

Report No.:

Test Time: 2023/9/21 10:49

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.978 A

Power Factor: 0.957

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 480.0 V

Power: 449.27 W

## Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 75994.0 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 63799.42 cd

Pos of Max. Intensity: H157.5 V2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 58.7, 58.4, 57.9, 58.2

Longitudinal Classification: Very Short

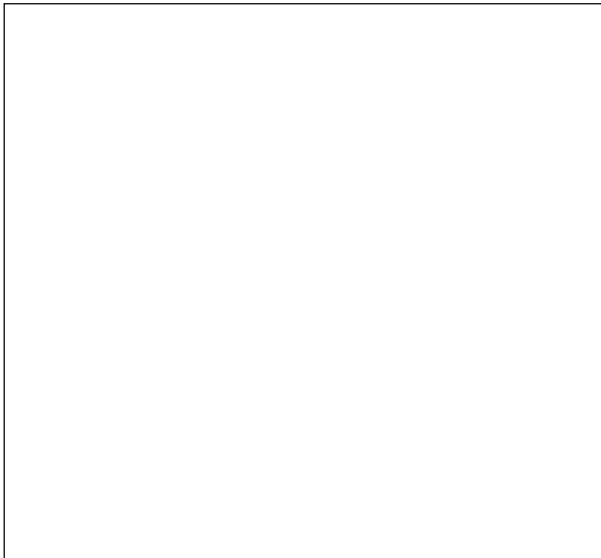
Measurement Flux: 75994 lm

Downward Ratio: 100%

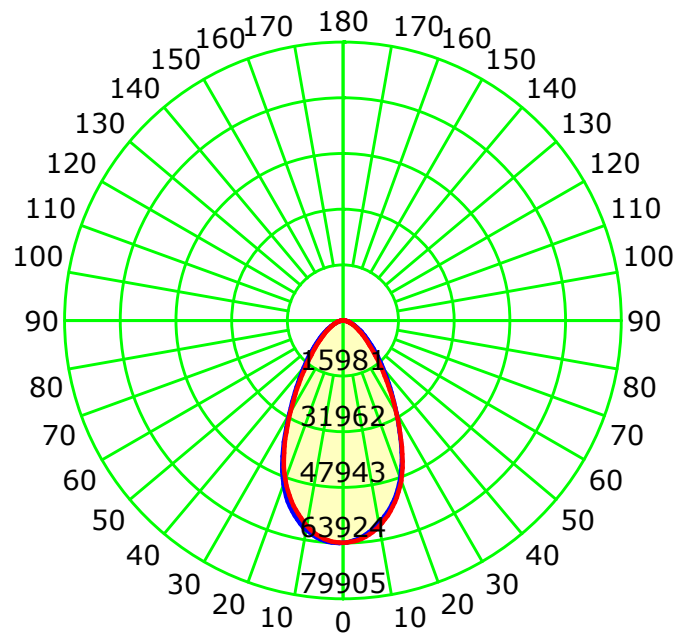
Luminaire Efficacy Rating (LER): 169.20

Max. Intensity: 63924.09 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 58.5°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.6 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

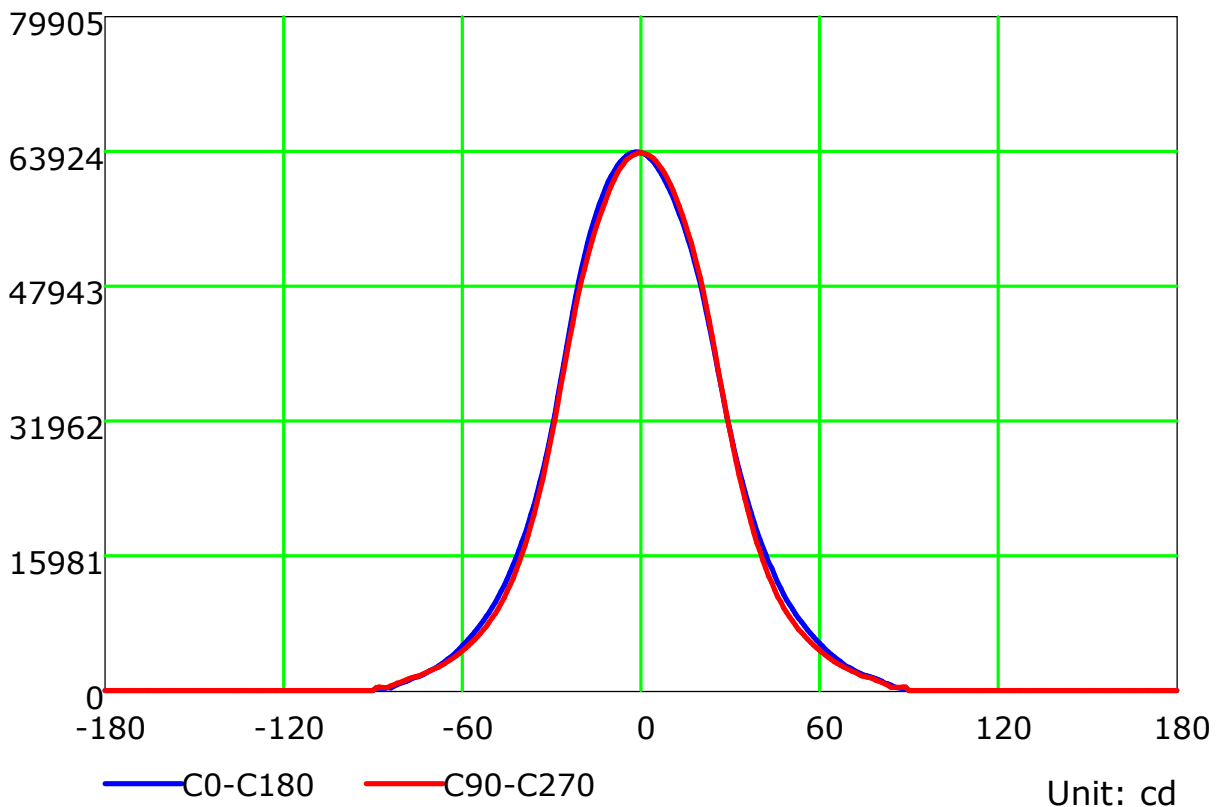
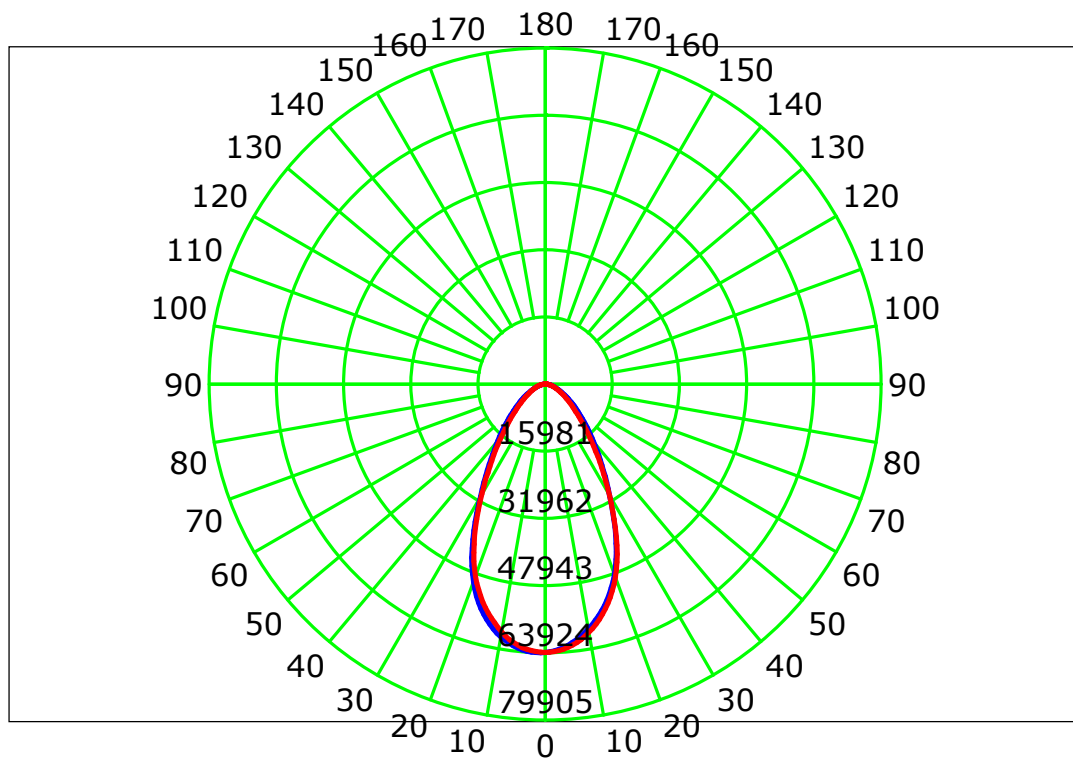
Test Device: GPM-3000

Distance: 14.450 m [K=1.0000]

Humidity:

Inspector:

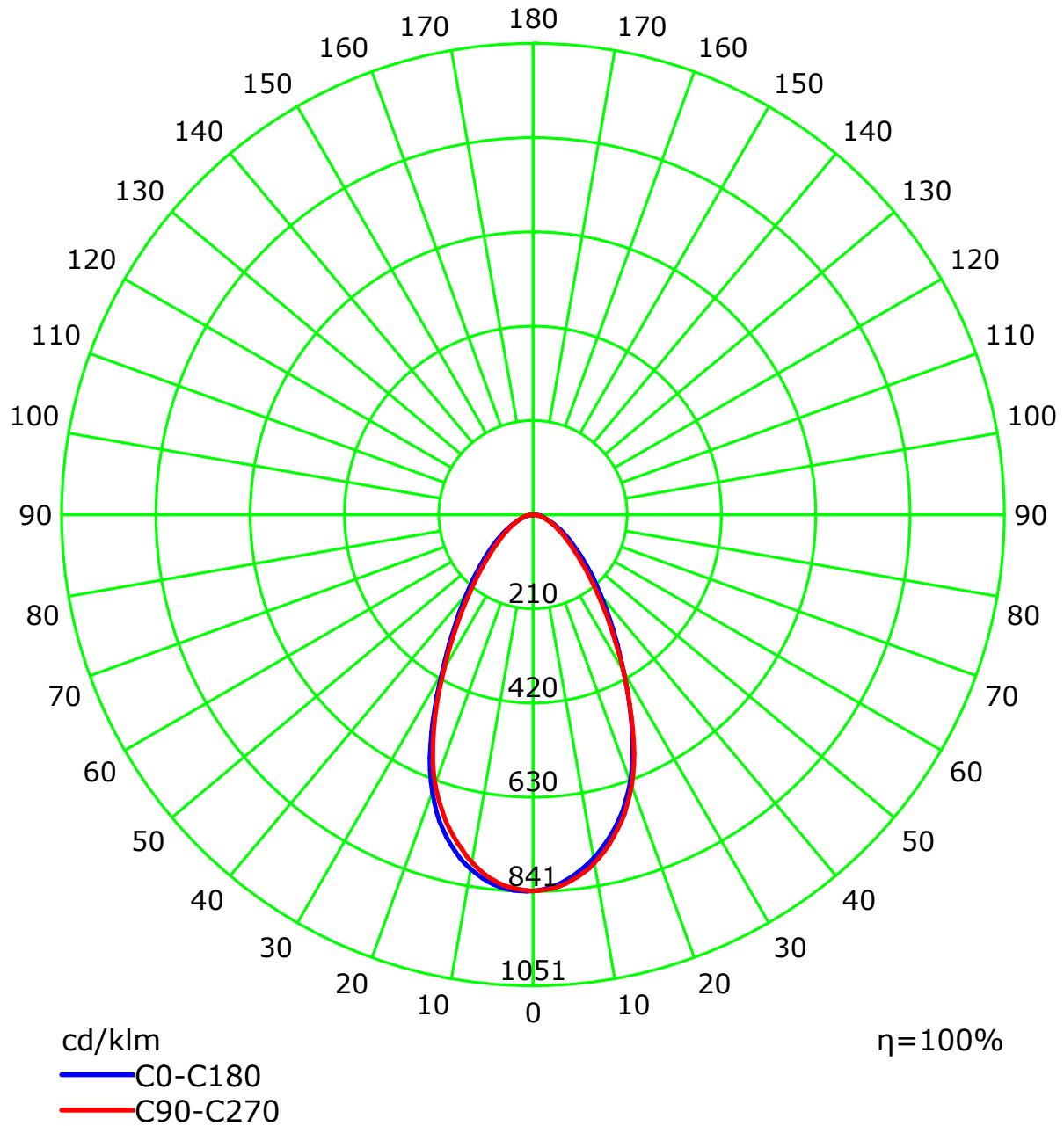
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.6 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.450 m [K=1.0000]  
Humidity:  
Inspector:

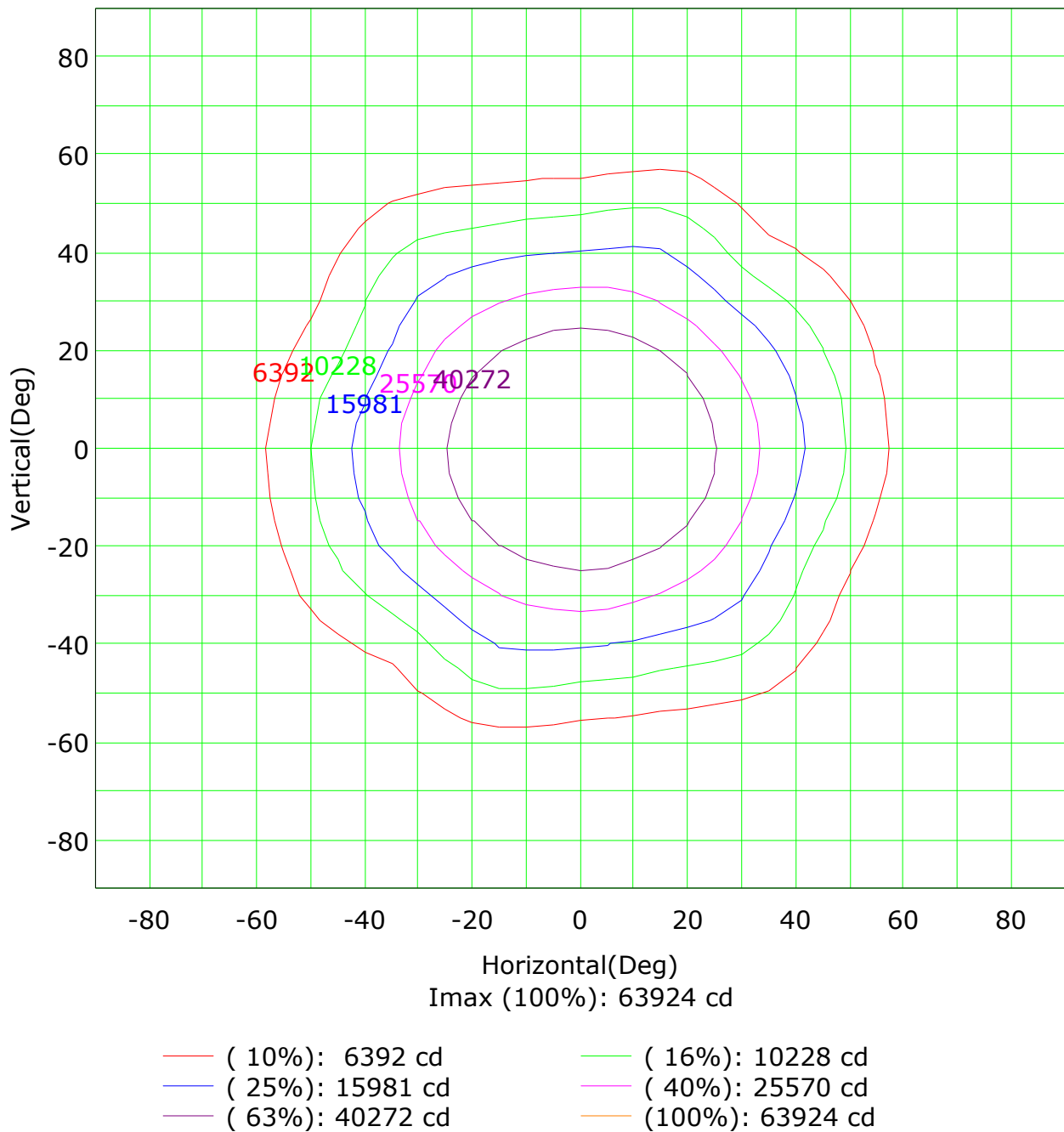
## Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.6 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.450 m [K=1.0000]  
Humidity:  
Inspector:

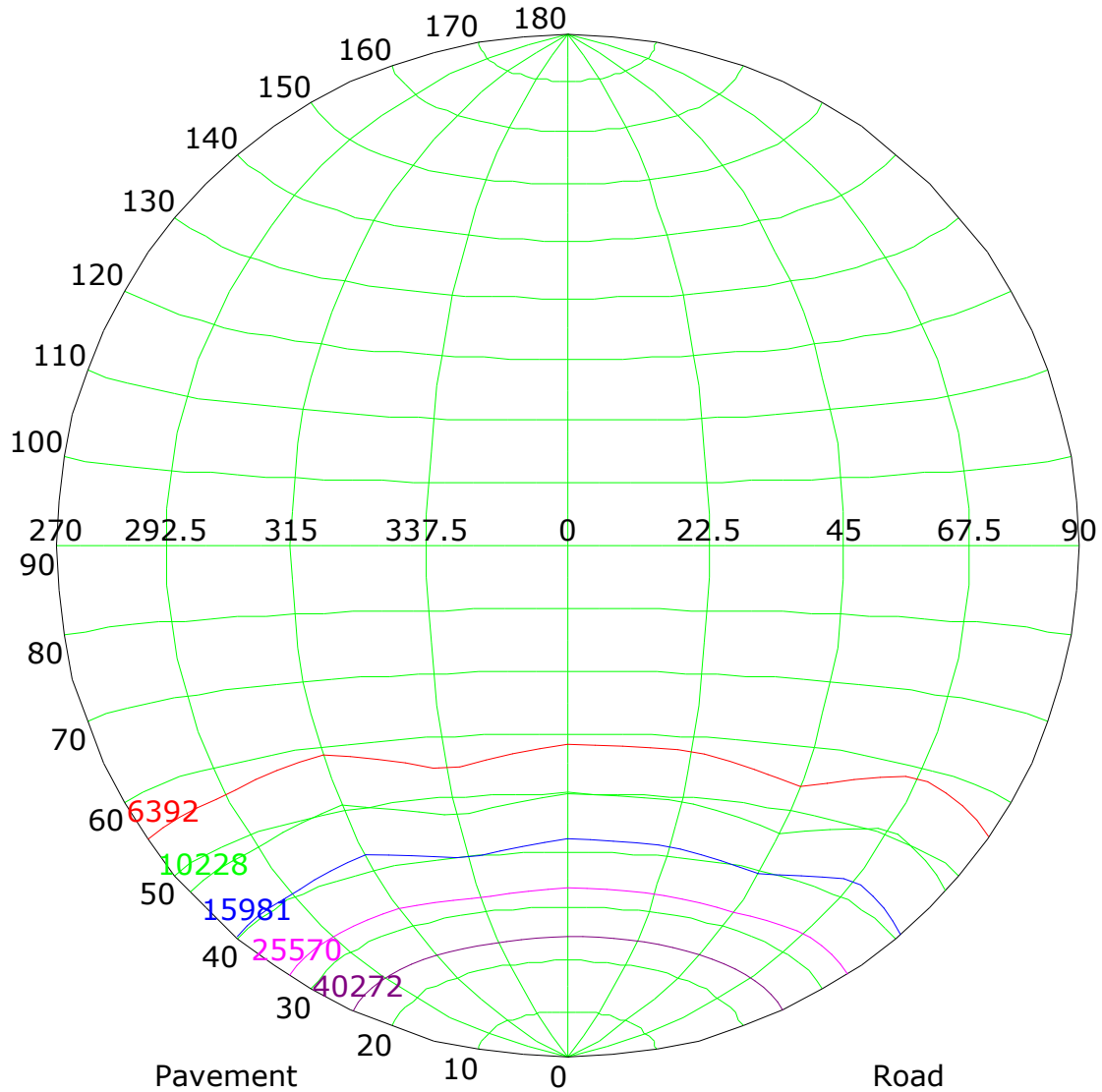
## Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.6 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.450 m [K=1.0000]  
Humidity:  
Inspector:

## Isocandela (sphere)



Imax (100%): 63924 cd

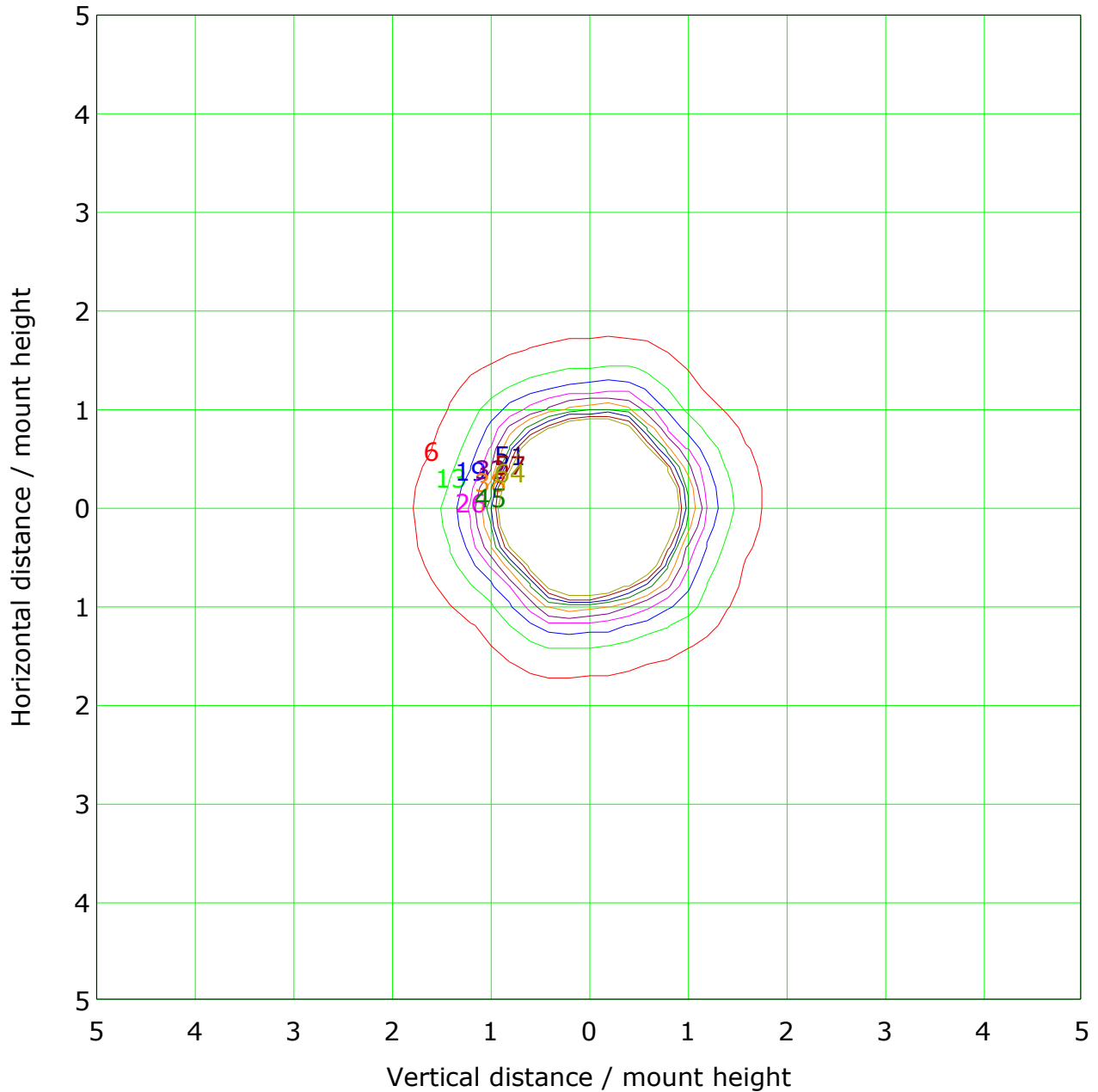
( 10%): 6392 cd  
( 25%): 15981 cd  
( 63%): 40272 cd

( 16%): 10228 cd  
( 40%): 25570 cd  
(100%): 63924 cd

CIE: narrow - short  
CIE: Full-cut-off luminaire  
Max.At90: 0.000 cd/klm

IES: Cut-off  
Max.At80: 16.979 cd/klm  
Max.80-90: 16.979 cd/klm

## IsoLux Plot



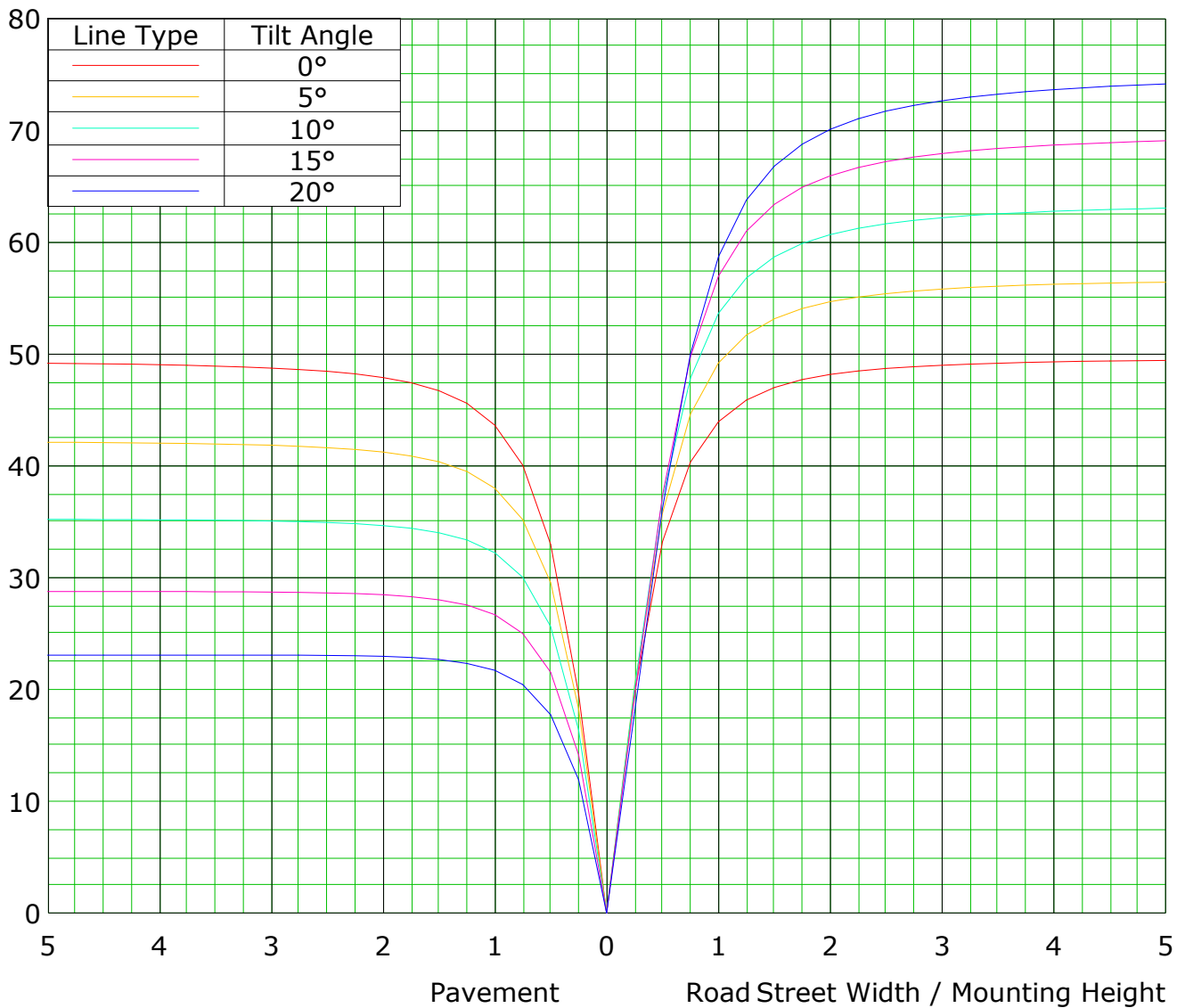
Mounting Height: 10.0m    Max Lux(100%): 638.8 lx	
( 1%): 6.4 lx	( 2%): 12.8 lx
( 3%): 19.2 lx	( 4%): 25.6 lx
( 5%): 31.9 lx	( 6%): 38.3 lx
( 7%): 44.7 lx	( 8%): 51.1 lx
( 9%): 57.5 lx	(10%): 63.9 lx

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.6 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.450 m [K=1.0000]  
Humidity:  
Inspector:

## Roadway CU Curve

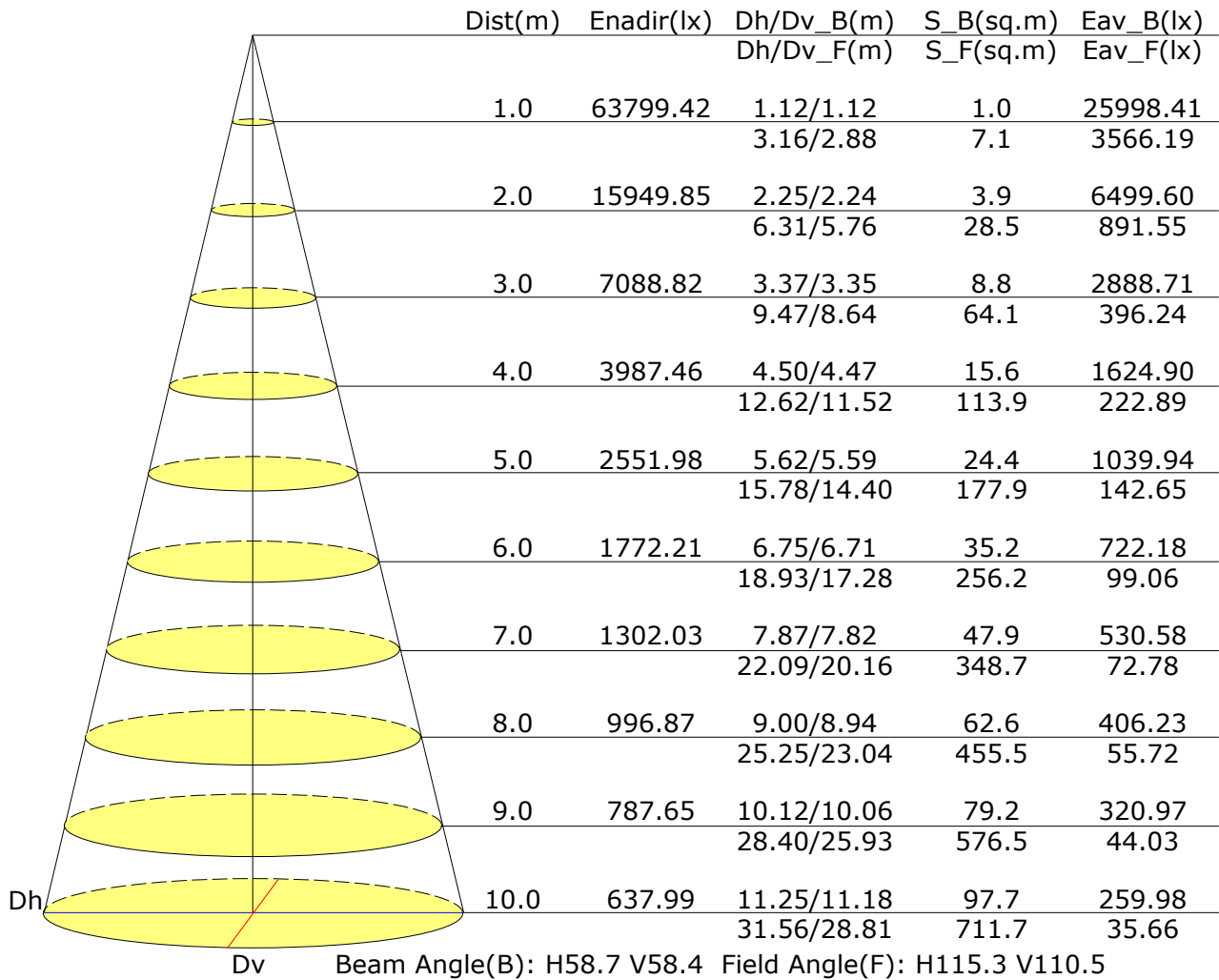
Efficiency(%)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.6 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.450 m [K=1.0000]  
Humidity:  
Inspector:

## Illuminance at a Distance

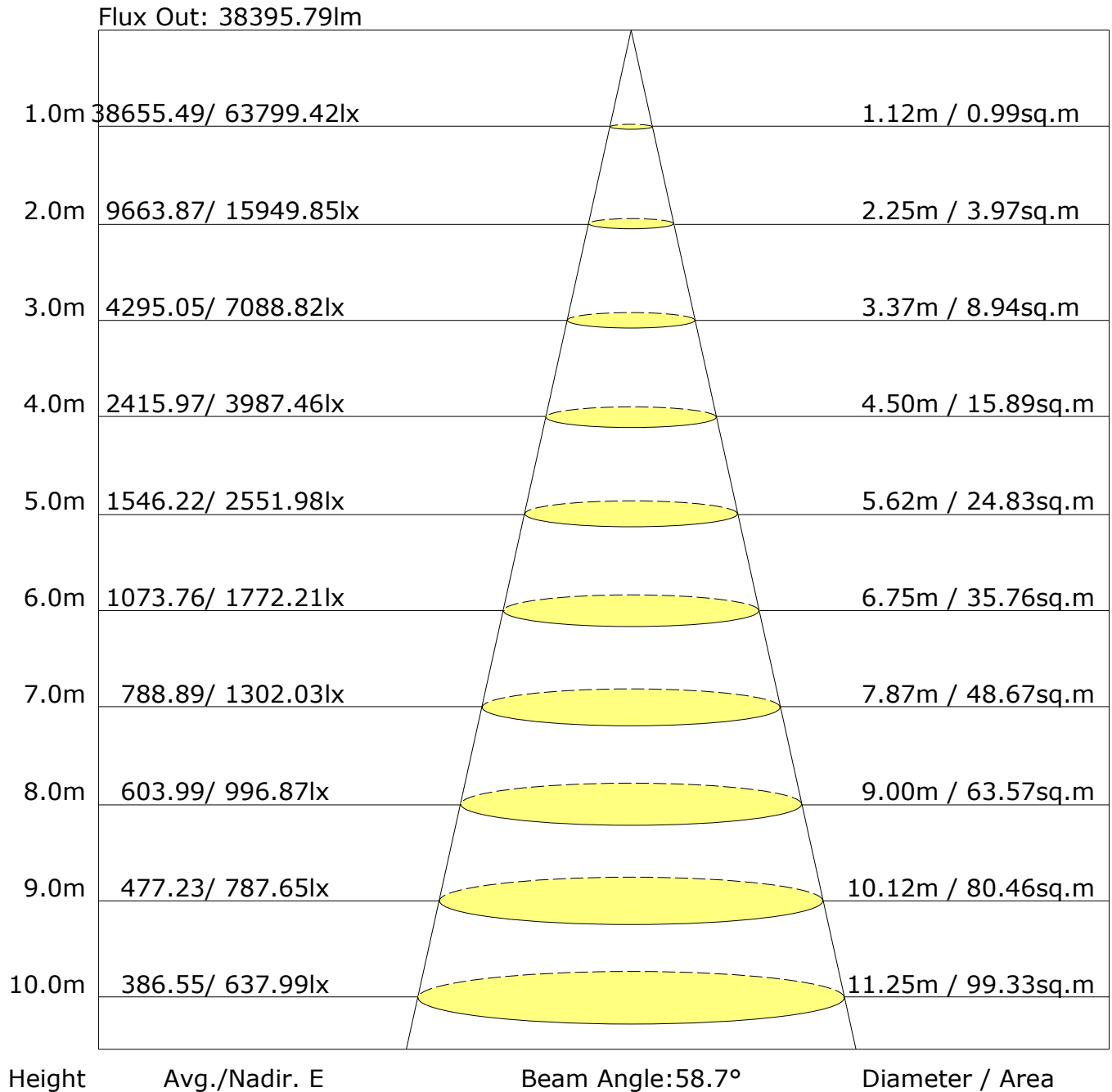


C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.6 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.450 m [K=1.0000]  
Humidity:  
Inspector:



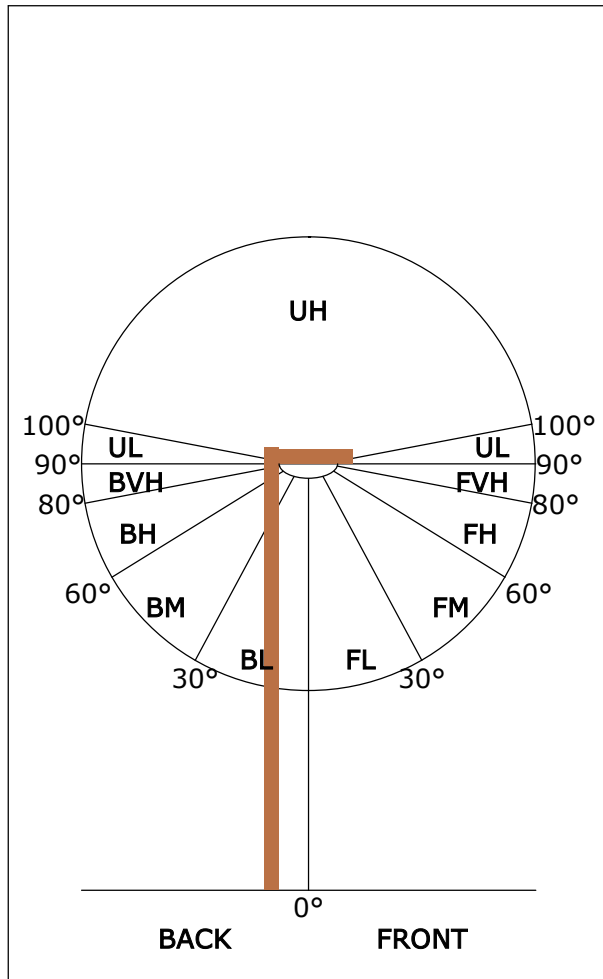
## The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 °C  
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0  
 Test Device: GPM-3000  
 Distance: 14.450 m [K=1.0000]  
 Humidity:  
 Inspector:

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



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	38110	50.1
FL ( 0°-30°)	19820	26.1
FM (30°-60°)	15211	20.0
FH (60°-80°)	2771	3.6
FVH (80°-90°)	307	0.4
BACK LIGHT	37884	49.9
BL ( 0°-30°)	19671	25.9
BM (30°-60°)	15132	19.9
BH (60°-80°)	2776	3.7
BVH (80°-90°)	305	0.4
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)	B5 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G2

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.6 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.450 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	63782.4	61.0	61.0	0.08	0.08
1.0-2.0	63714.4	182.9	243.9	0.24	0.32
2.0-3.0	63567.0	304.1	548.0	0.40	0.72
3.0-4.0	63338.8	424.0	972.0	0.56	1.28
4.0-5.0	63040.2	542.4	1514.4	0.71	1.99
5.0-6.0	62658.8	658.6	2173.0	0.87	2.86
6.0-7.0	62191.9	772.0	2945.0	1.02	3.88
7.0-8.0	61658.5	882.6	3827.6	1.16	5.04
8.0-9.0	61053.2	989.6	4817.2	1.30	6.34
9.0-10.0	60366.4	1092.6	5909.8	1.44	7.78
10.0-11.0	59607.2	1191.2	7101.0	1.57	9.34
11.0-12.0	58781.4	1285.1	8386.1	1.69	11.04
12.0-13.0	57885.3	1373.9	9760.0	1.81	12.84
13.0-14.0	56919.8	1457.1	11217.2	1.92	14.76
14.0-15.0	55890.5	1534.6	12751.7	2.02	16.78
15.0-16.0	54786.6	1605.6	14357.3	2.11	18.89
16.0-17.0	53596.7	1669.3	16026.6	2.20	21.09
17.0-18.0	52328.9	1725.6	17752.2	2.27	23.36
18.0-19.0	50979.6	1773.9	19526.0	2.33	25.69
19.0-20.0	49530.5	1813.1	21339.1	2.39	28.08
20.0-21.0	47986.6	1842.9	23182.0	2.43	30.51
21.0-22.0	46345.7	1862.7	25044.7	2.45	32.96
22.0-23.0	44599.2	1871.6	26916.3	2.46	35.42
23.0-24.0	42767.3	1870.1	28786.4	2.46	37.88
24.0-25.0	40875.3	1858.8	30645.2	2.45	40.33
25.0-26.0	38933.1	1838.0	32483.3	2.42	42.74
26.0-27.0	36972.9	1809.1	34292.4	2.38	45.13
27.0-28.0	35047.8	1774.7	36067.1	2.34	47.46
28.0-29.0	33147.4	1734.5	37801.5	2.28	49.74
29.0-30.0	31283.7	1689.3	39490.8	2.22	51.97
30.0-31.0	29519.2	1643.0	41133.8	2.16	54.13
31.0-32.0	27834.7	1594.9	42728.6	2.10	56.23
32.0-33.0	26233.1	1545.7	44274.3	2.03	58.26
33.0-34.0	24739.0	1497.3	45771.7	1.97	60.23
34.0-35.0	23324.0	1448.7	47220.4	1.91	62.14
35.0-36.0	21992.4	1400.5	48620.9	1.84	63.98

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	20733.1	1352.4	49973.3	1.78	65.76
37.0-38.0	19543.9	1304.7	51278.0	1.72	67.48
38.0-39.0	18432.1	1258.3	52536.2	1.66	69.13
39.0-40.0	17385.0	1212.7	53748.9	1.60	70.73
40.0-41.0	16403.7	1168.3	54917.1	1.54	72.27
41.0-42.0	15468.8	1124.0	56041.2	1.48	73.74
42.0-43.0	14577.9	1080.0	57121.2	1.42	75.17
43.0-44.0	13751.8	1038.1	58159.2	1.37	76.53
44.0-45.0	12962.9	996.4	59155.6	1.31	77.84
45.0-46.0	12203.4	954.5	60110.1	1.26	79.10
46.0-47.0	11496.3	914.5	61024.6	1.20	80.30
47.0-48.0	10831.2	875.7	61900.3	1.15	81.45
48.0-49.0	10210.7	838.6	62738.9	1.10	82.56
49.0-50.0	9629.9	803.0	63541.9	1.06	83.61
50.0-51.0	9084.0	768.7	64310.6	1.01	84.63
51.0-52.0	8565.3	735.1	65045.7	0.97	85.59
52.0-53.0	8077.8	702.8	65748.4	0.92	86.52
53.0-54.0	7619.7	671.7	66420.1	0.88	87.40
54.0-55.0	7179.4	641.0	67061.1	0.84	88.25
55.0-56.0	6763.5	611.2	67672.3	0.80	89.05
56.0-57.0	6365.8	582.1	68254.4	0.77	89.82
57.0-58.0	5988.4	553.9	68808.3	0.73	90.54
58.0-59.0	5628.1	526.2	69334.5	0.69	91.24
59.0-60.0	5282.9	499.2	69833.7	0.66	91.89
60.0-61.0	4956.1	473.0	70306.7	0.62	92.52
61.0-62.0	4639.9	447.2	70753.9	0.59	93.10
62.0-63.0	4333.4	421.5	71175.4	0.55	93.66
63.0-64.0	4047.2	397.2	71572.6	0.52	94.18
64.0-65.0	3783.1	374.4	71947.0	0.49	94.67
65.0-66.0	3532.1	352.5	72299.5	0.46	95.14
66.0-67.0	3294.1	331.3	72630.8	0.44	95.57
67.0-68.0	3056.6	309.7	72940.4	0.41	95.98
68.0-69.0	2836.5	289.4	73229.8	0.38	96.36
69.0-70.0	2647.5	271.9	73501.8	0.36	96.72
70.0-71.0	2463.2	254.6	73756.4	0.34	97.06
71.0-72.0	2292.6	238.4	73994.8	0.31	97.37

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 m [K=1.0000]  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	2125.8	222.3	74217.1	0.29	97.66
73.0-74.0	1951.6	205.2	74422.3	0.27	97.93
74.0-75.0	1801.1	190.3	74612.7	0.25	98.18
75.0-76.0	1684.6	178.9	74791.5	0.24	98.42
76.0-77.0	1574.3	167.9	74959.4	0.22	98.64
77.0-78.0	1447.5	155.0	75114.4	0.20	98.84
78.0-79.0	1310.1	140.8	75255.1	0.19	99.03
79.0-80.0	1168.5	126.0	75381.1	0.17	99.19
80.0-81.0	1025.5	110.9	75492.0	0.15	99.34
81.0-82.0	887.8	96.3	75588.3	0.13	99.47
82.0-83.0	769.9	83.7	75672.0	0.11	99.58
83.0-84.0	651.6	71.0	75743.0	0.09	99.67
84.0-85.0	535.3	58.4	75801.5	0.08	99.75
85.0-86.0	439.0	48.0	75849.5	0.06	99.81
86.0-87.0	375.4	41.1	75890.5	0.05	99.86
87.0-88.0	369.2	40.5	75931.0	0.05	99.92
88.0-89.0	382.1	41.9	75972.9	0.06	99.97
89.0-90.0	192.3	21.1	75994.0	0.03	100.00
90.0-91.0	0.0	0.0	75994.0	0.00	100.00
91.0-92.0	0.0	0.0	75994.0	0.00	100.00
92.0-93.0	0.0	0.0	75994.0	0.00	100.00
93.0-94.0	0.0	0.0	75994.0	0.00	100.00
94.0-95.0	0.0	0.0	75994.0	0.00	100.00
95.0-96.0	0.0	0.0	75994.0	0.00	100.00
96.0-97.0	0.0	0.0	75994.0	0.00	100.00
97.0-98.0	0.0	0.0	75994.0	0.00	100.00
98.0-99.0	0.0	0.0	75994.0	0.00	100.00
99.0-100.0	0.0	0.0	75994.0	0.00	100.00
100.0-101.0	0.0	0.0	75994.0	0.00	100.00
101.0-102.0	0.0	0.0	75994.0	0.00	100.00
102.0-103.0	0.0	0.0	75994.0	0.00	100.00
103.0-104.0	0.0	0.0	75994.0	0.00	100.00
104.0-105.0	0.0	0.0	75994.0	0.00	100.00
105.0-106.0	0.0	0.0	75994.0	0.00	100.00
106.0-107.0	0.0	0.0	75994.0	0.00	100.00
107.0-108.0	0.0	0.0	75994.0	0.00	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	0.0	0.0	75994.0	0.00	100.00
109.0-110.0	0.0	0.0	75994.0	0.00	100.00
110.0-111.0	0.0	0.0	75994.0	0.00	100.00
111.0-112.0	0.0	0.0	75994.0	0.00	100.00
112.0-113.0	0.0	0.0	75994.0	0.00	100.00
113.0-114.0	0.0	0.0	75994.0	0.00	100.00
114.0-115.0	0.0	0.0	75994.0	0.00	100.00
115.0-116.0	0.0	0.0	75994.0	0.00	100.00
116.0-117.0	0.0	0.0	75994.0	0.00	100.00
117.0-118.0	0.0	0.0	75994.0	0.00	100.00
118.0-119.0	0.0	0.0	75994.0	0.00	100.00
119.0-120.0	0.0	0.0	75994.0	0.00	100.00
120.0-121.0	0.0	0.0	75994.0	0.00	100.00
121.0-122.0	0.0	0.0	75994.0	0.00	100.00
122.0-123.0	0.0	0.0	75994.0	0.00	100.00
123.0-124.0	0.0	0.0	75994.0	0.00	100.00
124.0-125.0	0.0	0.0	75994.0	0.00	100.00
125.0-126.0	0.0	0.0	75994.0	0.00	100.00
126.0-127.0	0.0	0.0	75994.0	0.00	100.00
127.0-128.0	0.0	0.0	75994.0	0.00	100.00
128.0-129.0	0.0	0.0	75994.0	0.00	100.00
129.0-130.0	0.0	0.0	75994.0	0.00	100.00
130.0-131.0	0.0	0.0	75994.0	0.00	100.00
131.0-132.0	0.0	0.0	75994.0	0.00	100.00
132.0-133.0	0.0	0.0	75994.0	0.00	100.00
133.0-134.0	0.0	0.0	75994.0	0.00	100.00
134.0-135.0	0.0	0.0	75994.0	0.00	100.00
135.0-136.0	0.0	0.0	75994.0	0.00	100.00
136.0-137.0	0.0	0.0	75994.0	0.00	100.00
137.0-138.0	0.0	0.0	75994.0	0.00	100.00
138.0-139.0	0.0	0.0	75994.0	0.00	100.00
139.0-140.0	0.0	0.0	75994.0	0.00	100.00
140.0-141.0	0.0	0.0	75994.0	0.00	100.00
141.0-142.0	0.0	0.0	75994.0	0.00	100.00
142.0-143.0	0.0	0.0	75994.0	0.00	100.00
143.0-144.0	0.0	0.0	75994.0	0.00	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 m [K=1.0000]  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	75994.0	0.00	100.00
145.0-146.0	0.0	0.0	75994.0	0.00	100.00
146.0-147.0	0.0	0.0	75994.0	0.00	100.00
147.0-148.0	0.0	0.0	75994.0	0.00	100.00
148.0-149.0	0.0	0.0	75994.0	0.00	100.00
149.0-150.0	0.0	0.0	75994.0	0.00	100.00
150.0-151.0	0.0	0.0	75994.0	0.00	100.00
151.0-152.0	0.0	0.0	75994.0	0.00	100.00
152.0-153.0	0.0	0.0	75994.0	0.00	100.00
153.0-154.0	0.0	0.0	75994.0	0.00	100.00
154.0-155.0	0.0	0.0	75994.0	0.00	100.00
155.0-156.0	0.0	0.0	75994.0	0.00	100.00
156.0-157.0	0.0	0.0	75994.0	0.00	100.00
157.0-158.0	0.0	0.0	75994.0	0.00	100.00
158.0-159.0	0.0	0.0	75994.0	0.00	100.00
159.0-160.0	0.0	0.0	75994.0	0.00	100.00
160.0-161.0	0.0	0.0	75994.0	0.00	100.00
161.0-162.0	0.0	0.0	75994.0	0.00	100.00
162.0-163.0	0.0	0.0	75994.0	0.00	100.00
163.0-164.0	0.0	0.0	75994.0	0.00	100.00
164.0-165.0	0.0	0.0	75994.0	0.00	100.00
165.0-166.0	0.0	0.0	75994.0	0.00	100.00
166.0-167.0	0.0	0.0	75994.0	0.00	100.00
167.0-168.0	0.0	0.0	75994.0	0.00	100.00
168.0-169.0	0.0	0.0	75994.0	0.00	100.00
169.0-170.0	0.0	0.0	75994.0	0.00	100.00
170.0-171.0	0.0	0.0	75994.0	0.00	100.00
171.0-172.0	0.0	0.0	75994.0	0.00	100.00
172.0-173.0	0.0	0.0	75994.0	0.00	100.00
173.0-174.0	0.0	0.0	75994.0	0.00	100.00
174.0-175.0	0.0	0.0	75994.0	0.00	100.00
175.0-176.0	0.0	0.0	75994.0	0.00	100.00
176.0-177.0	0.0	0.0	75994.0	0.00	100.00
177.0-178.0	0.0	0.0	75994.0	0.00	100.00
178.0-179.0	0.0	0.0	75994.0	0.00	100.00
179.0-180.0	0.0	0.0	75994.0	0.00	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 m [K=1.0000]  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 5)

cone flux(90°): 59155.60 lm

%lum = 77.8%

%lamp = 77.8%

cone flux(120°): 69833.69 lm

%lum = 91.9%

%lamp = 91.9%



## 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	63799.4	63799.4	63799.4	63799.4	63799.4	63799.4	63799.4	63799.4	63799.4	63799.4
G1.0	63673.0	63632.2	63680.9	63671.4	63711.4	63801.2	63872.9	63907.6	63870.9	63896.8
G2.0	63478.7	63437.4	63484.0	63532.5	63594.1	63779.4	63849.0	63924.1	63867.2	63896.8
G3.0	63143.3	63125.0	63144.9	63245.4	63442.0	63618.9	63762.7	63847.1	63795.8	63784.7
G4.0	62791.4	62729.9	62776.6	62883.4	63185.4	63445.6	63604.8	63702.3	63627.1	63635.9
G5.0	62347.8	62301.7	62304.4	62490.3	62846.4	63168.4	63371.7	63485.9	63423.7	63374.9
G6.0	61818.1	61803.7	61837.6	62036.8	62399.2	62834.6	63054.1	63201.8	63082.8	63025.7
G7.0	61209.6	61167.8	61298.0	61499.3	61895.2	62382.3	62639.2	62824.1	62688.7	62608.6
G8.0	60571.8	60539.3	60710.9	60941.6	61345.3	61871.7	62165.6	62382.3	62221.3	62134.5
G9.0	59882.6	59914.5	60087.4	60298.0	60713.0	61238.8	61618.5	61874.5	61625.7	61539.1
G10.0	59103.7	59256.6	59359.9	59617.8	59952.4	60560.4	60974.1	61227.3	61031.8	60868.3
G11.0	58359.6	58510.5	58645.2	58798.7	59186.3	59752.5	60206.8	60508.7	60357.3	60061.5
G12.0	57421.1	57725.8	57852.1	57964.9	58304.7	58904.4	59369.6	59713.1	59556.4	59262.1
G13.0	56519.4	56777.6	56885.8	57118.3	57406.7	57888.5	58383.8	58844.1	58612.5	58403.9
G14.0	55577.3	55790.7	55873.9	56114.5	56369.3	56867.2	57363.1	57912.8	57697.9	57463.0
G15.0	54547.2	54695.4	54893.1	55052.2	55284.3	55762.0	56347.9	56867.8	56651.3	56386.1
G16.0	53414.5	53585.5	53715.3	53940.5	54199.3	54593.0	55079.4	55718.4	55555.3	55301.9
G17.0	52239.7	52425.9	52397.1	52640.5	53051.9	53345.5	53840.2	54387.4	54354.8	53986.1
G18.0	50921.9	51128.5	51077.1	51346.0	51692.0	52088.9	52527.6	53118.8	53040.6	52613.3
G19.0	49633.4	49746.5	49704.2	49936.3	50352.2	50620.8	51139.8	51701.7	51561.5	51198.3
G20.0	48207.4	48118.3	48196.4	48457.1	48897.0	49132.6	49628.9	50222.3	50023.8	49645.5
G21.0	46634.9	46563.6	46606.6	46870.0	47319.0	47538.6	48048.3	48623.7	48410.9	47967.6
G22.0	44945.0	44979.5	44938.4	45058.0	45660.3	45809.7	46205.2	46920.6	46697.2	46216.3
G23.0	43339.4	43307.2	43076.9	43297.2	43944.8	44069.8	44444.6	44960.8	44842.3	44119.5
G24.0	41488.2	41548.6	41332.1	41503.5	41967.2	42213.2	42573.9	43072.5	42707.1	42129.3
G25.0	39712.2	39731.1	39549.0	39640.4	40063.0	40088.5	40532.5	41109.1	40755.1	40118.8
G26.0	37861.0	37889.7	37665.6	37797.3	38085.4	38064.1	38463.6	39061.4	38773.8	37930.1
G27.0	36000.7	36059.3	35753.1	35928.7	36095.0	36001.4	36394.7	37009.9	36739.3	35886.6
G28.0	34175.2	34188.6	33831.4	34063.7	34319.0	34161.2	34329.4	35180.3	34787.4	33905.6
G29.0	32397.3	32231.4	31918.9	32131.0	32444.1	32180.6	32431.2	33169.2	32699.8	31999.9
G30.0	30742.3	30590.4	30082.9	30470.8	30657.1	30247.4	30624.8	31062.8	30872.4	30132.8
G31.0	29151.4	28953.0	28263.3	28817.9	28912.3	28443.6	28934.0	29209.4	29177.0	28432.9
G32.0	27600.8	27260.4	26498.5	27274.7	27249.9	26639.9	27351.5	27368.8	27597.1	26674.2
G33.0	26281.1	25812.3	24760.9	25855.8	25659.1	24985.8	25866.4	25607.0	26103.3	25167.3
G34.0	24884.5	24397.3	23096.4	24658.2	24112.2	23395.4	24531.7	23940.6	24710.4	23759.6
G35.0	23574.0	23096.2	21610.4	23420.4	22702.8	21921.8	23292.6	22334.7	23275.3	22421.8
G36.0	22371.7	21861.3	20233.9	22317.8	21379.5	20608.7	22051.6	20915.7	22003.3	21153.8

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	21130.8	20657.6	18910.3	21213.4	19935.3	19366.7	20970.3	19531.6	20861.4	19876.6
G38.0	20031.1	19496.2	17659.6	20240.7	18692.6	18197.7	19905.5	18213.5	19642.6	18794.2
G39.0	18935.1	18426.6	16492.7	19282.6	17516.0	17101.6	18976.6	16906.4	18599.7	17717.3
G40.0	17892.2	17476.5	15413.4	18366.6	16531.8	16040.1	18112.0	15780.7	17630.1	16747.0
G41.0	16986.8	16502.5	14436.1	17527.3	15437.6	15013.3	17210.6	14770.6	16631.2	15791.4
G42.0	16134.5	15528.6	13437.0	16680.8	14532.2	14130.6	16276.2	13742.1	15729.5	14914.8
G43.0	15197.9	14697.9	12576.5	15885.4	13573.6	13273.5	15484.9	12873.2	14928.5	13986.7
G44.0	14501.4	13920.6	11774.3	15082.7	12798.4	12465.5	14730.4	12031.7	14032.2	13214.9
G45.0	13634.5	13117.5	10983.0	14307.5	11937.0	11706.8	13966.7	11243.4	13213.0	12433.9
G46.0	12835.4	12354.9	10273.8	13576.1	11159.9	10971.9	13204.9	10528.4	12470.7	11779.7
G47.0	12115.1	11746.6	9571.8	12848.4	10533.0	10344.5	12476.1	9894.1	11779.7	11075.8
G48.0	11400.3	11061.1	9044.9	12131.6	9827.4	9777.3	11793.2	9256.2	11107.0	10419.8
G49.0	10751.5	10460.2	8496.1	11511.8	9273.9	9221.0	11178.2	8660.3	10460.0	9846.4
G50.0	10177.8	9844.6	8016.6	10824.3	8711.3	8686.7	10550.3	8161.7	9860.7	9352.1
G51.0	9659.1	9339.2	7515.2	10180.7	8258.6	8208.8	9928.0	7690.5	9285.2	8832.0
G52.0	9078.1	8811.8	7054.0	9677.9	7756.4	7698.2	9340.5	7243.2	8823.3	8258.6
G53.0	8592.4	8385.4	6660.2	9067.2	7276.2	7267.8	8804.5	6838.1	8288.1	7802.9
G54.0	8130.5	7834.1	6286.4	8555.2	6895.0	6866.5	8303.3	6462.3	7787.8	7367.3
G55.0	7681.4	7422.5	5916.3	8046.9	6528.4	6452.5	7800.3	6057.1	7342.4	6946.5
G56.0	7226.9	7021.8	5571.7	7566.0	6141.7	6098.7	7368.9	5681.3	6920.8	6512.8
G57.0	6787.0	6597.3	5259.9	7096.1	5760.5	5757.7	6860.4	5382.5	6469.9	6154.5
G58.0	6404.0	6222.4	4908.1	6653.7	5410.4	5431.2	6434.5	5070.8	6105.2	5786.9
G59.0	6015.4	5816.3	4636.4	6251.4	5097.0	5133.9	6080.2	4709.7	5716.6	5435.9
G60.0	5643.3	5503.9	4364.8	5818.1	4794.6	4798.4	5678.1	4475.0	5322.6	5079.4
G61.0	5306.1	5158.4	4136.8	5426.8	4501.3	4532.1	5263.2	4223.8	4961.5	4754.1
G62.0	4910.2	4796.4	3892.5	5097.7	4217.3	4229.3	4883.2	3950.7	4604.1	4438.0
G63.0	4596.8	4533.6	3640.9	4719.2	3973.5	3975.8	4547.3	3668.4	4263.2	4140.3
G64.0	4268.7	4162.4	3427.6	4355.3	3716.9	3716.9	4224.2	3475.9	3969.9	3870.2
G65.0	4015.8	3930.8	3185.1	4066.4	3449.3	3481.6	3980.0	3274.2	3750.0	3587.2
G66.0	3737.2	3686.4	2980.9	3814.1	3258.7	3290.1	3658.7	3057.9	3442.1	3352.0
G67.0	3464.1	3407.1	2809.6	3516.1	3018.6	3062.1	3374.2	2909.4	3187.3	3102.0
G68.0	3183.6	3131.4	2632.7	3216.2	2829.8	2806.8	3087.8	2654.6	2941.7	2853.9
G69.0	2921.6	2940.3	2450.4	2991.3	2668.5	2589.8	2896.9	2517.1	2701.6	2683.0
G70.0	2740.1	2677.5	2293.6	2824.9	2476.1	2500.4	2617.8	2346.6	2520.2	2490.1
G71.0	2556.8	2536.0	2136.8	2534.2	2298.3	2299.8	2432.4	2150.4	2366.2	2344.9
G72.0	2342.4	2359.6	2056.6	2382.4	2186.5	2110.1	2219.5	2088.1	2138.9	2124.4
G73.0	2182.9	2225.5	1881.6	2168.5	1988.6	1969.7	2041.4	1880.9	1964.8	1971.8

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	1988.6	2050.9	1801.3	2013.1	1779.6	1770.9	1854.2	1715.9	1770.5	1819.3
G75.0	1832.8	1905.7	1701.0	1914.4	1704.5	1656.0	1668.7	1620.6	1640.4	1663.1
G76.0	1776.0	1824.8	1657.3	1740.7	1609.2	1479.1	1485.2	1550.9	1561.6	1563.9
G77.0	1658.7	1659.4	1566.1	1638.3	1519.4	1395.2	1386.0	1417.1	1407.6	1438.9
G78.0	1530.4	1580.4	1491.4	1462.7	1413.1	1282.1	1207.9	1265.0	1239.0	1247.8
G79.0	1422.3	1418.7	1283.5	1400.6	1239.0	1158.1	1112.5	1158.6	1083.2	1086.1
G80.0	1290.3	1251.5	1216.1	1192.1	1108.8	979.4	939.9	1017.5	971.4	959.3
G81.0	1119.9	1100.8	1031.9	1011.1	978.7	860.8	807.8	881.8	850.4	817.8
G82.0	909.1	948.3	909.8	883.1	821.1	811.6	666.4	770.0	705.6	687.3
G83.0	822.9	782.9	804.0	795.4	672.6	674.8	635.2	682.0	555.4	599.1
G84.0	667.2	635.8	700.1	669.2	403.2	569.0	605.8	594.0	339.1	492.5
G85.0	469.2	617.5	464.9	491.9	412.4	490.6	484.6	473.0	350.1	389.6
G86.0	373.9	338.1	466.7	440.7	410.5	397.6	414.9	396.0	278.6	356.5
G87.0	313.4	384.1	423.0	347.4	386.7	364.8	246.0	374.0	269.4	306.9
G88.0	258.4	329.0	395.6	426.0	417.9	441.4	400.2	407.0	304.3	356.5
G89.0	329.9	380.4	382.9	369.3	443.5	388.5	413.1	408.8	311.6	341.8
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	63799.4	63799.4	63799.4	63799.4	63799.4	63799.4	63799.4			
G1.0	63835.9	63812.2	63742.6	63806.7	63665.4	63665.6	63673.0			
G2.0	63874.2	63740.9	63605.2	63642.6	63496.5	63410.8	63478.7			
G3.0	63742.9	63592.8	63460.4	63411.0	63254.2	63159.6	63143.3			
G4.0	63529.6	63388.0	63183.6	63111.8	62916.4	62798.5	62791.4			
G5.0	63245.2	63091.8	62903.2	62759.9	62481.3	62378.6	62347.8			
G6.0	62887.8	62676.8	62417.5	62212.7	62002.2	61815.8	61818.1			
G7.0	62433.8	62184.9	61937.3	61682.0	61416.6	61165.0	61209.6			
G8.0	61872.3	61627.3	61350.8	61007.2	60786.9	60512.4	60571.8			
G9.0	61221.4	60934.3	60645.2	60288.6	60006.7	59773.6	59882.6			
G10.0	60493.9	60235.8	59851.6	59435.1	59105.3	58988.9	59103.7			
G11.0	59751.9	59409.4	59012.2	58499.5	58185.6	58121.8	58359.6			
G12.0	58949.7	58515.3	58009.6	57591.3	57278.7	57218.0	57421.1			
G13.0	58049.0	57549.8	57102.4	56606.4	56333.2	56209.7	56519.4			
G14.0	57008.0	56553.3	56092.5	55572.4	55301.5	55183.1	55577.3			
G15.0	56019.8	55447.2	55049.7	54479.9	54143.1	54127.1	54547.2			
G16.0	54760.0	54324.5	53966.5	53252.5	53012.3	52997.8	53414.5			
G17.0	53533.0	53099.4	52626.7	52094.4	51839.2	51815.4	52239.7			
G18.0	52165.5	51784.8	51376.8	50832.4	50601.9	50532.1	50921.9			
G19.0	50723.4	50261.7	50026.0	49535.6	49305.8	49052.6	49633.4			
G20.0	49027.8	48780.7	48592.8	48124.0	47793.1	47628.2	48207.4			
G21.0	47315.8	47140.6	47089.9	46614.0	46263.9	46088.3	46634.9			
G22.0	45596.5	45456.6	45438.5	44861.3	44696.1	44487.8	44945.0			
G23.0	43755.1	43675.7	43514.1	43110.5	42954.0	42795.7	43339.4			
G24.0	41826.1	41763.2	41686.8	41346.9	41173.2	41013.8	41488.2			
G25.0	39908.1	39651.3	39830.2	39521.3	39385.2	39066.9	39712.2			
G26.0	37756.8	37747.9	37940.6	37496.9	37371.3	37290.4	37861.0			
G27.0	35771.3	35749.5	36007.0	35602.0	35482.3	35457.2	36000.7			
G28.0	33794.9	33879.0	33939.6	33723.5	33677.7	33634.9	34175.2			
G29.0	31855.0	32034.1	32062.8	31912.5	31838.2	31818.1	32397.3			
G30.0	29971.7	30138.0	30215.4	30096.0	30191.5	29858.4	30742.3			
G31.0	28183.1	28585.7	28503.6	28436.4	28486.1	28169.9	29151.4			
G32.0	26292.4	27137.6	26863.2	26669.1	27052.3	26521.8	27600.8			
G33.0	24620.6	25791.8	25147.7	25159.0	25658.9	24930.6	26281.1			
G34.0	23058.1	24539.4	23654.0	23689.1	24419.8	23392.5	24884.5			
G35.0	21537.5	23303.3	22250.1	22354.0	23244.9	21790.2	23574.0			
G36.0	20113.6	22264.8	20866.3	21028.2	22022.2	20435.4	22371.7			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	18647.7	21240.9	19610.9	19709.6	21023.5	19144.8	21130.8			
G38.0	17488.2	20302.9	18337.1	18542.4	20050.6	17978.8	20031.1			
G39.0	16317.7	19386.8	17200.7	17442.6	19097.8	16855.0	18935.1			
G40.0	15251.1	18430.6	16154.2	16386.7	18203.8	15646.9	17892.2			
G41.0	14241.1	17604.1	15171.8	15478.4	17357.5	14695.4	16986.8			
G42.0	13245.6	16797.8	14237.1	14537.3	16426.7	13793.5	16134.5			
G43.0	12388.7	15980.5	13320.7	13612.7	15646.5	12922.7	15197.9			
G44.0	11637.5	15185.1	12499.6	12821.2	14930.5	12081.2	14501.4			
G45.0	10806.1	14448.3	11788.5	12055.2	14133.8	11329.6	13634.5			
G46.0	10120.6	13713.2	11040.7	11349.4	13388.5	10634.8	12835.4			
G47.0	9473.4	12981.9	10362.6	10605.3	12714.7	9956.5	12115.1			
G48.0	8880.8	12298.0	9688.1	10025.3	12011.6	9397.3	11400.3			
G49.0	8384.9	11553.9	9143.8	9467.2	11415.0	8799.7	10751.5			
G50.0	7876.2	10941.3	8619.6	8934.7	10730.2	8244.2	10177.8			
G51.0	7374.9	10354.4	8154.1	8431.3	10159.3	7784.0	9659.1			
G52.0	6979.2	9736.4	7615.2	7960.8	9538.8	7362.4	9078.1			
G53.0	6565.4	9213.5	7219.4	7532.2	9045.0	6995.7	8592.4			
G54.0	6173.4	8608.2	6792.3	7140.1	8553.0	6522.7	8130.5			
G55.0	5797.8	8103.6	6409.3	6722.4	8039.0	6196.4	7681.4			
G56.0	5444.1	7630.0	6000.6	6332.2	7583.7	5866.4	7226.9			
G57.0	5134.1	7189.4	5661.5	5949.2	7148.6	5531.0	6787.0			
G58.0	4844.3	6704.9	5351.7	5637.3	6717.2	5208.3	6404.0			
G59.0	4514.3	6260.5	5031.0	5332.7	6260.1	4916.8	6015.4			
G60.0	4282.7	5832.7	4739.6	4986.2	5891.1	4632.7	5643.3			
G61.0	4058.5	5445.1	4426.2	4696.2	5476.2	4387.0	5306.1			
G62.0	3812.3	5070.2	4151.3	4400.8	5134.7	4135.8	4910.2			
G63.0	3522.4	4695.4	3933.2	4136.3	4752.9	3844.4	4596.8			
G64.0	3316.4	4391.9	3682.1	3910.2	4446.3	3633.5	4268.7			
G65.0	3115.9	4051.8	3484.1	3620.2	4112.2	3386.0	4015.8			
G66.0	2908.0	3792.2	3200.1	3343.0	3835.0	3178.9	3737.2			
G67.0	2725.7	3534.4	3009.4	3147.8	3585.3	3023.0	3464.1			
G68.0	2534.3	3208.9	2791.3	2970.9	3298.9	2792.1	3183.6			
G69.0	2412.1	3002.3	2657.6	2750.3	3018.1	2632.6	2921.6			
G70.0	2242.5	2815.8	2483.4	2600.7	2814.3	2443.7	2740.1			
G71.0	2078.5	2515.9	2325.8	2432.9	2595.8	2328.2	2556.8			
G72.0	1972.7	2355.0	2190.2	2276.1	2434.3	2192.6	2342.4			
G73.0	1788.6	2188.6	2016.1	2084.6	2221.3	2020.3	2182.9			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	1611.7	1991.2	1858.4	1922.3	2015.7	1893.8	1988.6			
G75.0	1535.1	1819.3	1735.6	1767.2	1811.9	1800.3	1832.8			
G76.0	1438.5	1656.6	1658.7	1659.6	1733.0	1736.1	1776.0			
G77.0	1354.6	1504.8	1530.4	1548.4	1567.8	1653.6	1658.7			
G78.0	1205.1	1329.3	1409.4	1435.3	1422.7	1552.8	1530.4			
G79.0	1092.1	1168.4	1281.1	1283.9	1279.5	1380.4	1422.3			
G80.0	920.7	1073.3	1121.7	1123.4	1152.9	1226.5	1290.3			
G81.0	815.0	925.2	973.2	983.0	1035.4	1078.0	1119.9			
G82.0	723.8	810.0	898.1	838.9	822.4	933.1	909.1			
G83.0	649.1	746.0	692.8	778.8	774.7	834.1	822.9			
G84.0	523.3	588.8	584.7	594.6	697.6	687.5	667.2			
G85.0	479.5	482.7	410.5	505.2	615.0	639.8	469.2			
G86.0	340.9	405.9	377.6	381.2	460.8	430.8	373.9			
G87.0	299.0	343.7	403.2	388.5	449.8	441.8	313.4			
G88.0	375.6	352.9	438.0	443.2	343.3	385.0	258.4			
G89.0	399.3	378.5	373.9	393.9	425.9	412.5	329.9			
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.6 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.450 m [K=1.0000]  
 Humidity:  
 Inspector: