

Report No.:

Test Time: 2015-05-12 13:36

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR0730KCFLBWU

Lumens per Lamp: 478.3 lm

Luminous Width (mm): 0 mm

Voltage: 12.1 V

Power: 7.50 W

Number of Lamps: 1

Luminous Length (mm): 0 mm

Luminous Height (mm): 0 mm

Current: 0.673 A

Power Factor: 0.917

## Photometric Results

CIE Class: Direct

Measurement Flux: 478.3 lm

Downward Ratio: 100.01%

Horizontal Diffuse Angle(10%,25%,50%,75%): H56.5,H46.9,H36.4,H25.2

Vertical Diffuse Angle(10%,25%,50%,75%): V56,V46.7,V36.9,V26.6

Luminaire Efficacy Rating (LER): 64

Max. Intensity: 1234.74 cd

Total Rated Lamp Lumens: 478.3 lm

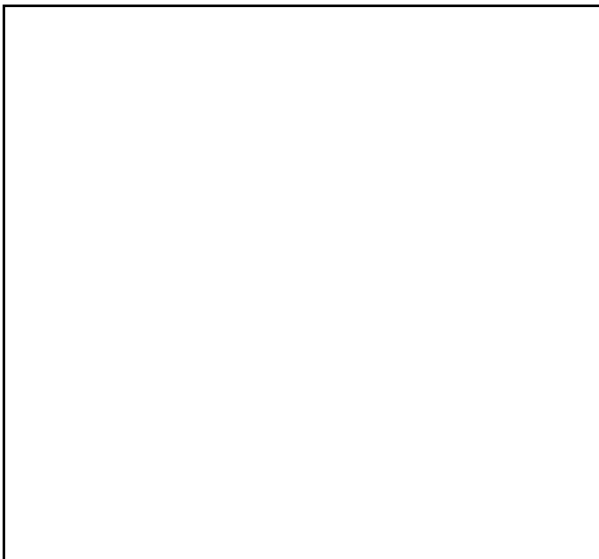
Efficiency: 100.01%

Upward Ratio: 0.00%

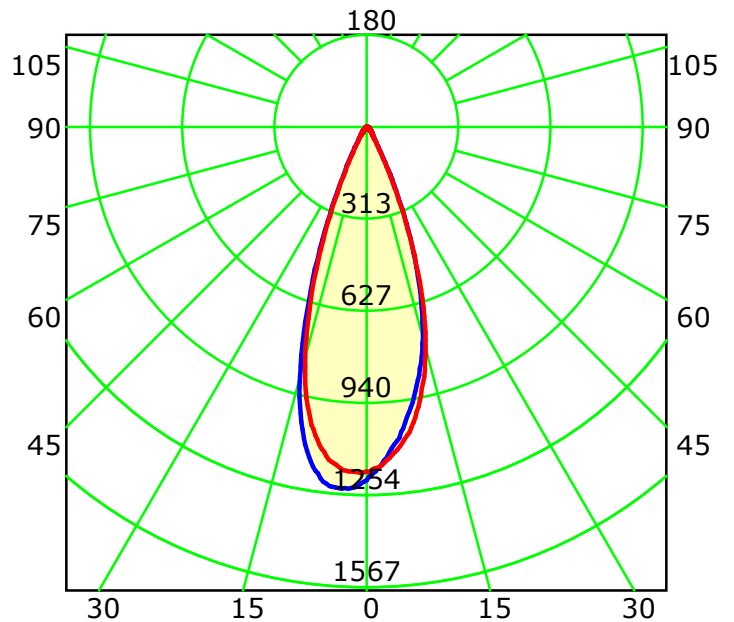
Central Intensity: 1202.62 cd

Pos of Max. Intensity: H180 V4

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 36.7° 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

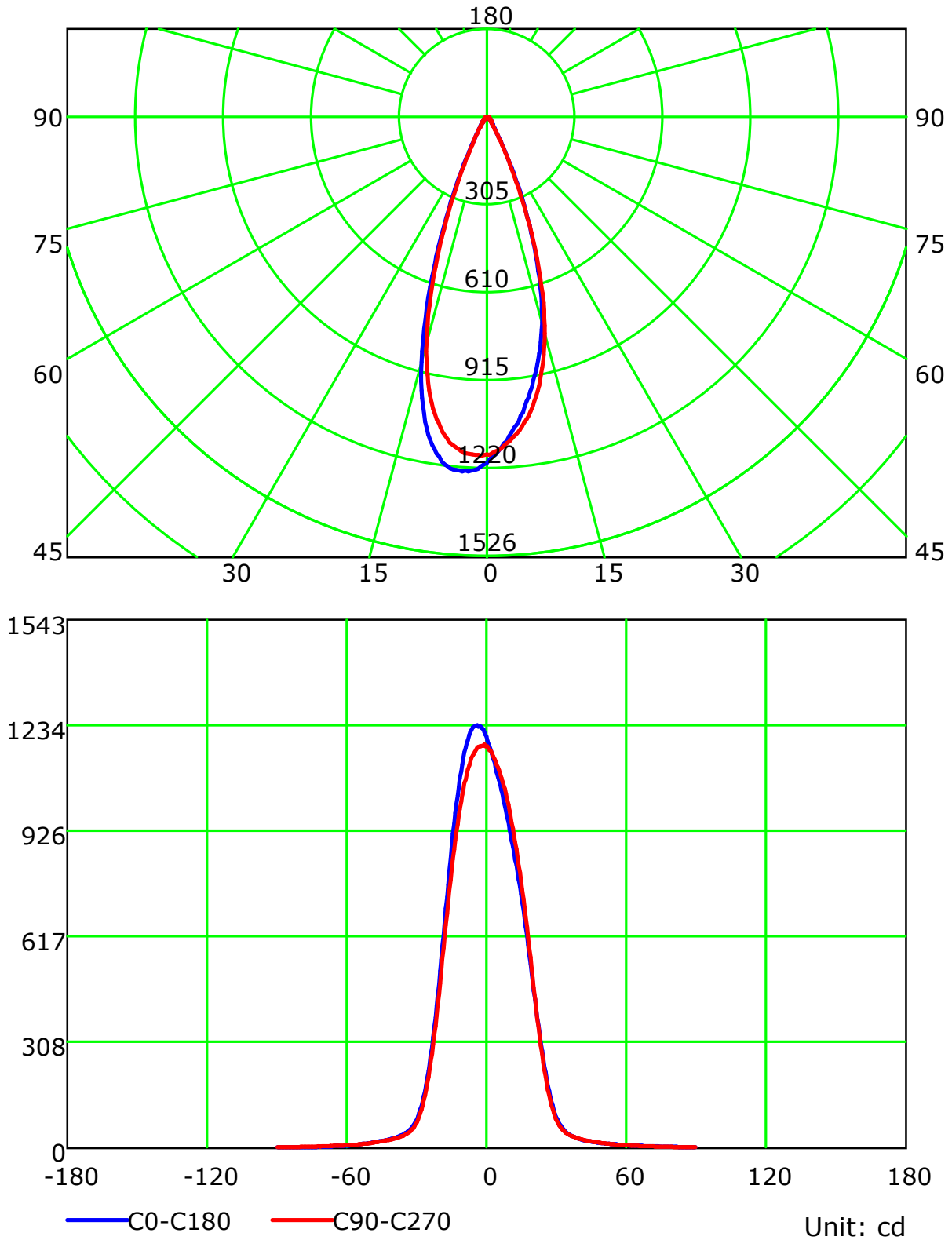
Test Device: GPM-1600L

Distance: 8.177 m

Humidity:

Inspector:

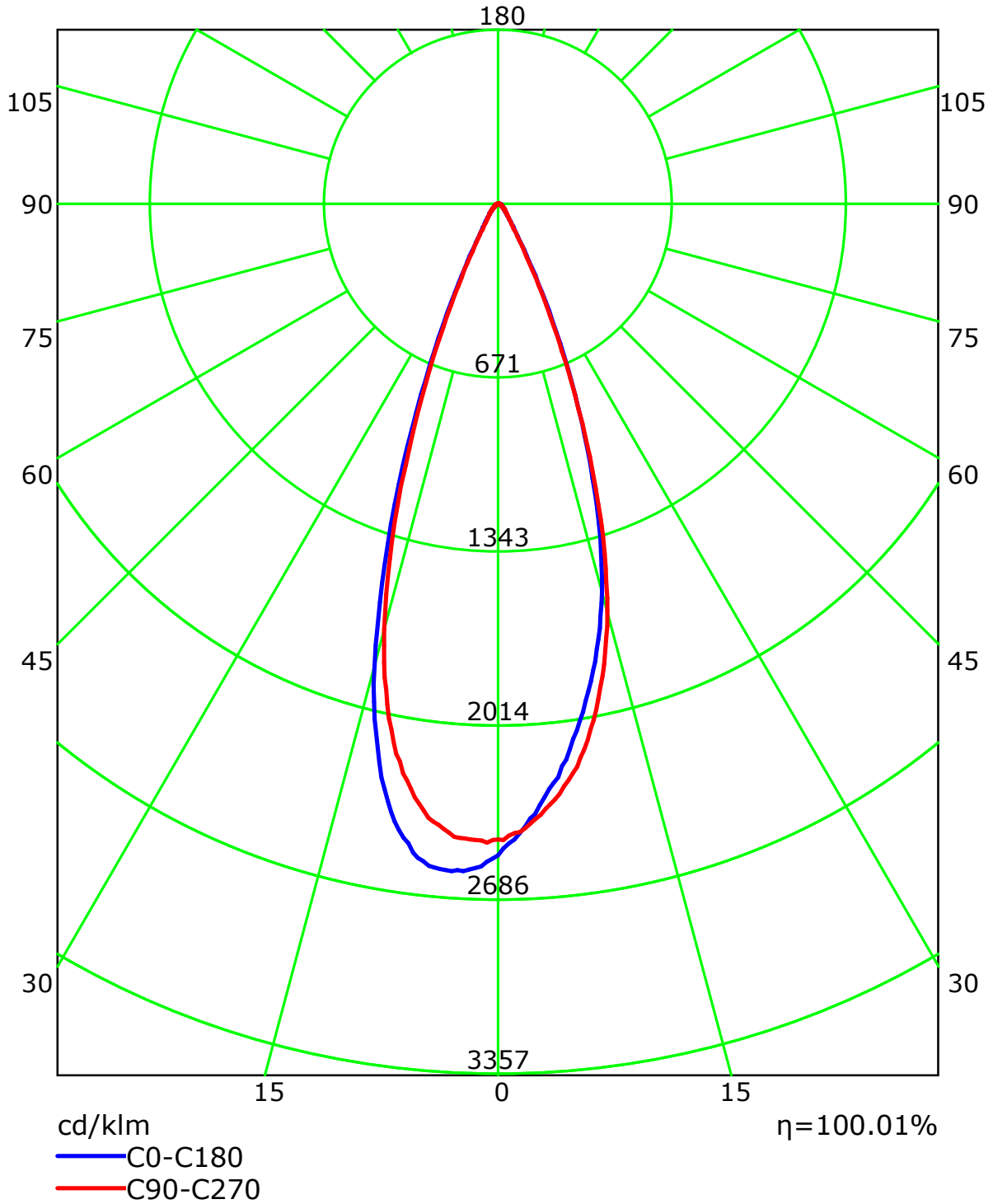
## Luminous Intensity Distribution Curve



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)



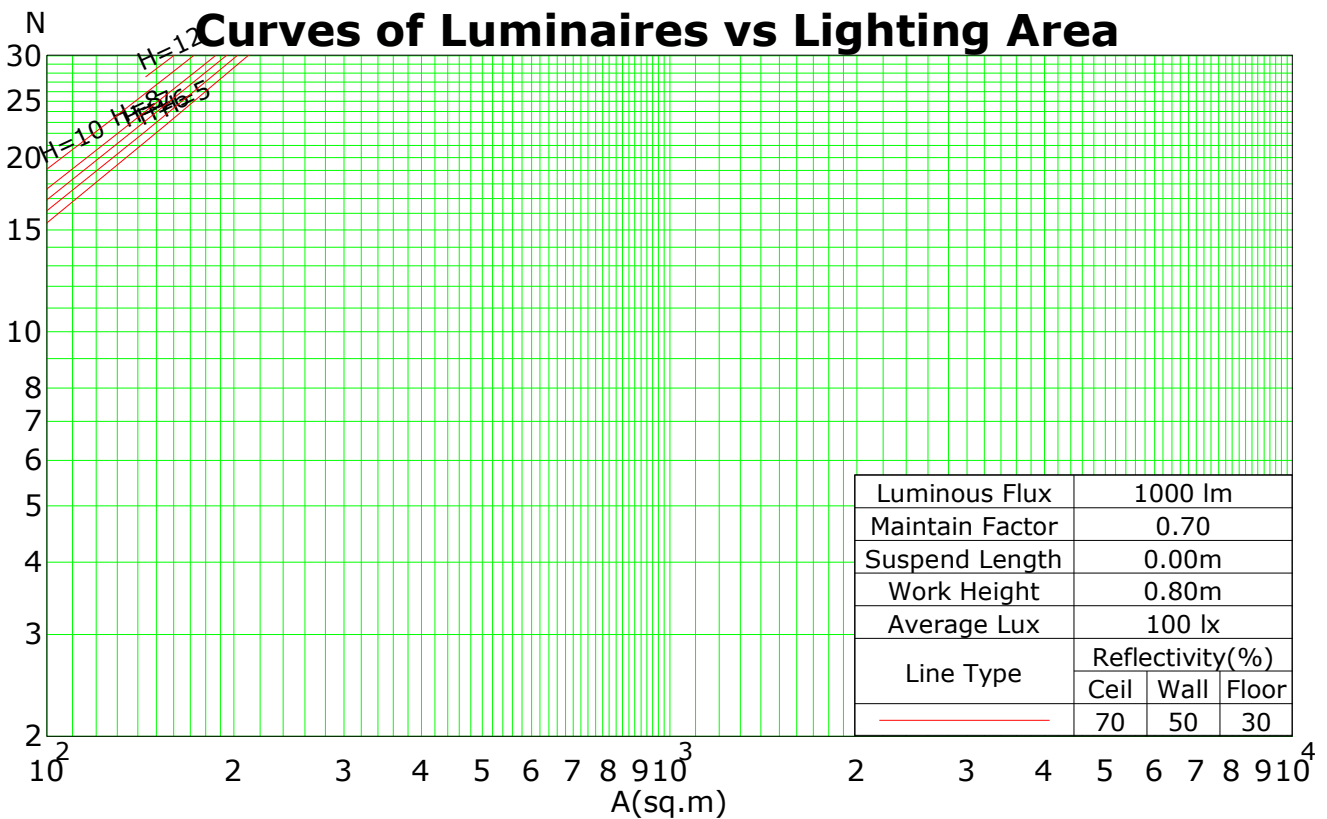
C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:0.5  
 Test Device: GPM-1600L  
 Distance: 8.177 m  
 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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	105	102	99	108	104	101	98	101	98	96	98	96	94	95	93	92	90
3	105	100	96	92	103	99	95	92	96	93	90	94	91	89	91	89	87	86
4	101	95	90	87	100	94	90	86	92	88	85	90	87	84	88	85	83	82
5	97	90	86	82	96	90	85	82	88	84	81	86	83	80	85	82	80	78
6	94	86	82	78	93	86	81	78	84	80	77	83	79	77	82	79	76	75
7	90	83	78	74	89	82	78	74	81	77	74	80	76	74	79	76	73	72
8	87	80	75	71	86	79	74	71	78	74	71	77	73	71	76	73	70	69
9	84	76	72	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67
10	82	74	69	66	81	73	69	66	73	68	66	72	68	65	71	68	65	64

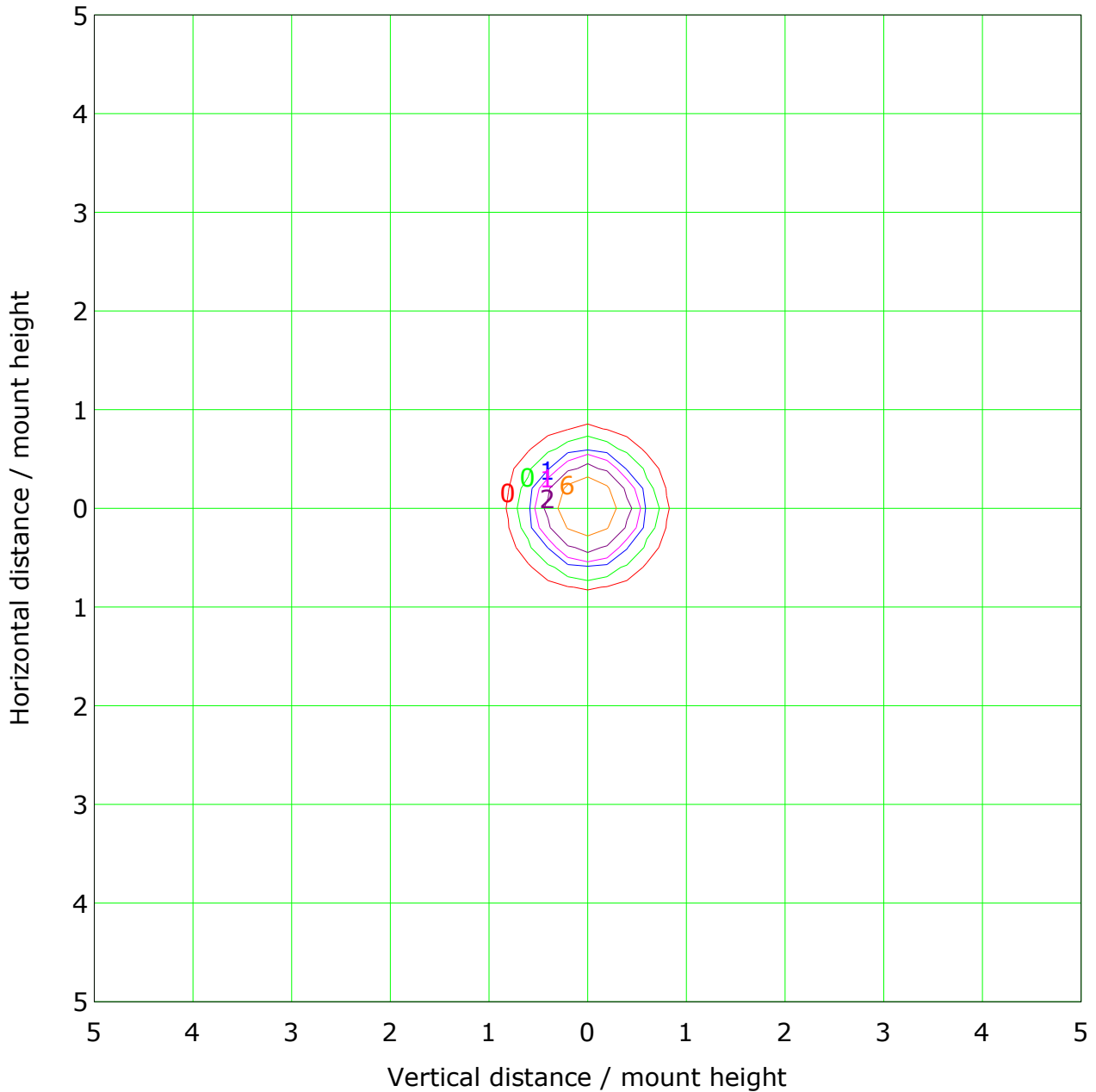
Spacing Criteria (0-180): 0.61  
 Spacing Criteria (90-270): 0.62  
 Spacing Criteria (Diagonal): 0.57



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



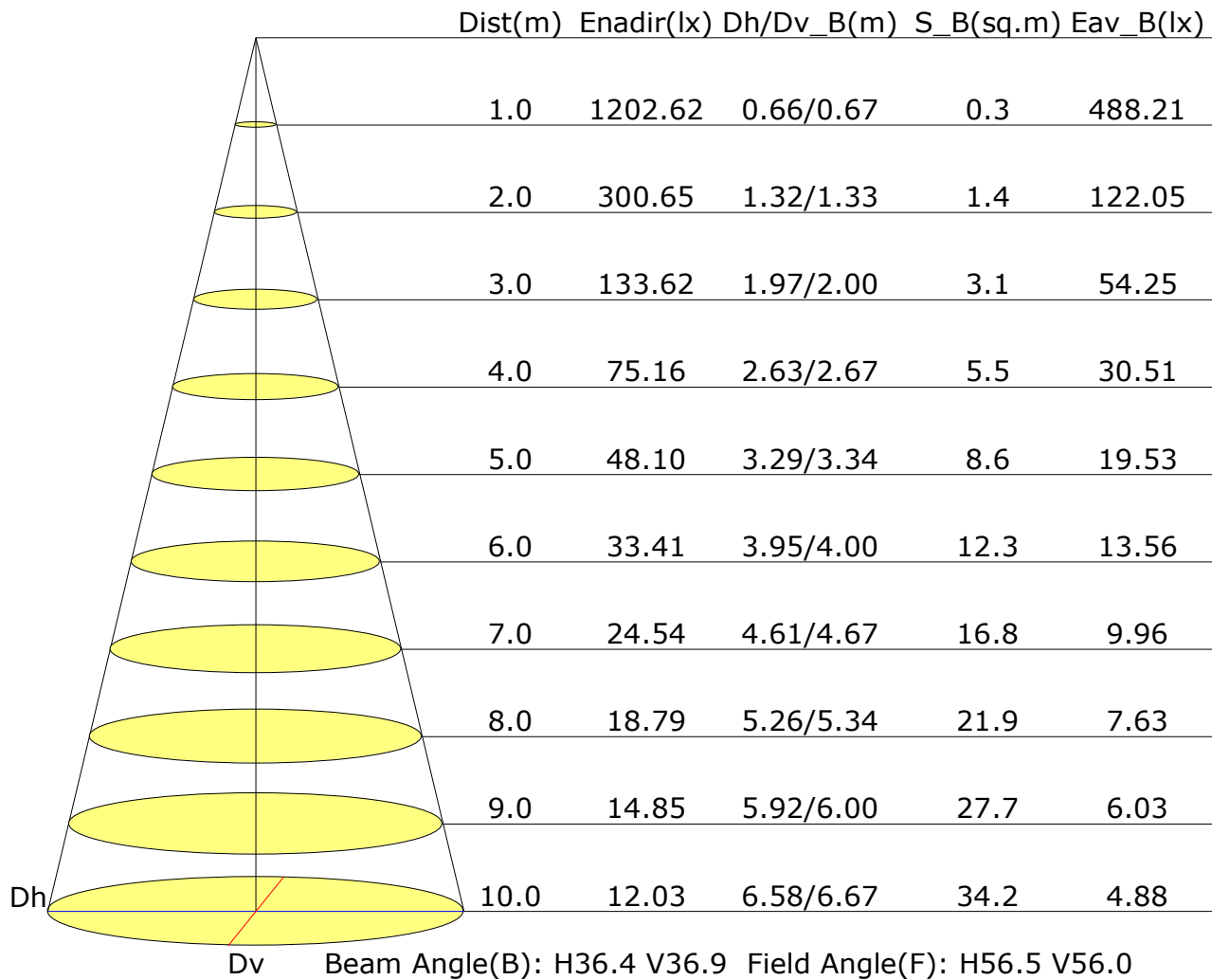
Mounting Height: 10.0m    Max Lux(100%): 12.3 lx

( 1%): 0.1 lx	( 2%): 0.2 lx
( 5%): 0.6 lx	( 10%): 1.2 lx
( 20%): 2.5 lx	( 50%): 6.1 lx
(100%): 12.3 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:

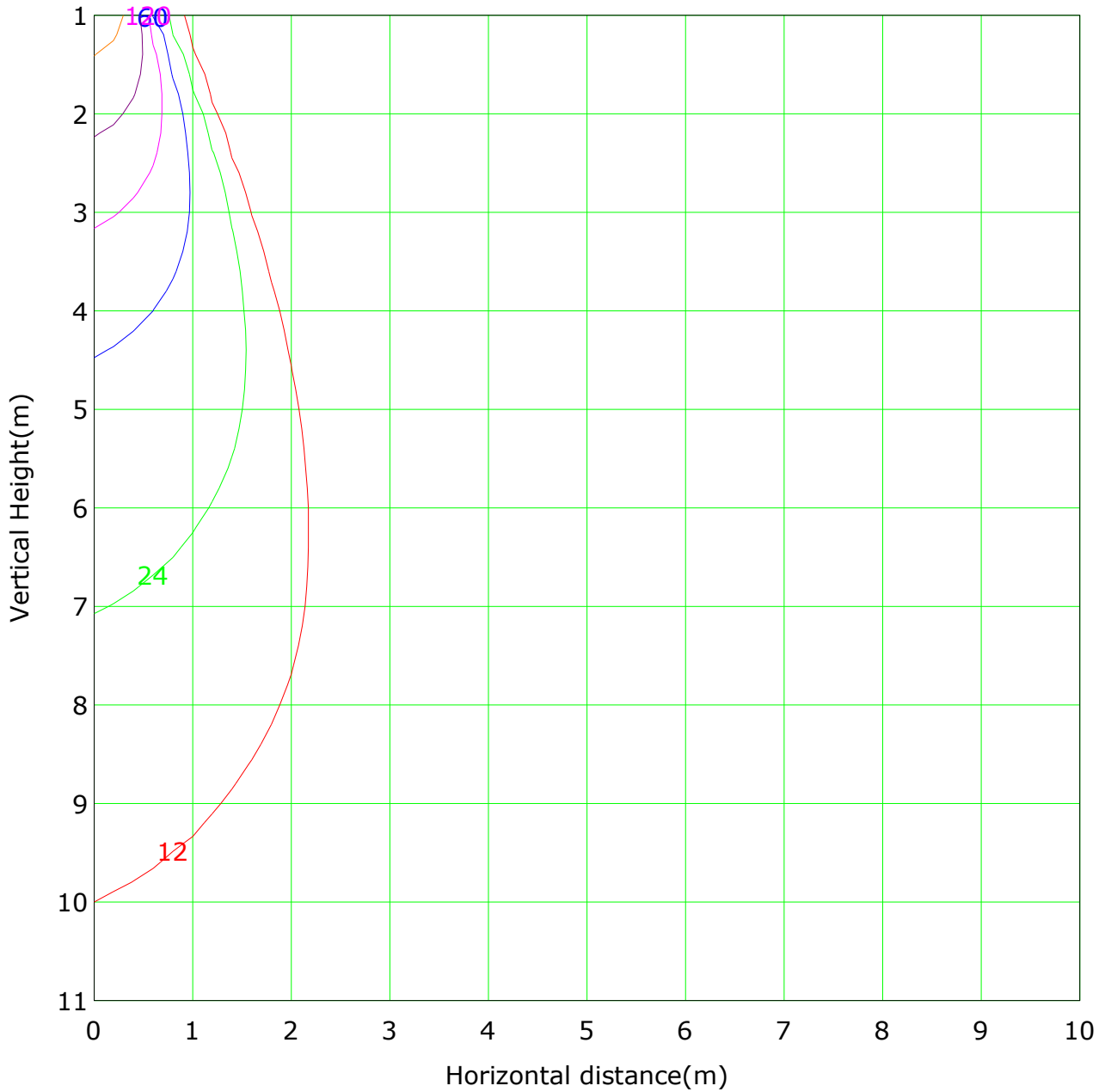
## Illuminance at a Distance



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



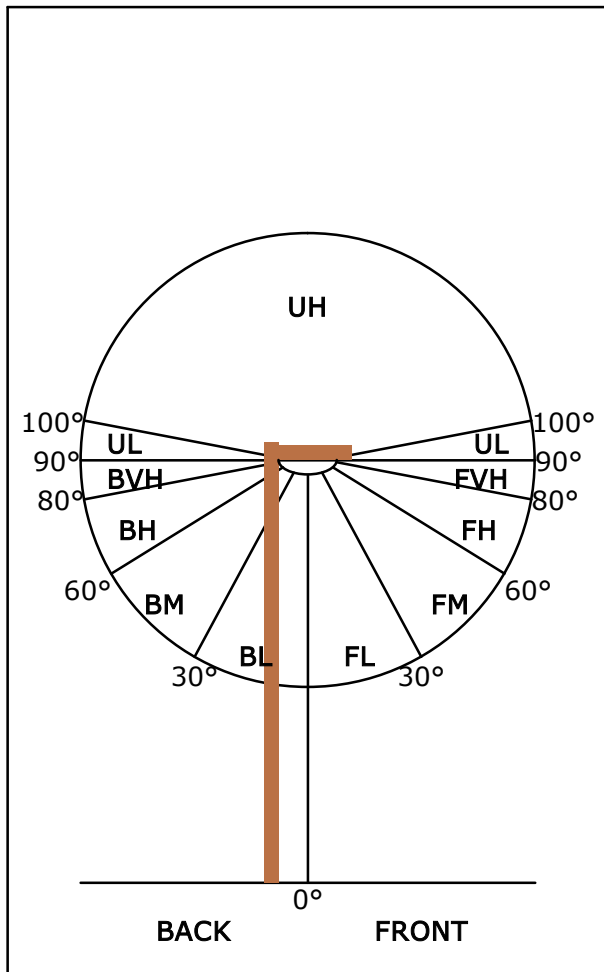
Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1202.6 lx

— ( 1%): 12.0 lx	— ( 2%): 24.1 lx
— ( 5%): 60.1 lx	— ( 10%): 120.3 lx
— ( 20%): 240.5 lx	— ( 50%): 601.3 lx
— (100%):1202.6 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	235	49.1
FL ( 0°-30°)	207	43.4
FM (30°-60°)	24	5.0
FH (60°-80°)	3	0.7
FVH (80°-90°)	0	0.0
BACK LIGHT	244	50.9
BL ( 0°-30°)	217	45.3
BM (30°-60°)	24	4.9
BH (60°-80°)	3	0.6
BVH (80°-90°)	0	0.0
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
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 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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-0.5	1181.5	0.3	0.3	0.06	0.06
0.5-1.0	1180.1	0.8	1.1	0.18	0.24
1.0-1.5	1178.5	1.4	2.5	0.29	0.53
1.5-2.0	1176.6	2.0	4.5	0.41	0.94
2.0-2.5	1173.5	2.5	7.0	0.53	1.47
2.5-3.0	1169.3	3.1	10.1	0.64	2.11
3.0-3.5	1164.5	3.6	13.7	0.76	2.87
3.5-4.0	1159.7	4.2	17.9	0.87	3.74
4.0-4.5	1153.3	4.7	22.6	0.98	4.72
4.5-5.0	1145.8	5.2	27.8	1.09	5.81
5.0-5.5	1138.7	5.7	33.5	1.19	7.00
5.5-6.0	1130.6	6.2	39.7	1.30	8.30
6.0-6.5	1121.1	6.7	46.4	1.40	9.70
6.5-7.0	1111.2	7.2	53.6	1.50	11.20
7.0-7.5	1100.1	7.6	61.2	1.59	12.79
7.5-8.0	1087.5	8.0	69.2	1.68	14.47
8.0-8.5	1074.1	8.5	77.7	1.77	16.24
8.5-9.0	1060.1	8.8	86.5	1.85	18.09
9.0-9.5	1045.1	9.2	95.7	1.93	20.01
9.5-10.0	1028.7	9.6	105.3	2.00	22.01
10.0-10.5	1011.8	9.9	115.1	2.06	24.07
10.5-11.0	993.2	10.2	125.3	2.12	26.20
11.0-11.5	973.7	10.4	135.7	2.18	28.37
11.5-12.0	953.2	10.6	146.4	2.23	30.60
12.0-12.5	931.3	10.8	157.2	2.27	32.86
12.5-13.0	908.7	11.0	168.2	2.30	35.16
13.0-13.5	885.1	11.1	179.3	2.33	37.49
13.5-14.0	860.5	11.2	190.5	2.34	39.83
14.0-14.5	834.6	11.3	201.8	2.36	42.19
14.5-15.0	807.4	11.3	213.1	2.36	44.55
15.0-15.5	779.2	11.2	224.3	2.35	46.90
15.5-16.0	750.6	11.2	235.5	2.34	49.23
16.0-16.5	721.0	11.1	246.5	2.31	51.54
16.5-17.0	691.2	10.9	257.5	2.28	53.83
17.0-17.5	661.1	10.8	268.2	2.25	56.07
17.5-18.0	629.5	10.5	278.7	2.20	58.27

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
18.0-18.5	597.9	10.3	289.0	2.15	60.42
18.5-19.0	567.0	10.0	299.0	2.09	62.51
19.0-19.5	535.0	9.7	308.7	2.02	64.53
19.5-20.0	503.4	9.3	318.0	1.95	66.48
20.0-20.5	472.5	9.0	327.0	1.87	68.36
20.5-21.0	441.9	8.6	335.5	1.79	70.15
21.0-21.5	411.9	8.2	343.7	1.71	71.86
21.5-22.0	382.4	7.8	351.5	1.62	73.49
22.0-22.5	354.0	7.3	358.8	1.54	75.03
22.5-23.0	327.2	6.9	365.8	1.45	76.48
23.0-23.5	301.5	6.5	372.3	1.36	77.84
23.5-24.0	276.6	6.1	378.4	1.28	79.12
24.0-24.5	253.0	5.7	384.1	1.19	80.31
24.5-25.0	230.7	5.3	389.4	1.11	81.42
25.0-25.5	209.8	4.9	394.3	1.03	82.44
25.5-26.0	190.5	4.5	398.9	0.95	83.39
26.0-26.5	172.5	4.2	403.0	0.87	84.27
26.5-27.0	156.1	3.9	406.9	0.81	85.07
27.0-27.5	141.2	3.5	410.4	0.74	85.81
27.5-28.0	127.4	3.3	413.7	0.68	86.49
28.0-28.5	115.0	3.0	416.7	0.62	87.12
28.5-29.0	104.0	2.7	419.4	0.57	87.69
29.0-29.5	94.2	2.5	421.9	0.53	88.22
29.5-30.0	85.5	2.3	424.3	0.49	88.70
30.0-30.5	77.9	2.2	426.4	0.45	89.15
30.5-31.0	71.1	2.0	428.4	0.42	89.57
31.0-31.5	65.2	1.9	430.3	0.39	89.96
31.5-32.0	60.0	1.7	432.0	0.36	90.32
32.0-32.5	55.3	1.6	433.6	0.34	90.66
32.5-33.0	51.4	1.5	435.1	0.32	90.98
33.0-33.5	48.0	1.4	436.6	0.30	91.28
33.5-34.0	44.9	1.4	438.0	0.29	91.56
34.0-34.5	42.1	1.3	439.3	0.27	91.84
34.5-35.0	39.8	1.2	440.5	0.26	92.10
35.0-35.5	37.7	1.2	441.7	0.25	92.35
35.5-36.0	35.8	1.1	442.8	0.24	92.59

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-36.5	34.0	1.1	443.9	0.23	92.82
36.5-37.0	32.3	1.1	445.0	0.22	93.04
37.0-37.5	30.8	1.0	446.0	0.21	93.25
37.5-38.0	29.6	1.0	447.0	0.21	93.46
38.0-38.5	28.4	1.0	448.0	0.20	93.66
38.5-39.0	27.3	0.9	448.9	0.20	93.86
39.0-39.5	26.2	0.9	449.8	0.19	94.05
39.5-40.0	25.2	0.9	450.7	0.18	94.23
40.0-40.5	24.4	0.9	451.6	0.18	94.41
40.5-41.0	23.5	0.8	452.4	0.18	94.59
41.0-41.5	22.7	0.8	453.2	0.17	94.76
41.5-42.0	21.8	0.8	454.0	0.17	94.93
42.0-42.5	21.0	0.8	454.8	0.16	95.09
42.5-43.0	20.2	0.8	455.6	0.16	95.24
43.0-43.5	19.6	0.7	456.3	0.15	95.40
43.5-44.0	19.0	0.7	457.0	0.15	95.55
44.0-44.5	18.3	0.7	457.7	0.15	95.70
44.5-45.0	17.7	0.7	458.4	0.14	95.84
45.0-45.5	17.1	0.7	459.1	0.14	95.98
45.5-46.0	16.4	0.6	459.7	0.13	96.11
46.0-46.5	15.8	0.6	460.3	0.13	96.24
46.5-47.0	15.3	0.6	460.9	0.13	96.37
47.0-47.5	14.7	0.6	461.5	0.12	96.49
47.5-48.0	14.2	0.6	462.1	0.12	96.62
48.0-48.5	13.7	0.6	462.7	0.12	96.73
48.5-49.0	13.3	0.5	463.2	0.11	96.85
49.0-49.5	12.8	0.5	463.8	0.11	96.96
49.5-50.0	12.4	0.5	464.3	0.11	97.07
50.0-50.5	11.9	0.5	464.8	0.11	97.17
50.5-51.0	11.5	0.5	465.3	0.10	97.27
51.0-51.5	11.1	0.5	465.7	0.10	97.37
51.5-52.0	10.7	0.5	466.2	0.10	97.47
52.0-52.5	10.3	0.4	466.6	0.09	97.56
52.5-53.0	10.0	0.4	467.1	0.09	97.66
53.0-53.5	9.6	0.4	467.5	0.09	97.74
53.5-54.0	9.3	0.4	467.9	0.09	97.83

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
54.0-54.5	8.9	0.4	468.3	0.08	97.91
54.5-55.0	8.6	0.4	468.7	0.08	97.99
55.0-55.5	8.2	0.4	469.1	0.08	98.07
55.5-56.0	7.8	0.4	469.4	0.07	98.14
56.0-56.5	7.4	0.3	469.8	0.07	98.21
56.5-57.0	7.2	0.3	470.1	0.07	98.28
57.0-57.5	7.0	0.3	470.4	0.07	98.35
57.5-58.0	6.8	0.3	470.7	0.07	98.42
58.0-58.5	6.5	0.3	471.0	0.06	98.48
58.5-59.0	6.3	0.3	471.3	0.06	98.54
59.0-59.5	6.0	0.3	471.6	0.06	98.60
59.5-60.0	5.8	0.3	471.9	0.06	98.66
60.0-60.5	5.6	0.3	472.2	0.06	98.72
60.5-61.0	5.5	0.3	472.4	0.05	98.77
61.0-61.5	5.3	0.3	472.7	0.05	98.82
61.5-62.0	5.2	0.3	472.9	0.05	98.88
62.0-62.5	5.1	0.2	473.2	0.05	98.93
62.5-63.0	5.0	0.2	473.4	0.05	98.98
63.0-63.5	4.9	0.2	473.7	0.05	99.03
63.5-64.0	4.7	0.2	473.9	0.05	99.08
64.0-64.5	4.5	0.2	474.1	0.05	99.12
64.5-65.0	4.3	0.2	474.3	0.04	99.17
65.0-65.5	4.1	0.2	474.5	0.04	99.21
65.5-66.0	3.9	0.2	474.7	0.04	99.25
66.0-66.5	3.8	0.2	474.9	0.04	99.29
66.5-67.0	3.7	0.2	475.1	0.04	99.33
67.0-67.5	3.6	0.2	475.3	0.04	99.37
67.5-68.0	3.4	0.2	475.5	0.04	99.40
68.0-68.5	3.2	0.2	475.6	0.03	99.44
68.5-69.0	3.0	0.2	475.8	0.03	99.47
69.0-69.5	2.9	0.1	475.9	0.03	99.50
69.5-70.0	2.8	0.1	476.1	0.03	99.53
70.0-70.5	2.7	0.1	476.2	0.03	99.56
70.5-71.0	2.7	0.1	476.3	0.03	99.59
71.0-71.5	2.5	0.1	476.5	0.03	99.62
71.5-72.0	2.5	0.1	476.6	0.03	99.65

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 4)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-72.5	2.4	0.1	476.7	0.03	99.67
72.5-73.0	2.2	0.1	476.8	0.02	99.70
73.0-73.5	2.2	0.1	477.0	0.02	99.72
73.5-74.0	2.0	0.1	477.1	0.02	99.74
74.0-74.5	1.8	0.1	477.2	0.02	99.76
74.5-75.0	1.8	0.1	477.3	0.02	99.78
75.0-75.5	1.8	0.1	477.4	0.02	99.80
75.5-76.0	1.7	0.1	477.4	0.02	99.82
76.0-76.5	1.5	0.1	477.5	0.02	99.84
76.5-77.0	1.4	0.1	477.6	0.02	99.85
77.0-77.5	1.3	0.1	477.7	0.01	99.87
77.5-78.0	1.2	0.1	477.7	0.01	99.88
78.0-78.5	1.1	0.1	477.8	0.01	99.89
78.5-79.0	1.0	0.1	477.9	0.01	99.91
79.0-79.5	1.0	0.1	477.9	0.01	99.92
79.5-80.0	0.9	0.1	478.0	0.01	99.93
80.0-80.5	0.9	0.0	478.0	0.01	99.94
80.5-81.0	0.7	0.0	478.0	0.01	99.95
81.0-81.5	0.6	0.0	478.1	0.01	99.95
81.5-82.0	0.6	0.0	478.1	0.01	99.96
82.0-82.5	0.6	0.0	478.1	0.01	99.97
82.5-83.0	0.5	0.0	478.2	0.01	99.97
83.0-83.5	0.4	0.0	478.2	0.00	99.98
83.5-84.0	0.4	0.0	478.2	0.01	99.98
84.0-84.5	0.4	0.0	478.2	0.00	99.99
84.5-85.0	0.3	0.0	478.2	0.00	99.99
85.0-85.5	0.4	0.0	478.3	0.00	99.99
85.5-86.0	0.3	0.0	478.3	0.00	100.00
86.0-86.5	0.2	0.0	478.3	0.00	100.00
86.5-87.0	0.2	0.0	478.3	0.00	100.00
87.0-87.5	0.2	0.0	478.3	0.00	100.00
87.5-88.0	0.2	0.0	478.3	0.00	100.01
88.0-88.5	0.1	0.0	478.3	0.00	100.01
88.5-89.0	0.1	0.0	478.3	0.00	100.01
89.0-89.5	0.1	0.0	478.3	0.00	100.01
89.5-90.0	0.1	0.0	478.3	0.00	100.01

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	1202.6	1190.1	1178.6	1173.4	1175.7	1172.1	1202.6	1190.1	1178.6	1173.4
G0.5	1190.3	1181.9	1171.7	1174.5	1173.2	1178.4	1207.9	1198.7	1184.8	1173.9
G1.0	1180.6	1175.7	1166.2	1167.0	1171.8	1179.0	1214.6	1202.8	1186.7	1179.1
G1.5	1173.7	1166.7	1156.9	1162.2	1170.6	1183.2	1223.0	1209.8	1193.9	1175.5
G2.0	1162.0	1156.3	1147.4	1160.4	1171.8	1187.5	1226.8	1214.6	1195.1	1174.7
G2.5	1151.0	1143.5	1138.6	1153.5	1168.3	1191.3	1230.4	1218.2	1194.9	1174.1
G3.0	1136.4	1134.9	1128.1	1145.4	1163.7	1189.2	1233.1	1220.5	1196.7	1173.4
G3.5	1129.0	1116.7	1113.1	1137.1	1162.3	1189.5	1231.7	1225.1	1201.4	1172.3
G4.0	1113.1	1104.0	1107.3	1130.5	1158.7	1191.1	1234.7	1230.2	1202.0	1171.0
G4.5	1098.8	1095.1	1090.6	1120.3	1149.3	1187.3	1233.3	1224.3	1201.1	1164.4
G5.0	1084.4	1078.4	1083.0	1112.4	1148.8	1182.0	1232.3	1223.8	1196.6	1157.8
G5.5	1074.6	1067.7	1071.7	1104.6	1135.9	1177.4	1230.4	1221.6	1198.9	1151.2
G6.0	1064.8	1053.9	1058.9	1094.9	1130.5	1169.2	1228.9	1212.4	1191.8	1146.8
G6.5	1045.1	1040.1	1048.1	1081.7	1120.0	1159.4	1221.4	1207.8	1189.2	1140.3
G7.0	1033.7	1027.7	1036.6	1071.5	1105.7	1157.2	1216.3	1200.9	1181.5	1128.4
G7.5	1015.1	1014.5	1023.8	1059.9	1096.0	1140.7	1208.0	1192.3	1172.2	1117.4
G8.0	998.0	999.7	1009.6	1049.4	1083.4	1132.5	1191.7	1180.6	1164.4	1106.4
G8.5	984.1	983.6	991.9	1033.7	1071.7	1116.6	1183.6	1165.5	1149.8	1092.3
G9.0	966.3	969.9	980.1	1020.0	1057.3	1105.0	1170.1	1152.6	1137.7	1076.5
G9.5	951.3	953.5	958.9	1003.4	1041.0	1089.3	1155.8	1134.9	1121.4	1066.0
G10.0	931.5	939.1	943.4	986.2	1023.1	1073.8	1139.3	1114.6	1104.5	1045.1
G10.5	914.8	925.3	925.5	969.6	1009.2	1055.2	1121.5	1098.0	1079.8	1033.0
G11.0	898.1	904.6	902.4	951.0	985.3	1034.0	1100.8	1077.0	1061.8	1012.1
G11.5	879.8	889.2	887.3	932.0	966.0	1013.8	1081.1	1052.2	1047.6	990.4
G12.0	863.9	870.3	865.7	911.0	942.4	988.5	1053.8	1025.7	1018.9	971.2
G12.5	842.3	851.3	847.2	892.7	925.7	964.7	1029.2	997.2	999.5	946.2
G13.0	826.0	830.3	828.1	872.5	895.0	937.8	1003.4	970.0	969.8	920.9
G13.5	805.5	808.0	810.7	849.6	873.2	907.9	978.4	940.7	944.9	899.5
G14.0	783.7	787.4	789.4	824.9	842.8	881.2	947.0	910.0	914.2	871.8
G14.5	762.8	767.0	765.6	804.7	814.0	850.5	917.5	876.4	885.7	843.0
G15.0	741.8	742.7	744.8	779.4	783.7	820.7	881.5	842.7	849.7	813.2
G15.5	718.6	722.9	720.5	754.6	753.3	787.7	846.1	807.8	822.2	782.4
G16.0	695.1	698.1	696.8	727.2	723.9	757.3	807.6	772.8	788.0	750.1
G16.5	669.8	675.3	670.8	701.8	690.2	723.5	768.2	737.7	750.1	719.5
G17.0	646.7	654.4	642.1	675.6	659.5	692.5	732.8	698.6	719.4	684.6
G17.5	619.0	628.8	619.5	644.7	632.5	658.2	698.3	663.3	679.2	651.1
G18.0	592.7	600.0	590.1	614.3	595.8	619.7	660.3	623.8	642.3	618.0

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	565.3	575.2	565.4	585.5	565.1	587.8	623.2	587.2	606.7	584.4
G19.0	537.2	550.4	538.1	555.7	532.5	555.6	586.9	548.9	568.4	550.4
G19.5	510.3	522.0	507.6	524.2	500.5	519.3	548.3	511.3	538.6	512.5
G20.0	485.4	495.6	481.3	496.4	468.9	484.0	516.3	474.4	501.9	479.6
G20.5	458.0	466.4	453.4	466.6	436.8	450.0	478.7	441.6	467.1	449.1
G21.0	432.7	440.5	426.1	435.0	407.6	418.0	444.4	405.1	434.3	416.6
G21.5	404.9	414.6	397.3	406.0	374.2	386.7	413.4	372.9	404.0	386.6
G22.0	380.5	387.1	373.5	377.1	344.6	355.7	379.9	343.1	371.9	354.7
G22.5	354.5	361.8	346.1	348.9	316.3	327.4	350.9	313.1	340.0	328.9
G23.0	332.5	336.4	322.0	324.0	289.9	298.0	322.0	287.4	312.8	302.0
G23.5	306.7	313.3	299.6	297.2	265.3	272.0	295.0	262.1	287.5	274.8
G24.0	283.3	287.5	275.4	272.9	239.7	247.7	271.2	237.6	262.1	251.1
G24.5	262.4	265.1	253.9	247.8	217.8	224.7	245.1	217.3	236.7	228.5
G25.0	238.7	245.2	230.7	226.6	196.8	203.6	223.5	196.1	213.7	206.4
G25.5	219.8	222.4	210.9	206.2	178.6	184.2	202.3	178.4	194.3	186.2
G26.0	201.1	203.8	192.3	186.8	162.2	165.1	183.4	159.8	175.2	168.2
G26.5	181.9	184.3	173.9	168.7	145.7	150.1	165.3	145.2	157.4	152.3
G27.0	165.0	169.4	157.1	152.5	131.5	135.4	149.0	130.6	141.9	137.4
G27.5	149.8	153.4	140.6	138.8	118.7	121.8	134.9	117.8	128.4	123.2
G28.0	136.6	137.6	126.9	123.9	106.9	110.2	121.2	106.4	115.5	110.9
G28.5	122.2	123.2	114.5	112.1	97.4	99.5	110.7	97.2	104.4	99.7
G29.0	109.8	112.1	103.3	101.5	88.2	90.4	100.0	87.8	94.3	90.6
G29.5	99.2	101.5	93.9	91.4	79.7	82.3	90.8	79.7	86.2	82.1
G30.0	90.8	91.4	85.3	82.7	73.1	74.5	82.9	73.1	78.2	74.4
G30.5	82.5	82.9	78.1	75.7	67.7	67.9	75.9	67.0	71.5	68.0
G31.0	75.3	75.9	69.3	69.4	61.7	62.0	69.9	62.0	65.7	62.4
G31.5	70.0	69.1	63.3	63.7	57.1	57.4	64.9	57.1	60.9	57.3
G32.0	64.1	62.8	58.1	58.3	52.7	53.0	59.9	53.0	56.4	53.2
G32.5	59.2	57.5	53.2	54.3	48.0	49.3	55.6	49.3	52.4	49.1
G33.0	54.5	53.1	49.4	50.4	45.0	46.3	52.1	46.2	49.0	46.5
G33.5	51.2	49.2	45.6	47.2	42.3	43.4	49.1	43.5	46.1	44.1
G34.0	46.9	45.7	42.4	44.1	41.2	40.9	45.9	41.1	43.1	41.2
G34.5	43.7	42.8	39.8	41.4	38.9	38.4	43.5	38.9	41.1	39.2
G35.0	41.1	40.3	37.3	39.5	37.1	36.7	41.3	37.7	38.8	36.8
G35.5	38.6	37.7	35.1	37.2	35.3	34.8	39.1	36.6	37.3	35.5
G36.0	36.3	35.5	33.4	35.3	34.0	33.0	37.4	35.2	35.8	33.7
G36.5	34.5	33.6	31.7	33.6	32.2	31.6	35.6	33.8	34.1	32.5

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 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	32.8	31.9	30.3	32.5	29.6	30.4	34.1	31.2	32.6	31.1
G37.5	31.1	30.4	29.1	30.9	28.5	29.0	32.8	29.9	31.4	29.9
G38.0	29.8	29.1	27.9	29.6	27.3	28.0	31.6	28.9	30.3	29.0
G38.5	28.3	27.6	26.8	28.3	26.2	26.9	30.4	27.8	29.2	27.7
G39.0	27.3	26.5	25.7	27.4	25.3	25.7	27.8	26.8	28.2	26.9
G39.5	26.0	25.5	24.7	26.4	24.3	24.9	26.6	25.9	27.2	25.5
G40.0	25.0	24.4	23.8	25.3	23.5	23.9	25.9	24.9	26.5	25.0
G40.5	24.0	23.5	23.1	24.7	22.6	23.0	25.9	24.1	25.5	24.1
G41.0	22.9	22.6	22.0	23.6	21.8	22.3	25.2	23.3	24.8	23.4
G41.5	22.0	21.7	21.3	22.9	21.0	21.5	24.4	22.3	24.0	22.7
G42.0	21.3	20.8	20.4	21.9	20.3	20.6	23.5	21.6	23.1	22.0
G42.5	20.3	20.0	19.7	21.2	19.6	20.0	22.8	20.7	22.3	21.2
G43.0	19.5	19.2	19.0	20.3	18.8	19.3	22.0	20.0	21.6	20.6
G43.5	19.3	18.5	18.3	19.9	19.5	18.5	21.2	19.4	20.9	19.9
G44.0	18.3	17.8	17.6	19.1	18.8	17.9	20.5	18.7	20.1	19.2
G44.5	17.8	17.0	16.9	18.4	18.3	17.2	20.0	17.8	18.2	18.6
G45.0	17.2	16.6	16.3	17.8	17.8	16.6	19.1	17.4	17.6	18.5
G45.5	16.7	16.0	15.7	17.3	17.1	16.0	18.4	16.7	16.9	17.8
G46.0	16.1	15.4	15.2	16.7	16.5	15.4	17.8	15.8	16.3	16.9
G46.5	15.6	14.9	14.8	16.1	16.0	14.8	17.2	15.4	15.7	16.3
G47.0	15.1	14.4	14.2	15.6	15.3	14.2	16.5	14.8	15.0	15.7
G47.5	14.6	13.7	13.7	15.1	14.9	13.7	16.0	14.1	15.8	15.3
G48.0	14.1	13.4	13.3	14.8	14.2	13.2	15.3	13.7	15.3	14.7
G48.5	13.7	12.9	12.8	14.2	13.9	12.7	14.8	13.0	14.7	14.2
G49.0	13.1	12.3	12.4	13.6	13.3	12.1	14.2	12.5	14.1	13.6
G49.5	12.9	12.0	11.9	13.0	12.7	11.8	13.6	13.4	12.3	13.2
G50.0	12.4	11.6	11.5	12.8	12.5	11.1	13.1	12.9	11.9	12.7
G50.5	11.9	10.9	11.1	12.3	11.9	10.7	12.5	12.3	11.4	12.2
G51.0	11.6	10.7	10.6	11.8	11.7	10.3	12.1	11.8	10.9	11.8
G51.5	11.3	10.4	10.4	11.2	11.2	9.9	11.7	11.5	10.4	11.5
G52.0	10.8	9.8	10.0	11.1	10.8	9.4	11.1	11.0	10.0	11.0
G52.5	10.7	9.6	9.5	10.7	10.4	9.0	10.8	10.4	9.6	10.6
G53.0	10.4	9.3	9.3	10.4	10.1	8.7	10.4	10.2	9.2	10.3
G53.5	10.0	8.8	8.9	10.0	9.6	8.3	10.4	9.7	8.8	9.9
G54.0	9.7	8.7	9.8	9.6	9.3	8.0	9.6	9.6	8.4	9.7
G54.5	9.4	8.4	9.6	9.3	8.9	7.6	9.3	9.2	8.0	9.2
G55.0	9.2	7.9	9.6	9.0	8.7	7.3	8.6	8.9	7.7	8.9

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	8.9	7.8	7.4	8.8	8.4	7.0	8.5	8.5	7.3	8.6
G56.0	8.9	7.5	7.3	8.4	7.9	6.7	6.9	6.8	7.0	8.2
G56.5	8.2	7.2	7.1	8.2	7.9	6.4	6.7	6.5	6.7	8.1
G57.0	8.1	7.0	8.1	8.0	7.6	6.1	6.2	6.1	6.5	7.6
G57.5	7.8	6.7	8.0	7.6	7.2	5.9	7.5	5.9	6.2	7.5
G58.0	7.6	6.4	7.7	7.4	7.1	5.6	7.3	5.7	6.0	7.1
G58.5	7.2	6.2	7.0	7.3	6.9	5.4	6.9	5.4	5.6	6.8
G59.0	7.2	6.0	5.8	7.1	6.7	5.2	5.4	6.6	5.5	7.0
G59.5	6.9	5.8	5.7	6.7	6.5	5.0	5.1	6.5	5.3	6.6
G60.0	6.7	5.5	5.5	6.7	6.3	4.7	5.0	6.2	4.8	6.4
G60.5	6.6	5.3	5.2	6.4	6.1	4.5	4.8	5.8	4.9	6.1
G61.0	6.4	5.2	5.1	6.0	5.9	4.3	4.6	5.8	4.7	6.2
G61.5	5.8	5.0	4.9	5.9	5.8	4.2	4.4	5.6	4.3	5.8
G62.0	6.1	4.8	4.7	5.8	5.5	4.1	4.2	5.3	4.3	5.6
G62.5	5.8	4.6	4.5	5.7	5.3	3.9	4.0	5.3	4.1	5.4
G63.0	6.2	4.4	4.3	5.2	5.3	3.7	3.9	5.2	3.9	5.2
G63.5	5.5	4.3	4.1	5.5	5.1	3.7	5.1	5.0	3.8	4.9
G64.0	5.3	4.0	3.9	5.2	4.7	3.4	5.0	4.8	3.7	4.9
G64.5	5.2	3.9	3.8	4.8	4.8	3.3	4.8	4.8	3.5	4.8
G65.0	5.0	3.8	3.7	4.8	4.6	2.9	4.4	4.5	3.3	4.4
G65.5	4.9	3.6	3.5	4.7	4.3	3.0	3.1	4.1	3.2	4.5
G66.0	4.8	3.5	3.3	4.4	4.3	2.9	3.0	4.3	3.0	4.6
G66.5	4.4	3.3	4.5	4.3	4.2	2.5	2.6	4.2	3.0	4.3
G67.0	4.5	3.2	4.1	4.3	4.3	2.6	2.7	3.9	2.9	4.6
G67.5	4.4	3.1	4.2	4.2	3.9	2.5	2.6	3.9	2.7	3.9
G68.0	4.1	3.0	2.8	4.4	3.8	2.2	2.3	3.8	2.5	3.8
G68.5	4.1	2.9	2.6	4.1	3.5	2.3	2.4	3.5	2.4	3.8
G69.0	4.1	2.7	2.5	3.8	3.6	2.2	2.2	3.6	2.3	3.6
G69.5	4.4	2.6	2.3	3.5	3.5	1.8	1.9	3.5	2.2	3.6
G70.0	3.8	2.5	2.3	3.5	3.4	1.9	2.0	3.3	2.1	3.2
G70.5	3.7	2.3	2.2	3.4	3.5	1.8	1.9	3.3	1.9	3.3
G71.0	4.0	2.3	1.9	3.1	3.0	1.5	1.8	3.2	1.9	3.2
G71.5	3.5	2.2	2.0	3.2	3.0	1.6	1.7	3.0	1.7	2.9
G72.0	3.4	2.1	1.9	3.2	2.8	1.5	1.6	3.0	1.6	3.0
G72.5	3.3	1.9	1.5	2.9	2.8	1.3	1.6	2.7	1.3	3.0
G73.0	3.1	1.9	1.7	2.8	2.7	1.3	1.4	2.4	1.5	2.8
G73.5	3.2	1.7	1.5	2.7	2.6	1.2	1.3	2.5	1.3	2.7

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	3.0	1.6	1.2	2.7	2.5	1.0	1.3	2.6	1.0	2.6
G74.5	2.8	1.5	1.4	2.6	2.4	1.0	1.2	2.4	1.1	2.4
G75.0	2.8	1.5	1.2	2.4	2.1	0.9	1.1	2.3	1.0	2.4
G75.5	2.5	1.4	1.2	2.3	2.2	0.8	1.0	2.3	0.9	2.9
G76.0	2.4	1.3	1.1	2.1	2.2	0.8	0.9	2.2	0.8	2.2
G76.5	2.3	1.3	1.0	2.2	1.9	0.7	0.8	2.5	0.8	2.0
G77.0	2.4	1.1	0.8	2.1	2.0	0.6	0.8	2.1	0.7	2.4
G77.5	2.3	1.0	0.8	2.0	1.9	0.5	0.7	2.0	0.6	2.0
G78.0	2.3	0.7	0.7	1.9	1.7	0.4	0.6	1.9	0.5	1.7
G78.5	2.2	0.8	0.6	1.8	1.6	0.4	0.5	1.8	0.4	1.8
G79.0	2.1	0.8	0.4	1.7	1.6	0.2	0.4	1.6	0.3	1.7
G79.5	2.0	0.6	0.4	1.8	1.6	0.1	0.3	1.6	0.2	1.7
G80.0	1.9	1.9	0.3	1.5	1.4	0.1	0.2	1.3	0.1	1.7
G80.5	1.8	1.8	0.1	1.5	1.3	0.0	0.1	1.4	0.1	1.4
G81.0	1.5	0.3	0.1	1.2	1.2	0.0	0.1	1.4	0.0	1.3
G81.5	1.6	0.2	0.0	1.3	0.9	0.0	0.0	1.0	0.0	1.1
G82.0	1.5	0.1	0.0	1.4	1.0	1.1	0.0	1.1	0.0	1.2
G82.5	1.2	0.1	0.0	1.0	0.9	1.0	0.0	1.1	0.0	1.1
G83.0	1.3	0.0	0.0	0.9	0.6	0.0	0.0	1.0	0.0	0.8
G83.5	1.3	1.2	0.0	0.7	0.7	0.0	0.0	0.9	0.0	0.8
G84.0	0.9	1.4	0.0	0.7	0.6	0.0	0.0	0.8	0.0	0.7
G84.5	0.7	0.8	0.0	0.7	0.3	0.0	0.0	0.8	0.0	0.5
G85.0	0.8	0.9	0.0	0.5	0.4	0.0	0.0	0.8	0.0	0.7
G85.5	0.9	0.7	0.0	0.4	0.5	0.0	0.0	0.9	0.0	0.7
G86.0	0.7	0.7	0.0	0.2	0.1	0.3	0.0	0.5	0.0	0.2
G86.5	0.7	0.4	0.0	0.2	0.1	0.2	0.0	0.3	0.0	0.3
G87.0	0.6	0.6	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.1
G87.5	0.7	0.3	0.0	0.5	0.1	0.2	0.0	0.2	0.0	0.1
G88.0	0.3	0.2	0.0	0.1	0.1	0.1	0.0	0.6	0.0	0.1
G88.5	0.4	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0
G89.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1
G89.5	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1
G90.0	0.1	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

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	1175.7	1172.1	1202.6							
G0.5	1171.2	1165.4	1190.3							
G1.0	1168.6	1158.1	1180.6							
G1.5	1163.2	1156.0	1173.7							
G2.0	1163.0	1143.2	1162.0							
G2.5	1158.2	1138.1	1151.0							
G3.0	1153.5	1129.2	1136.4							
G3.5	1146.6	1119.6	1129.0							
G4.0	1137.2	1108.1	1113.1							
G4.5	1131.5	1096.0	1098.8							
G5.0	1119.4	1087.7	1084.4							
G5.5	1114.4	1074.0	1074.6							
G6.0	1097.3	1063.3	1064.8							
G6.5	1089.7	1051.1	1045.1							
G7.0	1080.6	1034.5	1033.7							
G7.5	1067.6	1019.7	1015.1							
G8.0	1051.4	1004.9	998.0							
G8.5	1041.3	992.8	984.1							
G9.0	1026.8	973.7	966.3							
G9.5	1010.6	959.4	951.3							
G10.0	997.3	946.3	931.5							
G10.5	982.0	926.3	914.8							
G11.0	960.1	908.8	898.1							
G11.5	945.5	887.7	879.8							
G12.0	923.3	870.7	863.9							
G12.5	901.4	849.5	842.3							
G13.0	878.2	829.9	826.0							
G13.5	854.2	808.8	805.5							
G14.0	833.3	784.9	783.7							
G14.5	807.6	764.7	762.8							
G15.0	779.2	739.4	741.8							
G15.5	751.0	714.9	718.6							
G16.0	726.0	690.5	695.1							
G16.5	698.1	666.4	669.8							
G17.0	667.2	644.4	646.7							
G17.5	639.6	615.8	619.0							
G18.0	610.0	590.4	592.7							

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	581.9	565.3	565.3							
G19.0	551.6	538.5	537.2							
G19.5	520.7	510.3	510.3							
G20.0	491.3	481.7	485.4							
G20.5	460.5	456.1	458.0							
G21.0	432.2	429.5	432.7							
G21.5	401.3	401.8	404.9							
G22.0	373.3	373.3	380.5							
G22.5	345.0	348.8	354.5							
G23.0	318.8	325.4	332.5							
G23.5	293.8	298.6	306.7							
G24.0	267.9	275.9	283.3							
G24.5	244.8	254.7	262.4							
G25.0	223.8	232.7	238.7							
G25.5	202.7	211.7	219.8							
G26.0	184.4	192.1	201.1							
G26.5	166.8	175.2	181.9							
G27.0	151.3	159.5	165.0							
G27.5	136.4	143.9	149.8							
G28.0	123.8	129.9	136.6							
G28.5	111.6	118.2	122.2							
G29.0	101.7	106.6	109.8							
G29.5	91.7	96.8	99.2							
G30.0	83.1	87.4	90.8							
G30.5	75.2	79.4	82.5							
G31.0	69.0	72.3	75.3							
G31.5	63.6	66.1	70.0							
G32.0	58.3	60.8	64.1							
G32.5	53.8	56.0	59.2							
G33.0	50.3	52.2	54.5							
G33.5	46.3	48.2	51.2							
G34.0	43.3	45.1	46.9							
G34.5	40.6	42.0	43.7							
G35.0	38.4	39.3	41.1							
G35.5	36.1	37.1	38.6							
G36.0	34.4	34.9	36.3							
G36.5	31.1	33.0	34.5							

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 7)**

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	29.7	31.3	32.8							
G37.5	28.5	29.9	31.1							
G38.0	28.5	28.6	29.8							
G38.5	27.5	27.5	28.3							
G39.0	26.6	26.5	27.3							
G39.5	25.3	25.4	26.0							
G40.0	24.9	24.4	25.0							
G40.5	23.5	23.5	24.0							
G41.0	22.7	22.7	22.9							
G41.5	20.7	21.9	22.0							
G42.0	19.9	21.0	21.3							
G42.5	19.1	20.4	20.3							
G43.0	18.6	19.7	19.5							
G43.5	17.8	18.9	19.3							
G44.0	17.2	18.4	18.3							
G44.5	17.9	17.7	17.8							
G45.0	17.4	17.1	17.2							
G45.5	16.8	15.3	16.7							
G46.0	16.3	14.8	16.1							
G46.5	15.8	14.2	15.6							
G47.0	15.4	13.7	15.1							
G47.5	13.5	13.3	14.6							
G48.0	13.0	12.8	14.1							
G48.5	12.6	12.4	13.7							
G49.0	13.5	12.0	13.1							
G49.5	13.1	11.6	12.9							
G50.0	12.6	11.2	12.4							
G50.5	12.1	10.9	11.9							
G51.0	11.9	10.6	11.6							
G51.5	11.5	10.0	11.3							
G52.0	11.0	9.8	10.8							
G52.5	11.2	9.5	10.7							
G53.0	10.4	9.0	10.4							
G53.5	10.1	8.9	10.0							
G54.0	8.4	8.6	9.7							
G54.5	8.0	8.1	9.4							
G55.0	7.8	8.0	9.2							

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 8)**

Unit: cd

G\C	C300.0	C330.0	C360.0							
G55.5	7.4	7.7	8.9							
G56.0	7.1	7.2	8.9							
G56.5	6.9	7.2	8.2							
G57.0	6.6	6.9	8.1							
G57.5	6.3	6.7	7.8							
G58.0	6.1	6.5	7.6							
G58.5	5.6	6.2	7.2							
G59.0	5.6	5.9	7.2							
G59.5	5.4	5.8	6.9							
G60.0	5.0	5.6	6.7							
G60.5	5.0	5.4	6.6							
G61.0	4.8	6.5	6.4							
G61.5	4.4	6.3	5.8							
G62.0	5.5	6.2	6.1							
G62.5	5.7	5.9	5.8							
G63.0	5.5	5.8	6.2							
G63.5	5.3	5.6	5.5							
G64.0	5.2	5.5	5.3							
G64.5	5.0	4.0	5.2							
G65.0	4.7	3.8	5.0							
G65.5	4.9	3.7	4.9							
G66.0	4.6	3.6	4.8							
G66.5	4.3	3.5	4.4							
G67.0	4.2	3.3	4.5							
G67.5	4.2	3.1	4.4							
G68.0	4.3	3.0	4.1							
G68.5	2.6	2.9	4.1							
G69.0	2.5	2.8	4.1							
G69.5	2.4	2.6	4.4							
G70.0	2.4	2.5	3.8							
G70.5	2.1	3.7	3.7							
G71.0	2.1	3.7	4.0							
G71.5	1.7	3.1	3.5							
G72.0	1.8	3.5	3.4							
G72.5	1.7	3.3	3.3							
G73.0	1.4	3.2	3.1							
G73.5	1.5	3.1	3.2							

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 9)**

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	1.4	1.6	3.0							
G74.5	1.3	1.5	2.8							
G75.0	2.6	1.5	2.8							
G75.5	2.7	1.3	2.5							
G76.0	2.4	1.3	2.4							
G76.5	1.0	1.2	2.3							
G77.0	0.9	0.8	2.4							
G77.5	0.8	1.0	2.3							
G78.0	0.7	0.9	2.3							
G78.5	0.6	0.6	2.2							
G79.0	0.5	0.7	2.1							
G79.5	0.4	0.6	2.0							
G80.0	0.3	0.6	1.9							
G80.5	0.2	0.5	1.8							
G81.0	0.1	0.3	1.5							
G81.5	0.1	0.2	1.6							
G82.0	0.0	0.2	1.5							
G82.5	0.0	0.1	1.2							
G83.0	0.0	0.0	1.3							
G83.5	0.0	0.0	1.3							
G84.0	0.0	0.0	0.9							
G84.5	0.0	0.0	0.7							
G85.0	0.0	0.6	0.8							
G85.5	0.0	0.8	0.9							
G86.0	0.0	0.6	0.7							
G86.5	0.0	0.0	0.7							
G87.0	0.0	0.0	0.6							
G87.5	0.0	0.0	0.7							
G88.0	0.0	0.0	0.3							
G88.5	0.0	0.0	0.4							
G89.0	0.0	0.0	0.0							
G89.5	0.0	0.0	0.1							
G90.0	0.0	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: