

Report No.:

Test Time: 2023/6/19 11:46

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 1.287 A

Power Factor: 0.998

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 154.11 W

## Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 24280.7 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 10620.82 cd

Pos of Max. Intensity: H0 V5

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 115.2, 84.3, 100.2, 101.0

Longitudinal Classification: Very Short

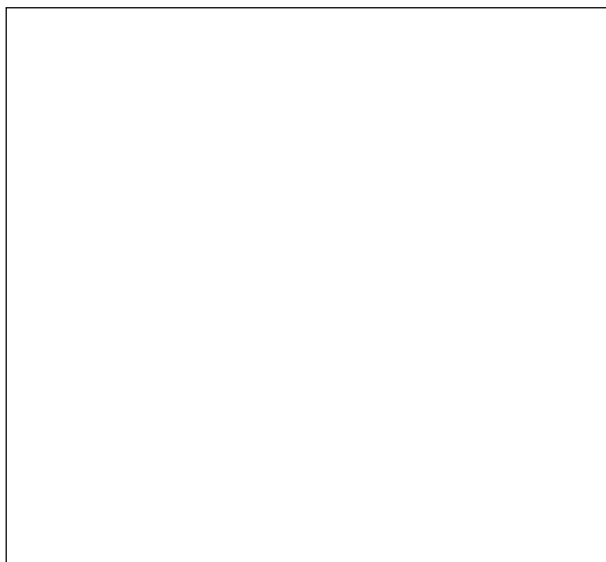
Measurement Flux: 24280.7 lm

Downward Ratio: 100%

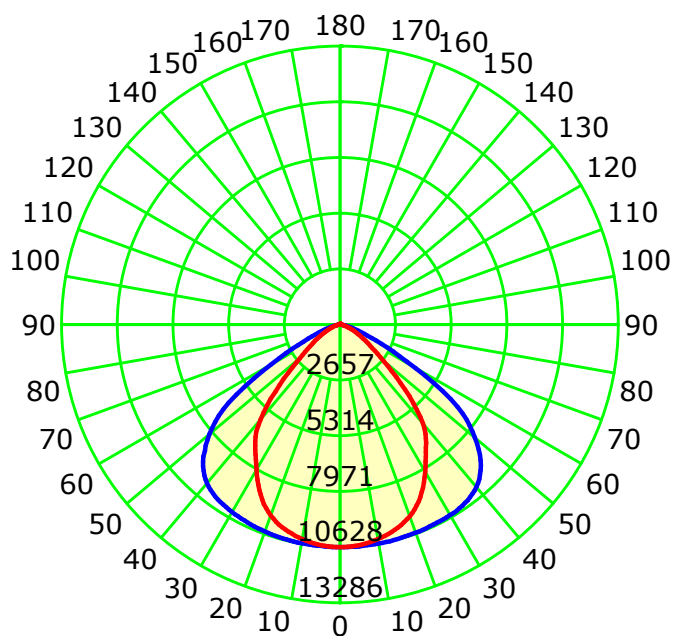
Luminaire Efficacy Rating (LER): 157.60

Max. Intensity: 10628.99 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 99.7°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

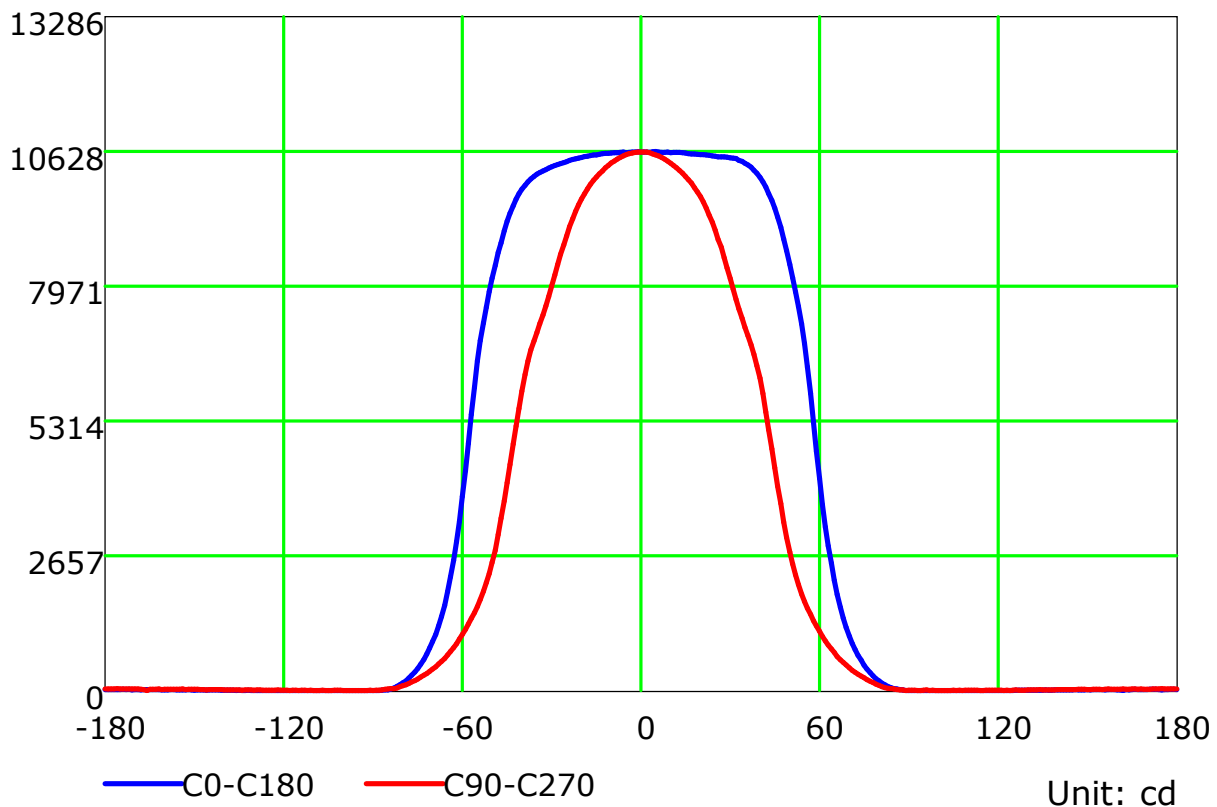
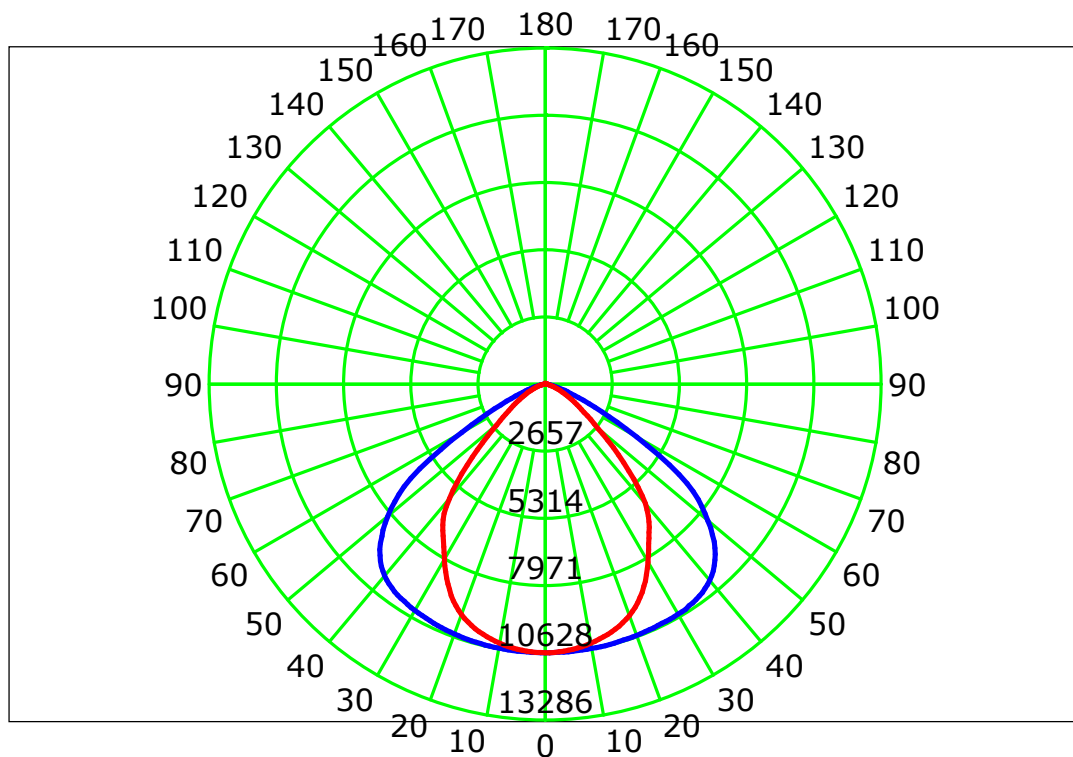
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

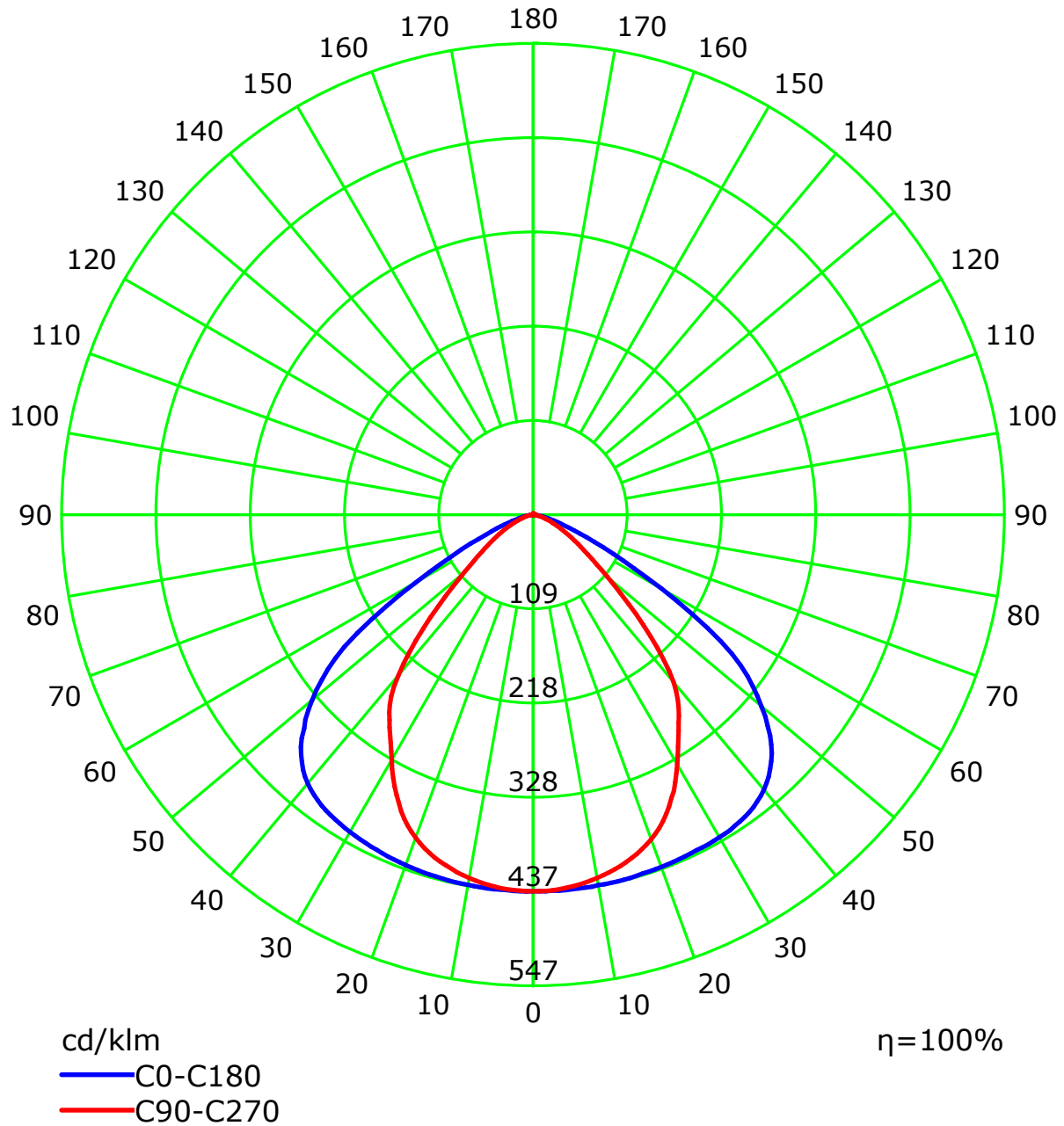
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.4 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.140 m [K=1.0000]  
Humidity:  
Inspector:

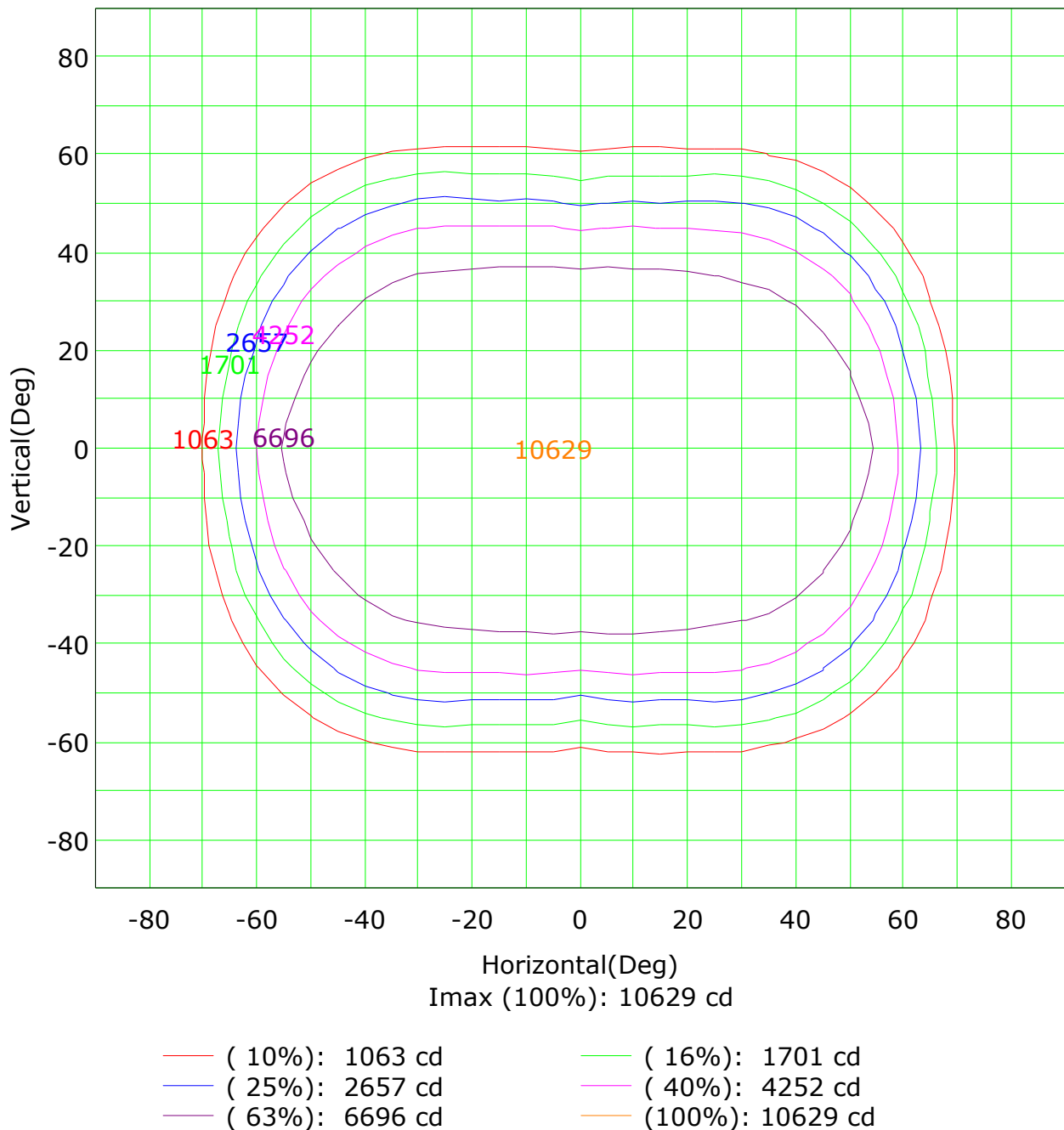
## Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.4 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.140 m [K=1.0000]  
Humidity:  
Inspector:

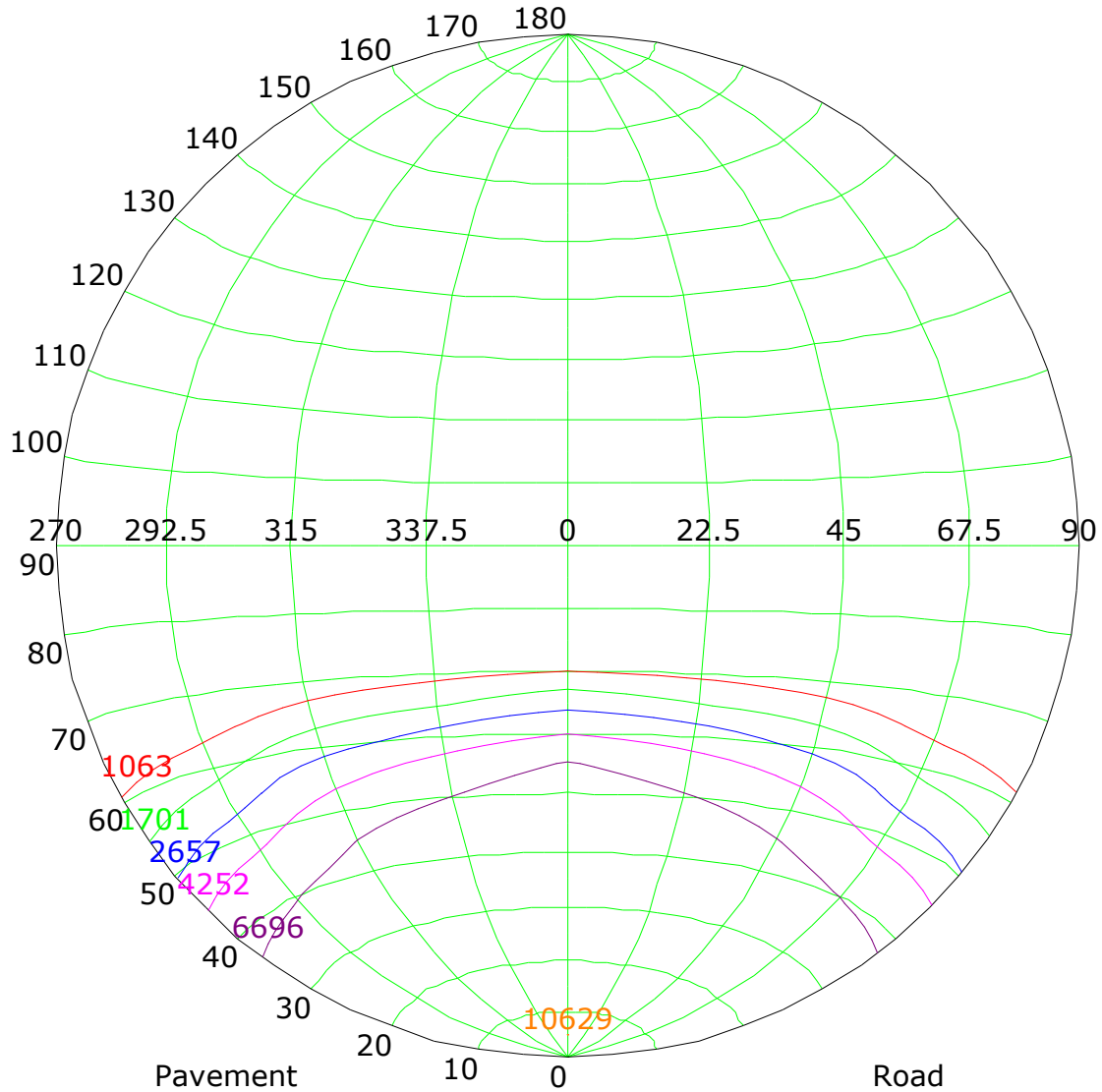
## Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.4 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.140 m [K=1.0000]  
Humidity:  
Inspector:

## Isocandela (sphere)



Imax (100%): 10629 cd

( 10%): 1063 cd  
( 25%): 2657 cd  
( 63%): 6696 cd

( 16%): 1701 cd  
( 40%): 4252 cd  
(100%): 10629 cd

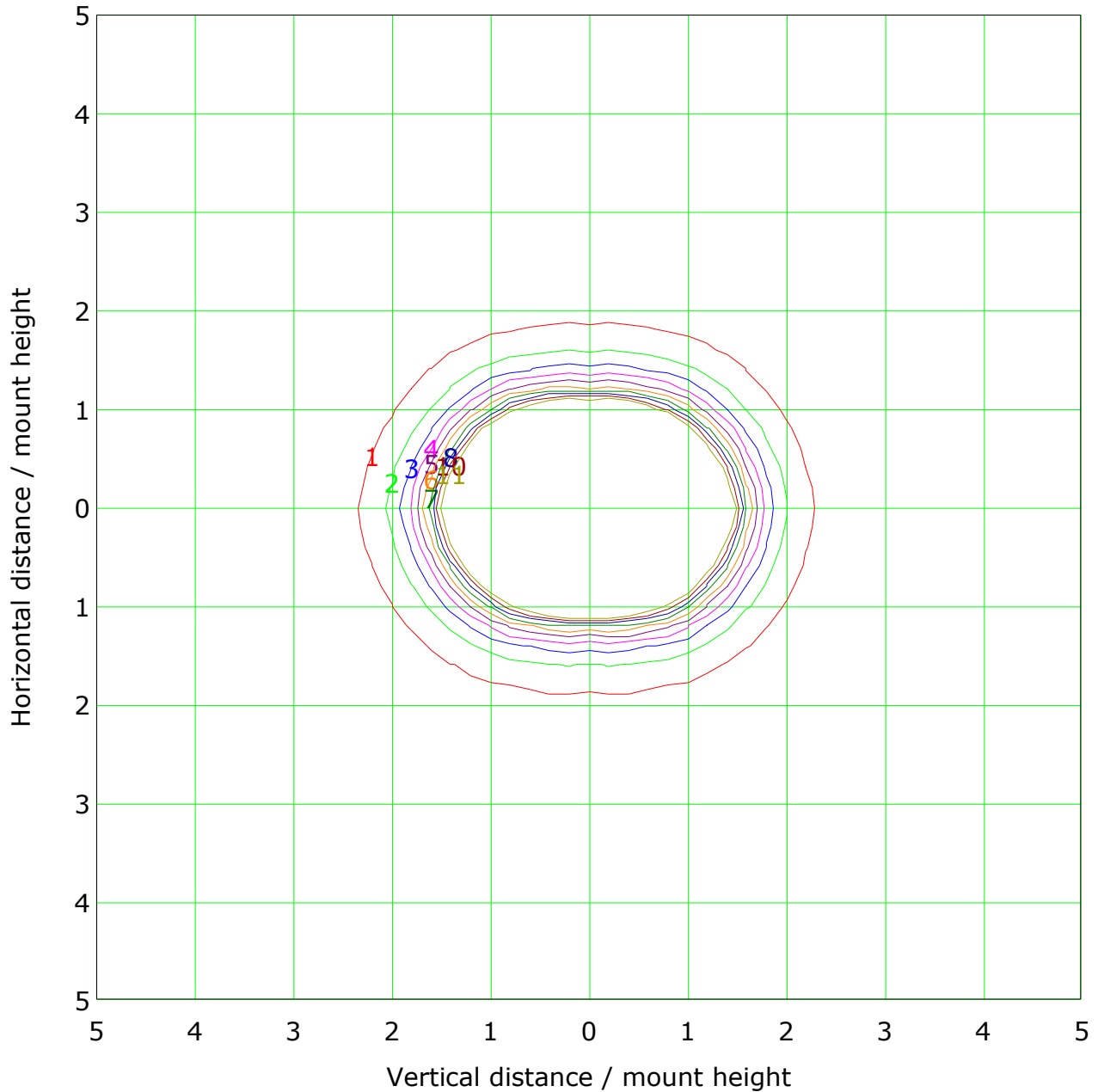
CIE: narrow - short  
CIE: Full-cut-off luminaire  
Max.At90: 0.412 cd/klm

IES: Cut-off  
Max.At80: 7.828 cd/klm  
Max.80-90: 7.828 cd/klm

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.4 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.140 m [K=1.0000]  
Humidity:  
Inspector:

## IsoLux Plot



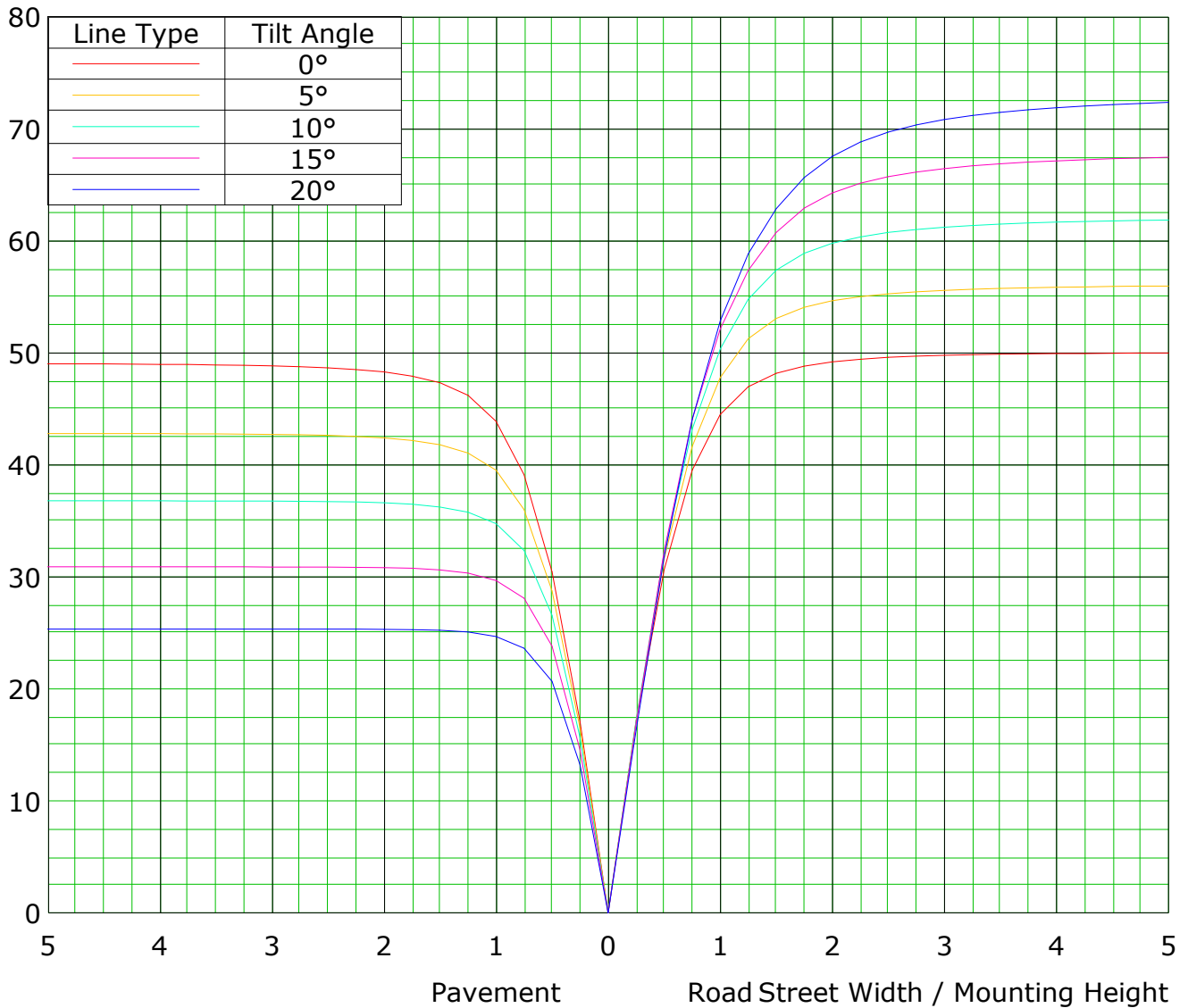
Mounting Height: 10.0m		Max Lux(100%): 106.2 lx	
( 1%):	1.1 lx	( 2%):	2.1 lx
( 3%):	3.2 lx	( 4%):	4.2 lx
( 5%):	5.3 lx	( 6%):	6.4 lx
( 7%):	7.4 lx	( 8%):	8.5 lx
( 9%):	9.6 lx	( 10%):	10.6 lx

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.4 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.140 m [K=1.0000]  
Humidity:  
Inspector:

## Roadway CU Curve

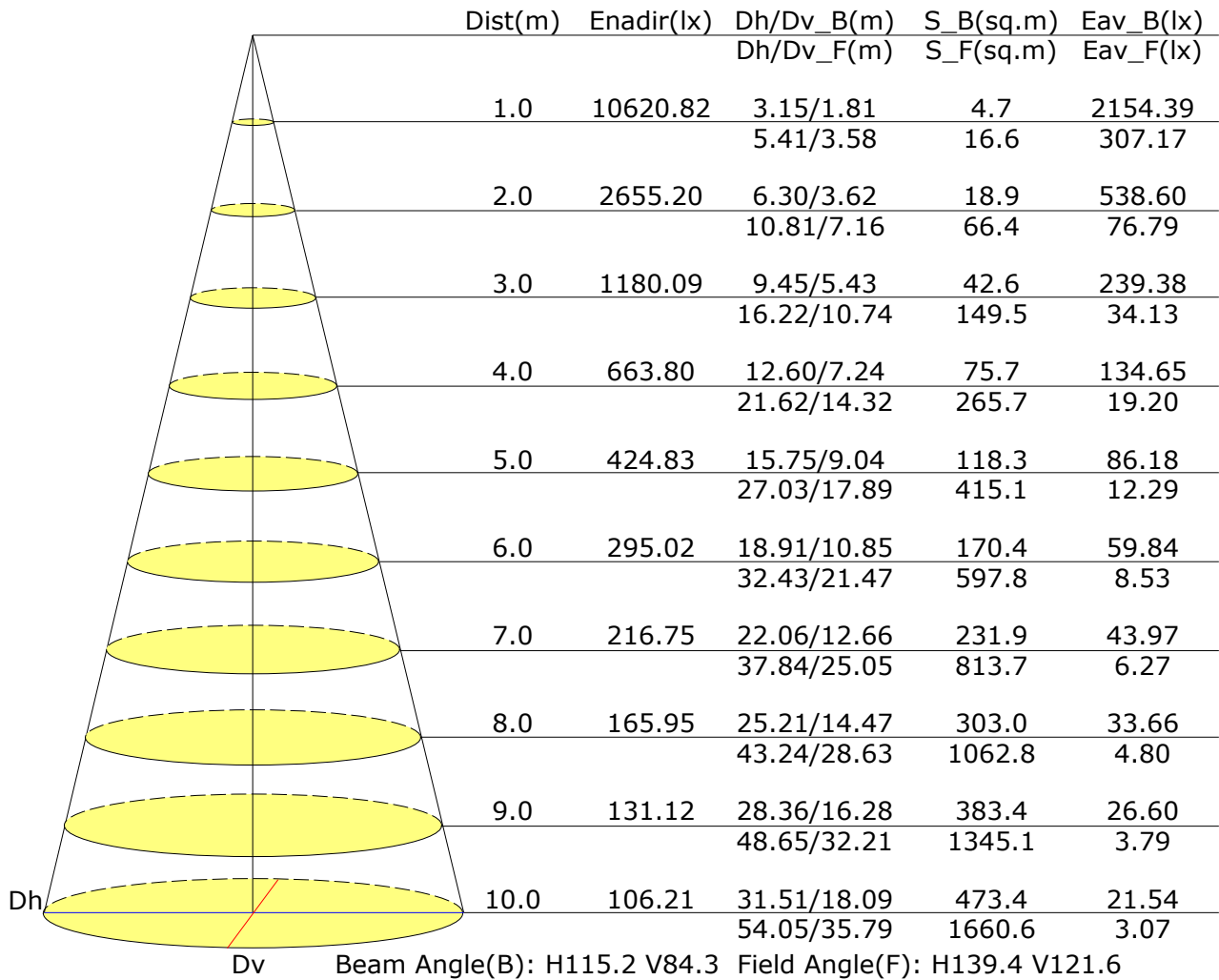
Efficiency(%)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.4 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.140 m [K=1.0000]  
Humidity:  
Inspector:

## Illuminance at a Distance

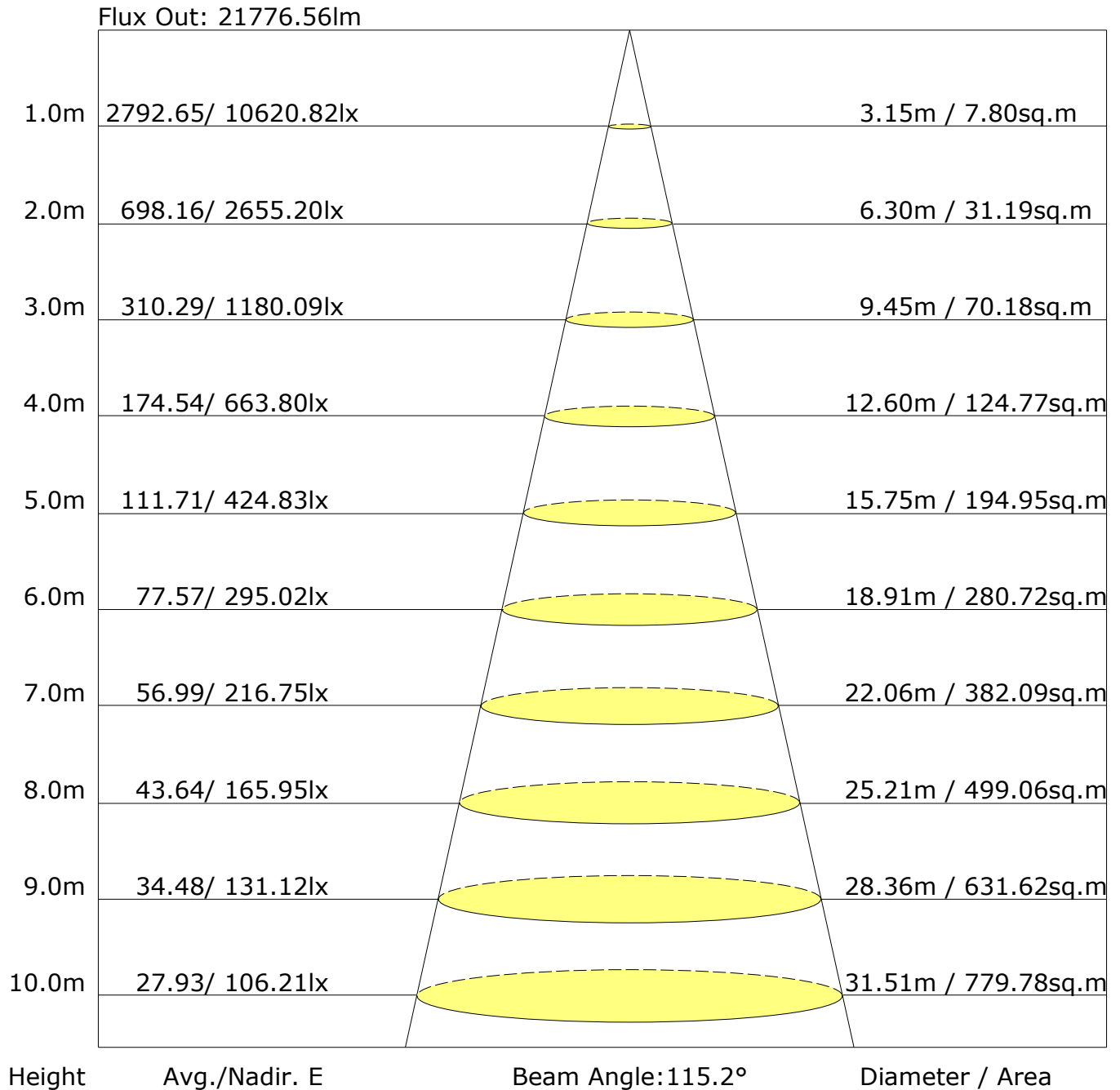


C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.4 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.140 m [K=1.0000]  
Humidity:  
Inspector:



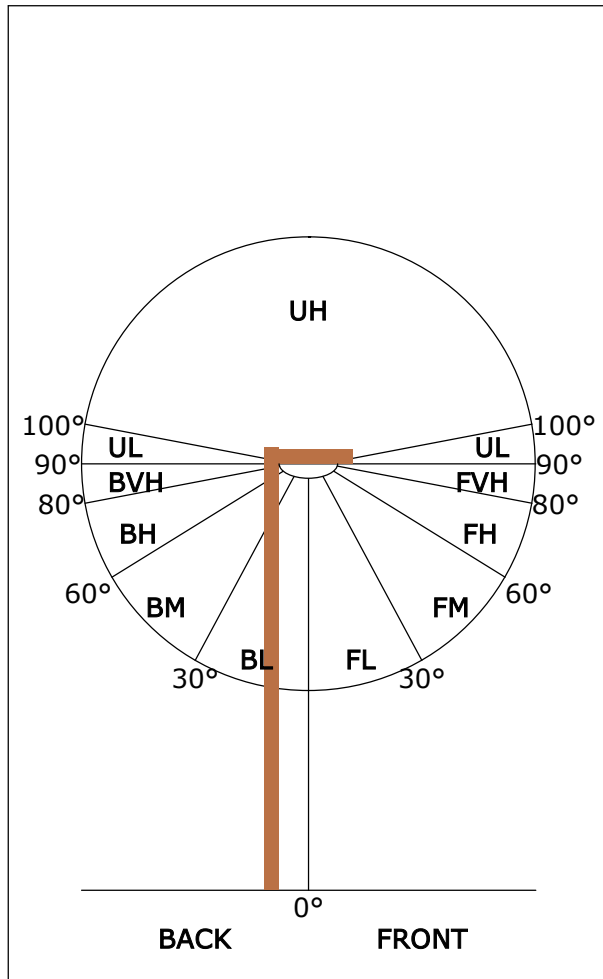
## The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	12224	50.3
FL ( 0°-30°)	4230	17.4
FM (30°-60°)	7052	29.0
FH (60°-80°)	915	3.8
FVH (80°-90°)	28	0.1
BACK LIGHT	11987	49.4
BL ( 0°-30°)	4220	17.4
BM (30°-60°)	6876	28.3
BH (60°-80°)	866	3.6
BVH (80°-90°)	25	0.1
UP LIGHT	69	0.3
UL (90°-100°)	4	0.0
UH (100°-180°)	66	0.3
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B4 U2 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B4 U2 G1

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
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Temperature: 25.4 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.140 m [K=1.0000]  
Humidity:  
Inspector:

## Zonal Lumen

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	10620.1	10.2	10.2	0.04	0.04
1.0-2.0	10618.0	30.5	40.6	0.13	0.17
2.0-3.0	10613.6	50.8	91.4	0.21	0.38
3.0-4.0	10606.7	71.0	162.4	0.29	0.67
4.0-5.0	10597.4	91.2	253.6	0.38	1.04
5.0-6.0	10585.8	111.3	364.9	0.46	1.50
6.0-7.0	10571.3	131.2	496.1	0.54	2.04
7.0-8.0	10555.0	151.1	647.2	0.62	2.67
8.0-9.0	10536.7	170.8	818.0	0.70	3.37
9.0-10.0	10515.5	190.3	1008.3	0.78	4.15
10.0-11.0	10492.7	209.7	1218.0	0.86	5.02
11.0-12.0	10467.5	228.8	1446.8	0.94	5.96
12.0-13.0	10439.9	247.8	1694.6	1.02	6.98
13.0-14.0	10409.4	266.5	1961.1	1.10	8.08
14.0-15.0	10376.6	284.9	2246.0	1.17	9.25
15.0-16.0	10341.2	303.1	2549.1	1.25	10.50
16.0-17.0	10303.2	320.9	2870.0	1.32	11.82
17.0-18.0	10262.2	338.4	3208.4	1.39	13.21
18.0-19.0	10217.4	355.5	3563.9	1.46	14.68
19.0-20.0	10169.3	372.3	3936.1	1.53	16.21
20.0-21.0	10116.8	388.5	4324.7	1.60	17.81
21.0-22.0	10059.4	404.3	4729.0	1.67	19.48
22.0-23.0	9994.7	419.4	5148.4	1.73	21.20
23.0-24.0	9923.0	433.9	5582.3	1.79	22.99
24.0-25.0	9845.1	447.7	6030.0	1.84	24.83
25.0-26.0	9760.5	460.8	6490.8	1.90	26.73
26.0-27.0	9670.1	473.2	6964.0	1.95	28.68
27.0-28.0	9573.4	484.8	7448.7	2.00	30.68
28.0-29.0	9471.0	495.6	7944.3	2.04	32.72
29.0-30.0	9358.7	505.4	8449.7	2.08	34.80
30.0-31.0	9237.7	514.1	8963.8	2.12	36.92
31.0-32.0	9113.7	522.2	9486.0	2.15	39.07
32.0-33.0	8985.0	529.4	10015.4	2.18	41.25
33.0-34.0	8854.4	535.9	10551.3	2.21	43.46
34.0-35.0	8721.8	541.7	11093.1	2.23	45.69
35.0-36.0	8582.8	546.6	11639.6	2.25	47.94

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 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	8440.0	550.5	12190.1	2.27	50.20
37.0-38.0	8293.0	553.6	12743.8	2.28	52.49
38.0-39.0	8134.9	555.3	13299.1	2.29	54.77
39.0-40.0	7962.2	555.4	13854.5	2.29	57.06
40.0-41.0	7772.0	553.5	14408.0	2.28	59.34
41.0-42.0	7563.9	549.6	14957.6	2.26	61.60
42.0-43.0	7343.4	544.0	15501.7	2.24	63.84
43.0-44.0	7108.2	536.6	16038.2	2.21	66.05
44.0-45.0	6853.0	526.7	16565.0	2.17	68.22
45.0-46.0	6582.4	514.8	17079.8	2.12	70.34
46.0-47.0	6303.5	501.4	17581.2	2.07	72.41
47.0-48.0	6015.6	486.4	18067.6	2.00	74.41
48.0-49.0	5718.3	469.7	18537.2	1.93	76.35
49.0-50.0	5416.6	451.7	18988.9	1.86	78.21
50.0-51.0	5117.0	433.0	19421.9	1.78	79.99
51.0-52.0	4823.8	414.0	19835.9	1.70	81.69
52.0-53.0	4537.2	394.7	20230.6	1.63	83.32
53.0-54.0	4256.4	375.2	20605.8	1.55	84.86
54.0-55.0	3970.0	354.4	20960.3	1.46	86.32
55.0-56.0	3673.5	332.0	21292.3	1.37	87.69
56.0-57.0	3371.8	308.3	21600.6	1.27	88.96
57.0-58.0	3067.6	283.7	21884.3	1.17	90.13
58.0-59.0	2767.4	258.8	22143.1	1.07	91.20
59.0-60.0	2483.3	234.6	22377.7	0.97	92.16
60.0-61.0	2220.6	211.9	22589.6	0.87	93.04
61.0-62.0	1982.2	191.0	22780.7	0.79	93.82
62.0-63.0	1769.8	172.1	22952.8	0.71	94.53
63.0-64.0	1578.7	154.9	23107.8	0.64	95.17
64.0-65.0	1405.9	139.1	23246.9	0.57	95.74
65.0-66.0	1249.9	124.7	23371.6	0.51	96.26
66.0-67.0	1110.5	111.7	23483.3	0.46	96.72
67.0-68.0	984.7	99.8	23583.1	0.41	97.13
68.0-69.0	872.6	89.0	23672.1	0.37	97.49
69.0-70.0	771.6	79.3	23751.3	0.33	97.82
70.0-71.0	679.8	70.3	23821.6	0.29	98.11
71.0-72.0	597.9	62.2	23883.8	0.26	98.37

C Plane (°):0.0-360.0: 22.5  
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 Test Type: TYPE C  
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 Operator:

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 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 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 [%]
72.0-73.0	524.5	54.9	23938.7	0.23	98.59
73.0-74.0	457.8	48.1	23986.8	0.20	98.79
74.0-75.0	394.4	41.7	24028.5	0.17	98.96
75.0-76.0	336.1	35.7	24064.1	0.15	99.11
76.0-77.0	284.9	30.4	24094.5	0.13	99.23
77.0-78.0	239.1	25.6	24120.1	0.11	99.34
78.0-79.0	197.2	21.2	24141.3	0.09	99.43
79.0-80.0	158.6	17.1	24158.4	0.07	99.50
80.0-81.0	125.3	13.6	24172.0	0.06	99.55
81.0-82.0	97.8	10.6	24182.6	0.04	99.60
82.0-83.0	74.4	8.1	24190.7	0.03	99.63
83.0-84.0	56.1	6.1	24196.8	0.03	99.65
84.0-85.0	42.4	4.6	24201.4	0.02	99.67
85.0-86.0	32.8	3.6	24205.0	0.01	99.69
86.0-87.0	25.4	2.8	24207.8	0.01	99.70
87.0-88.0	17.5	1.9	24209.7	0.01	99.71
88.0-89.0	9.5	1.0	24210.7	0.00	99.71
89.0-90.0	4.8	0.5	24211.3	0.00	99.71
90.0-91.0	4.2	0.5	24211.7	0.00	99.72
91.0-92.0	4.4	0.5	24212.2	0.00	99.72
92.0-93.0	3.8	0.4	24212.6	0.00	99.72
93.0-94.0	3.5	0.4	24213.0	0.00	99.72
94.0-95.0	4.1	0.5	24213.4	0.00	99.72
95.0-96.0	3.9	0.4	24213.9	0.00	99.72
96.0-97.0	3.3	0.4	24214.2	0.00	99.73
97.0-98.0	3.3	0.4	24214.6	0.00	99.73
98.0-99.0	2.5	0.3	24214.9	0.00	99.73
99.0-100.0	2.7	0.3	24215.2	0.00	99.73
100.0-101.0	3.2	0.3	24215.5	0.00	99.73
101.0-102.0	3.4	0.4	24215.9	0.00	99.73
102.0-103.0	3.3	0.4	24216.2	0.00	99.73
103.0-104.0	3.0	0.3	24216.5	0.00	99.74
104.0-105.0	3.5	0.4	24216.9	0.00	99.74
105.0-106.0	3.1	0.3	24217.2	0.00	99.74
106.0-107.0	3.3	0.3	24217.6	0.00	99.74
107.0-108.0	3.0	0.3	24217.9	0.00	99.74

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	2.1	0.2	24218.1	0.00	99.74
109.0-110.0	2.9	0.3	24218.4	0.00	99.74
110.0-111.0	4.2	0.4	24218.9	0.00	99.75
111.0-112.0	4.7	0.5	24219.3	0.00	99.75
112.0-113.0	4.0	0.4	24219.8	0.00	99.75
113.0-114.0	3.6	0.4	24220.1	0.00	99.75
114.0-115.0	4.6	0.5	24220.6	0.00	99.75
115.0-116.0	6.2	0.6	24221.2	0.00	99.75
116.0-117.0	6.0	0.6	24221.8	0.00	99.76
117.0-118.0	6.4	0.6	24222.4	0.00	99.76
118.0-119.0	7.8	0.8	24223.1	0.00	99.76
119.0-120.0	7.5	0.7	24223.9	0.00	99.77
120.0-121.0	6.7	0.6	24224.5	0.00	99.77
121.0-122.0	7.5	0.7	24225.2	0.00	99.77
122.0-123.0	8.2	0.8	24226.0	0.00	99.77
123.0-124.0	8.1	0.7	24226.7	0.00	99.78
124.0-125.0	8.5	0.8	24227.5	0.00	99.78
125.0-126.0	9.7	0.9	24228.3	0.00	99.78
126.0-127.0	10.9	1.0	24229.3	0.00	99.79
127.0-128.0	11.3	1.0	24230.3	0.00	99.79
128.0-129.0	11.6	1.0	24231.3	0.00	99.80
129.0-130.0	11.9	1.0	24232.3	0.00	99.80
130.0-131.0	12.7	1.1	24233.3	0.00	99.80
131.0-132.0	13.0	1.1	24234.4	0.00	99.81
132.0-133.0	13.8	1.1	24235.5	0.00	99.81
133.0-134.0	14.2	1.1	24236.7	0.00	99.82
134.0-135.0	14.7	1.1	24237.8	0.00	99.82
135.0-136.0	15.8	1.2	24239.0	0.00	99.83
136.0-137.0	16.3	1.2	24240.3	0.01	99.83
137.0-138.0	16.7	1.2	24241.5	0.01	99.84
138.0-139.0	16.9	1.2	24242.7	0.01	99.84
139.0-140.0	17.8	1.3	24244.0	0.01	99.85
140.0-141.0	18.5	1.3	24245.3	0.01	99.85
141.0-142.0	19.1	1.3	24246.6	0.01	99.86
142.0-143.0	19.9	1.3	24247.9	0.01	99.86
143.0-144.0	19.9	1.3	24249.2	0.01	99.87

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 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 [%]
144.0-145.0	20.4	1.3	24250.5	0.01	99.88
145.0-146.0	21.1	1.3	24251.8	0.01	99.88
146.0-147.0	22.2	1.3	24253.2	0.01	99.89
147.0-148.0	23.1	1.4	24254.5	0.01	99.89
148.0-149.0	23.4	1.3	24255.9	0.01	99.90
149.0-150.0	23.9	1.3	24257.2	0.01	99.90
150.0-151.0	23.8	1.3	24258.5	0.01	99.91
151.0-152.0	24.8	1.3	24259.8	0.01	99.91
152.0-153.0	26.1	1.3	24261.1	0.01	99.92
153.0-154.0	26.3	1.3	24262.4	0.01	99.92
154.0-155.0	26.3	1.2	24263.6	0.01	99.93
155.0-156.0	26.8	1.2	24264.8	0.01	99.93
156.0-157.0	27.6	1.2	24266.1	0.00	99.94
157.0-158.0	28.1	1.2	24267.2	0.00	99.94
158.0-159.0	28.0	1.1	24268.4	0.00	99.95
159.0-160.0	27.8	1.1	24269.4	0.00	99.95
160.0-161.0	27.9	1.0	24270.4	0.00	99.96
161.0-162.0	28.0	1.0	24271.4	0.00	99.96
162.0-163.0	28.8	1.0	24272.4	0.00	99.97
163.0-164.0	29.1	0.9	24273.3	0.00	99.97
164.0-165.0	29.9	0.9	24274.1	0.00	99.97
165.0-166.0	29.4	0.8	24275.0	0.00	99.98
166.0-167.0	28.8	0.7	24275.7	0.00	99.98
167.0-168.0	30.5	0.7	24276.4	0.00	99.98
168.0-169.0	31.0	0.7	24277.1	0.00	99.98
169.0-170.0	31.5	0.6	24277.7	0.00	99.99
170.0-171.0	31.6	0.6	24278.3	0.00	99.99
171.0-172.0	31.6	0.5	24278.8	0.00	99.99
172.0-173.0	32.2	0.5	24279.3	0.00	99.99
173.0-174.0	32.1	0.4	24279.7	0.00	100.00
174.0-175.0	31.4	0.3	24280.0	0.00	100.00
175.0-176.0	31.0	0.3	24280.3	0.00	100.00
176.0-177.0	31.0	0.2	24280.5	0.00	100.00
177.0-178.0	31.3	0.1	24280.6	0.00	100.00
178.0-179.0	31.2	0.1	24280.7	0.00	100.00
179.0-180.0	31.0	0.0	24280.7	0.00	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 5)

cone flux(90°): 16564.97 lm

%lum = 68.2%

%lamp = 68.2%

cone flux(120°): 22377.70 lm

%lum = 92.2%

%lamp = 92.2%



## Candlepower Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	10620.8	10620.8	10620.8	10620.8	10620.8	10620.8	10620.8	10620.8	10620.8	10620.8
G1.0	10619.0	10616.9	10621.9	10619.0	10620.1	10625.1	10619.4	10621.9	10625.8	10614.1
G2.0	10620.5	10620.5	10619.4	10611.1	10616.5	10614.0	10615.8	10620.5	10620.5	10618.3
G3.0	10614.4	10620.1	10615.5	10605.0	10605.4	10602.9	10611.1	10617.2	10621.2	10611.2
G4.0	10626.5	10614.4	10607.6	10591.0	10584.7	10597.9	10600.0	10614.4	10615.1	10606.6
G5.0	10629.0	10611.6	10597.2	10574.5	10564.6	10578.5	10586.7	10608.0	10606.3	10603.8
G6.0	10619.0	10605.5	10580.5	10554.4	10542.1	10556.3	10574.5	10608.3	10620.8	10603.4
G7.0	10613.4	10592.0	10565.8	10529.7	10511.3	10533.7	10561.6	10602.9	10613.0	10598.4
G8.0	10614.1	10595.9	10550.1	10499.9	10479.9	10505.7	10550.8	10591.9	10606.3	10593.5
G9.0	10618.0	10584.2	10526.9	10469.4	10445.2	10468.0	10528.2	10584.7	10605.5	10575.3
G10.0	10607.7	10581.4	10504.7	10430.6	10399.4	10434.3	10507.8	10572.2	10598.1	10566.1
G11.0	10610.5	10571.8	10481.5	10396.5	10356.8	10397.0	10481.6	10556.8	10596.3	10560.1
G12.0	10612.6	10567.9	10454.7	10349.9	10308.9	10352.2	10452.2	10542.5	10593.1	10541.2
G13.0	10613.7	10557.6	10431.2	10302.9	10259.1	10299.8	10422.0	10526.4	10585.6	10530.9
G14.0	10607.3	10543.4	10396.9	10254.1	10203.3	10252.9	10392.6	10511.4	10576.1	10514.2
G15.0	10602.3	10529.5	10367.9	10201.3	10142.5	10208.0	10353.1	10493.2	10565.4	10496.8
G16.0	10590.6	10514.2	10331.1	10142.5	10074.2	10153.2	10319.7	10466.7	10561.5	10480.1
G17.0	10580.0	10501.8	10289.7	10086.1	10005.1	10087.9	10282.8	10460.7	10551.9	10464.1
G18.0	10581.7	10484.7	10252.6	10013.3	9921.4	10028.0	10241.8	10441.0	10538.4	10440.7
G19.0	10577.1	10476.2	10214.7	9944.0	9834.9	9959.5	10197.7	10413.5	10528.1	10417.2
G20.0	10571.1	10454.9	10176.1	9864.4	9740.8	9884.9	10154.6	10387.0	10513.2	10392.4
G21.0	10568.6	10435.7	10125.4	9779.7	9633.5	9797.4	10108.3	10371.3	10499.7	10372.1
G22.0	10560.4	10416.9	10075.7	9687.1	9517.6	9698.1	10057.0	10344.5	10487.2	10345.5
G23.0	10555.1	10389.9	10015.0	9571.2	9379.1	9600.5	9998.2	10308.7	10472.0	10313.9
G24.0	10546.6	10367.9	9953.6	9456.7	9237.1	9485.4	9935.0	10273.7	10453.5	10289.0
G25.0	10535.2	10343.0	9884.3	9329.7	9079.3	9354.5	9865.8	10253.0	10431.1	10255.2
G26.0	10526.7	10316.4	9810.0	9189.4	8896.2	9214.3	9792.5	10219.7	10414.0	10221.8
G27.0	10524.9	10292.2	9727.5	9032.6	8744.5	9055.8	9707.1	10185.8	10394.5	10188.8
G28.0	10526.7	10268.7	9635.0	8865.3	8535.2	8871.1	9619.9	10157.2	10375.0	10149.0
G29.0	10518.1	10239.6	9548.2	8713.9	8332.0	8738.4	9520.9	10116.4	10355.8	10105.0
G30.0	10503.6	10205.9	9430.7	8522.6	8128.8	8543.6	9408.9	10070.6	10329.8	10051.3
G31.0	10497.5	10166.8	9311.0	8312.0	7920.6	8350.0	9272.9	10028.8	10306.8	9998.7
G32.0	10490.8	10122.7	9179.5	8112.1	7714.2	8149.9	9132.6	9969.5	10275.1	9936.9
G33.0	10452.8	10070.9	9029.9	7909.7	7523.9	7949.7	8982.9	9906.2	10244.2	9867.6
G34.0	10434.3	10007.3	8862.4	7724.6	7341.8	7738.5	8837.9	9841.5	10216.2	9790.2
G35.0	10400.2	9934.4	8713.4	7531.9	7160.1	7554.5	8679.3	9763.2	10183.5	9703.5
G36.0	10369.3	9859.1	8523.0	7339.2	7002.3	7359.8	8483.4	9672.7	10140.1	9594.8

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	10324.9	9772.8	8316.9	7172.3	6822.7	7189.8	8287.8	9573.0	10086.8	9482.5
G38.0	10260.6	9666.6	8119.4	7018.7	6631.7	7020.9	8091.5	9467.5	10031.1	9358.5
G39.0	10201.2	9546.5	7935.8	6851.5	6409.2	6844.4	7882.3	9333.5	9966.0	9217.5
G40.0	10121.7	9404.7	7731.8	6670.3	6162.4	6654.7	7675.6	9190.5	9885.8	9065.8
G41.0	10033.2	9252.0	7547.5	6436.7	5857.9	6439.2	7478.9	9046.4	9797.7	8862.6
G42.0	9929.1	9063.7	7351.4	6191.9	5494.8	6200.7	7280.1	8852.6	9691.1	8702.7
G43.0	9800.1	8860.4	7172.1	5919.6	5143.9	5928.1	7091.0	8703.6	9560.0	8492.0
G44.0	9666.2	8668.6	6989.2	5607.4	4771.1	5623.0	6900.8	8476.2	9416.1	8267.9
G45.0	9516.6	8413.2	6785.6	5276.9	4394.8	5299.5	6703.7	8237.8	9256.2	7993.6
G46.0	9339.7	8149.2	6568.1	4935.6	4029.5	4937.3	6490.2	7982.5	9066.5	7731.0
G47.0	9135.4	7875.6	6344.5	4604.0	3687.2	4603.4	6268.8	7715.8	8828.1	7451.1
G48.0	8901.3	7588.6	6102.0	4267.1	3325.5	4271.3	6028.0	7433.8	8636.6	7150.9
G49.0	8676.1	7275.2	5814.8	3925.1	3021.1	3933.8	5769.9	7105.6	8387.2	6855.7
G50.0	8406.1	6956.2	5530.8	3554.4	2739.2	3597.8	5489.7	6823.9	8134.3	6525.3
G51.0	8136.8	6636.8	5235.0	3241.8	2493.8	3282.2	5172.4	6482.5	7864.6	6226.8
G52.0	7858.6	6292.6	4924.6	2951.9	2280.6	2966.2	4863.4	6171.8	7559.1	5927.7
G53.0	7575.8	5985.2	4598.5	2689.9	2092.8	2704.8	4545.8	5865.4	7248.6	5631.8
G54.0	7231.5	5689.7	4262.0	2456.7	1905.7	2476.0	4211.0	5559.1	6900.8	5327.6
G55.0	6848.2	5379.2	3883.8	2234.5	1759.7	2267.3	3869.7	5201.2	6500.4	4963.5
G56.0	6383.5	5002.2	3545.9	2053.7	1625.9	2062.5	3497.9	4850.1	5983.5	4597.9
G57.0	5859.5	4604.3	3217.6	1883.6	1504.6	1895.7	3171.7	4459.7	5444.5	4191.5
G58.0	5292.5	4165.9	2910.1	1736.1	1379.4	1744.7	2860.9	4034.3	4878.9	3765.5
G59.0	4723.3	3722.2	2605.7	1602.3	1275.3	1611.0	2580.6	3605.7	4340.3	3319.3
G60.0	4187.6	3301.9	2351.0	1462.3	1169.8	1481.5	2325.1	3197.8	3825.6	2940.2
G61.0	3662.1	2892.3	2127.5	1347.1	1068.6	1365.7	2076.1	2794.2	3334.2	2604.8
G62.0	3231.5	2557.2	1919.2	1233.4	980.9	1233.3	1875.1	2473.5	2940.9	2308.9
G63.0	2853.2	2260.6	1724.2	1123.2	899.0	1122.2	1689.6	2180.0	2572.5	2020.1
G64.0	2518.2	2000.9	1533.8	1019.5	825.3	1022.8	1519.8	1911.5	2242.5	1783.5
G65.0	2177.1	1749.4	1378.8	932.6	752.0	931.0	1347.6	1678.4	1951.9	1565.7
G66.0	1899.3	1555.0	1234.5	859.4	675.0	856.4	1208.0	1480.4	1679.7	1376.7
G67.0	1643.8	1363.5	1104.1	781.9	611.0	780.0	1079.1	1303.8	1463.7	1214.7
G68.0	1428.5	1205.4	974.1	708.4	558.1	702.2	955.3	1144.7	1280.7	1062.3
G69.0	1244.9	1064.7	865.1	640.5	505.1	638.0	843.7	1006.0	1106.3	938.3
G70.0	1073.3	929.0	760.8	574.2	452.2	574.2	740.7	873.0	968.8	824.2
G71.0	930.5	814.6	679.4	509.9	398.9	499.9	654.2	775.4	839.9	732.6
G72.0	813.2	715.9	596.2	455.0	364.5	447.2	582.4	682.5	723.3	632.0
G73.0	699.9	632.7	515.4	403.3	324.8	395.6	503.1	598.1	618.5	554.2

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	600.8	555.3	452.6	355.3	289.4	354.7	432.4	518.0	519.1	479.3
G75.0	503.8	475.7	385.8	306.8	255.8	303.4	369.3	437.2	439.8	402.9
G76.0	425.3	407.5	324.0	266.3	218.9	261.8	309.4	375.0	368.4	344.3
G77.0	354.9	346.0	271.1	230.0	186.4	221.6	255.9	316.7	304.1	287.4
G78.0	292.0	290.3	231.8	191.3	163.5	191.5	207.1	264.5	246.9	235.2
G79.0	239.1	238.0	192.5	160.4	127.4	153.8	169.7	213.8	195.0	191.1
G80.0	190.1	186.2	146.1	130.3	103.4	129.1	137.4	170.2	153.1	143.5
G81.0	151.0	149.9	120.7	103.7	76.6	97.2	106.2	131.2	119.0	112.6
G82.0	114.8	115.8	93.2	81.8	63.0	73.2	80.7	101.9	82.8	89.2
G83.0	85.3	89.2	75.0	54.2	49.4	59.9	58.5	79.7	54.7	65.0
G84.0	59.3	65.0	57.5	46.7	42.2	44.1	46.3	59.3	37.3	43.3
G85.0	39.4	47.3	47.5	29.1	33.3	33.4	38.4	44.7	18.5	31.3
G86.0	32.0	27.4	35.4	27.6	24.3	30.8	29.8	31.8	18.8	24.5
G87.0	19.5	29.5	27.5	29.1	18.6	23.3	19.4	22.9	8.5	20.6
G88.0	13.9	17.4	20.4	20.1	17.2	14.0	14.7	19.3	0.0	11.0
G89.0	0.0	11.0	14.6	11.1	0.0	0.0	7.5	11.4	0.0	0.0
G90.0	0.0	0.0	8.2	8.6	9.3	0.0	0.0	7.5	0.0	0.0
G91.0	0.0	0.0	9.3	10.8	8.9	0.0	7.2	8.9	0.0	0.0
G92.0	0.0	0.0	0.0	9.7	9.7	8.3	0.0	10.0	0.0	0.0
G93.0	0.0	0.0	8.2	10.4	0.0	8.6	0.0	11.8	0.0	0.0
G94.0	0.0	0.0	8.6	8.6	0.0	7.9	0.0	7.9	0.0	0.0
G95.0	0.0	8.2	9.6	10.0	7.5	7.2	0.0	12.2	0.0	0.0
G96.0	0.0	0.0	0.0	8.3	13.2	7.5	0.0	8.9	0.0	0.0
G97.0	0.0	0.0	7.1	9.0	0.0	7.5	0.0	11.4	0.0	0.0
G98.0	0.0	0.0	0.0	8.3	10.7	0.0	0.0	9.7	0.0	0.0
G99.0	0.0	0.0	7.5	10.0	0.0	7.5	0.0	10.0	0.0	0.0
G100.0	0.0	0.0	7.9	0.0	0.0	7.5	0.0	9.3	0.0	0.0
G101.0	0.0	0.0	7.9	9.0	0.0	7.2	0.0	9.3	0.0	0.0
G102.0	0.0	0.0	7.1	10.0	0.0	7.5	0.0	8.9	0.0	0.0
G103.0	0.0	0.0	7.1	8.6	0.0	9.3	0.0	8.9	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	8.9	0.0	0.0
G105.0	0.0	0.0	0.0	11.1	7.9	7.9	0.0	10.0	0.0	7.1
G106.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0
G107.0	0.0	0.0	9.3	0.0	8.6	0.0	0.0	7.9	0.0	0.0
G108.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	11.1	0.0	0.0
G109.0	0.0	0.0	9.3	9.0	7.9	0.0	0.0	10.0	0.0	0.0
G110.0	0.0	0.0	7.9	0.0	7.5	0.0	0.0	10.4	0.0	0.0

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	0.0	0.0	8.9	11.1	8.2	7.2	0.0	8.2	0.0	0.0
G112.0	0.0	8.2	8.2	10.0	7.2	7.5	0.0	10.7	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	9.7	0.0	9.7	11.1	0.0	0.0
G114.0	0.0	0.0	7.5	8.3	0.0	0.0	0.0	14.3	0.0	0.0
G115.0	0.0	7.5	11.4	9.3	0.0	7.2	0.0	16.8	0.0	0.0
G116.0	0.0	7.1	7.9	8.6	11.1	0.0	7.5	12.2	0.0	0.0
G117.0	0.0	0.0	7.5	11.1	8.9	0.0	0.0	13.2	0.0	0.0
G118.0	0.0	7.5	11.8	14.0	7.5	9.0	7.9	15.0	0.0	7.8
G119.0	0.0	11.0	10.7	10.4	8.6	0.0	7.9	15.4	0.0	8.2
G120.0	0.0	7.5	9.3	11.1	11.4	9.7	0.0	16.1	0.0	0.0
G121.0	0.0	0.0	13.2	10.8	8.9	0.0	0.0	16.8	0.0	8.9
G122.0	0.0	10.7	15.4	10.0	0.0	8.3	7.2	14.7	0.0	7.5
G123.0	0.0	12.4	12.5	10.0	11.8	9.3	0.0	15.7	0.0	0.0
G124.0	0.0	7.1	12.1	8.6	0.0	9.0	7.2	15.7	0.0	11.7
G125.0	0.0	0.0	9.3	13.3	9.3	11.5	11.1	14.3	0.0	0.0
G126.0	7.1	11.4	16.1	11.5	13.9	11.5	12.9	14.3	0.0	8.2
G127.0	9.2	10.7	14.6	12.2	10.0	14.7	11.5	13.2	0.0	8.2
G128.0	7.8	12.8	12.9	11.1	12.5	14.0	10.8	19.0	0.0	11.0
G129.0	9.2	12.8	13.6	9.0	11.1	8.3	12.2	16.8	0.0	9.2
G130.0	7.1	13.5	15.0	13.6	14.3	11.8	11.5	18.6	0.0	10.3
G131.0	12.4	16.0	12.5	11.8	15.7	13.6	10.8	17.9	0.0	12.4
G132.0	8.2	0.0	12.9	11.8	13.2	15.4	16.2	19.7	7.1	12.8
G133.0	8.5	18.5	16.1	17.9	17.5	12.9	15.1	21.5	0.0	9.6
G134.0	9.6	14.2	13.6	15.4	19.0	13.6	15.1	18.2	0.0	12.4
G135.0	11.0	15.6	16.1	16.5	15.7	14.7	19.0	17.9	9.2	13.9
G136.0	14.6	16.0	16.4	19.4	16.8	17.2	18.3	19.3	0.0	15.6
G137.0	12.1	17.4	15.7	16.5	12.9	17.2	19.7	19.7	10.3	16.7
G138.0	11.4	19.5	18.9	21.9	15.7	19.4	19.0	19.0	8.2	14.2
G139.0	12.8	17.8	18.2	21.2	17.9	19.4	17.6	21.5	11.0	19.2
G140.0	17.4	17.8	19.3	18.3	19.3	23.0	19.7	25.4	12.1	13.5
G141.0	13.1	24.2	22.1	19.7	20.0	17.9	15.1	22.5	9.9	16.7
G142.0	13.9	21.0	17.9	21.2	20.0	21.5	18.7	27.2	13.5	16.0
G143.0	16.3	19.2	20.4	20.8	21.8	19.7	24.0	25.0	18.1	15.3
G144.0	18.1	20.6	13.9	19.0	19.7	24.0	21.2	24.0	13.5	15.6
G145.0	15.6	21.7	22.9	24.4	24.7	25.5	22.2	23.6	18.8	17.1
G146.0	21.0	19.2	25.0	19.4	25.0	25.5	23.7	28.6	8.9	19.9
G147.0	17.4	18.8	26.8	26.2	26.8	28.0	25.1	28.2	16.7	18.8

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.4 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.140 m [K=1.0000]  
Humidity:  
Inspector:

## Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	18.8	21.7	22.1	20.5	26.8	24.7	22.2	29.0	14.6	19.5
G149.0	17.8	25.2	28.2	29.1	27.5	19.7	24.8	31.1	16.0	18.5
G150.0	22.7	22.7	27.9	29.4	20.7	27.6	25.5	25.7	10.3	18.8
G151.0	16.3	22.7	21.4	27.3	19.3	28.0	24.8	28.2	18.1	22.0
G152.0	21.0	26.3	27.5	27.3	27.5	28.3	28.0	32.9	21.0	22.4
G153.0	22.0	24.9	30.4	29.4	28.6	30.8	28.0	28.6	17.8	22.4
G154.0	19.9	29.5	30.0	28.0	29.0	22.2	29.8	30.7	18.8	21.7
G155.0	20.6	23.8	27.5	29.1	23.2	30.8	27.6	32.9	12.8	19.9
G156.0	18.1	23.4	32.9	31.6	28.3	28.7	29.4	35.4	18.8	21.0
G157.0	22.4	29.5	28.9	32.3	32.9	32.3	24.4	20.7	20.6	24.5
G158.0	21.3	28.4	31.8	30.1	29.3	33.0	28.4	33.2	19.9	25.2
G159.0	21.3	30.6	30.7	31.6	30.0	23.7	30.1	33.6	15.3	25.6
G160.0	14.2	29.5	31.4	32.3	30.8	29.4	34.8	27.9	18.1	24.5
G161.0	17.8	32.7	27.9	31.2	30.0	32.6	29.1	32.9	17.1	21.0
G162.0	0.0	33.0	24.3	35.2	31.8	32.3	30.5	36.1	21.0	22.7
G163.0	24.9	24.5	33.6	34.8	30.0	29.8	24.0	33.2	22.7	29.1
G164.0	18.5	25.9	31.4	23.7	27.9	31.6	30.1	37.5	22.7	23.4
G165.0	20.6	32.0	34.3	34.1	31.8	33.4	34.8	39.3	21.7	27.7
G166.0	25.9	30.2	35.0	33.4	32.2	33.4	18.7	33.6	20.6	27.4
G167.0	21.0	28.1	34.3	34.1	26.8	34.1	33.7	34.0	19.9	33.4
G168.0	24.9	31.3	32.2	31.6	35.8	30.8	31.6	31.1	18.8	31.3
G169.0	25.2	32.7	32.2	31.9	28.6	36.2	31.2	35.0	19.5	30.2
G170.0	24.5	34.8	33.9	37.7	30.0	21.2	26.6	36.1	24.2	29.1
G171.0	27.7	24.9	33.9	35.9	31.5	29.8	23.0	36.1	18.5	33.4
G172.0	28.1	32.7	38.6	28.4	34.3	32.3	31.9	27.2	26.6	30.6
G173.0	27.7	32.7	34.7	34.8	35.1	37.7	31.2	33.6	25.2	23.1
G174.0	24.2	25.6	35.4	23.7	34.0	26.9	36.6	35.8	25.6	29.8
G175.0	17.4	25.2	33.9	27.3	38.3	30.1	30.5	35.8	22.4	33.0
G176.0	22.4	31.3	35.7	34.5	36.1	34.4	28.0	35.4	20.3	23.4
G177.0	23.4	23.8	35.7	32.7	33.6	34.8	33.4	37.2	21.0	28.1
G178.0	25.9	33.4	35.4	36.2	33.6	33.4	33.0	36.1	24.2	27.7
G179.0	29.1	31.3	30.4	33.7	33.3	33.7	24.8	32.5	21.3	29.1
G180.0	24.9	31.6	36.1	37.0	35.8	28.0	22.6	34.0	21.7	28.8

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	10620.8	10620.8	10620.8	10620.8	10620.8	10620.8	10620.8			
G1.0	10620.5	10616.5	10617.6	10615.8	10617.2	10618.0	10619.0			
G2.0	10615.5	10609.7	10611.2	10614.4	10620.1	10620.5	10620.5			
G3.0	10605.8	10600.4	10598.6	10607.5	10613.3	10618.3	10614.4			
G4.0	10599.0	10587.1	10589.0	10594.3	10604.7	10615.1	10626.5			
G5.0	10584.4	10569.9	10567.1	10580.6	10593.9	10614.7	10629.0			
G6.0	10569.4	10549.4	10543.2	10563.4	10579.9	10605.5	10619.0			
G7.0	10555.1	10517.8	10510.3	10535.1	10567.0	10599.0	10613.4			
G8.0	10538.3	10491.6	10479.9	10506.8	10551.2	10598.7	10614.1			
G9.0	10518.3	10456.5	10443.4	10475.6	10534.0	10587.2	10618.0			
G10.0	10499.0	10427.0	10402.2	10446.5	10513.2	10585.4	10607.7			
G11.0	10472.2	10384.7	10355.7	10404.9	10485.9	10578.6	10610.5			
G12.0	10447.6	10333.7	10307.4	10366.5	10465.4	10572.2	10612.6			
G13.0	10420.8	10290.7	10248.8	10322.1	10437.8	10558.6	10613.7			
G14.0	10386.1	10241.5	10190.5	10268.3	10406.2	10546.5	10607.3			
G15.0	10349.0	10186.6	10127.9	10221.7	10380.4	10535.0	10602.3			
G16.0	10310.8	10127.0	10062.0	10156.0	10353.1	10515.0	10590.6			
G17.0	10268.3	10057.4	9982.6	10094.0	10323.7	10508.9	10580.0			
G18.0	10226.5	9984.2	9895.7	10023.7	10282.0	10489.6	10581.7			
G19.0	10174.7	9909.6	9797.3	9952.3	10236.8	10476.8	10577.1			
G20.0	10127.5	9822.7	9693.9	9860.5	10200.6	10463.2	10571.1			
G21.0	10074.3	9726.6	9576.9	9766.2	10151.1	10441.7	10568.6			
G22.0	10016.8	9622.1	9452.1	9662.6	10103.7	10424.2	10560.4			
G23.0	9948.6	9502.6	9309.7	9548.9	10042.7	10403.5	10555.1			
G24.0	9876.4	9360.9	9151.2	9420.8	9975.9	10392.0	10546.6			
G25.0	9790.3	9220.2	8962.7	9288.2	9909.5	10365.6	10535.2			
G26.0	9704.6	9062.7	8792.1	9131.8	9828.8	10347.3	10526.7			
G27.0	9608.9	8881.1	8606.8	8965.7	9738.7	10321.2	10524.9			
G28.0	9502.1	8720.4	8402.5	8800.8	9646.1	10296.9	10526.7			
G29.0	9382.8	8511.1	8197.2	8623.6	9532.4	10263.7	10518.1			
G30.0	9239.5	8311.6	7973.2	8427.1	9410.0	10223.6	10503.6			
G31.0	9098.8	8113.5	7774.3	8212.6	9282.2	10179.0	10497.5			
G32.0	8945.2	7916.5	7584.0	8018.6	9140.1	10124.6	10490.8			
G33.0	8789.5	7704.8	7407.3	7819.6	8985.8	10064.2	10452.8			
G34.0	8624.8	7512.8	7238.1	7632.0	8832.2	9996.3	10434.3			
G35.0	8434.1	7338.8	7060.3	7449.8	8644.9	9916.6	10400.2			
G36.0	8219.1	7173.7	6897.1	7268.7	8451.1	9829.0	10369.3			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	8020.1	7023.7	6716.5	7116.3	8259.1	9731.0	10324.9			
G38.0	7820.1	6845.4	6499.3	6963.2	8064.6	9620.2	10260.6			
G39.0	7618.6	6663.8	6232.1	6794.6	7850.3	9490.8	10201.2			
G40.0	7433.6	6453.5	5902.3	6593.1	7658.0	9350.3	10121.7			
G41.0	7228.9	6205.2	5565.6	6349.5	7479.3	9171.2	10033.2			
G42.0	7048.9	5929.2	5215.4	6045.4	7314.9	8981.3	9929.1			
G43.0	6876.0	5597.3	4860.9	5753.5	7149.1	8789.4	9800.1			
G44.0	6689.5	5282.6	4461.7	5441.1	6962.5	8542.7	9666.2			
G45.0	6454.5	4955.0	4097.9	5087.2	6762.6	8293.2	9516.6			
G46.0	6227.7	4613.3	3737.3	4746.1	6536.5	8019.0	9339.7			
G47.0	5986.2	4272.1	3397.4	4405.4	6297.8	7729.8	9135.4			
G48.0	5719.8	3885.6	3078.3	4057.9	6033.7	7416.2	8901.3			
G49.0	5452.2	3556.2	2767.8	3718.3	5732.3	7099.5	8676.1			
G50.0	5138.2	3246.5	2527.0	3368.3	5448.8	6753.4	8406.1			
G51.0	4836.1	2952.6	2309.5	3064.1	5139.0	6431.7	8136.8			
G52.0	4528.2	2666.2	2127.5	2794.8	4817.1	6125.0	7858.6			
G53.0	4199.2	2439.1	1956.8	2547.7	4431.7	5821.8	7575.8			
G54.0	3869.5	2238.9	1793.7	2335.8	4078.2	5532.9	7231.5			
G55.0	3508.4	2061.9	1656.0	2129.2	3722.9	5184.4	6848.2			
G56.0	3193.0	1886.8	1535.4	1963.9	3383.4	4817.6	6383.5			
G57.0	2896.1	1737.9	1423.8	1808.6	3026.7	4389.0	5859.5			
G58.0	2624.0	1608.0	1314.3	1664.4	2737.8	3931.0	5292.5			
G59.0	2353.6	1484.6	1208.8	1539.6	2475.1	3460.9	4723.3			
G60.0	2128.2	1372.9	1109.3	1416.6	2232.5	3056.2	4187.6			
G61.0	1927.1	1263.1	1020.3	1289.6	2017.2	2710.5	3662.1			
G62.0	1744.5	1147.2	925.5	1183.5	1801.9	2374.8	3231.5			
G63.0	1561.3	1046.0	849.3	1069.4	1627.1	2103.9	2853.2			
G64.0	1400.9	956.3	776.3	980.9	1463.1	1862.5	2518.2			
G65.0	1262.7	874.9	706.2	894.1	1313.5	1654.1	2177.1			
G66.0	1123.7	790.9	635.0	815.9	1174.2	1463.2	1899.3			
G67.0	1005.1	718.4	576.7	742.4	1034.3	1284.5	1643.8			
G68.0	883.0	654.2	525.2	664.5	927.0	1128.6	1428.5			
G69.0	782.3	590.7	468.6	601.1	826.1	999.2	1244.9			
G70.0	691.5	526.4	424.6	541.9	730.7	883.7	1073.3			
G71.0	611.5	464.3	378.8	478.4	639.5	776.8	930.5			
G72.0	524.0	411.6	337.0	425.0	561.6	675.3	813.2			
G73.0	459.7	371.0	306.2	374.1	487.0	594.9	699.9			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	394.0	316.9	268.7	334.2	421.7	519.1	600.8			
G75.0	329.3	276.7	233.2	286.2	362.5	441.2	503.8			
G76.0	278.6	239.4	200.3	250.3	300.0	375.7	425.3			
G77.0	232.2	207.8	172.4	211.2	252.3	322.5	354.9			
G78.0	191.1	173.7	144.9	172.1	210.3	271.0	292.0			
G79.0	153.6	142.5	118.8	145.2	167.6	225.6	239.1			
G80.0	120.0	108.7	96.9	114.4	136.0	174.1	190.1			
G81.0	94.7	89.7	77.3	91.8	110.9	138.4	151.0			
G82.0	76.8	66.0	52.9	67.1	87.2	110.8	114.8			
G83.0	54.3	42.7	44.0	54.5	72.5	84.7	85.3			
G84.0	42.9	39.1	38.3	42.0	44.1	64.0	59.3			
G85.0	35.4	30.5	31.8	36.2	42.0	45.4	39.4			
G86.0	30.4	29.4	31.1	27.6	31.6	32.2	32.0			
G87.0	18.9	18.7	18.6	21.9	25.1	27.2	19.5			
G88.0	0.0	10.4	9.7	8.6	11.5	22.5	13.9			
G89.0	7.9	0.0	8.6	0.0	10.4	12.2	0.0			
G90.0	0.0	7.5	0.0	7.9	0.0	10.0	0.0			
G91.0	0.0	7.9	7.9	8.3	0.0	7.2	0.0			
G92.0	0.0	8.6	0.0	9.3	0.0	8.6	0.0			
G93.0	0.0	0.0	0.0	8.3	0.0	10.0	0.0			
G94.0	0.0	0.0	0.0	8.6	0.0	12.9	0.0			
G95.0	7.9	7.9	0.0	7.2	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0			
G97.0	0.0	7.2	0.0	0.0	7.2	9.7	0.0			
G98.0	7.1	9.7	0.0	0.0	0.0	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	7.1	7.2	0.0	0.0	0.0	10.7	0.0			
G101.0	0.0	0.0	8.6	0.0	0.0	9.7	0.0			
G102.0	0.0	9.0	7.5	0.0	0.0	7.9	0.0			
G103.0	0.0	7.5	7.2	0.0	0.0	0.0	0.0			
G104.0	9.3	7.2	0.0	7.5	0.0	7.2	0.0			
G105.0	0.0	0.0	0.0	10.8	0.0	8.9	0.0			
G106.0	0.0	0.0	0.0	0.0	7.9	8.2	0.0			
G107.0	7.9	10.8	7.9	0.0	7.5	7.9	0.0			
G108.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	9.3	0.0	10.4	0.0	10.4	0.0			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	8.6	0.0	8.9	10.4	0.0	8.2	0.0			
G112.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0			
G113.0	8.6	0.0	9.3	9.3	0.0	0.0	0.0			
G114.0	0.0	0.0	7.2	9.7	0.0	10.7	0.0			
G115.0	8.9	9.7	0.0	9.3	0.0	8.6	0.0			
G116.0	9.6	11.5	8.6	9.3	7.5	10.0	0.0			
G117.0	0.0	10.4	7.9	0.0	9.0	11.4	0.0			
G118.0	13.2	0.0	0.0	11.5	7.9	12.2	0.0			
G119.0	10.4	10.8	8.6	9.0	0.0	13.6	0.0			
G120.0	7.9	7.9	10.0	9.7	0.0	14.7	0.0			
G121.0	8.9	11.5	8.9	0.0	0.0	12.5	0.0			
G122.0	9.3	10.8	12.9	8.3	10.8	15.0	0.0			
G123.0	0.0	8.6	9.3	11.1	10.4	11.8	0.0			
G124.0	9.6	12.6	9.3	11.8	11.1	10.0	0.0			
G125.0	11.1	11.5	10.0	10.4	10.0	14.3	0.0			
G126.0	10.7	11.8	9.3	12.9	11.1	12.2	7.1			
G127.0	11.1	15.1	7.5	10.8	10.8	14.7	9.2			
G128.0	14.3	11.8	13.6	9.3	14.0	12.9	7.8			
G129.0	10.0	12.2	14.7	12.5	14.4	16.4	9.2			
G130.0	15.4	15.1	9.7	15.1	11.5	16.1	7.1			
G131.0	15.7	12.9	13.6	14.0	14.0	15.7	12.4			
G132.0	18.2	18.7	13.9	14.3	9.0	15.0	8.2			
G133.0	16.8	17.2	15.4	11.5	15.4	20.7	8.5			
G134.0	17.9	15.8	12.2	13.6	12.2	17.9	9.6			
G135.0	16.4	16.2	14.7	14.3	16.9	20.0	11.0			
G136.0	17.5	19.4	15.0	15.1	15.4	21.1	14.6			
G137.0	17.9	20.5	15.0	15.8	14.4	23.6	12.1			
G138.0	20.0	15.1	15.4	16.5	14.0	20.4	11.4			
G139.0	20.7	15.8	17.2	14.3	12.9	15.7	12.8			
G140.0	21.8	18.7	15.4	18.7	14.7	20.7	17.4			
G141.0	18.9	17.6	19.3	21.2	16.2	22.9	13.1			
G142.0	23.2	14.4	20.7	21.9	19.4	23.2	13.9			
G143.0	25.4	16.5	21.1	22.6	12.2	23.6	16.3			
G144.0	19.3	20.8	20.4	20.8	20.1	25.0	18.1			
G145.0	21.8	18.7	20.7	12.9	17.9	27.9	15.6			
G146.0	23.9	24.8	18.6	19.0	8.3	27.9	21.0			
G147.0	27.1	22.2	22.5	21.2	20.5	25.0	17.4			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	25.0	23.7	24.7	20.4	27.6	26.5	18.8			
G149.0	22.9	21.2	26.1	23.7	21.5	27.9	17.8			
G150.0	22.9	26.2	28.3	25.5	23.3	27.2	22.7			
G151.0	22.1	25.5	26.1	24.4	24.0	27.2	16.3			
G152.0	22.9	25.8	27.9	25.5	26.2	25.4	21.0			
G153.0	29.6	31.6	20.0	28.0	16.9	29.0	22.0			
G154.0	25.4	24.8	32.9	25.5	26.6	30.4	19.9			
G155.0	30.0	25.8	29.3	25.1	28.0	30.0	20.6			
G156.0	31.1	28.0	27.2	27.3	25.1	33.6	18.1			
G157.0	30.7	33.0	26.8	26.9	28.4	28.6	22.4			
G158.0	28.9	27.6	30.4	29.0	25.5	32.9	21.3			
G159.0	27.9	28.4	29.0	29.4	28.7	25.7	21.3			
G160.0	30.4	30.5	26.5	26.5	29.4	30.7	14.2			
G161.0	35.7	34.1	25.0	25.1	20.5	32.5	17.8			
G162.0	31.8	31.2	32.6	25.1	27.3	35.0	0.0			
G163.0	26.8	33.0	27.5	33.4	30.5	34.7	24.9			
G164.0	29.6	33.4	31.1	33.0	28.0	31.1	18.5			
G165.0	32.5	28.4	30.4	36.9	27.3	32.2	20.6			
G166.0	31.1	21.9	0.0	35.9	28.4	34.7	25.9			
G167.0	29.3	36.2	20.0	34.1	27.6	34.0	21.0			
G168.0	29.6	36.6	31.5	26.5	35.5	35.0	24.9			
G169.0	31.4	33.0	34.3	36.9	32.7	28.2	25.2			
G170.0	34.7	33.7	35.1	35.1	33.0	39.3	24.5			
G171.0	31.4	37.3	32.9	34.8	31.6	39.0	27.7			
G172.0	32.9	30.5	34.0	29.8	37.0	35.4	28.1			
G173.0	27.1	36.6	33.6	37.7	35.2	35.0	27.7			
G174.0	30.0	36.2	35.4	35.1	34.8	38.6	24.2			
G175.0	25.7	35.2	34.3	37.7	32.7	37.2	17.4			
G176.0	28.6	30.9	38.6	31.6	30.9	33.6	22.4			
G177.0	22.1	36.2	37.6	33.0	28.7	35.4	23.4			
G178.0	33.2	35.5	37.2	16.5	29.8	33.2	25.9			
G179.0	34.7	30.1	32.2	36.2	28.7	34.0	29.1			
G180.0	32.5	35.2	35.8	30.5	27.6	36.1	24.9			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.4 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 Humidity:  
 Inspector: