15.0	1.13	3.18
2.5-3.0	2441.5	6.4	21.4	1.36	4.54
3.0-3.5	2402.7	7.5	28.9	1.59	6.12
3.5-4.0	2357.1	8.5	37.3	1.79	7.92
4.0-4.5	2307.1	9.4	46.7	1.99	9.91
4.5-5.0	2250.3	10.2	56.9	2.17	12.08
5.0-5.5	2187.8	11.0	67.9	2.33	14.41
5.5-6.0	2119.7	11.6	79.5	2.47	16.88
6.0-6.5	2047.2	12.2	91.7	2.59	19.47
6.5-7.0	1971.5	12.7	104.4	2.70	22.17
7.0-7.5	1891.1	13.1	117.5	2.78	24.95
7.5-8.0	1807.7	13.4	130.9	2.84	27.79
8.0-8.5	1723.8	13.6	144.5	2.88	30.66
8.5-9.0	1638.5	13.7	158.1	2.90	33.57
9.0-9.5	1552.5	13.7	171.8	2.90	36.47
9.5-10.0	1465.2	13.6	185.4	2.89	39.36
10.0-10.5	1379.0	13.5	198.9	2.86	42.21
10.5-11.0	1295.7	13.3	212.1	2.81	45.03
11.0-11.5	1210.2	12.9	225.1	2.75	47.77
11.5-12.0	1126.3	12.6	237.6	2.67	50.44
12.0-12.5	1047.5	12.2	249.8	2.59	53.03
12.5-13.0	970.6	11.7	261.6	2.49	55.52
13.0-13.5	896.3	11.3	272.8	2.39	57.92
13.5-14.0	825.1	10.8	283.6	2.28	60.20
14.0-14.5	758.2	10.2	293.8	2.17	62.37
14.5-15.0	695.0	9.7	303.5	2.06	64.43
15.0-15.5	634.5	9.2	312.7	1.94	66.37
15.5-16.0	578.1	8.6	321.3	1.83	68.20
16.0-16.5	526.4	8.1	329.4	1.71	69.91
16.5-17.0	479.6	7.6	336.9	1.61	71.52
17.0-17.5	435.5	7.1	344.0	1.50	73.02
17.5-18.0	395.1	6.6	350.6	1.40	74.43

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 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 [%]
18.0-18.5	358.9	6.2	356.8	1.31	75.73
18.5-19.0	326.3	5.8	362.5	1.22	76.96
19.0-19.5	296.7	5.4	367.9	1.14	78.09
19.5-20.0	269.7	5.0	372.9	1.06	79.15
20.0-20.5	245.7	4.7	377.6	0.99	80.14
20.5-21.0	224.0	4.4	381.9	0.92	81.07
21.0-21.5	204.2	4.1	386.0	0.86	81.93
21.5-22.0	186.1	3.8	389.7	0.80	82.73
22.0-22.5	169.6	3.5	393.3	0.75	83.48
22.5-23.0	155.1	3.3	396.6	0.70	84.18
23.0-23.5	141.7	3.1	399.6	0.65	84.83
23.5-24.0	129.3	2.9	402.5	0.61	85.43
24.0-24.5	118.1	2.7	405.1	0.56	86.00
24.5-25.0	108.1	2.5	407.6	0.53	86.53
25.0-25.5	99.1	2.3	409.9	0.49	87.02
25.5-26.0	90.7	2.2	412.1	0.46	87.48
26.0-26.5	83.3	2.0	414.1	0.43	87.91
26.5-27.0	76.6	1.9	416.0	0.40	88.31
27.0-27.5	70.4	1.8	417.8	0.38	88.68
27.5-28.0	64.7	1.7	419.4	0.35	89.03
28.0-28.5	59.5	1.5	421.0	0.33	89.36
28.5-29.0	54.9	1.4	422.4	0.31	89.67
29.0-29.5	50.7	1.4	423.8	0.29	89.96
29.5-30.0	46.9	1.3	425.1	0.27	90.23
30.0-30.5	43.5	1.2	426.3	0.25	90.48
30.5-31.0	40.4	1.1	427.4	0.24	90.72
31.0-31.5	37.6	1.1	428.5	0.23	90.95
31.5-32.0	35.1	1.0	429.5	0.21	91.16
32.0-32.5	32.8	1.0	430.4	0.20	91.37
32.5-33.0	30.7	0.9	431.3	0.19	91.56
33.0-33.5	28.9	0.9	432.2	0.18	91.75
33.5-34.0	27.2	0.8	433.0	0.18	91.92
34.0-34.5	25.7	0.8	433.8	0.17	92.09
34.5-35.0	24.3	0.8	434.6	0.16	92.25
35.0-35.5	23.2	0.7	435.3	0.16	92.41
35.5-36.0	22.1	0.7	436.0	0.15	92.56

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 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 [%]
36.0-36.5	21.2	0.7	436.7	0.15	92.70
36.5-37.0	20.4	0.7	437.4	0.14	92.84
37.0-37.5	19.6	0.7	438.0	0.14	92.98
37.5-38.0	19.0	0.6	438.7	0.14	93.12
38.0-38.5	18.4	0.6	439.3	0.13	93.25
38.5-39.0	17.9	0.6	439.9	0.13	93.38
39.0-39.5	17.5	0.6	440.5	0.13	93.51
39.5-40.0	17.1	0.6	441.1	0.13	93.64
40.0-40.5	16.7	0.6	441.7	0.13	93.76
40.5-41.0	16.4	0.6	442.3	0.12	93.89
41.0-41.5	16.1	0.6	442.9	0.12	94.01
41.5-42.0	15.8	0.6	443.5	0.12	94.13
42.0-42.5	15.5	0.6	444.0	0.12	94.26
42.5-43.0	15.2	0.6	444.6	0.12	94.38
43.0-43.5	14.9	0.6	445.2	0.12	94.49
43.5-44.0	14.7	0.6	445.7	0.12	94.61
44.0-44.5	14.4	0.5	446.3	0.12	94.73
44.5-45.0	14.1	0.5	446.8	0.12	94.84
45.0-45.5	13.8	0.5	447.4	0.11	94.96
45.5-46.0	13.6	0.5	447.9	0.11	95.07
46.0-46.5	13.3	0.5	448.4	0.11	95.18
46.5-47.0	13.1	0.5	448.9	0.11	95.30
47.0-47.5	12.9	0.5	449.5	0.11	95.41
47.5-48.0	12.6	0.5	450.0	0.11	95.51
48.0-48.5	12.4	0.5	450.5	0.11	95.62
48.5-49.0	12.2	0.5	451.0	0.11	95.73
49.0-49.5	12.0	0.5	451.5	0.11	95.83
49.5-50.0	11.8	0.5	452.0	0.11	95.94
50.0-50.5	11.7	0.5	452.5	0.10	96.04
50.5-51.0	11.5	0.5	453.0	0.10	96.15
51.0-51.5	11.3	0.5	453.4	0.10	96.25
51.5-52.0	11.1	0.5	453.9	0.10	96.35
52.0-52.5	11.0	0.5	454.4	0.10	96.45
52.5-53.0	10.8	0.5	454.9	0.10	96.55
53.0-53.5	10.6	0.5	455.3	0.10	96.65
53.5-54.0	10.4	0.5	455.8	0.10	96.75

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 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 [%]
54.0-54.5	10.2	0.5	456.2	0.10	96.85
54.5-55.0	10.0	0.4	456.7	0.10	96.94
55.0-55.5	9.8	0.4	457.1	0.09	97.03
55.5-56.0	9.6	0.4	457.6	0.09	97.13
56.0-56.5	9.4	0.4	458.0	0.09	97.22
56.5-57.0	9.2	0.4	458.4	0.09	97.31
57.0-57.5	9.0	0.4	458.8	0.09	97.40
57.5-58.0	8.9	0.4	459.2	0.09	97.48
58.0-58.5	8.7	0.4	459.6	0.09	97.57
58.5-59.0	8.5	0.4	460.0	0.08	97.65
59.0-59.5	8.3	0.4	460.4	0.08	97.74
59.5-60.0	8.1	0.4	460.8	0.08	97.82
60.0-60.5	8.0	0.4	461.2	0.08	97.90
60.5-61.0	7.8	0.4	461.6	0.08	97.98
61.0-61.5	7.6	0.4	461.9	0.08	98.05
61.5-62.0	7.4	0.4	462.3	0.08	98.13
62.0-62.5	7.2	0.4	462.6	0.07	98.20
62.5-63.0	7.0	0.3	463.0	0.07	98.28
63.0-63.5	6.8	0.3	463.3	0.07	98.35
63.5-64.0	6.7	0.3	463.6	0.07	98.42
64.0-64.5	6.5	0.3	464.0	0.07	98.48
64.5-65.0	6.3	0.3	464.3	0.07	98.55
65.0-65.5	6.1	0.3	464.6	0.06	98.62
65.5-66.0	6.0	0.3	464.9	0.06	98.68
66.0-66.5	5.8	0.3	465.2	0.06	98.74
66.5-67.0	5.6	0.3	465.4	0.06	98.80
67.0-67.5	5.4	0.3	465.7	0.06	98.86
67.5-68.0	5.3	0.3	466.0	0.06	98.92
68.0-68.5	5.1	0.3	466.2	0.05	98.97
68.5-69.0	4.9	0.2	466.5	0.05	99.02
69.0-69.5	4.7	0.2	466.7	0.05	99.07
69.5-70.0	4.5	0.2	467.0	0.05	99.12
70.0-70.5	4.4	0.2	467.2	0.05	99.17
70.5-71.0	4.2	0.2	467.4	0.05	99.22
71.0-71.5	4.1	0.2	467.6	0.04	99.26
71.5-72.0	3.9	0.2	467.8	0.04	99.31

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
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Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 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 [%]
72.0-72.5	3.8	0.2	468.0	0.04	99.35
72.5-73.0	3.6	0.2	468.2	0.04	99.39
73.0-73.5	3.5	0.2	468.4	0.04	99.43
73.5-74.0	3.4	0.2	468.6	0.04	99.47
74.0-74.5	3.2	0.2	468.8	0.04	99.50
74.5-75.0	3.1	0.2	468.9	0.04	99.54
75.0-75.5	3.0	0.2	469.1	0.03	99.57
75.5-76.0	2.9	0.2	469.2	0.03	99.60
76.0-76.5	2.8	0.1	469.4	0.03	99.63
76.5-77.0	2.6	0.1	469.5	0.03	99.66
77.0-77.5	2.5	0.1	469.7	0.03	99.69
77.5-78.0	2.4	0.1	469.8	0.03	99.72
78.0-78.5	2.3	0.1	469.9	0.03	99.75
78.5-79.0	2.1	0.1	470.0	0.02	99.77
79.0-79.5	2.0	0.1	470.1	0.02	99.79
79.5-80.0	1.9	0.1	470.2	0.02	99.82
80.0-80.5	1.8	0.1	470.3	0.02	99.84
80.5-81.0	1.7	0.1	470.4	0.02	99.86
81.0-81.5	1.6	0.1	470.5	0.02	99.87
81.5-82.0	1.4	0.1	470.6	0.02	99.89
82.0-82.5	1.3	0.1	470.7	0.02	99.91
82.5-83.0	1.2	0.1	470.7	0.01	99.92
83.0-83.5	1.1	0.1	470.8	0.01	99.93
83.5-84.0	1.0	0.1	470.8	0.01	99.94
84.0-84.5	0.9	0.0	470.9	0.01	99.95
84.5-85.0	0.7	0.0	470.9	0.01	99.96
85.0-85.5	0.6	0.0	471.0	0.01	99.97
85.5-86.0	0.5	0.0	471.0	0.01	99.97
86.0-86.5	0.4	0.0	471.0	0.00	99.98
86.5-87.0	0.3	0.0	471.0	0.00	99.98
87.0-87.5	0.2	0.0	471.0	0.00	99.98
87.5-88.0	0.2	0.0	471.0	0.00	99.99
88.0-88.5	0.1	0.0	471.0	0.00	99.99
88.5-89.0	0.1	0.0	471.0	0.00	99.99
89.0-89.5	0.1	0.0	471.0	0.00	99.99
89.5-90.0	0.1	0.0	471.1	0.00	99.99

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G0.0	2557.4	2537.2	2557.8	2546.6	2546.1	2535.0	2557.4	2537.2	2557.8	2546.6
G0.5	2571.9	2554.4	2566.8	2556.2	2538.8	2516.7	2531.6	2513.9	2532.4	2528.7
G1.0	2574.6	2584.0	2576.2	2553.4	2516.7	2497.4	2495.2	2476.9	2515.5	2514.7
G1.5	2568.9	2587.4	2574.4	2554.9	2490.4	2459.0	2460.4	2440.6	2465.5	2478.3
G2.0	2567.1	2590.1	2565.4	2527.0	2469.5	2427.9	2419.9	2396.8	2439.9	2448.4
G2.5	2550.3	2577.5	2538.4	2512.0	2419.9	2375.4	2373.6	2346.1	2387.5	2412.6
G3.0	2535.0	2566.6	2525.5	2478.3	2387.3	2329.3	2327.7	2293.1	2339.8	2374.6
G3.5	2504.0	2539.9	2492.4	2447.6	2325.6	2270.2	2267.5	2219.1	2286.3	2321.6
G4.0	2468.7	2515.2	2463.8	2398.9	2279.5	2211.2	2207.1	2166.9	2227.9	2266.3
G4.5	2438.8	2484.6	2410.1	2347.9	2223.8	2143.5	2132.8	2088.4	2167.0	2212.0
G5.0	2384.9	2434.3	2361.7	2287.0	2145.0	2073.8	2068.0	2024.3	2097.8	2138.2
G5.5	2326.3	2388.9	2297.1	2231.6	2072.4	2002.6	1992.8	1947.0	2025.5	2071.6
G6.0	2275.8	2330.3	2235.7	2151.6	1987.4	1922.0	1913.3	1869.2	1948.2	2001.1
G6.5	2207.3	2268.1	2163.0	2073.2	1906.1	1842.3	1832.5	1788.3	1871.8	1919.3
G7.0	2137.4	2203.0	2090.0	1991.5	1825.9	1753.8	1754.8	1705.8	1785.2	1841.2
G7.5	2060.6	2121.6	2006.8	1907.6	1733.5	1672.7	1666.1	1616.1	1702.0	1754.4
G8.0	1984.0	2046.8	1926.7	1821.6	1649.6	1584.8	1581.4	1520.0	1619.7	1672.4
G8.5	1900.9	1964.4	1835.7	1739.2	1570.7	1489.8	1492.8	1445.6	1529.6	1580.4
G9.0	1820.2	1884.8	1750.6	1651.7	1475.6	1405.9	1412.6	1352.2	1445.8	1497.1
G9.5	1738.9	1788.9	1665.6	1571.3	1397.5	1320.3	1325.3	1263.4	1356.1	1413.2
G10.0	1644.9	1702.5	1566.1	1479.5	1301.4	1241.2	1234.1	1186.1	1271.0	1327.8
G10.5	1557.5	1626.8	1481.7	1396.0	1214.5	1149.6	1152.4	1105.6	1188.8	1245.6
G11.0	1471.8	1528.2	1388.9	1318.5	1140.3	1071.2	1078.4	1026.4	1104.5	1160.9
G11.5	1374.3	1441.3	1299.2	1222.9	1056.3	989.8	991.1	941.2	1023.0	1079.1
G12.0	1292.1	1349.9	1216.2	1137.9	975.4	915.0	913.2	868.5	950.5	1002.8
G12.5	1205.2	1267.6	1139.9	1055.7	900.1	847.7	840.1	800.5	877.7	921.7
G13.0	1116.4	1188.8	1056.7	974.4	825.7	774.2	776.4	732.1	801.8	848.8
G13.5	1039.9	1099.0	979.3	900.5	757.5	709.3	714.5	670.2	737.5	780.0
G14.0	959.2	1026.5	905.6	823.9	692.4	648.2	648.9	607.3	668.6	713.8
G14.5	884.1	947.5	837.4	761.2	636.2	590.3	592.3	554.3	612.5	657.6
G15.0	810.4	873.4	767.5	699.7	576.3	540.8	538.8	501.2	556.8	593.4
G15.5	743.3	802.0	703.3	640.7	527.7	488.5	488.4	453.1	502.9	541.0
G16.0	679.5	735.9	641.0	584.4	475.6	442.4	441.7	407.4	456.6	488.5
G16.5	622.6	674.8	589.9	534.2	435.3	400.3	402.0	370.8	412.1	446.2
G17.0	574.0	618.3	537.5	485.8	394.7	364.0	363.9	331.2	371.8	403.6
G17.5	518.4	567.8	491.7	442.6	354.9	329.1	328.7	300.3	333.3	360.9
G18.0	476.8	515.6	450.7	400.2	322.9	298.1	296.9	269.6	300.8	327.2

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G18.5	431.9	470.0	410.4	365.4	293.1	269.8	268.3	245.0	273.1	297.6
G19.0	394.8	428.6	376.2	332.5	267.6	246.1	244.4	221.6	246.4	268.3
G19.5	359.7	389.3	340.3	303.3	244.3	223.5	222.8	201.8	224.2	242.0
G20.0	328.0	354.8	311.7	275.7	221.4	203.0	202.7	182.9	203.3	220.3
G20.5	299.8	322.9	285.3	250.5	204.0	185.2	183.8	167.2	185.7	200.1
G21.0	273.2	296.3	260.8	228.9	185.1	169.1	166.5	151.3	169.4	182.3
G21.5	249.3	270.3	238.6	208.6	168.4	154.6	153.3	138.1	153.0	166.0
G22.0	227.5	245.4	216.7	190.8	152.8	140.6	138.3	125.5	140.0	151.1
G22.5	208.0	225.3	198.5	173.6	139.3	127.6	126.2	114.8	126.7	138.6
G23.0	189.4	207.4	180.2	158.9	126.6	117.7	116.0	104.8	116.3	128.4
G23.5	172.2	188.2	165.2	144.9	116.0	108.3	105.8	95.6	106.5	116.5
G24.0	158.3	171.5	149.7	131.2	105.1	99.0	96.8	87.3	96.7	106.4
G24.5	144.1	156.6	136.4	120.0	96.7	90.6	88.8	80.3	88.5	98.1
G25.0	131.5	143.5	124.2	109.7	88.5	83.3	81.4	73.8	81.1	90.3
G25.5	119.7	130.9	113.2	100.8	80.8	77.0	74.8	68.0	74.1	83.4
G26.0	109.7	119.6	103.5	91.4	74.0	70.5	68.8	62.7	67.9	76.1
G26.5	100.4	109.8	95.3	84.1	67.9	65.2	62.9	58.1	62.5	71.0
G27.0	92.0	100.2	87.2	77.2	62.8	60.2	58.1	53.5	57.6	65.6
G27.5	84.5	92.0	79.3	70.3	57.8	55.3	53.7	49.6	53.0	60.3
G28.0	77.6	84.3	73.0	64.4	53.4	50.8	49.4	45.6	48.8	55.6
G28.5	71.2	77.1	66.5	58.9	49.2	46.9	45.8	42.6	45.4	51.4
G29.0	65.0	71.3	61.2	54.4	45.3	43.3	42.7	39.8	42.2	47.0
G29.5	59.7	65.2	56.7	50.1	42.1	39.9	39.7	36.7	39.4	43.8
G30.0	55.1	60.0	52.1	46.3	39.3	37.3	37.2	34.3	36.7	40.5
G30.5	50.9	55.0	48.5	42.9	36.5	34.6	34.6	32.1	34.1	37.9
G31.0	47.3	50.9	45.0	39.7	34.0	32.1	32.6	30.3	32.0	35.2
G31.5	43.5	47.3	41.8	36.8	31.9	30.3	30.5	28.4	30.3	32.7
G32.0	40.2	43.6	38.7	34.3	29.9	28.5	28.5	26.9	28.5	30.7
G32.5	37.7	40.5	36.0	31.9	27.9	26.9	27.2	25.3	27.1	29.1
G33.0	34.8	37.8	33.8	30.1	26.5	25.5	25.7	24.3	25.7	27.3
G33.5	32.6	35.2	31.6	28.2	25.3	24.6	24.6	23.1	24.3	25.7
G34.0	30.3	32.7	29.6	26.5	23.9	23.1	23.4	21.8	23.1	24.2
G34.5	28.9	30.7	27.8	25.3	22.8	22.2	22.1	21.0	21.9	23.0
G35.0	27.0	29.2	26.0	24.0	21.8	21.1	21.0	20.1	20.9	21.8
G35.5	25.9	27.6	24.5	23.1	21.2	20.4	20.3	19.4	19.9	20.9
G36.0	24.5	26.0	23.5	22.1	20.3	19.7	19.7	18.6	19.0	19.9
G36.5	23.6	24.9	22.4	21.4	19.7	19.0	19.0	18.1	18.4	19.4

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G37.0	22.5	23.6	21.5	20.6	18.8	18.3	18.3	17.5	18.0	18.6
G37.5	21.6	22.5	20.6	20.2	18.3	17.7	17.8	16.9	17.3	18.1
G38.0	21.0	21.6	19.8	19.6	17.7	17.4	17.5	16.4	16.9	17.4
G38.5	20.3	20.6	19.4	19.1	17.4	17.0	17.0	16.0	16.7	17.0
G39.0	19.7	20.1	19.0	18.6	17.1	16.7	16.7	15.5	16.1	16.5
G39.5	19.1	19.5	18.5	18.1	16.9	16.2	16.3	15.1	15.8	16.2
G40.0	18.6	18.8	18.2	17.8	16.5	16.0	16.0	14.9	15.5	15.8
G40.5	18.2	18.4	18.1	17.4	16.2	15.6	15.5	14.7	15.3	15.5
G41.0	17.6	18.0	17.7	17.0	16.0	15.3	15.3	14.6	14.9	15.4
G41.5	17.4	17.7	17.5	16.8	15.5	15.0	15.0	14.3	14.8	15.3
G42.0	16.9	17.4	17.3	16.5	15.4	14.7	14.8	14.2	14.3	14.9
G42.5	16.7	17.1	16.9	16.3	15.0	14.6	14.7	13.8	14.1	14.7
G43.0	16.3	16.8	16.7	15.8	14.7	14.2	14.1	13.6	13.7	14.6
G43.5	16.1	16.5	16.3	15.6	14.4	14.0	14.0	13.4	13.5	14.2
G44.0	15.6	16.4	15.8	15.4	14.1	13.8	13.8	13.0	13.4	13.7
G44.5	15.3	16.1	15.5	15.0	13.8	13.5	13.6	12.7	13.0	13.6
G45.0	15.0	15.8	15.3	14.7	13.6	13.3	13.4	12.7	12.8	13.3
G45.5	14.8	15.5	14.9	14.4	13.4	13.0	12.9	12.3	12.4	12.9
G46.0	14.4	15.3	14.7	14.2	13.0	13.0	12.7	12.0	12.4	12.9
G46.5	14.2	14.9	14.3	13.8	12.8	12.8	12.6	11.9	12.0	12.7
G47.0	13.8	14.7	14.0	13.6	12.7	12.6	12.4	11.6	11.7	12.3
G47.5	13.6	14.3	13.7	13.5	12.4	12.3	12.1	11.4	11.6	12.1
G48.0	13.4	14.1	13.5	13.0	12.3	12.1	12.0	11.1	11.5	11.9
G48.5	13.1	13.8	13.3	12.9	12.1	12.0	11.9	11.0	11.4	11.5
G49.0	13.0	13.5	13.0	12.6	12.0	11.7	11.6	10.9	11.0	11.4
G49.5	12.8	13.3	12.9	12.4	11.7	11.6	11.4	10.8	11.0	11.1
G50.0	12.6	13.0	12.7	12.2	11.6	11.4	11.3	10.6	10.8	11.1
G50.5	12.2	12.8	12.6	12.1	11.5	11.1	11.0	10.4	10.6	11.0
G51.0	12.1	12.6	12.2	11.9	11.4	11.1	10.9	10.3	10.6	10.9
G51.5	11.9	12.3	12.1	11.6	11.1	10.8	10.8	10.1	10.4	10.8
G52.0	11.6	12.1	12.0	11.4	11.0	10.6	10.6	10.1	10.2	10.6
G52.5	11.5	11.9	11.7	11.3	10.8	10.4	10.4	9.9	10.1	10.3
G53.0	11.1	11.7	11.4	11.0	10.6	10.3	10.2	9.7	10.0	10.1
G53.5	11.0	11.4	11.1	10.9	10.2	10.1	9.9	9.6	9.7	10.0
G54.0	10.7	11.1	11.0	10.6	10.1	10.0	9.7	9.5	9.7	9.7
G54.5	10.6	11.0	10.8	10.4	9.9	9.7	9.6	9.4	9.5	9.7
G55.0	10.4	10.8	10.3	10.3	9.6	9.5	9.4	9.1	9.1	9.5

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G55.5	10.3	10.6	10.2	10.0	9.4	9.3	9.1	8.9	9.1	9.4
G56.0	10.0	10.3	10.0	9.7	9.3	9.1	9.0	8.8	9.0	9.1
G56.5	9.7	10.1	9.9	9.5	9.0	9.0	8.9	8.6	8.8	9.0
G57.0	9.5	9.9	9.5	9.3	8.9	8.8	8.8	8.4	8.7	8.9
G57.5	9.4	9.6	9.4	9.1	8.7	8.7	8.6	8.2	8.7	8.8
G58.0	9.1	9.4	9.1	9.0	8.4	8.4	8.4	8.1	8.4	8.6
G58.5	8.9	9.1	9.0	8.3	8.2	8.3	8.2	8.0	8.3	8.4
G59.0	8.8	9.0	8.7	8.7	8.0	8.1	8.1	7.9	8.2	8.3
G59.5	8.4	8.8	8.6	8.3	7.7	7.9	7.9	7.6	7.9	8.2
G60.0	8.3	8.6	8.3	8.3	7.6	7.6	7.9	7.4	7.7	8.1
G60.5	8.1	8.3	8.2	8.1	7.5	7.4	7.6	7.3	7.6	7.9
G61.0	8.0	8.1	7.9	7.9	7.2	7.3	7.5	7.2	7.5	7.6
G61.5	7.7	7.9	7.6	7.6	7.0	7.0	7.3	6.9	7.3	7.5
G62.0	7.5	7.7	7.5	7.5	6.9	7.0	7.2	6.9	7.2	7.4
G62.5	7.3	7.5	7.3	7.3	6.7	6.8	6.9	6.7	7.0	7.2
G63.0	7.2	7.3	7.2	6.9	6.4	6.6	6.7	6.4	6.8	7.0
G63.5	6.9	7.0	6.9	6.8	6.3	6.3	6.6	6.3	6.7	6.8
G64.0	6.8	6.9	6.6	6.7	6.1	6.2	6.4	6.3	6.4	6.7
G64.5	6.6	6.7	6.4	6.4	6.0	6.1	6.2	6.1	6.2	6.4
G65.0	6.4	6.6	6.2	6.2	5.8	6.1	6.1	6.0	6.1	6.3
G65.5	6.2	6.2	6.1	6.1	5.6	5.9	5.9	5.9	6.0	6.1
G66.0	6.0	6.1	5.9	5.9	5.5	5.6	5.8	5.6	5.9	6.0
G66.5	5.8	6.0	5.8	5.6	5.3	5.5	5.5	5.5	5.6	5.8
G67.0	5.8	5.8	5.5	5.5	5.0	5.3	5.4	5.4	5.4	5.6
G67.5	5.6	5.4	5.3	5.3	4.9	5.2	5.3	5.2	5.4	5.4
G68.0	5.3	5.4	5.2	5.4	4.7	4.9	5.0	5.0	5.0	5.2
G68.5	5.0	5.2	4.9	4.9	4.6	4.7	4.9	4.8	4.9	5.0
G69.0	4.9	5.0	4.7	4.7	4.3	4.6	4.8	4.7	4.7	4.9
G69.5	4.8	4.8	4.6	4.6	4.2	4.3	4.6	4.5	4.6	4.7
G70.0	4.6	4.7	4.3	4.5	4.1	4.2	4.5	4.3	4.5	4.6
G70.5	4.5	4.5	4.1	4.3	4.0	4.1	4.3	4.1	4.3	4.3
G71.0	4.3	4.3	4.0	4.1	3.9	4.0	4.1	4.0	4.2	4.2
G71.5	4.1	4.2	3.9	3.9	3.6	3.8	4.0	3.9	4.0	4.1
G72.0	4.0	4.0	3.8	3.8	3.5	3.6	4.0	3.8	3.9	4.0
G72.5	3.9	3.9	3.6	3.5	3.4	3.4	3.9	3.6	3.9	3.8
G73.0	3.8	3.6	3.4	3.4	3.3	3.4	3.6	3.4	3.6	3.6
G73.5	3.5	3.6	3.3	3.4	3.0	3.4	3.5	3.4	3.6	3.5

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G74.0	3.4	3.4	3.2	3.2	3.0	3.0	3.4	3.3	3.4	3.4
G74.5	3.3	3.3	3.0	3.0	2.9	3.0	3.2	3.2	3.3	3.3
G75.0	3.2	3.2	2.9	2.9	2.8	2.9	3.2	3.0	3.2	3.2
G75.5	3.2	3.0	2.8	2.7	2.6	2.8	3.0	2.9	3.0	3.0
G76.0	2.9	2.9	2.6	2.7	2.5	2.7	2.9	2.8	2.9	2.8
G76.5	2.8	2.8	2.6	2.5	2.5	2.6	2.9	2.7	2.8	2.7
G77.0	2.7	2.6	2.5	2.5	2.2	2.5	2.7	2.6	2.7	2.6
G77.5	2.6	2.5	2.3	2.2	2.2	2.2	2.6	2.5	2.5	2.5
G78.0	2.5	2.3	2.1	2.1	2.0	2.1	2.5	2.2	2.3	2.5
G78.5	2.3	2.2	2.0	2.0	1.9	2.0	2.3	2.2	2.3	2.2
G79.0	2.2	2.1	1.9	1.9	1.8	2.0	2.2	2.1	2.2	2.1
G79.5	2.1	2.1	1.8	1.8	1.6	1.8	2.1	2.1	2.1	2.0
G80.0	2.0	2.0	1.8	1.6	1.5	1.8	2.0	1.9	1.9	1.9
G80.5	2.0	1.8	1.6	1.5	1.4	1.6	1.9	1.6	1.9	1.8
G81.0	1.9	1.8	1.5	1.4	1.3	1.5	1.8	1.5	1.6	1.8
G81.5	1.6	1.6	1.3	1.3	1.2	1.3	1.6	1.5	1.6	1.5
G82.0	1.5	1.5	1.3	1.1	1.1	1.2	1.5	1.4	1.4	1.5
G82.5	1.4	1.4	1.2	1.1	0.8	1.1	1.4	1.2	1.3	1.3
G83.0	1.3	1.3	1.1	1.1	0.8	1.1	1.3	1.2	1.2	1.2
G83.5	1.2	1.2	0.8	0.8	0.7	0.8	1.3	0.9	0.9	1.1
G84.0	1.2	1.1	0.7	0.7	0.6	0.7	1.2	0.8	0.9	0.9
G84.5	1.1	0.9	0.7	0.6	0.5	0.6	0.9	0.7	0.8	0.7
G85.0	0.9	0.7	0.5	0.5	0.3	0.5	0.8	0.7	0.7	0.6
G85.5	0.7	0.7	0.5	0.3	0.2	0.2	0.7	0.5	0.5	0.5
G86.0	0.7	0.6	0.2	0.1	0.1	0.2	0.6	0.3	0.5	0.3
G86.5	0.7	0.5	0.2	0.1	0.1	0.1	0.6	0.3	0.3	0.2
G87.0	0.5	0.3	0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.1
G87.5	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
G88.0	0.3	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0
G88.5	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0
G89.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1
G89.5	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
G90.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.1

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	2546.1	2535.0	2557.4							
G0.5	2543.1	2545.9	2571.9							
G1.0	2537.8	2548.5	2574.6							
G1.5	2523.9	2549.7	2568.9							
G2.0	2502.9	2537.5	2567.1							
G2.5	2475.6	2519.5	2550.3							
G3.0	2450.9	2498.3	2535.0							
G3.5	2417.4	2467.1	2504.0							
G4.0	2371.7	2434.9	2468.7							
G4.5	2322.8	2388.1	2438.8							
G5.0	2280.9	2351.8	2384.9							
G5.5	2215.7	2287.1	2326.3							
G6.0	2150.1	2229.3	2275.8							
G6.5	2083.6	2163.4	2207.3							
G7.0	2005.2	2103.1	2137.4							
G7.5	1930.1	2019.2	2060.6							
G8.0	1846.5	1940.3	1984.0							
G8.5	1767.3	1861.2	1900.9							
G9.0	1674.1	1774.8	1820.2							
G9.5	1588.7	1685.3	1738.9							
G10.0	1495.1	1599.6	1644.9							
G10.5	1414.0	1514.1	1557.5							
G11.0	1331.3	1429.2	1471.8							
G11.5	1235.2	1342.7	1374.3							
G12.0	1160.4	1253.3	1292.1							
G12.5	1077.8	1172.1	1205.2							
G13.0	1001.7	1092.5	1116.4							
G13.5	927.5	1007.3	1039.9							
G14.0	850.2	934.4	959.2							
G14.5	783.9	860.5	884.1							
G15.0	715.9	786.8	810.4							
G15.5	655.0	720.7	743.3							
G16.0	594.9	659.3	679.5							
G16.5	541.2	597.7	622.6							
G17.0	493.9	544.0	574.0							
G17.5	445.8	496.0	518.4							
G18.0	403.8	451.1	476.8							

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G18.5	365.3	410.3	431.9							
G19.0	331.1	373.2	394.8							
G19.5	299.5	338.6	359.7							
G20.0	273.2	305.6	328.0							
G20.5	248.7	280.1	299.8							
G21.0	227.2	252.0	273.2							
G21.5	207.9	230.1	249.3							
G22.0	188.4	210.9	227.5							
G22.5	172.5	192.3	208.0							
G23.0	157.3	175.5	189.4							
G23.5	143.2	161.1	172.2							
G24.0	131.4	145.9	158.3							
G24.5	120.3	134.2	144.1							
G25.0	110.9	122.7	131.5							
G25.5	101.1	112.9	119.7							
G26.0	93.0	103.6	109.7							
G26.5	85.1	95.5	100.4							
G27.0	78.6	88.1	92.0							
G27.5	71.9	81.1	84.5							
G28.0	66.3	74.7	77.6							
G28.5	61.1	69.0	71.2							
G29.0	56.8	63.8	65.0							
G29.5	52.6	58.7	59.7							
G30.0	48.7	53.8	55.1							
G30.5	44.8	49.9	50.9							
G31.0	42.1	46.2	47.3							
G31.5	39.2	42.5	43.5							
G32.0	36.7	39.9	40.2							
G32.5	34.0	36.6	37.7							
G33.0	31.7	34.1	34.8							
G33.5	29.9	31.6	32.6							
G34.0	28.0	29.5	30.3							
G34.5	26.5	27.6	28.9							
G35.0	25.1	26.0	27.0							
G35.5	23.8	24.5	25.9							
G36.0	22.5	23.2	24.5							
G36.5	21.6	22.3	23.6							

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	20.5	21.5	22.5							
G37.5	19.6	20.8	21.6							
G38.0	18.9	19.9	21.0							
G38.5	18.3	19.2	20.3							
G39.0	17.7	18.8	19.7							
G39.5	17.1	18.2	19.1							
G40.0	16.9	17.6	18.6							
G40.5	16.5	17.0	18.2							
G41.0	16.3	16.7	17.6							
G41.5	16.0	16.3	17.4							
G42.0	15.8	16.1	16.9							
G42.5	15.6	15.6	16.7							
G43.0	15.1	15.4	16.3							
G43.5	14.7	15.0	16.1							
G44.0	14.3	14.7	15.6							
G44.5	14.0	14.6	15.3							
G45.0	13.8	14.2	15.0							
G45.5	13.6	14.1	14.8							
G46.0	13.4	13.7	14.4							
G46.5	13.0	13.6	14.2							
G47.0	12.8	13.4	13.8							
G47.5	12.7	13.1	13.6							
G48.0	12.3	12.9	13.4							
G48.5	12.1	12.7	13.1							
G49.0	12.0	12.6	13.0							
G49.5	11.9	12.3	12.8							
G50.0	11.7	12.2	12.6							
G50.5	11.5	12.0	12.2							
G51.0	11.4	11.9	12.1							
G51.5	11.3	11.7	11.9							
G52.0	10.9	11.5	11.6							
G52.5	10.8	11.4	11.5							
G53.0	10.7	11.1	11.1							
G53.5	10.6	10.9	11.0							
G54.0	10.3	10.7	10.7							
G54.5	10.2	10.6	10.6							
G55.0	10.0	10.3	10.4							

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G55.5	9.9	10.1	10.3							
G56.0	9.7	10.0	10.0							
G56.5	9.5	9.7	9.7							
G57.0	9.1	9.5	9.5							
G57.5	9.1	9.3	9.4							
G58.0	9.0	9.1	9.1							
G58.5	8.7	8.9	8.9							
G59.0	8.6	8.8	8.8							
G59.5	8.4	8.6	8.4							
G60.0	8.2	8.4	8.3							
G60.5	8.0	8.3	8.1							
G61.0	7.9	8.1	8.0							
G61.5	7.6	8.0	7.7							
G62.0	7.4	7.7	7.5							
G62.5	7.3	7.4	7.3							
G63.0	7.2	7.3	7.2							
G63.5	6.9	7.0	6.9							
G64.0	6.8	6.9	6.8							
G64.5	6.6	6.7	6.6							
G65.0	6.3	6.6	6.4							
G65.5	6.1	6.4	6.2							
G66.0	6.0	6.2	6.0							
G66.5	5.8	6.0	5.8							
G67.0	5.6	5.8	5.8							
G67.5	5.5	5.6	5.6							
G68.0	5.4	5.4	5.3							
G68.5	5.2	5.3	5.0							
G69.0	4.9	5.2	4.9							
G69.5	4.8	5.0	4.8							
G70.0	4.5	4.8	4.6							
G70.5	4.3	4.7	4.5							
G71.0	4.2	4.5	4.3							
G71.5	4.1	4.3	4.1							
G72.0	4.0	4.1	4.0							
G72.5	3.8	4.0	3.9							
G73.0	3.6	3.8	3.8							
G73.5	3.5	3.8	3.5							

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	3.4	3.5	3.4							
G74.5	3.3	3.4	3.3							
G75.0	3.2	3.3	3.2							
G75.5	3.0	3.2	3.2							
G76.0	2.9	3.0	2.9							
G76.5	2.8	2.9	2.8							
G77.0	2.7	2.8	2.7							
G77.5	2.6	2.7	2.6							
G78.0	2.5	2.6	2.5							
G78.5	2.3	2.5	2.3							
G79.0	2.2	2.3	2.2							
G79.5	2.1	2.2	2.1							
G80.0	2.0	2.1	2.0							
G80.5	1.8	2.0	2.0							
G81.0	1.8	1.9	1.9							
G81.5	1.5	1.8	1.6							
G82.0	1.3	1.6	1.5							
G82.5	1.3	1.5	1.4							
G83.0	1.2	1.4	1.3							
G83.5	1.2	1.3	1.2							
G84.0	0.9	1.3	1.2							
G84.5	0.8	1.1	1.1							
G85.0	0.8	0.9	0.9							
G85.5	0.7	0.8	0.7							
G86.0	0.5	0.7	0.7							
G86.5	0.5	0.6	0.7							
G87.0	0.3	0.5	0.5							
G87.5	0.2	0.3	0.3							
G88.0	0.1	0.2	0.3							
G88.5	0.1	0.1	0.1							
G89.0	0.0	0.1	0.1							
G89.5	0.3	0.0	0.0							
G90.0	0.1	0.1	0.1							

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:0.5
 Test Device: GPM-1600L
 Distance: 8.177 m
 Humidity:
 Inspector: