

Report No.:

Test Time: 2023/6/28 20:01

## Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.333 A  
Power Factor: 0.990

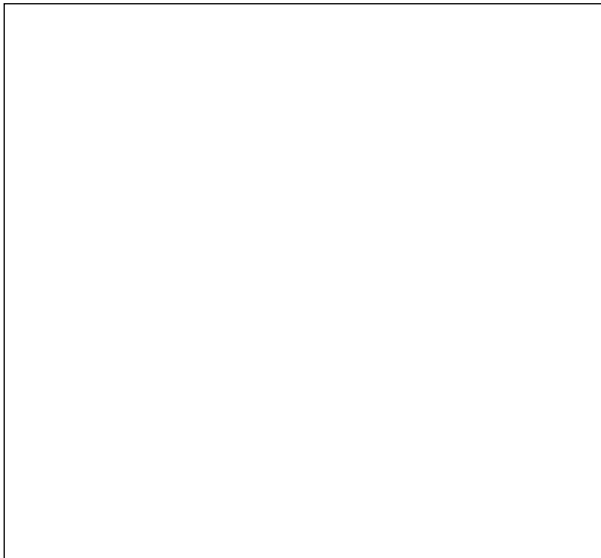
Luminaire Description:  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 120.0 V  
Power: 39.51 W

## Photometric Results

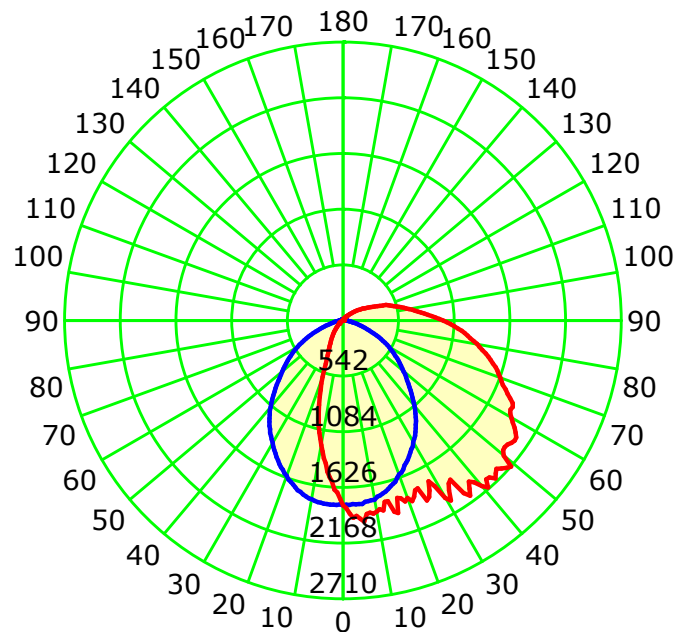
IES Classification: Type IV  
Total Rated Lamp Lumens: 5392.3 lm  
Efficiency: 100%  
Upward Ratio: 11%  
C0r0 Intensity: 1798.51 cd  
Pos of Max. Intensity: H90 V49  
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 91.4, 99.5, 93.1, 94.0

Longitudinal Classification: Very Short  
Measurement Flux: 5392.3 lm  
Downward Ratio: 89%  
Luminaire Efficacy Rating (LER): 136.53  
Max. Intensity: 2168.7 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

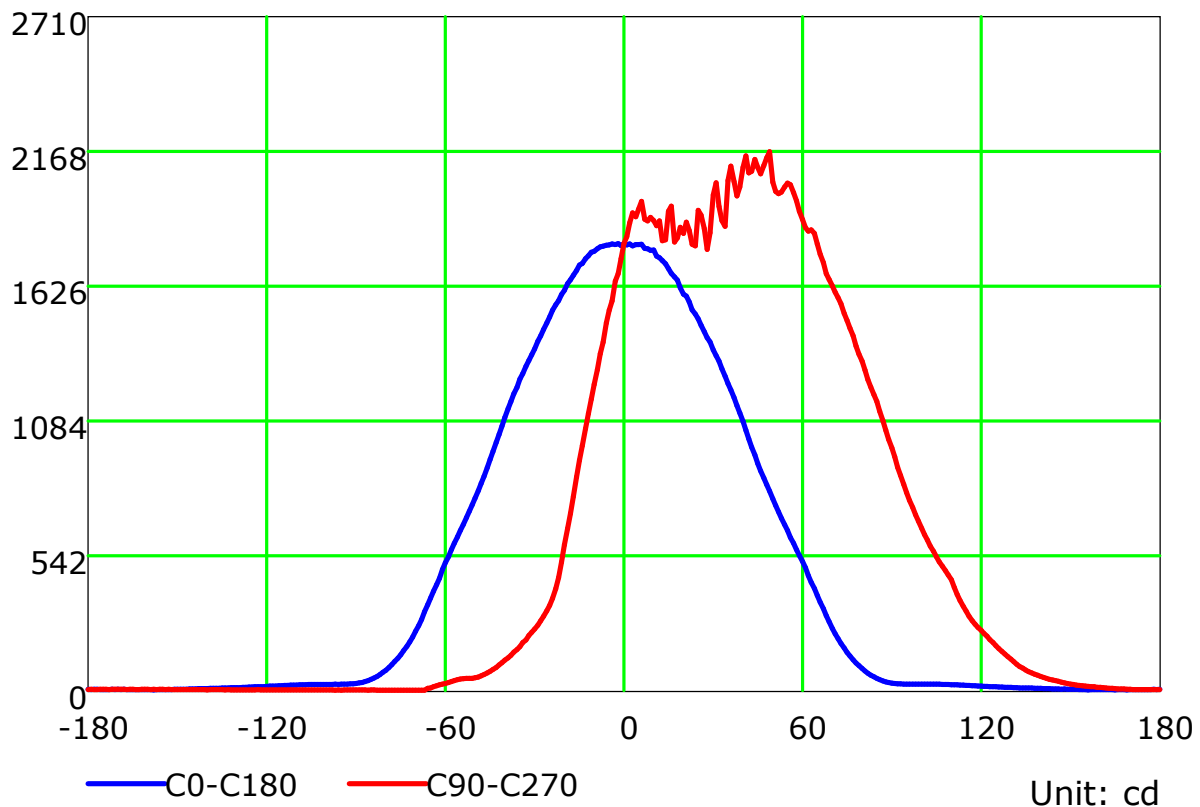
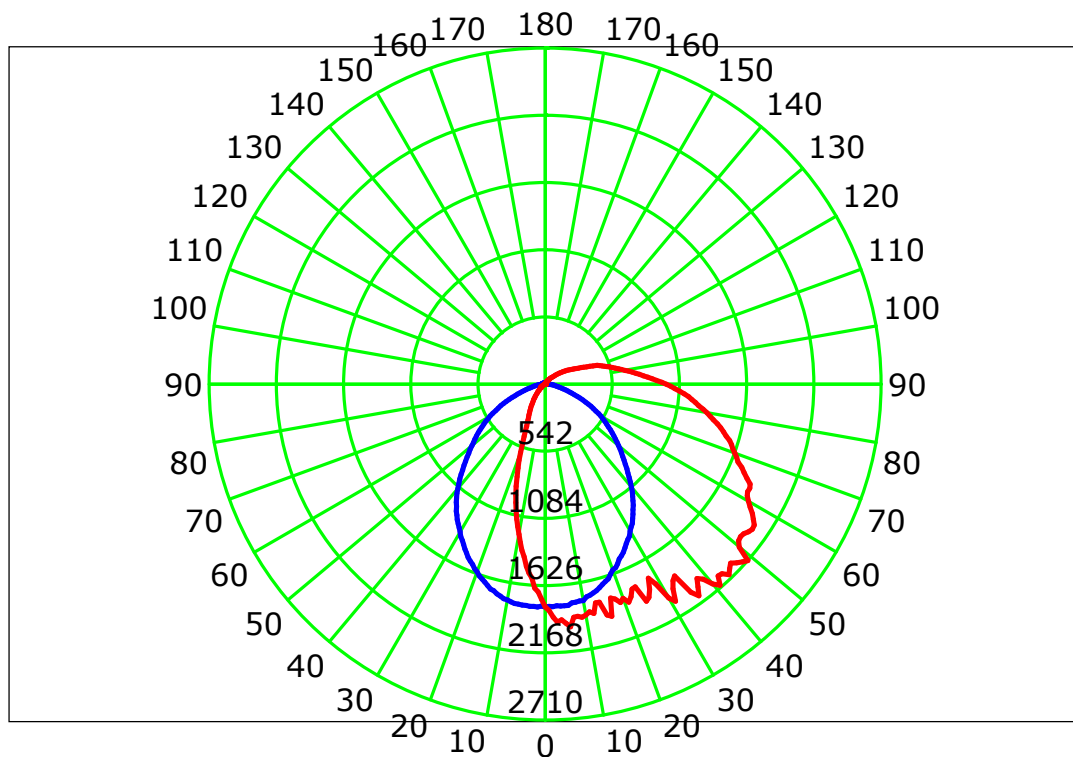
Average Diffuse Angle(50%): 95.5°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.3 'C  
Operator:

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

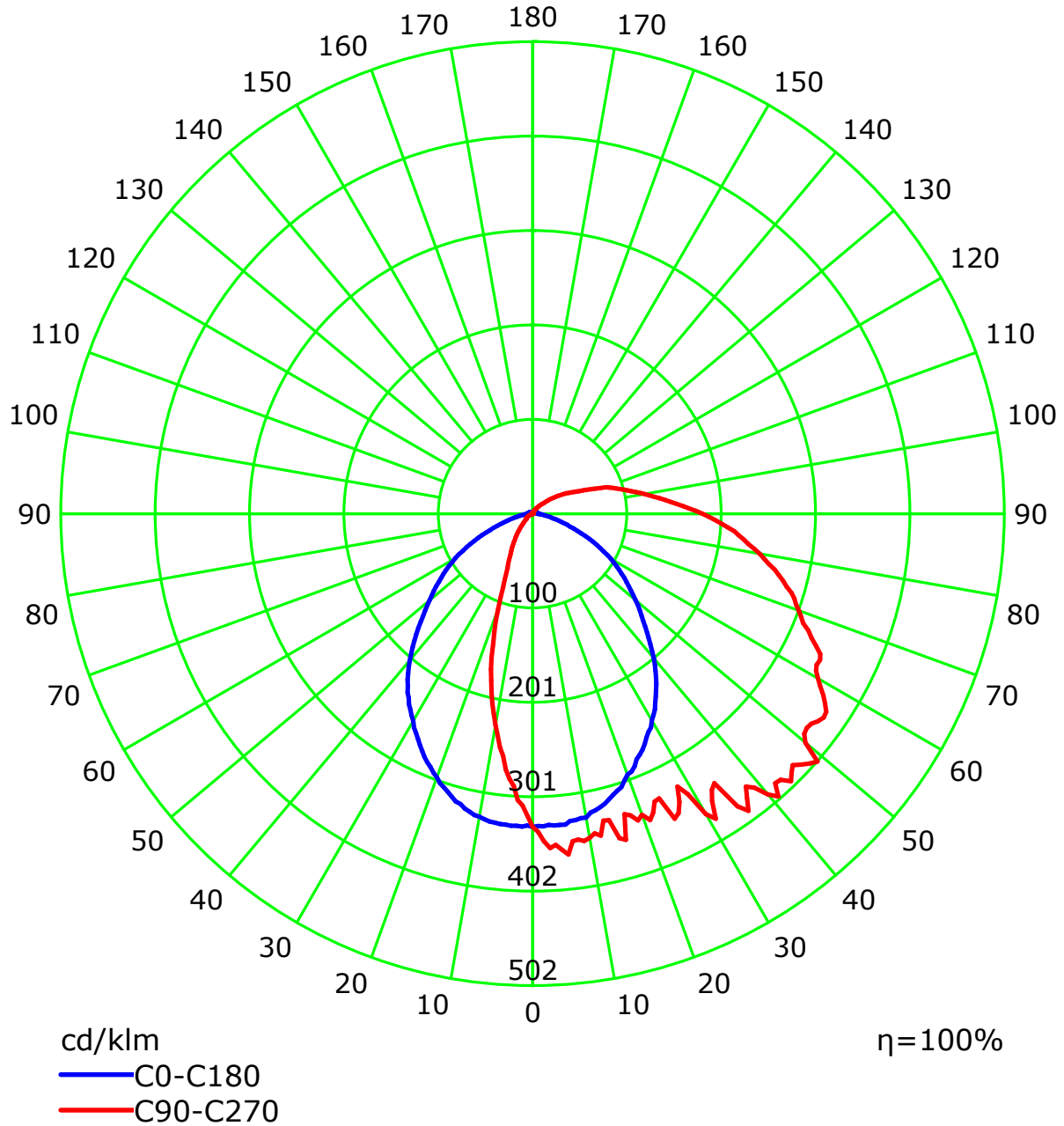
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.3 'C  
Operator:

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

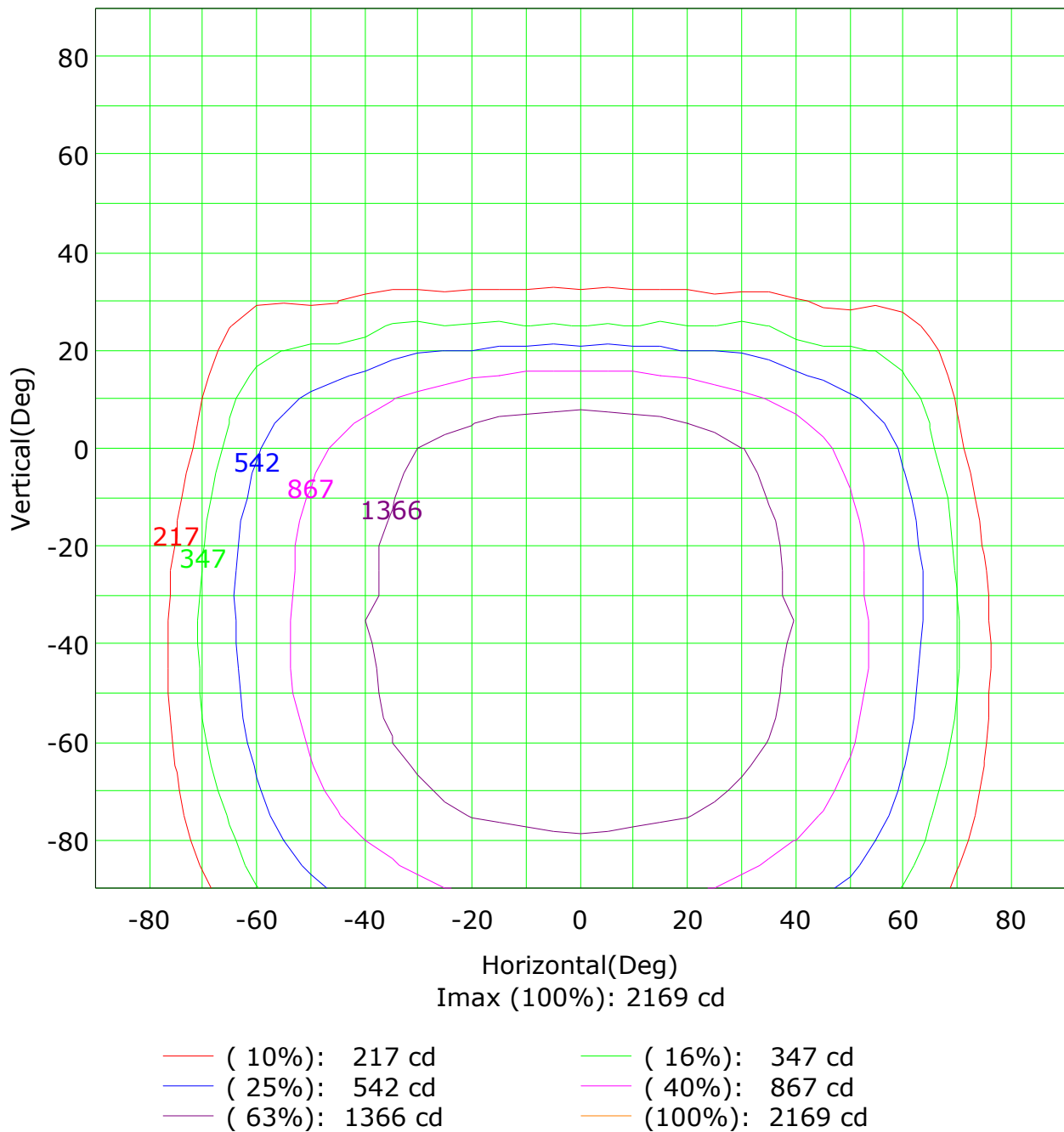
## Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.3 'C  
Operator:

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

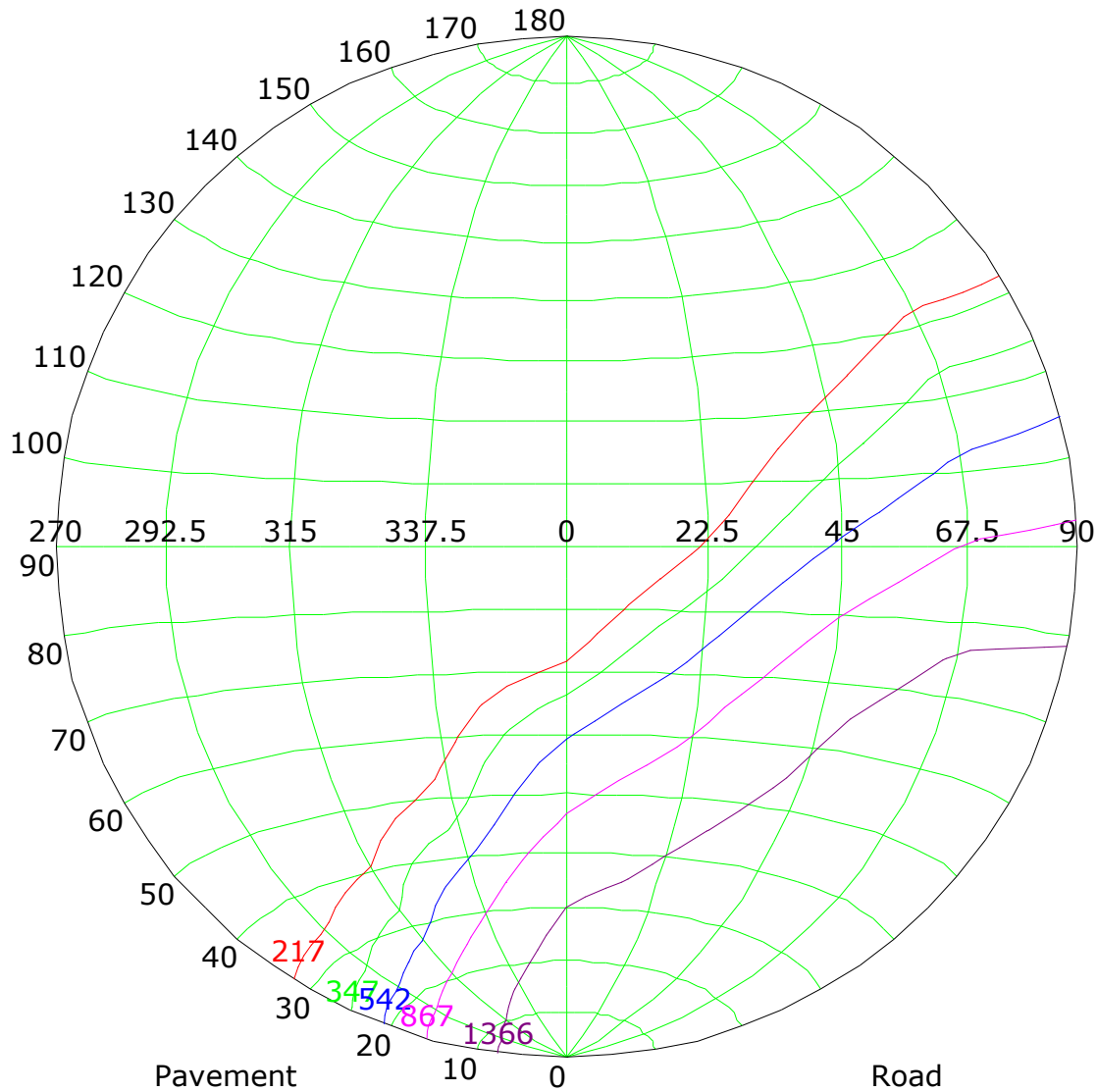
## Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.3 '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)



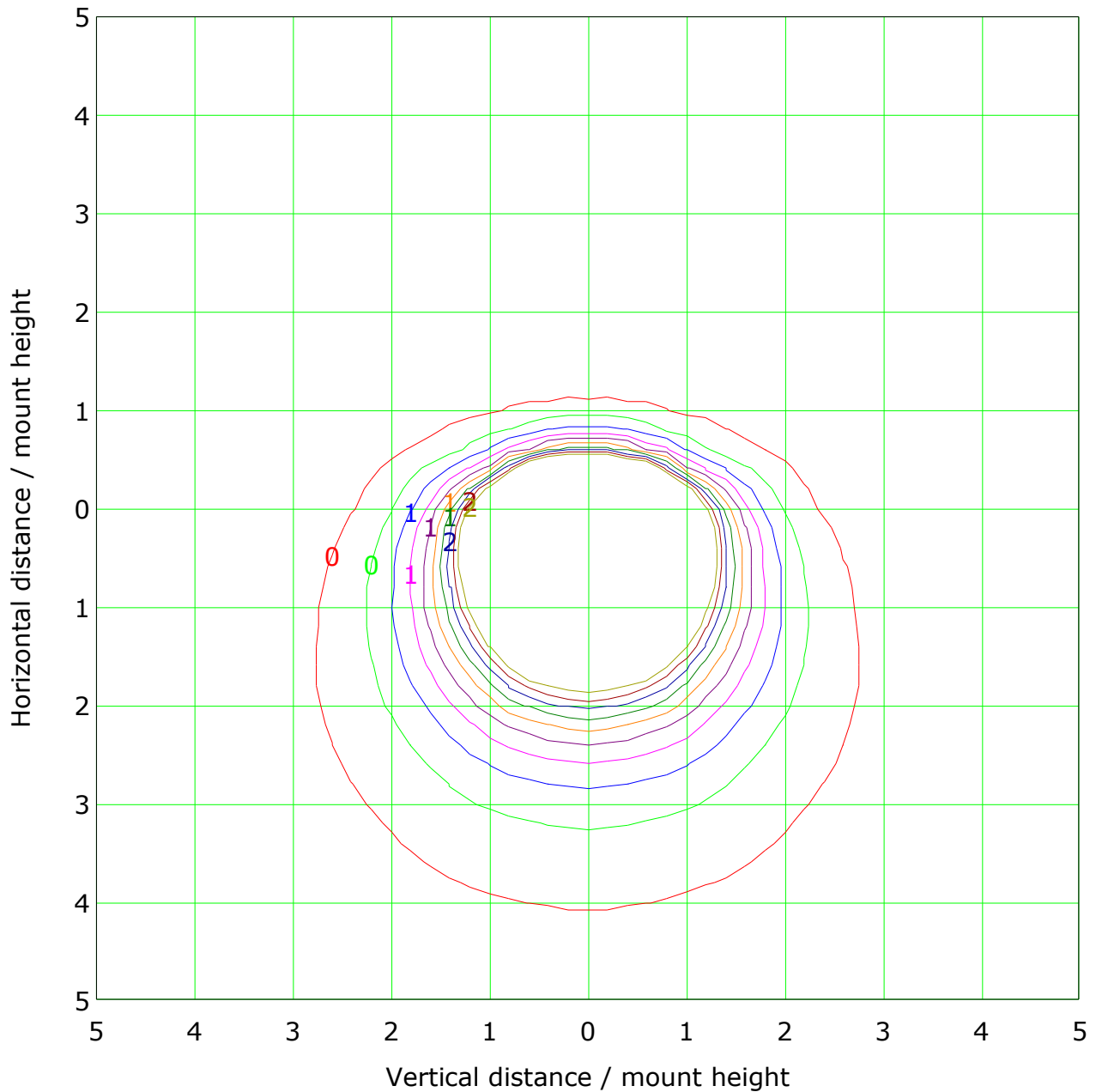
CIE: broad - short  
CIE: Non-cut-off luminaire  
Max.At90: 181.251 cd/klm

IES: Non-cut-off  
Max.At80: 245.882 cd/klm  
Max.80-90: 245.882 cd/klm

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.3 '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



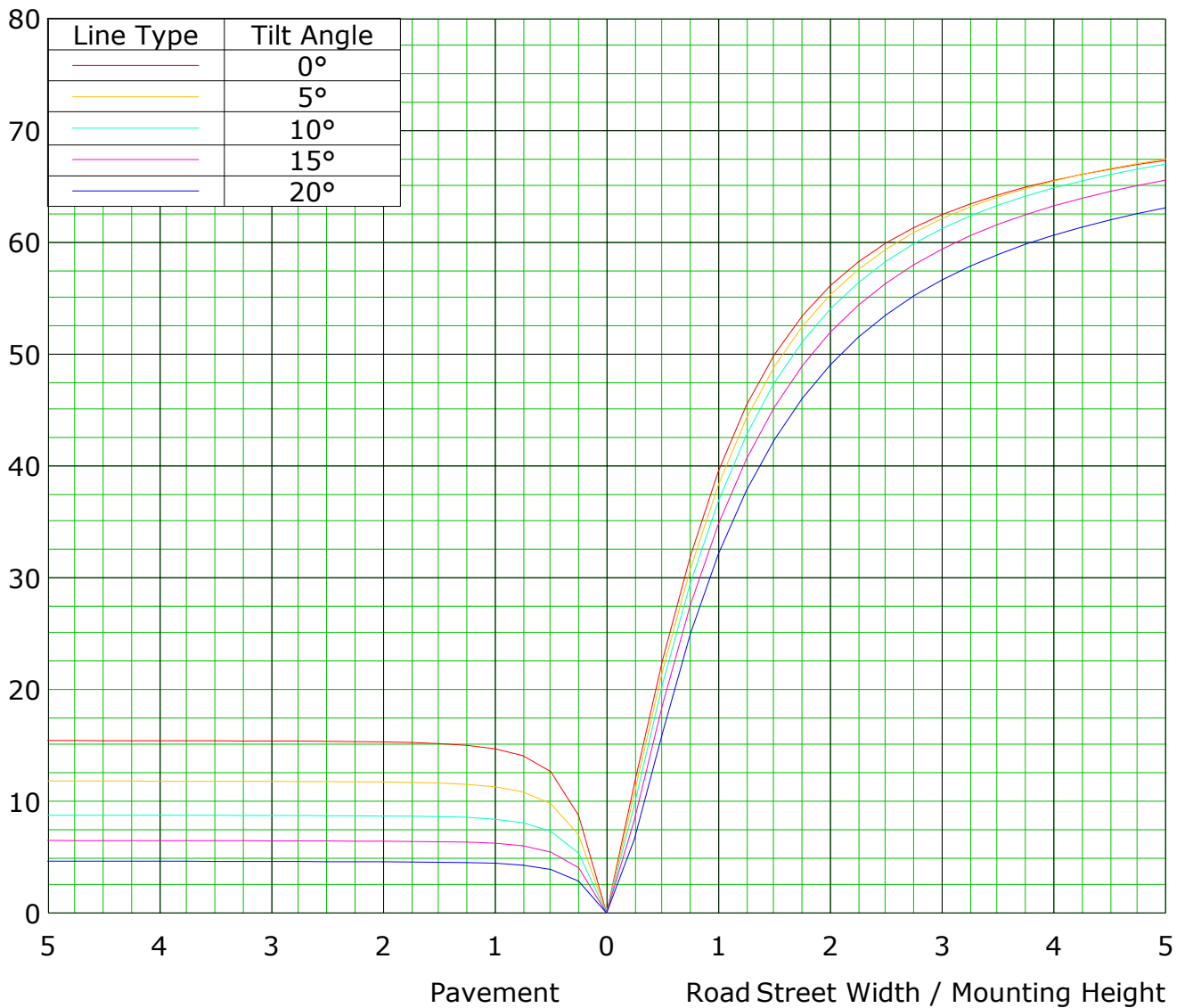
Mounting Height: 10.0m    Max Lux(100%): 19.6 lx	
( 1%): 0.2 lx	( 2%): 0.4 lx
( 3%): 0.6 lx	( 4%): 0.8 lx
( 5%): 1.0 lx	( 6%): 1.2 lx
( 7%): 1.4 lx	( 8%): 1.6 lx
( 9%): 1.8 lx	( 10%): 2.0 lx

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.3 '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

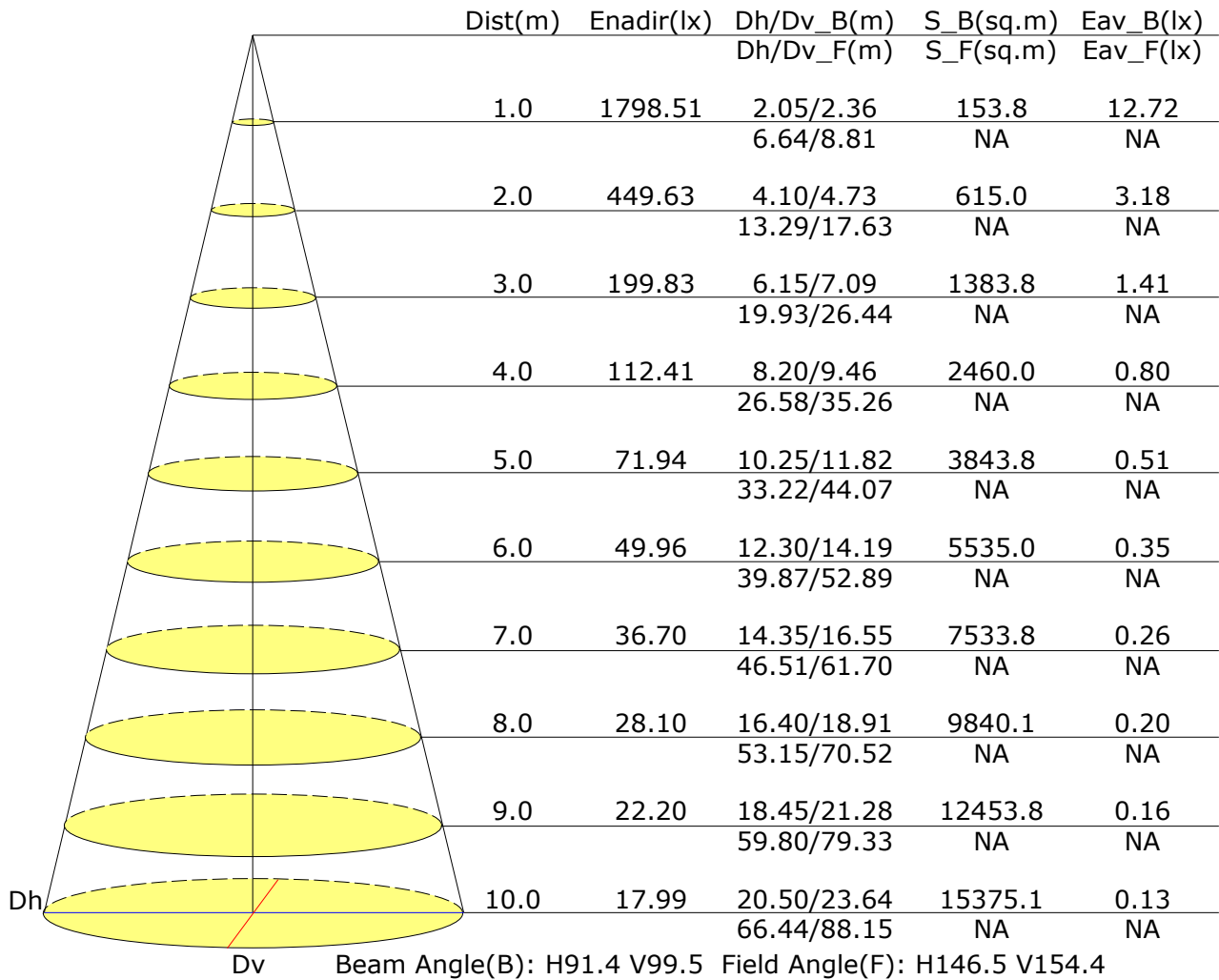
Efficiency(%)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.3 '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

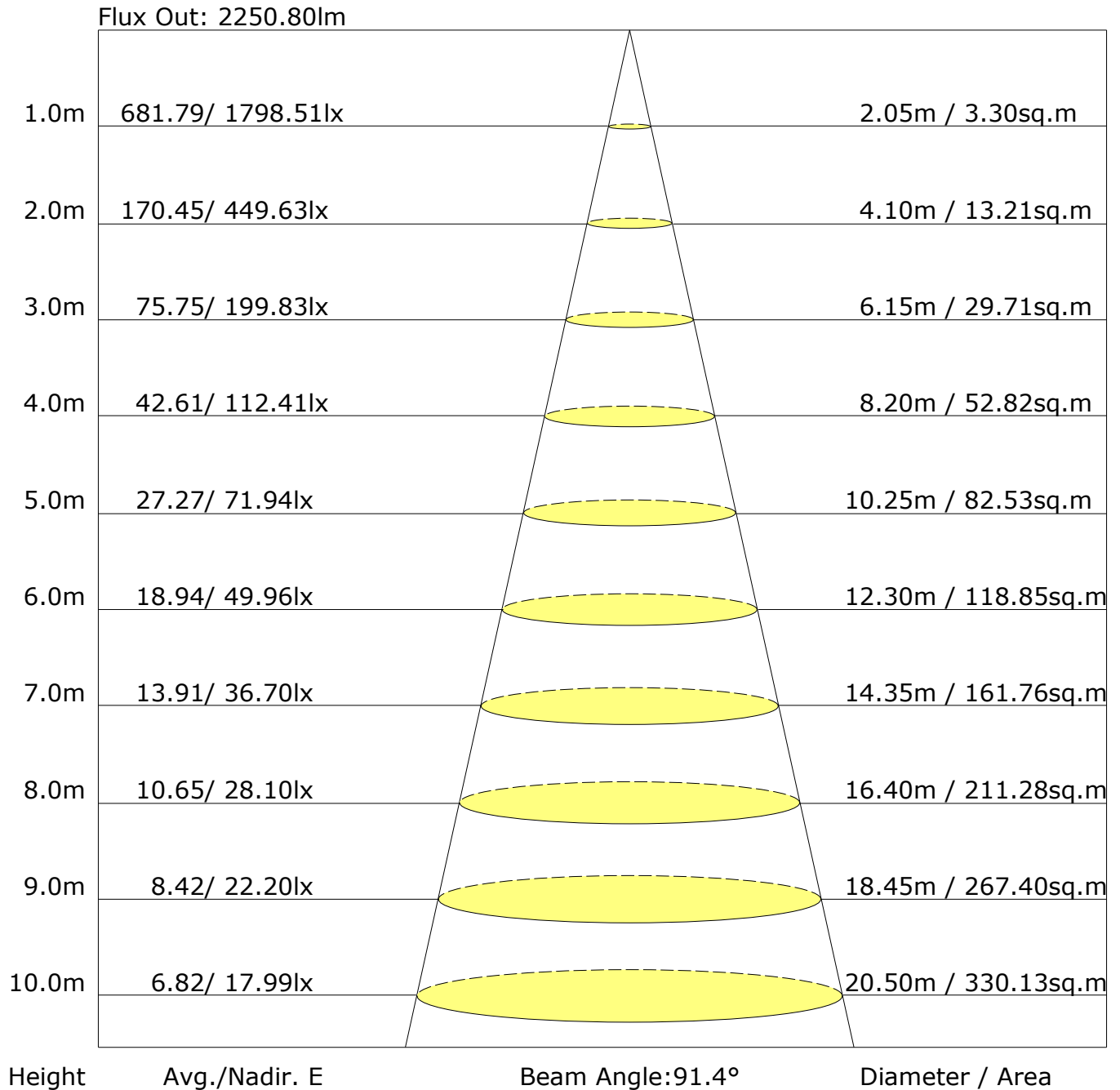


C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.3 'C  
Operator:

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



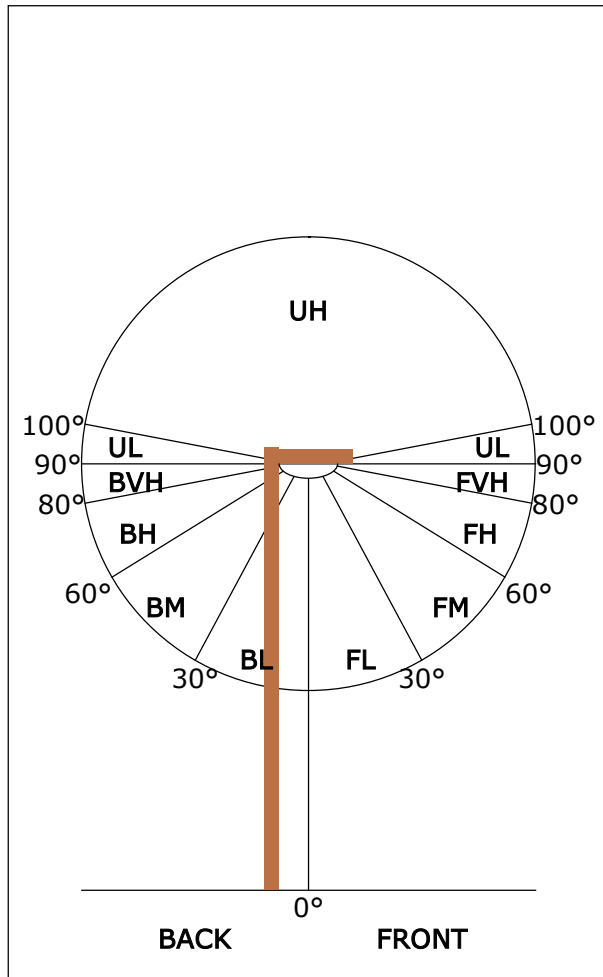
## The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 °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	3974	73.7
FL ( 0°-30°)	753	14.0
FM (30°-60°)	1770	32.8
FH (60°-80°)	1085	20.1
FVH (80°-90°)	366	6.8
BACK LIGHT	824	15.3
BL ( 0°-30°)	416	7.7
BM (30°-60°)	334	6.2
BH (60°-80°)	65	1.2
BVH (80°-90°)	8	0.2
UP LIGHT	595	11.0
UL (90°-100°)	250	4.6
UH (100°-180°)	345	6.4
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U5 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U5 G2

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Test Device: GPM-3000  
Distance: 14.140 m [K=1.0000]  
Humidity:  
Inspector:

## Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1793.1	1.7	1.7	0.03	0.03
1.0-2.0	1783.6	5.1	6.8	0.09	0.13
2.0-3.0	1779.7	8.5	15.3	0.16	0.28
3.0-4.0	1773.5	11.9	27.2	0.22	0.50
4.0-5.0	1761.1	15.2	42.4	0.28	0.79
5.0-6.0	1753.5	18.4	60.8	0.34	1.13
6.0-7.0	1739.6	21.6	82.4	0.40	1.53
7.0-8.0	1716.0	24.6	107.0	0.46	1.98
8.0-9.0	1694.9	27.5	134.4	0.51	2.49
9.0-10.0	1667.9	30.2	164.6	0.56	3.05
10.0-11.0	1637.2	32.7	197.3	0.61	3.66
11.0-12.0	1614.7	35.3	232.6	0.65	4.31
12.0-13.0	1594.4	37.8	270.5	0.70	5.02
13.0-14.0	1568.2	40.1	310.6	0.74	5.76
14.0-15.0	1542.4	42.3	353.0	0.79	6.55
15.0-16.0	1526.0	44.7	397.7	0.83	7.38
16.0-17.0	1505.1	46.9	444.6	0.87	8.24
17.0-18.0	1464.3	48.3	492.9	0.90	9.14
18.0-19.0	1417.5	49.3	542.2	0.91	10.05
19.0-20.0	1387.2	50.8	593.0	0.94	11.00
20.0-21.0	1370.1	52.6	645.6	0.98	11.97
21.0-22.0	1348.4	54.2	699.8	1.00	12.98
22.0-23.0	1316.1	55.2	755.0	1.02	14.00
23.0-24.0	1275.7	55.8	810.8	1.03	15.04
24.0-25.0	1246.8	56.7	867.5	1.05	16.09
25.0-26.0	1231.7	58.1	925.6	1.08	17.17
26.0-27.0	1217.3	59.6	985.2	1.10	18.27
27.0-28.0	1197.1	60.6	1045.8	1.12	19.39
28.0-29.0	1173.5	61.4	1107.2	1.14	20.53
29.0-30.0	1152.9	62.3	1169.5	1.15	21.69
30.0-31.0	1135.3	63.2	1232.7	1.17	22.86
31.0-32.0	1123.0	64.3	1297.0	1.19	24.05
32.0-33.0	1110.2	65.4	1362.4	1.21	25.27
33.0-34.0	1093.2	66.2	1428.6	1.23	26.49
34.0-35.0	1077.4	66.9	1495.5	1.24	27.73
35.0-36.0	1060.3	67.5	1563.0	1.25	28.99

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 Distance: 14.140 m [K=1.0000]  
 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 [%]
36.0-37.0	1042.7	68.0	1631.0	1.26	30.25
37.0-38.0	1032.0	68.9	1699.9	1.28	31.53
38.0-39.0	1020.4	69.7	1769.6	1.29	32.82
39.0-40.0	1009.0	70.4	1840.0	1.31	34.12
40.0-41.0	999.7	71.2	1911.2	1.32	35.44
41.0-42.0	983.3	71.4	1982.6	1.32	36.77
42.0-43.0	970.5	71.9	2054.5	1.33	38.10
43.0-44.0	957.0	72.2	2126.8	1.34	39.44
44.0-45.0	941.7	72.4	2199.1	1.34	40.78
45.0-46.0	931.4	72.8	2272.0	1.35	42.13
46.0-47.0	912.2	72.6	2344.6	1.35	43.48
47.0-48.0	892.6	72.2	2416.7	1.34	44.82
48.0-49.0	881.3	72.4	2489.1	1.34	46.16
49.0-50.0	870.2	72.6	2561.7	1.35	47.51
50.0-51.0	861.3	72.9	2634.5	1.35	48.86
51.0-52.0	847.3	72.7	2707.3	1.35	50.21
52.0-53.0	826.0	71.9	2779.1	1.33	51.54
53.0-54.0	809.5	71.4	2850.5	1.32	52.86
54.0-55.0	796.3	71.1	2921.6	1.32	54.18
55.0-56.0	785.9	71.0	2992.6	1.32	55.50
56.0-57.0	776.0	71.0	3063.6	1.32	56.81
57.0-58.0	762.8	70.5	3134.1	1.31	58.12
58.0-59.0	746.8	69.8	3204.0	1.30	59.42
59.0-60.0	729.9	69.0	3272.9	1.28	60.70
60.0-61.0	713.7	68.1	3341.0	1.26	61.96
61.0-62.0	698.6	67.3	3408.4	1.25	63.21
62.0-63.0	684.8	66.6	3475.0	1.24	64.44
63.0-64.0	671.1	65.9	3540.8	1.22	65.66
64.0-65.0	655.1	64.8	3605.7	1.20	66.87
65.0-66.0	638.3	63.7	3669.4	1.18	68.05
66.0-67.0	621.2	62.5	3731.8	1.16	69.21
67.0-68.0	603.1	61.1	3792.9	1.13	70.34
68.0-69.0	584.4	59.6	3852.6	1.11	71.45
69.0-70.0	566.8	58.2	3910.8	1.08	72.53
70.0-71.0	550.5	56.9	3967.7	1.06	73.58
71.0-72.0	535.5	55.7	4023.4	1.03	74.61

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 Test Device: GPM-3000  
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 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	520.9	54.5	4077.9	1.01	75.62
73.0-74.0	506.2	53.2	4131.1	0.99	76.61
74.0-75.0	491.3	51.9	4183.0	0.96	77.57
75.0-76.0	476.6	50.6	4233.6	0.94	78.51
76.0-77.0	462.1	49.3	4282.9	0.91	79.43
77.0-78.0	447.9	48.0	4330.8	0.89	80.32
78.0-79.0	433.8	46.6	4377.5	0.86	81.18
79.0-80.0	419.3	45.2	4422.7	0.84	82.02
80.0-81.0	404.2	43.7	4466.4	0.81	82.83
81.0-82.0	389.1	42.2	4508.6	0.78	83.61
82.0-83.0	375.1	40.8	4549.4	0.76	84.37
83.0-84.0	361.9	39.4	4588.8	0.73	85.10
84.0-85.0	349.1	38.1	4626.9	0.71	85.81
85.0-86.0	336.3	36.8	4663.7	0.68	86.49
86.0-87.0	323.2	35.4	4699.1	0.66	87.14
87.0-88.0	310.3	34.0	4733.1	0.63	87.77
88.0-89.0	297.7	32.6	4765.7	0.61	88.38
89.0-90.0	285.8	31.3	4797.0	0.58	88.96
90.0-91.0	274.4	30.1	4827.1	0.56	89.52
91.0-92.0	262.7	28.8	4855.9	0.53	90.05
92.0-93.0	251.7	27.6	4883.5	0.51	90.56
93.0-94.0	241.2	26.4	4909.9	0.49	91.05
94.0-95.0	231.3	25.3	4935.2	0.47	91.52
95.0-96.0	222.5	24.3	4959.5	0.45	91.97
96.0-97.0	213.7	23.3	4982.7	0.43	92.41
97.0-98.0	205.2	22.3	5005.1	0.41	92.82
98.0-99.0	197.0	21.4	5026.4	0.40	93.22
99.0-100.0	188.9	20.4	5046.8	0.38	93.59
100.0-101.0	181.3	19.5	5066.4	0.36	93.96
101.0-102.0	174.2	18.7	5085.1	0.35	94.30
102.0-103.0	167.5	17.9	5103.0	0.33	94.64
103.0-104.0	161.0	17.2	5120.2	0.32	94.95
104.0-105.0	154.8	16.4	5136.6	0.30	95.26
105.0-106.0	148.8	15.7	5152.4	0.29	95.55
106.0-107.0	143.0	15.0	5167.4	0.28	95.83
107.0-108.0	137.5	14.4	5181.8	0.27	96.10

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 Test Device: GPM-3000  
 Distance: 14.140 m [K=1.0000]  
 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 [%]
108.0-109.0	132.3	13.8	5195.5	0.26	96.35
109.0-110.0	126.9	13.1	5208.7	0.24	96.59
110.0-111.0	121.1	12.4	5221.1	0.23	96.83
111.0-112.0	115.1	11.7	5232.8	0.22	97.04
112.0-113.0	109.4	11.1	5243.9	0.21	97.25
113.0-114.0	104.0	10.5	5254.4	0.19	97.44
114.0-115.0	98.8	9.9	5264.2	0.18	97.63
115.0-116.0	93.8	9.3	5273.5	0.17	97.80
116.0-117.0	88.9	8.7	5282.3	0.16	97.96
117.0-118.0	84.3	8.2	5290.5	0.15	98.11
118.0-119.0	79.9	7.7	5298.2	0.14	98.25
119.0-120.0	75.7	7.2	5305.4	0.13	98.39
120.0-121.0	71.8	6.8	5312.2	0.13	98.51
121.0-122.0	67.8	6.3	5318.5	0.12	98.63
122.0-123.0	63.8	5.9	5324.4	0.11	98.74
123.0-124.0	59.8	5.5	5329.9	0.10	98.84
124.0-125.0	56.0	5.1	5334.9	0.09	98.94
125.0-126.0	52.3	4.7	5339.6	0.09	99.02
126.0-127.0	48.9	4.3	5343.9	0.08	99.10
127.0-128.0	45.6	4.0	5347.9	0.07	99.18
128.0-129.0	42.4	3.6	5351.5	0.07	99.24
129.0-130.0	39.4	3.3	5354.9	0.06	99.31
130.0-131.0	36.6	3.1	5357.9	0.06	99.36
131.0-132.0	34.1	2.8	5360.7	0.05	99.41
132.0-133.0	31.8	2.6	5363.3	0.05	99.46
133.0-134.0	29.7	2.4	5365.6	0.04	99.51
134.0-135.0	27.8	2.2	5367.8	0.04	99.55
135.0-136.0	26.1	2.0	5369.8	0.04	99.58
136.0-137.0	24.6	1.9	5371.7	0.03	99.62
137.0-138.0	23.1	1.7	5373.4	0.03	99.65
138.0-139.0	21.9	1.6	5375.0	0.03	99.68
139.0-140.0	20.5	1.5	5376.4	0.03	99.71
140.0-141.0	19.3	1.3	5377.8	0.02	99.73
141.0-142.0	18.2	1.2	5379.0	0.02	99.75
142.0-143.0	17.2	1.1	5380.2	0.02	99.78
143.0-144.0	16.2	1.1	5381.2	0.02	99.80

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 Test Device: GPM-3000  
 Distance: 14.140 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	15.4	1.0	5382.2	0.02	99.81
145.0-146.0	14.5	0.9	5383.1	0.02	99.83
146.0-147.0	13.5	0.8	5383.9	0.02	99.85
147.0-148.0	12.9	0.8	5384.7	0.01	99.86
148.0-149.0	12.1	0.7	5385.4	0.01	99.87
149.0-150.0	11.3	0.6	5386.0	0.01	99.88
150.0-151.0	10.8	0.6	5386.6	0.01	99.89
151.0-152.0	10.3	0.5	5387.1	0.01	99.90
152.0-153.0	9.7	0.5	5387.6	0.01	99.91
153.0-154.0	9.2	0.4	5388.1	0.01	99.92
154.0-155.0	8.8	0.4	5388.5	0.01	99.93
155.0-156.0	8.3	0.4	5388.9	0.01	99.94
156.0-157.0	7.9	0.3	5389.2	0.01	99.94
157.0-158.0	7.6	0.3	5389.5	0.01	99.95
158.0-159.0	7.2	0.3	5389.8	0.01	99.95
159.0-160.0	7.0	0.3	5390.1	0.01	99.96
160.0-161.0	6.8	0.3	5390.3	0.00	99.96
161.0-162.0	6.6	0.2	5390.6	0.00	99.97
162.0-163.0	6.3	0.2	5390.8	0.00	99.97
163.0-164.0	6.1	0.2	5391.0	0.00	99.98
164.0-165.0	5.8	0.2	5391.1	0.00	99.98
165.0-166.0	5.8	0.2	5391.3	0.00	99.98
166.0-167.0	5.6	0.1	5391.4	0.00	99.98
167.0-168.0	5.5	0.1	5391.6	0.00	99.99
168.0-169.0	5.5	0.1	5391.7	0.00	99.99
169.0-170.0	5.4	0.1	5391.8	0.00	99.99
170.0-171.0	5.1	0.1	5391.9	0.00	99.99
171.0-172.0	5.0	0.1	5392.0	0.00	99.99
172.0-173.0	5.0	0.1	5392.0	0.00	100.00
173.0-174.0	5.0	0.1	5392.1	0.00	100.00
174.0-175.0	5.0	0.1	5392.2	0.00	100.00
175.0-176.0	4.8	0.0	5392.2	0.00	100.00
176.0-177.0	4.8	0.0	5392.2	0.00	100.00
177.0-178.0	4.9	0.0	5392.3	0.00	100.00
178.0-179.0	4.9	0.0	5392.3	0.00	100.00
179.0-180.0	4.8	0.0	5392.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 '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°): 2199.14 lm

%lum = 40.8%

%lamp = 40.8%

cone flux(120°): 3272.92 lm

%lum = 60.7%

%lamp = 60.7%



## 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	1798.5	1798.5	1798.5	1798.5	1798.5	1798.5	1798.5	1798.5	1798.5	1798.5
G1.0	1793.7	1811.4	1823.1	1828.2	1827.3	1823.0	1816.9	1805.9	1790.9	1774.8
G2.0	1797.0	1820.8	1830.1	1864.0	1881.8	1862.7	1829.6	1811.0	1798.4	1753.2
G3.0	1789.6	1811.2	1890.5	1929.7	1922.6	1914.4	1887.5	1813.3	1794.9	1726.1
G4.0	1794.6	1831.3	1915.8	1930.2	1906.3	1914.5	1914.2	1843.0	1797.5	1701.7
G5.0	1794.2	1865.5	1920.4	1933.2	1937.2	1925.2	1911.2	1879.6	1792.9	1677.7
G6.0	1796.1	1902.0	1915.0	1988.4	1968.4	1988.5	1912.8	1890.4	1792.2	1655.1
G7.0	1778.6	1911.0	1939.2	1953.1	1896.2	1947.0	1953.7	1900.5	1788.5	1645.3
G8.0	1777.2	1903.8	1994.6	1878.4	1890.3	1872.3	1979.2	1896.7	1786.1	1621.3
G9.0	1771.1	1892.4	1957.7	1906.0	1903.5	1896.9	1950.8	1896.9	1777.8	1589.5
G10.0	1772.5	1881.1	1888.2	1906.8	1890.6	1894.2	1895.7	1885.5	1767.1	1542.9
G11.0	1748.0	1882.2	1871.9	1892.5	1870.7	1883.0	1890.2	1875.8	1763.6	1515.5
G12.0	1741.1	1869.3	1889.0	1882.8	1890.5	1872.5	1905.1	1888.3	1749.2	1491.1
G13.0	1729.6	1882.9	1886.8	1908.3	1810.5	1895.6	1892.6	1895.5	1737.4	1469.0
G14.0	1716.9	1899.8	1877.1	1851.5	1813.8	1829.1	1880.8	1910.9	1718.4	1446.8
G15.0	1698.0	1897.9	1851.0	1825.9	1929.1	1824.8	1862.5	1894.3	1711.7	1412.1
G16.0	1679.3	1863.2	1854.8	1938.6	1948.8	1930.5	1871.7	1871.5	1690.9	1386.4
G17.0	1664.9	1841.4	1873.0	1992.5	1805.3	1969.9	1867.0	1841.4	1670.7	1349.5
G18.0	1651.3	1793.5	1813.1	1856.0	1821.5	1852.3	1821.8	1800.3	1653.5	1310.5
G19.0	1620.6	1746.8	1760.0	1805.9	1863.7	1795.9	1777.3	1759.1	1637.6	1274.1
G20.0	1594.7	1732.5	1798.7	1868.6	1840.0	1855.8	1809.5	1734.5	1610.9	1233.2
G21.0	1587.3	1721.5	1854.6	1862.3	1885.2	1848.8	1867.0	1736.4	1593.6	1193.5
G22.0	1564.4	1715.7	1868.5	1879.0	1851.3	1852.5	1863.2	1718.0	1569.2	1164.4
G23.0	1532.1	1709.0	1773.5	1899.7	1796.1	1887.5	1777.7	1702.8	1552.2	1132.9
G24.0	1515.6	1681.2	1707.9	1815.9	1789.5	1799.4	1733.8	1678.6	1530.0	1095.8
G25.0	1495.6	1650.6	1751.4	1788.5	1932.8	1770.4	1765.3	1657.7	1503.8	1060.2
G26.0	1470.5	1635.6	1769.2	1818.6	1913.5	1812.6	1779.5	1643.3	1479.7	1015.4
G27.0	1443.7	1625.9	1742.8	1932.6	1859.0	1915.1	1753.9	1627.8	1452.7	976.3
G28.0	1419.3	1605.1	1735.3	1910.8	1774.9	1901.6	1751.9	1619.8	1427.7	935.7
G29.0	1403.2	1613.1	1750.0	1823.6	1842.3	1836.3	1756.0	1626.5	1406.1	897.0
G30.0	1370.5	1606.0	1697.7	1760.0	1993.9	1778.6	1716.0	1615.7	1374.4	863.3
G31.0	1348.2	1596.7	1647.2	1805.9	2043.0	1807.1	1673.3	1599.9	1351.3	819.9
G32.0	1326.2	1564.5	1628.5	1940.3	1948.2	1915.9	1652.2	1558.8	1328.1	784.4
G33.0	1295.0	1501.1	1673.9	1969.2	1891.5	1967.8	1686.3	1501.8	1304.6	753.0
G34.0	1265.2	1464.1	1709.8	1931.7	1868.1	1924.8	1724.3	1463.5	1275.5	722.5
G35.0	1236.3	1449.9	1702.0	1857.3	2051.6	1875.0	1730.2	1442.6	1253.2	681.9
G36.0	1209.5	1439.4	1648.4	1826.0	2109.7	1835.8	1675.8	1438.4	1220.8	641.8

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 '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	1179.1	1423.5	1585.3	1930.0	2048.3	1919.2	1611.4	1434.2	1194.5	605.7
G38.0	1146.8	1406.4	1569.0	2027.2	1990.1	2029.1	1585.8	1421.1	1163.8	568.7
G39.0	1116.9	1388.0	1625.7	1942.2	2026.2	1947.1	1631.7	1397.0	1133.9	538.0
G40.0	1083.2	1372.5	1651.2	1928.3	2104.6	1925.6	1673.9	1374.3	1098.7	503.6
G41.0	1047.9	1346.4	1626.7	1959.1	2151.7	1948.5	1657.5	1351.0	1064.3	471.4
G42.0	1012.5	1335.3	1592.4	1956.6	2083.6	1960.6	1618.2	1327.1	1031.4	441.8
G43.0	979.0	1318.5	1583.6	2040.5	2090.1	2057.3	1593.0	1315.4	998.4	410.9
G44.0	947.9	1299.3	1542.8	1972.4	2137.1	1991.2	1562.6	1292.4	962.4	382.6
G45.0	913.5	1262.7	1587.7	2007.9	2104.6	2025.3	1607.0	1258.8	930.5	353.1
G46.0	884.1	1215.8	1606.9	2021.2	2078.6	2019.5	1628.9	1215.6	897.1	330.9
G47.0	855.8	1177.6	1544.9	1969.3	2113.0	1968.4	1579.6	1174.5	862.6	309.8
G48.0	828.7	1145.9	1520.6	1970.0	2143.2	1966.9	1547.2	1142.3	833.6	289.9
G49.0	802.5	1135.8	1514.8	1981.0	2168.7	1981.6	1518.7	1123.8	804.1	271.9
G50.0	772.5	1133.4	1515.8	1993.7	2045.7	2000.2	1524.4	1118.0	774.3	255.1
G51.0	744.9	1112.9	1604.1	1971.0	2008.7	1963.7	1603.8	1107.5	747.1	242.4
G52.0	718.6	1075.0	1510.8	1935.5	1999.7	1931.7	1562.1	1072.3	721.9	231.3
G53.0	692.9	1046.2	1473.5	1918.2	2005.7	1911.5	1496.1	1031.0	695.6	220.6
G54.0	667.7	1014.4	1449.3	1908.3	2027.0	1898.4	1453.3	995.8	667.5	210.9
G55.0	644.4	984.2	1426.7	1900.2	2042.2	1891.3	1427.7	967.6	643.9	200.7
G56.0	616.1	991.3	1412.6	1892.1	2036.0	1889.4	1414.1	957.2	619.4	191.8
G57.0	593.0	973.9	1396.3	1888.5	2003.7	1881.8	1397.9	956.6	593.7	183.5
G58.0	567.7	927.7	1379.2	1877.8	1970.9	1875.4	1382.2	929.7	567.7	174.9
G59.0	544.7	891.5	1364.9	1858.4	1928.0	1859.5	1372.7	890.1	539.1	165.0
G60.0	520.2	865.0	1346.5	1831.1	1894.8	1831.1	1356.9	852.2	514.1	155.8
G61.0	494.8	856.7	1332.1	1800.7	1862.7	1799.2	1334.5	833.9	487.0	146.9
G62.0	463.6	842.1	1311.7	1768.4	1848.6	1768.4	1317.2	823.1	453.2	138.4
G63.0	436.5	822.3	1295.6	1742.1	1853.6	1745.5	1300.4	807.3	426.9	130.3
G64.0	411.2	785.0	1276.0	1719.8	1839.2	1725.6	1281.8	786.2	400.0	122.7
G65.0	382.7	760.8	1258.8	1699.3	1796.9	1703.6	1262.9	750.0	372.5	115.1
G66.0	356.6	743.0	1232.2	1673.3	1755.6	1678.3	1237.6	725.7	345.1	108.0
G67.0	330.3	723.5	1210.9	1643.8	1722.1	1648.4	1214.3	702.6	316.9	100.9
G68.0	302.5	694.6	1184.5	1609.3	1677.2	1615.9	1187.1	677.9	287.1	93.9
G69.0	276.9	654.5	1156.1	1573.7	1653.8	1583.1	1161.4	650.5	262.2	86.1
G70.0	250.5	625.3	1130.3	1545.7	1628.6	1550.6	1134.0	614.1	239.5	79.2
G71.0	229.0	600.7	1104.3	1518.1	1602.1	1521.8	1110.0	586.9	215.7	73.1
G72.0	209.4	578.5	1080.3	1488.4	1581.4	1491.7	1086.8	563.6	196.4	66.7
G73.0	190.2	556.6	1053.9	1460.6	1556.3	1460.6	1060.9	542.1	178.5	61.4

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 '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	172.0	535.0	1025.8	1434.0	1518.3	1432.5	1032.1	521.5	161.5	56.8
G75.0	154.5	516.3	995.9	1404.8	1489.8	1399.0	1003.1	499.9	144.5	51.4
G76.0	139.6	490.4	970.3	1370.1	1458.9	1368.8	976.6	479.9	130.2	48.0
G77.0	124.4	469.5	943.2	1339.4	1427.0	1337.2	947.4	457.6	117.3	44.0
G78.0	111.8	447.6	916.2	1310.8	1386.6	1313.4	917.2	436.2	105.0	39.8
G79.0	101.1	424.5	887.4	1280.7	1354.7	1283.9	886.7	418.0	93.7	36.0
G80.0	89.7	401.0	857.1	1242.4	1325.9	1245.5	858.8	394.4	82.4	32.6
G81.0	79.0	381.5	830.3	1202.8	1289.3	1202.3	827.6	373.9	73.9	30.4
G82.0	70.5	358.2	802.0	1161.6	1250.5	1163.4	800.2	351.7	65.4	28.6
G83.0	62.5	340.4	772.7	1127.4	1221.6	1129.1	775.0	333.6	57.8	26.5
G84.0	55.5	318.8	744.2	1093.6	1190.8	1096.6	745.5	315.6	50.8	24.6
G85.0	49.8	299.6	715.6	1060.4	1163.3	1063.9	719.8	298.4	45.4	23.4
G86.0	43.9	283.7	687.8	1028.7	1124.2	1031.8	690.0	281.5	40.6	22.2
G87.0	39.2	266.0	657.1	995.4	1085.9	994.9	661.8	264.8	36.9	21.1
G88.0	35.9	250.8	627.9	963.0	1048.3	960.8	631.8	249.6	33.4	20.5
G89.0	32.6	235.1	602.3	925.8	1010.7	925.6	603.4	235.2	31.1	19.2
G90.0	30.5	222.2	577.2	893.5	977.4	890.7	580.0	222.3	29.2	18.4
G91.0	29.2	209.0	552.0	859.8	940.3	858.7	552.1	208.9	28.1	18.0
G92.0	28.3	196.0	529.9	824.2	898.8	820.8	530.6	198.0	27.5	17.5
G93.0	27.7	185.6	507.6	790.9	865.5	787.2	508.5	188.9	26.6	16.7
G94.0	26.9	177.4	484.4	758.0	829.7	755.2	484.8	179.8	26.4	16.1
G95.0	26.3	169.1	464.8	729.4	796.8	726.4	464.9	171.7	25.8	15.5
G96.0	25.9	162.1	445.8	703.9	765.7	699.8	448.3	164.0	25.4	15.3
G97.0	26.0	154.3	427.7	675.4	736.8	669.3	428.6	156.3	25.8	14.4
G98.0	26.3	147.2	411.1	648.5	707.4	644.1	411.0	149.1	25.3	13.9
G99.0	25.8	139.1	392.4	622.1	681.6	617.2	393.1	141.3	25.5	12.9
G100.0	26.4	132.7	376.3	595.6	653.3	593.9	377.0	135.0	25.6	12.6
G101.0	26.6	127.3	359.7	571.7	628.3	569.5	361.9	128.1	25.3	11.9
G102.0	27.0	121.2	345.1	549.0	606.3	546.6	347.9	121.9	25.3	11.4
G103.0	26.8	115.0	332.1	526.3	582.0	526.6	335.3	116.2	25.3	10.7
G104.0	26.5	109.4	318.4	507.8	560.8	505.5	320.6	110.2	25.1	10.8
G105.0	26.0	103.3	306.0	489.4	538.8	487.9	307.7	104.2	24.6	10.5
G106.0	26.0	98.2	292.4	472.1	518.4	470.7	294.5	98.5	25.3	9.6
G107.0	25.3	93.4	279.5	454.0	499.9	454.2	281.6	93.5	24.2	9.3
G108.0	25.1	87.7	267.3	438.8	483.3	438.6	269.5	87.8	23.6	8.8
G109.0	24.9	83.3	255.1	423.9	466.2	421.9	256.7	83.0	23.3	8.3
G110.0	24.0	78.7	242.2	406.8	446.6	406.4	245.1	78.3	22.8	8.2

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 '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	23.4	73.9	231.1	391.1	414.8	389.5	233.2	73.1	22.3	7.8
G112.0	23.5	69.6	219.9	375.5	387.4	374.4	220.9	68.7	21.9	7.9
G113.0	22.3	65.1	208.2	360.2	362.5	358.8	209.6	64.7	21.3	8.1
G114.0	22.3	61.8	197.4	345.7	340.0	343.9	198.7	60.9	20.9	6.9
G115.0	21.6	58.0	186.5	329.7	320.1	327.7	187.2	57.6	19.9	7.1
G116.0	20.9	54.9	175.5	314.7	298.8	313.1	176.3	55.3	19.5	7.3
G117.0	20.1	51.8	164.7	298.8	282.0	297.4	165.8	52.2	19.0	6.6
G118.0	19.7	49.6	155.2	284.2	267.6	282.8	156.2	49.1	18.5	6.6
G119.0	19.1	47.2	146.1	268.2	254.5	266.7	145.7	46.9	18.3	6.4
G120.0	18.0	45.1	137.2	254.7	242.6	252.6	137.2	44.8	17.6	6.1
G121.0	17.7	43.0	127.6	239.7	230.3	239.0	129.1	42.9	16.7	6.5
G122.0	16.9	41.0	119.7	225.7	219.0	223.7	120.3	40.7	16.2	5.7
G123.0	16.5	39.0	112.1	209.2	205.6	208.5	111.9	38.7	16.2	5.9
G124.0	16.0	37.4	104.9	194.1	193.7	193.5	104.9	37.1	15.6	5.1
G125.0	15.7	35.2	97.6	179.8	181.0	179.2	98.1	35.0	15.2	5.6
G126.0	14.8	33.9	90.9	165.3	169.7	165.2	92.1	33.7	14.3	4.9
G127.0	14.5	32.5	85.7	152.8	158.0	152.7	85.2	31.8	13.7	5.5
G128.0	13.8	31.0	80.3	139.6	148.0	139.4	79.8	30.1	13.5	5.1
G129.0	13.6	29.4	74.3	127.2	137.0	128.3	74.5	28.8	12.5	5.3
G130.0	13.0	28.0	69.2	115.6	126.5	116.1	69.6	27.6	12.4	5.7
G131.0	12.0	26.3	65.0	105.9	116.2	106.1	64.8	26.6	11.9	5.5
G132.0	11.7	25.7	60.8	96.7	106.9	98.0	60.8	25.5	11.9	4.6
G133.0	11.3	24.0	57.0	89.1	97.7	89.7	57.0	24.1	10.9	5.3
G134.0	11.5	23.4	53.8	81.5	90.3	83.0	53.7	23.1	10.7	4.5
G135.0	10.7	22.5	50.6	75.4	83.2	75.4	50.0	22.1	10.4	5.2
G136.0	10.4	21.8	47.4	69.4	76.6	69.9	47.3	21.5	10.0	5.3
G137.0	10.4	20.5	44.9	64.0	71.2	64.6	44.6	20.2	10.0	5.4
G138.0	9.8	19.6	41.4	59.8	66.6	60.3	41.9	19.4	9.8	4.7
G139.0	9.6	18.9	39.8	55.5	62.4	56.1	39.2	18.7	9.1	4.9
G140.0	9.1	18.1	36.9	51.0	57.8	52.3	37.0	18.2	7.9	4.8
G141.0	8.8	16.7	34.8	47.7	53.7	48.1	34.6	17.0	8.0	4.6
G142.0	8.4	15.8	32.5	44.3	49.5	44.9	32.4	16.3	8.6	4.1
G143.0	8.2	15.4	30.5	41.0	46.3	41.8	30.9	15.4	7.9	4.2
G144.0	7.2	14.6	28.7	38.5	42.8	39.0	28.5	14.7	7.0	3.5
G145.0	7.7	14.1	27.1	35.9	40.2	36.0	26.8	13.9	7.4	3.9
G146.0	6.7	12.6	25.2	33.2	37.7	33.0	25.2	13.1	7.2	3.4
G147.0	5.8	11.7	24.0	30.7	34.6	30.6	23.8	12.9	6.2	3.7

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 '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	6.6	10.9	22.3	28.4	31.9	28.7	22.1	12.0	6.2	3.2
G149.0	6.1	10.1	20.4	25.6	29.2	25.7	20.8	11.6	5.8	3.3
G150.0	6.4	9.3	19.3	24.2	26.5	24.2	18.9	10.5	5.5	3.8
G151.0	5.5	9.0	17.8	22.4	24.6	22.5	18.1	10.0	5.5	4.0
G152.0	5.5	9.0	16.5	20.8	22.7	20.7	17.1	9.6	4.2	4.2
G153.0	4.8	7.2	15.7	19.4	21.4	19.6	15.8	8.5	4.4	4.0
G154.0	4.9	7.1	14.3	18.0	19.9	18.6	14.4	7.6	4.6	4.4
G155.0	4.6	6.5	13.7	16.8	18.3	16.9	13.7	7.6	4.6	4.4
G156.0	3.1	4.7	12.9	15.8	17.4	16.4	12.4	6.6	4.4	4.7
G157.0	4.1	6.0	11.5	15.0	16.5	15.1	11.7	6.6	4.2	4.7
G158.0	4.3	5.7	10.7	13.3	15.5	14.2	11.0	6.2	3.1	3.9
G159.0	4.5	5.7	9.8	12.3	13.8	13.0	10.2	6.0	4.1	4.4
G160.0	4.7	5.4	8.8	11.7	13.1	12.4	9.0	5.4	4.6	4.4
G161.0	4.4	5.4	8.2	10.8	11.9	10.9	8.5	6.1	4.3	5.1
G162.0	4.1	4.5	7.9	9.6	11.1	10.7	8.0	5.3	4.6	4.6
G163.0	4.3	4.8	6.8	9.0	10.2	9.7	7.3	5.7	4.2	5.2
G164.0	4.6	4.4	6.3	8.8	9.1	9.4	6.9	5.0	4.7	4.4
G165.0	3.9	4.9	6.3	7.5	8.5	8.2	6.3	5.4	4.4	4.2
G166.0	4.9	4.4	4.6	7.5	7.7	7.7	5.8	5.2	4.8	5.2
G167.0	5.0	4.4	3.9	6.7	6.9	6.9	6.0	5.0	5.1	4.9
G168.0	5.1	4.7	5.0	5.8	6.7	6.5	4.9	5.9	5.2	5.6
G169.0	3.6	4.3	4.1	5.7	6.4	6.7	5.5	5.5	5.1	4.9
G170.0	4.8	4.8	4.3	5.1	5.6	5.5	5.1	4.7	5.3	5.3
G171.0	4.7	2.8	3.6	3.9	4.9	5.3	4.9	5.2	4.4	4.7
G172.0	4.8	4.8	3.7	4.5	5.0	4.6	5.0	5.4	5.4	5.6
G173.0	4.2	4.4	4.5	4.2	4.8	4.3	5.3	4.7	4.8	5.3
G174.0	4.9	5.0	3.7	4.0	4.6	4.9	5.3	5.6	4.9	5.1
G175.0	5.1	4.7	4.1	2.9	4.3	4.7	5.4	5.4	4.9	5.6
G176.0	5.1	4.5	4.3	4.6	4.5	4.0	4.8	4.0	5.1	5.1
G177.0	5.0	4.6	4.8	4.4	4.4	3.6	5.1	5.4	5.5	4.5
G178.0	5.2	5.1	4.8	4.3	4.5	4.4	5.3	5.0	5.4	4.7
G179.0	5.1	4.9	4.3	4.7	4.6	4.5	4.5	4.8	4.8	5.3
G180.0	5.2	4.0	4.3	4.9	4.5	5.1	5.1	5.2	5.5	5.0

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 '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	1798.5	1798.5	1798.5	1798.5	1798.5	1798.5	1798.5			
G1.0	1755.8	1744.4	1737.8	1737.7	1756.7	1777.2	1793.7			
G2.0	1707.4	1686.8	1677.0	1680.5	1715.9	1753.7	1797.0			
G3.0	1673.2	1644.3	1647.7	1652.2	1663.3	1719.3	1789.6			
G4.0	1649.1	1574.0	1568.2	1590.4	1636.8	1703.3	1794.6			
G5.0	1593.0	1522.1	1530.3	1521.0	1605.8	1673.6	1794.2			
G6.0	1540.2	1502.6	1479.4	1495.4	1541.8	1660.3	1796.1			
G7.0	1510.9	1442.9	1402.3	1433.0	1508.5	1627.3	1778.6			
G8.0	1484.6	1370.7	1355.7	1368.5	1485.8	1610.4	1777.2			
G9.0	1444.0	1324.8	1291.5	1329.4	1435.6	1593.0	1771.1			
G10.0	1390.2	1258.9	1231.7	1266.5	1378.3	1560.7	1772.5			
G11.0	1342.5	1208.1	1172.2	1210.6	1337.4	1515.6	1748.0			
G12.0	1298.4	1158.0	1115.2	1156.9	1300.4	1481.6	1741.1			
G13.0	1242.9	1111.2	1053.6	1112.8	1241.4	1462.0	1729.6			
G14.0	1191.2	1047.4	986.1	1054.5	1190.1	1437.4	1716.9			
G15.0	1149.0	979.4	926.5	986.5	1143.3	1412.2	1698.0			
G16.0	1106.5	927.0	859.0	932.1	1096.0	1371.5	1679.3			
G17.0	1059.4	866.0	780.5	869.5	1053.0	1332.6	1664.9			
G18.0	1006.6	799.2	713.3	804.8	1014.8	1308.0	1651.3			
G19.0	948.1	734.3	652.1	733.7	965.0	1264.9	1620.6			
G20.0	903.6	670.6	586.0	674.1	909.3	1227.8	1594.7			
G21.0	858.5	606.5	517.0	611.4	859.4	1189.3	1587.3			
G22.0	798.6	541.1	455.6	548.2	805.9	1159.6	1564.4			
G23.0	742.7	479.8	410.2	487.2	752.3	1125.1	1532.1			
G24.0	691.7	429.6	371.2	435.9	703.1	1083.5	1515.6			
G25.0	637.5	392.8	343.2	393.6	650.3	1039.9	1495.6			
G26.0	590.3	359.8	321.7	363.7	603.2	1003.5	1470.5			
G27.0	545.5	334.6	299.5	338.3	554.7	970.4	1443.7			
G28.0	496.8	314.7	281.0	317.7	509.2	932.3	1419.3			
G29.0	450.3	296.0	263.5	298.3	459.0	897.9	1403.2			
G30.0	412.7	276.6	248.5	278.5	422.1	859.1	1370.5			
G31.0	383.2	260.5	234.8	261.7	394.3	828.3	1348.2			
G32.0	357.7	246.8	221.8	249.3	366.7	792.0	1326.2			
G33.0	332.0	233.6	203.9	234.7	337.9	759.1	1295.0			
G34.0	308.9	219.9	193.3	221.2	316.5	728.3	1265.2			
G35.0	291.9	204.1	177.6	205.5	297.6	681.9	1236.3			
G36.0	273.7	190.4	165.3	191.2	281.3	644.9	1209.5			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 '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	258.8	178.7	154.8	179.4	265.7	604.2	1179.1			
G38.0	246.1	165.7	142.3	165.4	252.7	572.0	1146.8			
G39.0	234.5	154.3	132.1	153.1	240.4	539.9	1116.9			
G40.0	223.2	142.6	122.8	142.9	227.6	511.0	1083.2			
G41.0	209.9	132.6	112.9	131.3	215.7	478.9	1047.9			
G42.0	196.0	121.9	103.3	121.8	202.1	453.9	1012.5			
G43.0	184.9	112.7	93.8	112.5	190.8	416.6	979.0			
G44.0	174.0	104.2	85.7	104.8	179.0	388.9	947.9			
G45.0	160.9	94.9	77.5	95.3	166.9	361.0	913.5			
G46.0	151.3	87.6	71.3	88.2	157.2	342.7	884.1			
G47.0	142.4	80.5	64.7	81.5	147.4	321.3	855.8			
G48.0	132.2	74.0	59.7	74.9	137.2	302.9	828.7			
G49.0	123.6	68.7	55.2	69.3	127.6	284.2	802.5			
G50.0	114.6	63.5	52.4	64.1	119.0	267.5	772.5			
G51.0	107.2	58.9	50.1	58.9	111.5	254.6	744.9			
G52.0	99.4	55.4	50.0	55.4	104.0	243.3	718.6			
G53.0	93.4	51.4	49.2	51.5	96.9	232.9	692.9			
G54.0	86.8	48.2	48.8	49.0	89.7	223.7	667.7			
G55.0	80.3	45.4	46.9	45.2	83.8	213.2	644.4			
G56.0	74.6	42.6	43.9	42.6	77.8	204.8	616.1			
G57.0	69.1	40.5	40.5	40.0	72.2	195.5	593.0			
G58.0	63.9	37.9	36.4	37.9	67.1	186.7	567.7			
G59.0	58.6	35.7	33.1	36.0	61.9	176.9	544.7			
G60.0	54.3	33.0	29.6	33.6	56.9	167.1	520.2			
G61.0	49.6	30.4	26.7	30.9	52.5	158.0	494.8			
G62.0	45.7	27.9	23.5	27.8	48.0	149.7	463.6			
G63.0	42.2	24.0	20.0	23.9	44.3	141.3	436.5			
G64.0	38.4	21.1	16.5	20.7	40.3	132.8	411.2			
G65.0	35.0	17.9	11.5	18.1	36.9	125.2	382.7			
G66.0	32.0	14.3	9.6	14.3	33.7	117.2	356.6			
G67.0	28.8	9.1	2.0	9.8	30.1	109.7	330.3			
G68.0	25.7	5.1	1.5	6.2	26.8	102.1	302.5			
G69.0	23.5	1.5	2.0	1.9	24.0	93.9	276.9			
G70.0	19.8	1.5	2.1	2.0	21.2	87.2	250.5			
G71.0	17.5	1.6	1.8	2.1	18.3	81.1	229.0			
G72.0	14.2	1.6	1.6	2.2	14.9	73.7	209.4			
G73.0	11.3	1.9	2.1	2.1	12.4	67.9	190.2			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 '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	10.3	1.6	1.8	2.1	11.5	62.8	172.0			
G75.0	9.8	1.8	1.7	2.1	10.3	57.3	154.5			
G76.0	9.1	1.2	2.0	1.7	8.9	52.7	139.6			
G77.0	8.9	2.1	1.9	2.2	9.7	48.2	124.4			
G78.0	8.5	1.7	2.1	2.1	8.8	44.7	111.8			
G79.0	8.1	1.9	2.4	2.6	8.4	40.0	101.1			
G80.0	7.2	1.4	2.0	2.6	8.3	36.5	89.7			
G81.0	7.6	2.2	2.0	2.3	7.8	34.2	79.0			
G82.0	7.4	2.2	2.4	2.3	7.4	31.6	70.5			
G83.0	6.7	2.0	2.2	2.4	7.4	29.6	62.5			
G84.0	6.6	1.7	2.6	2.6	7.1	28.1	55.5			
G85.0	6.0	2.1	2.6	2.4	6.9	26.0	49.8			
G86.0	3.8	1.6	2.4	2.3	6.9	24.9	43.9			
G87.0	6.1	1.8	2.7	2.1	6.2	23.8	39.2			
G88.0	5.8	2.4	2.8	2.6	6.8	23.3	35.9			
G89.0	5.6	1.9	2.6	2.3	6.4	22.1	32.6			
G90.0	5.7	2.4	2.7	2.7	6.5	21.1	30.5			
G91.0	5.5	2.4	2.9	2.9	6.5	21.1	29.2			
G92.0	5.4	2.4	3.2	2.9	4.0	19.9	28.3			
G93.0	5.0	2.4	2.9	2.8	6.0	19.2	27.7			
G94.0	3.7	2.5	2.9	2.8	4.9	18.9	26.9			
G95.0	4.5	2.7	2.3	3.1	5.8	17.8	26.3			
G96.0	4.9	2.6	2.7	3.3	5.8	16.9	25.9			
G97.0	4.6	2.4	2.4	3.1	4.1	16.3	26.0			
G98.0	4.8	2.6	3.0	3.2	5.2	15.8	26.3			
G99.0	4.8	1.9	3.0	2.9	5.4	15.1	25.8			
G100.0	4.3	2.4	3.0	3.3	4.2	14.6	26.4			
G101.0	4.2	2.9	3.0	2.5	5.0	13.6	26.6			
G102.0	4.6	2.9	2.7	3.3	5.1	13.0	27.0			
G103.0	4.1	3.1	3.1	2.6	4.1	12.7	26.8			
G104.0	4.4	3.2	3.5	3.2	4.1	11.9	26.5			
G105.0	4.6	2.8	3.2	3.7	4.4	11.5	26.0			
G106.0	3.6	3.3	3.3	3.1	3.8	11.4	26.0			
G107.0	3.2	2.6	3.2	3.7	4.1	10.8	25.3			
G108.0	3.3	1.9	3.4	3.5	4.6	10.4	25.1			
G109.0	4.1	2.6	3.3	3.3	4.3	10.5	24.9			
G110.0	3.6	3.0	3.2	2.6	4.2	10.2	24.0			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 '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	2.9	2.9	3.7	3.5	4.3	9.8	23.4			
G112.0	3.5	3.0	3.1	3.1	3.9	9.5	23.5			
G113.0	3.0	2.8	3.0	3.5	4.3	8.7	22.3			
G114.0	2.6	2.8	2.7	3.6	3.6	8.8	22.3			
G115.0	3.4	2.2	3.3	3.3	4.1	7.9	21.6			
G116.0	3.4	2.9	3.6	3.8	3.7	8.2	20.9			
G117.0	3.2	2.6	2.7	3.1	4.3	8.2	20.1			
G118.0	3.3	2.9	3.6	3.1	4.3	7.9	19.7			
G119.0	3.1	2.5	3.3	3.4	3.8	7.5	19.1			
G120.0	2.9	2.9	3.2	3.2	4.3	7.4	18.0			
G121.0	2.5	2.6	3.4	3.8	4.3	7.3	17.7			
G122.0	3.1	2.8	3.6	3.1	3.8	7.3	16.9			
G123.0	3.2	2.9	3.9	3.6	3.4	6.9	16.5			
G124.0	3.1	2.7	3.5	3.7	3.8	6.9	16.0			
G125.0	3.1	2.9	3.2	3.8	3.9	6.6	15.7			
G126.0	3.2	2.8	3.8	3.6	4.1	6.9	14.8			
G127.0	3.6	2.9	3.5	3.4	3.8	6.4	14.5			
G128.0	3.0	2.9	2.9	3.6	4.2	6.4	13.8			
G129.0	3.0	3.2	3.4	3.6	3.0	6.2	13.6			
G130.0	2.8	3.2	3.6	4.1	4.1	5.4	13.0			
G131.0	3.3	2.6	3.5	4.3	4.3	6.5	12.0			
G132.0	3.1	3.7	3.2	3.6	4.0	6.9	11.7			
G133.0	3.5	3.2	4.0	3.6	3.4	5.9	11.3			
G134.0	3.3	3.7	3.8	4.2	3.6	6.7	11.5			
G135.0	2.6	4.0	4.0	3.3	2.6	6.5	10.7			
G136.0	3.5	3.6	4.6	4.3	4.1	6.4	10.4			
G137.0	3.3	3.5	4.2	3.6	3.8	5.9	10.4			
G138.0	3.9	3.2	4.1	3.6	4.2	6.3	9.8			
G139.0	3.6	4.2	4.3	4.4	4.8	5.2	9.6			
G140.0	2.8	3.7	3.3	4.3	3.6	6.0	9.1			
G141.0	2.9	4.0	4.6	3.9	4.5	5.3	8.8			
G142.0	3.4	3.7	4.6	4.7	4.8	5.9	8.4			
G143.0	3.9	3.7	4.5	4.5	3.6	5.4	8.2			
G144.0	4.1	4.2	4.6	4.6	5.1	4.7	7.2			
G145.0	4.1	4.6	4.8	4.4	5.1	5.2	7.7			
G146.0	4.3	3.2	4.2	4.6	4.6	4.5	6.7			
G147.0	4.2	3.9	5.1	4.2	4.0	4.7	5.8			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 '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	4.5	4.9	5.0	5.3	5.3	4.8	6.6			
G149.0	4.4	3.8	4.8	3.6	5.1	5.2	6.1			
G150.0	4.1	5.2	5.1	4.6	4.4	4.9	6.4			
G151.0	4.6	5.0	4.1	5.3	5.3	5.2	5.5			
G152.0	4.7	5.2	5.1	5.2	5.1	5.0	5.5			
G153.0	4.8	4.9	5.2	5.2	4.3	5.0	4.8			
G154.0	4.8	4.7	5.0	4.6	5.1	4.9	4.9			
G155.0	5.3	4.9	5.5	5.1	5.2	5.1	4.6			
G156.0	4.3	5.6	5.3	5.1	4.9	4.7	3.1			
G157.0	5.0	4.9	4.6	5.4	5.3	5.4	4.1			
G158.0	4.3	4.5	5.5	5.0	5.3	5.4	4.3			
G159.0	5.1	5.2	4.8	4.7	5.1	5.3	4.5			
G160.0	5.1	5.3	5.6	4.6	5.8	5.1	4.7			
G161.0	5.3	5.3	5.6	5.6	5.5	5.0	4.4			
G162.0	4.8	5.2	6.1	5.9	5.7	4.2	4.1			
G163.0	5.3	5.0	4.3	5.3	5.9	5.8	4.3			
G164.0	4.8	5.4	5.1	5.5	5.6	5.0	4.6			
G165.0	5.6	5.4	5.6	5.3	5.5	5.2	3.9			
G166.0	5.4	5.9	5.6	5.5	5.8	5.9	4.9			
G167.0	4.6	5.6	5.1	4.1	6.0	6.1	5.0			
G168.0	4.9	5.3	5.3	5.5	5.8	6.4	5.1			
G169.0	5.4	5.9	5.8	6.0	5.9	6.1	3.6			
G170.0	5.0	5.8	5.3	5.9	6.1	6.4	4.8			
G171.0	5.6	6.0	5.8	5.4	6.0	5.9	4.7			
G172.0	5.1	4.9	6.1	5.9	5.3	6.1	4.8			
G173.0	5.3	5.4	4.7	5.4	5.8	6.2	4.2			
G174.0	5.3	5.3	5.3	5.3	5.6	6.0	4.9			
G175.0	4.8	5.1	5.3	5.2	5.1	5.9	5.1			
G176.0	5.2	4.7	5.5	4.6	5.4	4.7	5.1			
G177.0	5.2	5.0	5.1	4.8	4.7	5.9	5.0			
G178.0	5.5	5.2	4.8	5.0	5.3	5.5	5.2			
G179.0	4.9	5.1	5.2	4.6	5.2	5.2	5.1			
G180.0	4.7	5.0	4.4	3.1	5.1	4.2	5.2			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.3 'C  
 Operator:

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