

Report No.:

Test Time: 2023/6/28 20:21

## Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.152 A  
Power Factor: 0.917

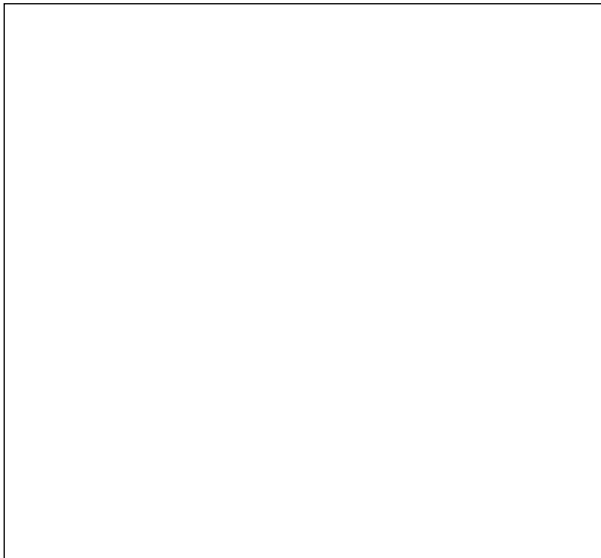
Luminaire Description:  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 277.0 V  
Power: 38.51 W

## Photometric Results

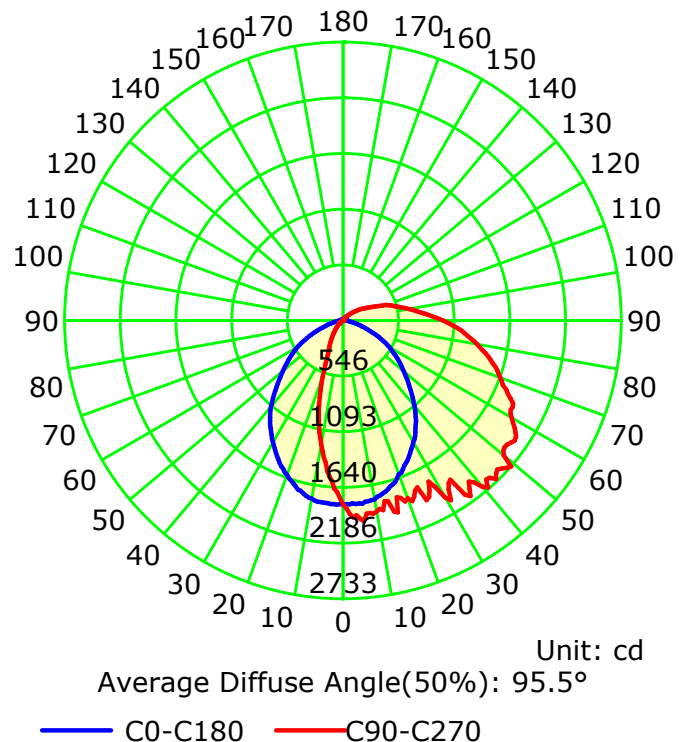
IES Classification: Type IV  
Total Rated Lamp Lumens: 5434.3 lm  
Efficiency: 100%  
Upward Ratio: 11%  
C0r0 Intensity: 1808.96 cd  
Pos of Max. Intensity: H90 V49  
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 91.5, 99.6, 93.4, 94.0

Longitudinal Classification: Very Short  
Measurement Flux: 5434.3 lm  
Downward Ratio: 89%  
Luminaire Efficacy Rating (LER): 141.16  
Max. Intensity: 2186.99 cd

Picture Of Luminaire



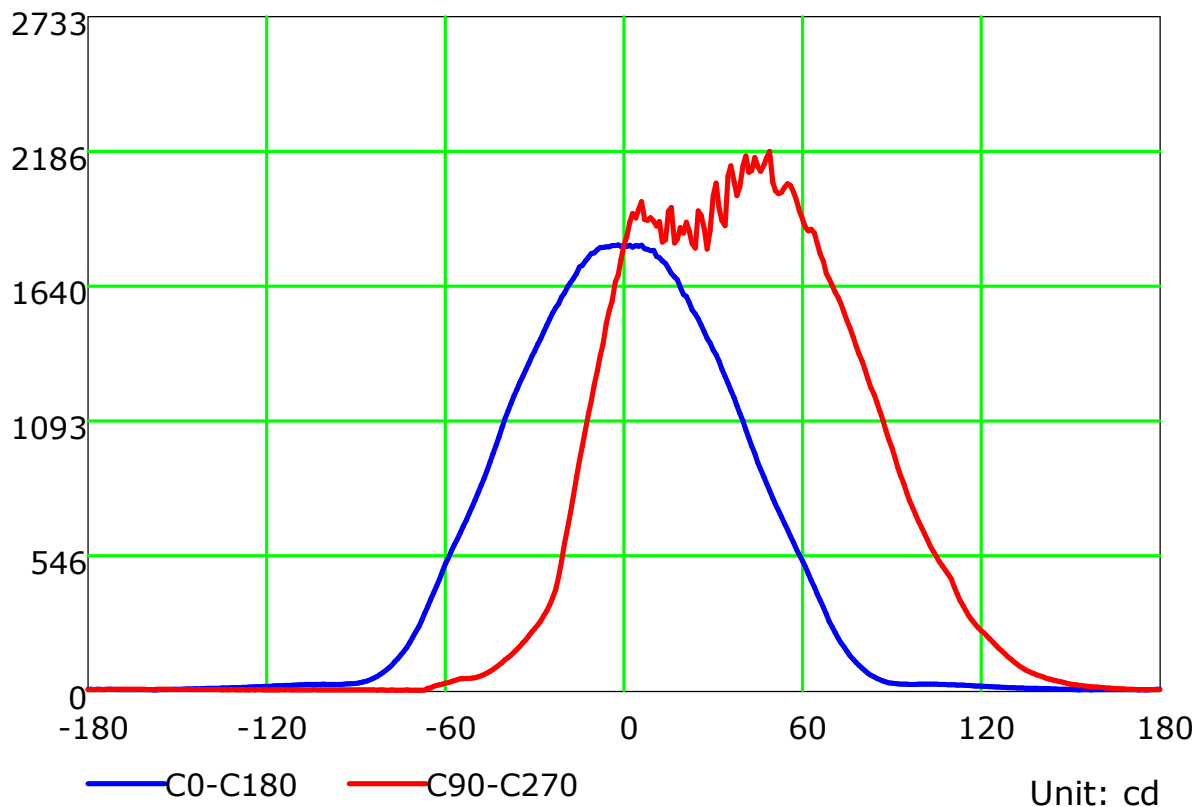
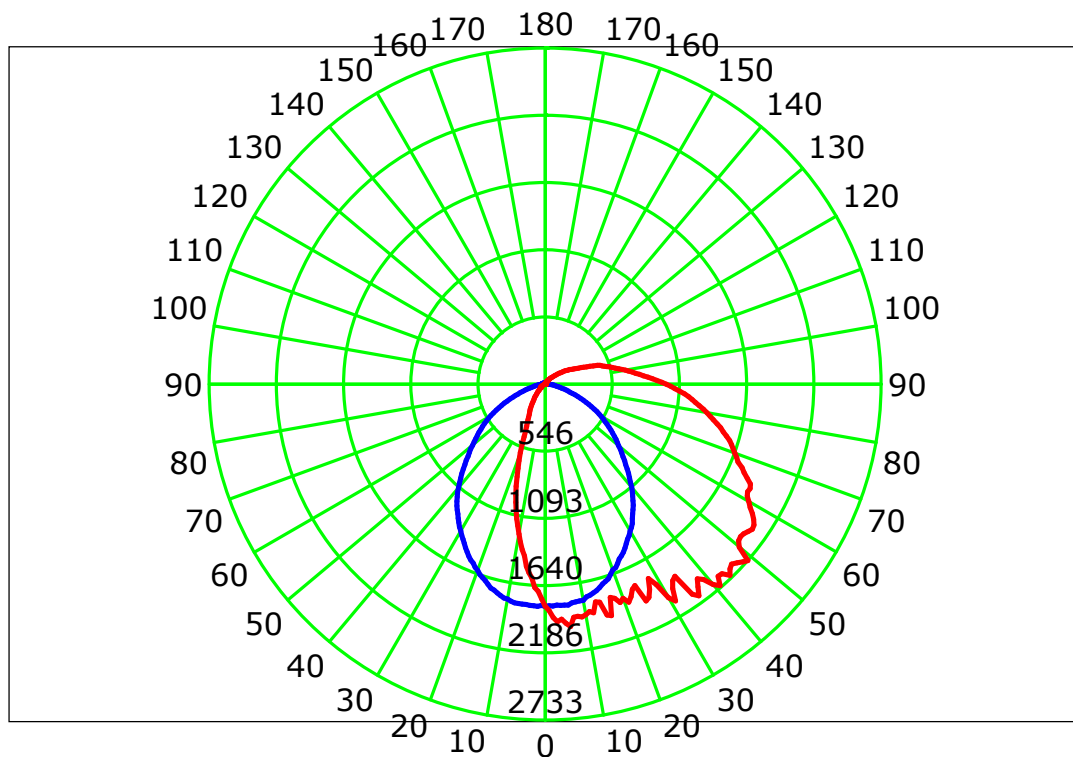
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.2 'C  
Operator:

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

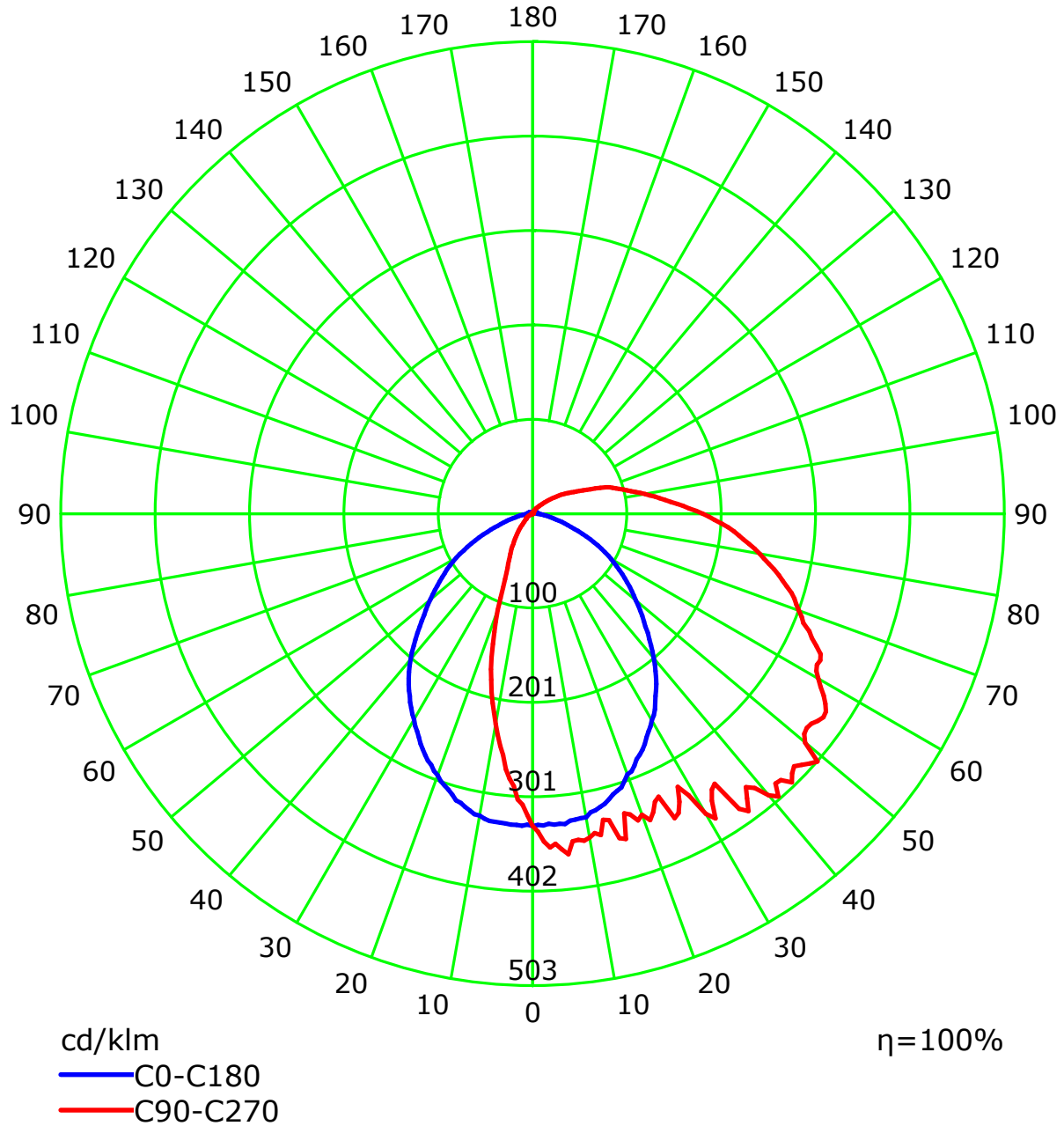
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.2 'C  
Operator:

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

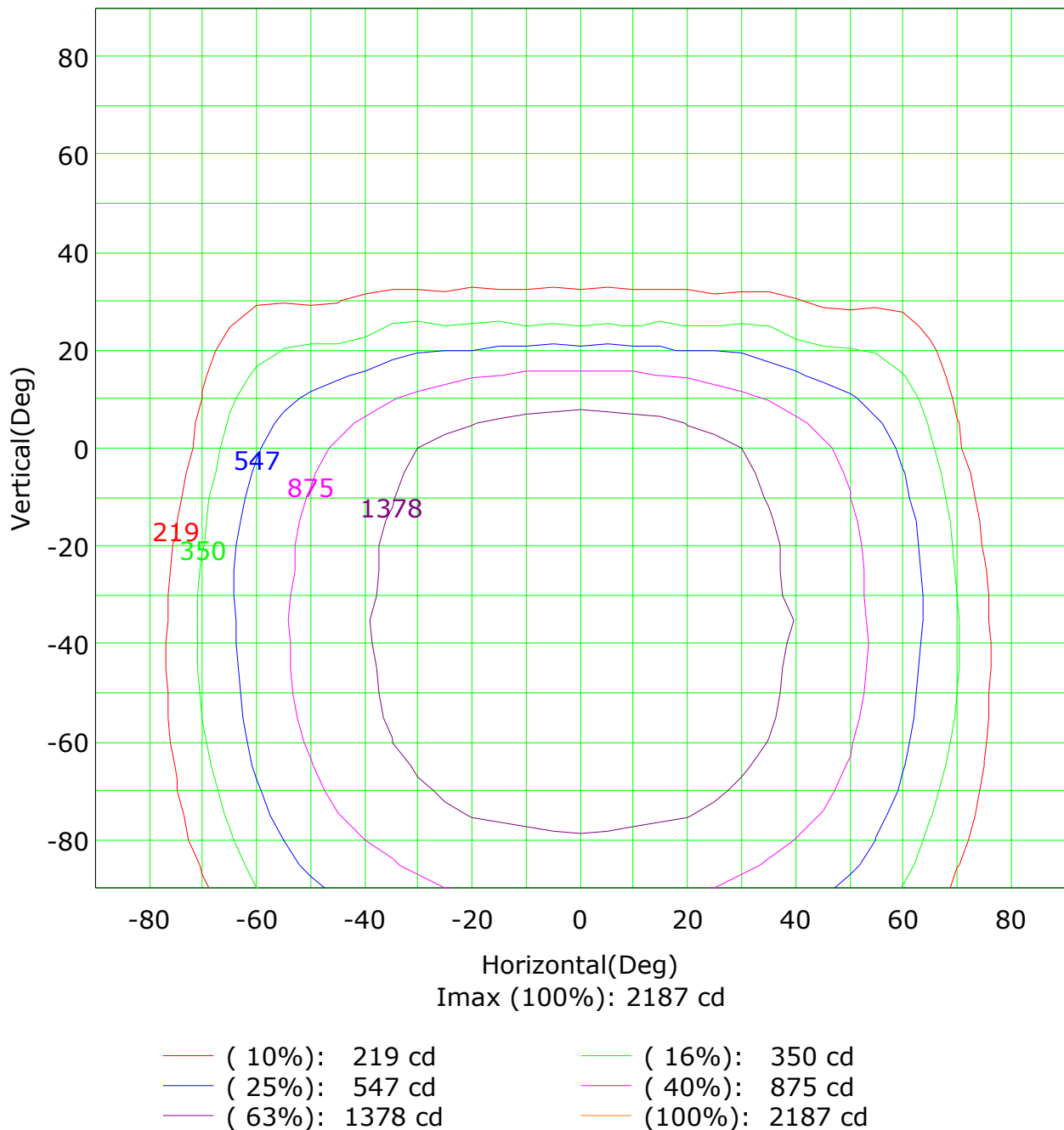
## Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.2 'C  
Operator:

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

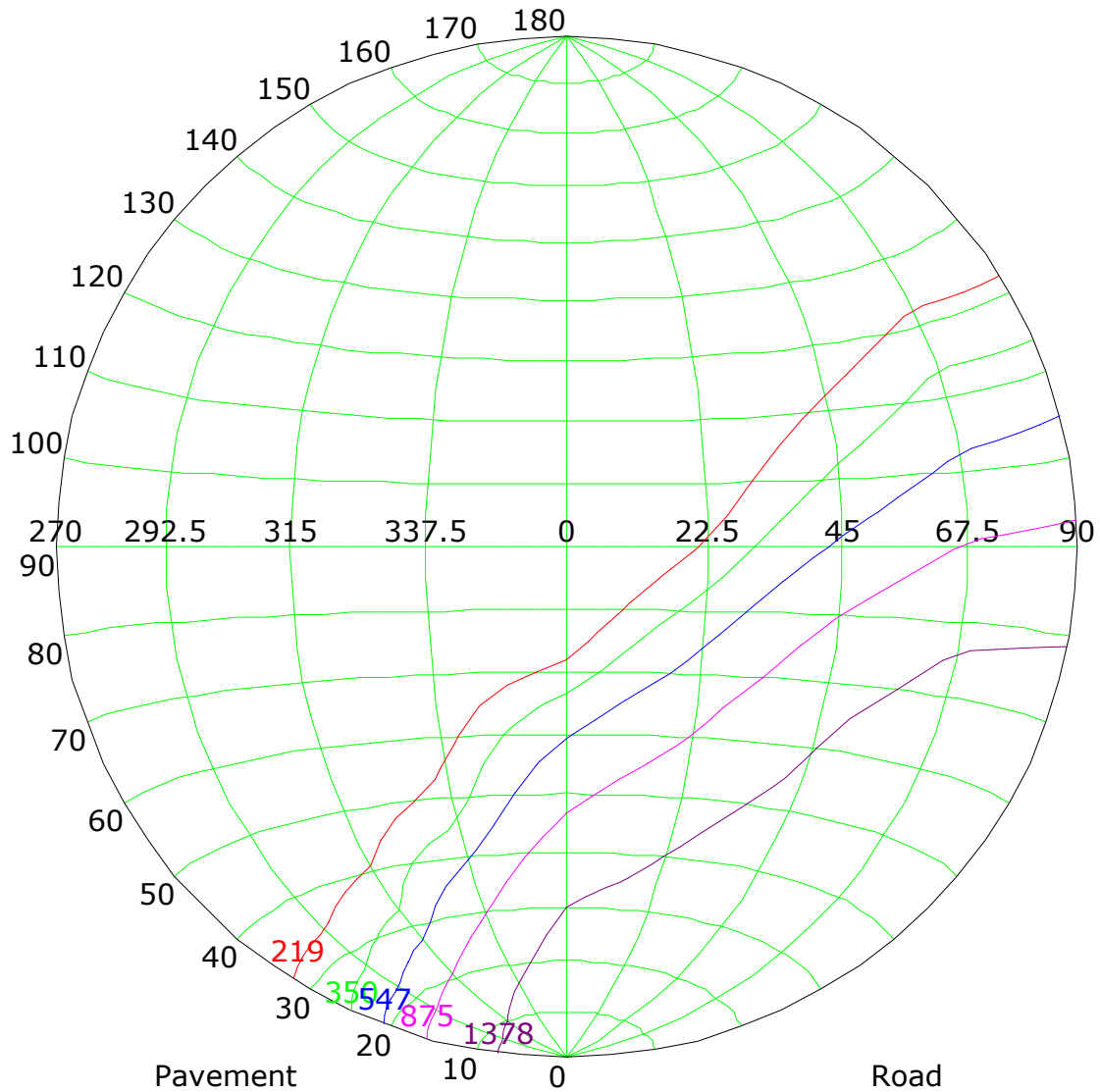
## Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.2 '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%): 2187 cd

( 10%): 219 cd  
( 25%): 547 cd  
( 63%): 1378 cd

( 16%): 350 cd  
( 40%): 875 cd  
(100%): 2187 cd

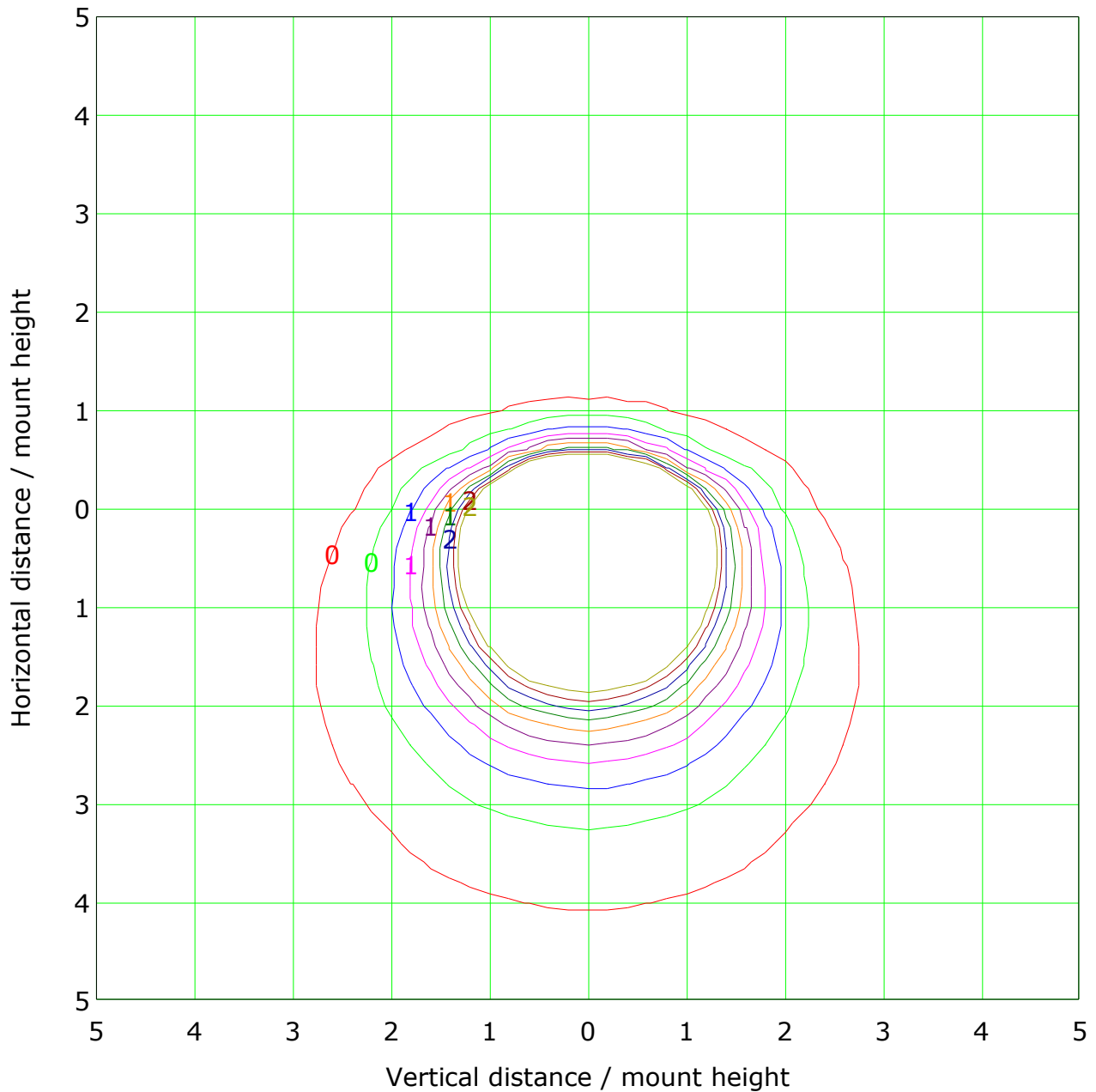
CIE: broad - short  
CIE: Non-cut-off luminaire  
Max.At90: 181.437 cd/klm

IES: Non-cut-off  
Max.At80: 246.001 cd/klm  
Max.80-90: 246.001 cd/klm

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Test Lab:  
Test Type: TYPE C  
Temperature: 25.2 '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



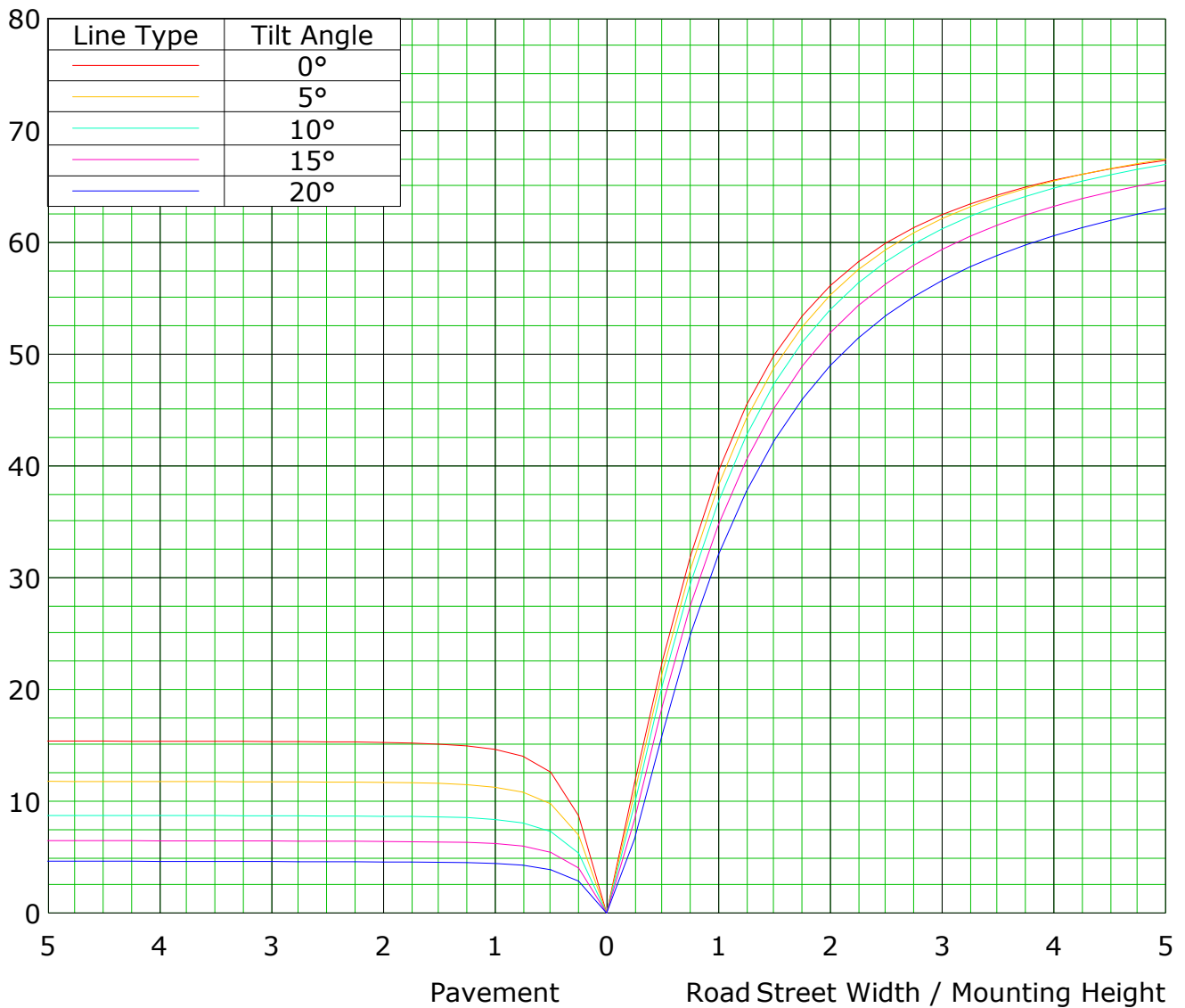
Mounting Height: 10.0m    Max Lux(100%): 19.7 lx	
( 1%): 0.2 lx	( 2%): 0.4 lx
( 3%): 0.6 lx	( 4%): 0.8 lx
( 5%): 1.0 lx	( 6%): 1.2 lx
( 7%): 1.4 lx	( 8%): 1.6 lx
( 9%): 1.8 lx	( 10%): 2.0 lx

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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:

## Roadway CU Curve

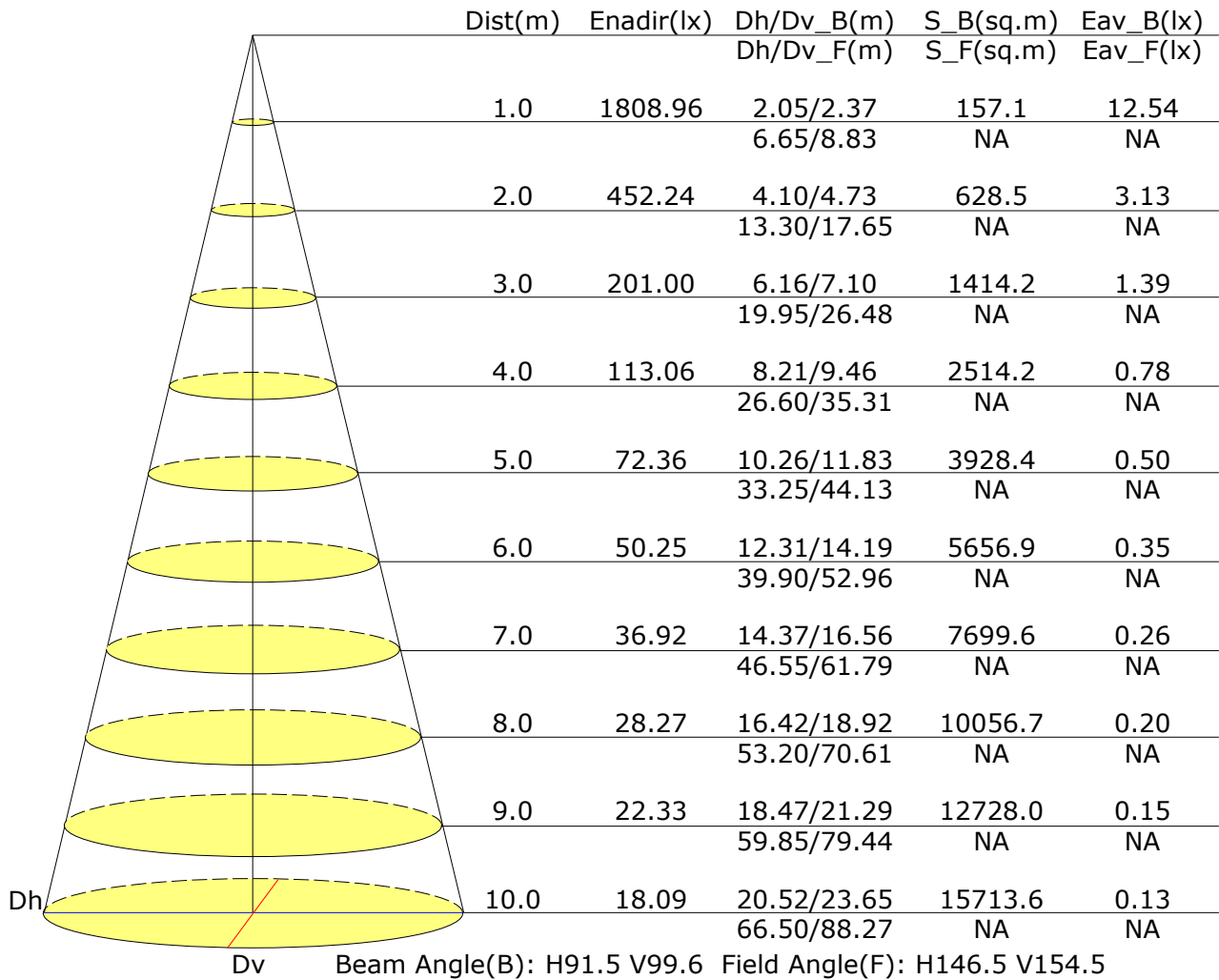
Efficiency(%)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.2 '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

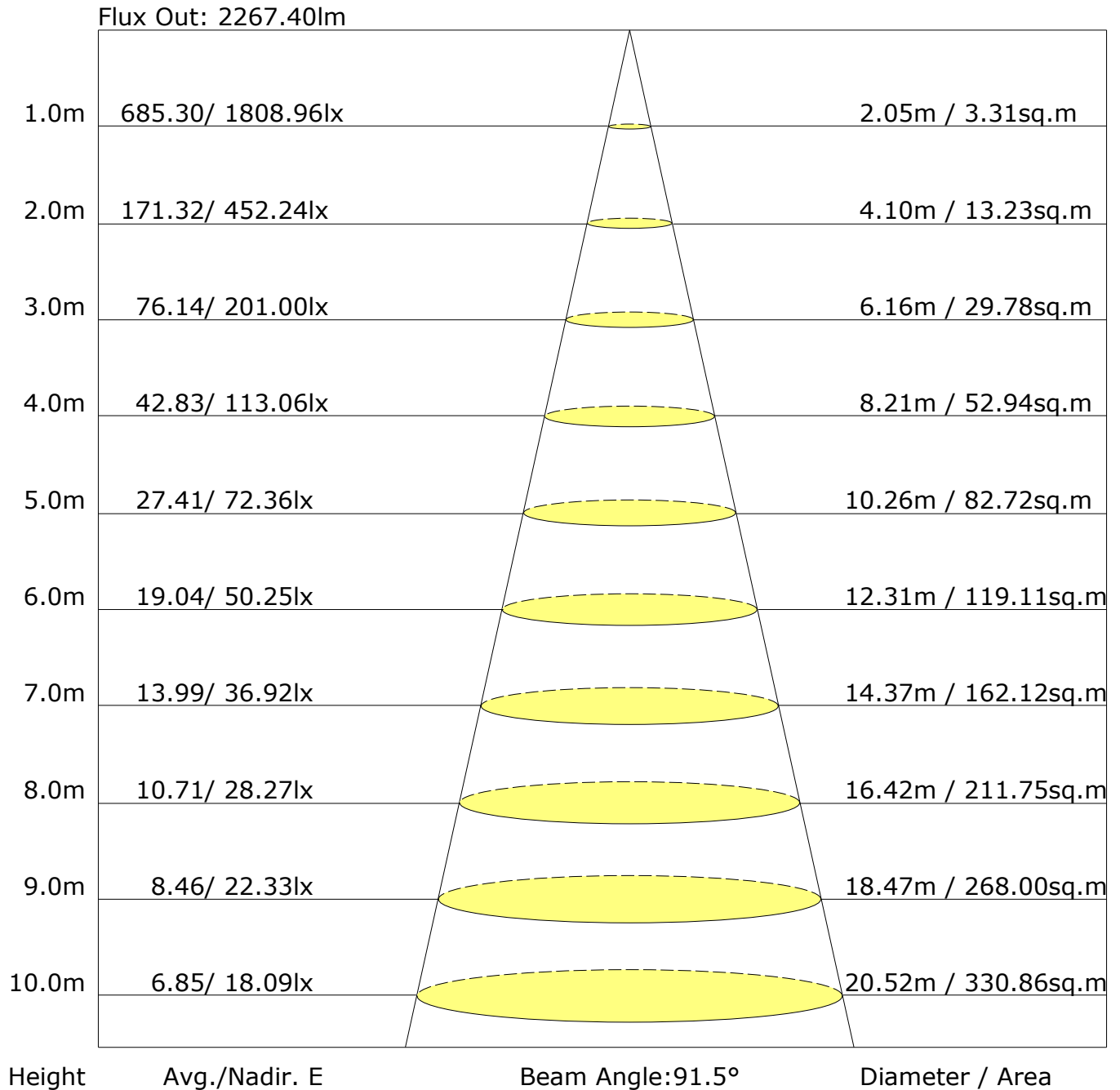


C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.2 'C  
Operator:

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



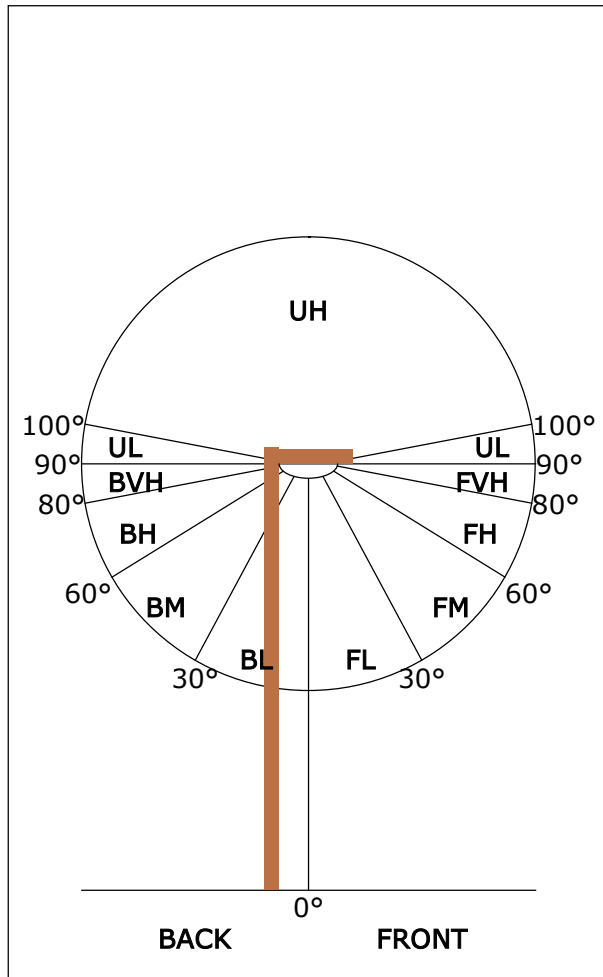
## The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.2 'C  
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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	4005	73.7
FL ( 0°-30°)	758	13.9
FM (30°-60°)	1784	32.8
FH (60°-80°)	1094	20.1
FVH (80°-90°)	369	6.8
BACK LIGHT	827	15.2
BL ( 0°-30°)	418	7.7
BM (30°-60°)	335	6.2
BH (60°-80°)	66	1.2
BVH (80°-90°)	8	0.2
UP LIGHT	602	11.1
UL (90°-100°)	252	4.6
UH (100°-180°)	349	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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1803.6	1.7	1.7	0.03	0.03
1.0-2.0	1793.6	5.1	6.9	0.09	0.13
2.0-3.0	1788.7	8.6	15.4	0.16	0.28
3.0-4.0	1781.4	11.9	27.4	0.22	0.50
4.0-5.0	1768.7	15.2	42.6	0.28	0.78
5.0-6.0	1761.3	18.5	61.1	0.34	1.12
6.0-7.0	1747.9	21.7	82.8	0.40	1.52
7.0-8.0	1724.5	24.7	107.5	0.45	1.98
8.0-9.0	1702.9	27.6	135.1	0.51	2.49
9.0-10.0	1675.9	30.3	165.4	0.56	3.04
10.0-11.0	1645.4	32.9	198.3	0.61	3.65
11.0-12.0	1623.1	35.5	233.8	0.65	4.30
12.0-13.0	1602.6	38.0	271.8	0.70	5.00
13.0-14.0	1576.2	40.4	312.2	0.74	5.74
14.0-15.0	1550.9	42.6	354.7	0.78	6.53
15.0-16.0	1535.0	45.0	399.7	0.83	7.36
16.0-17.0	1513.3	47.1	446.9	0.87	8.22
17.0-18.0	1471.1	48.5	495.4	0.89	9.12
18.0-19.0	1424.6	49.6	544.9	0.91	10.03
19.0-20.0	1395.1	51.1	596.0	0.94	10.97
20.0-21.0	1378.3	52.9	648.9	0.97	11.94
21.0-22.0	1356.4	54.5	703.5	1.00	12.94
22.0-23.0	1323.4	55.5	759.0	1.02	13.97
23.0-24.0	1282.1	56.1	815.1	1.03	15.00
24.0-25.0	1253.9	57.0	872.1	1.05	16.05
25.0-26.0	1239.8	58.5	930.6	1.08	17.12
26.0-27.0	1224.9	59.9	990.5	1.10	18.23
27.0-28.0	1204.1	61.0	1051.5	1.12	19.35
28.0-29.0	1180.3	61.8	1113.3	1.14	20.49
29.0-30.0	1159.5	62.6	1175.9	1.15	21.64
30.0-31.0	1142.2	63.6	1239.5	1.17	22.81
31.0-32.0	1129.7	64.7	1304.2	1.19	24.00
32.0-33.0	1116.8	65.8	1370.0	1.21	25.21
33.0-34.0	1099.5	66.5	1436.5	1.22	26.43
34.0-35.0	1084.4	67.4	1503.9	1.24	27.67
35.0-36.0	1068.4	68.0	1571.9	1.25	28.93

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 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	1050.8	68.5	1640.5	1.26	30.19
37.0-38.0	1040.0	69.4	1709.9	1.28	31.46
38.0-39.0	1028.0	70.2	1780.1	1.29	32.76
39.0-40.0	1016.9	70.9	1851.0	1.31	34.06
40.0-41.0	1007.6	71.8	1922.8	1.32	35.38
41.0-42.0	990.9	72.0	1994.8	1.32	36.71
42.0-43.0	977.7	72.4	2067.2	1.33	38.04
43.0-44.0	964.2	72.8	2140.0	1.34	39.38
44.0-45.0	949.6	73.0	2213.0	1.34	40.72
45.0-46.0	939.1	73.4	2286.4	1.35	42.07
46.0-47.0	919.1	73.1	2359.5	1.35	43.42
47.0-48.0	899.4	72.7	2432.2	1.34	44.76
48.0-49.0	888.4	73.0	2505.2	1.34	46.10
49.0-50.0	877.6	73.2	2578.4	1.35	47.45
50.0-51.0	867.6	73.4	2651.8	1.35	48.80
51.0-52.0	853.0	73.2	2725.0	1.35	50.14
52.0-53.0	831.9	72.4	2797.4	1.33	51.48
53.0-54.0	815.2	71.9	2869.2	1.32	52.80
54.0-55.0	802.1	71.6	2940.9	1.32	54.12
55.0-56.0	792.1	71.6	3012.4	1.32	55.43
56.0-57.0	782.2	71.5	3084.0	1.32	56.75
57.0-58.0	768.7	71.1	3155.1	1.31	58.06
58.0-59.0	752.5	70.4	3225.4	1.29	59.35
59.0-60.0	735.7	69.5	3294.9	1.28	60.63
60.0-61.0	719.7	68.7	3363.6	1.26	61.90
61.0-62.0	704.8	67.9	3431.5	1.25	63.15
62.0-63.0	690.9	67.2	3498.7	1.24	64.38
63.0-64.0	676.6	66.4	3565.1	1.22	65.60
64.0-65.0	660.6	65.4	3630.5	1.20	66.81
65.0-66.0	643.8	64.2	3694.8	1.18	67.99
66.0-67.0	626.6	63.0	3757.8	1.16	69.15
67.0-68.0	608.3	61.6	3819.4	1.13	70.28
68.0-69.0	589.0	60.1	3879.5	1.11	71.39
69.0-70.0	571.3	58.7	3938.2	1.08	72.47
70.0-71.0	555.5	57.4	3995.6	1.06	73.53
71.0-72.0	540.2	56.2	4051.8	1.03	74.56

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## 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	525.3	54.9	4106.7	1.01	75.57
73.0-74.0	510.4	53.7	4160.4	0.99	76.56
74.0-75.0	495.6	52.4	4212.7	0.96	77.52
75.0-76.0	480.9	51.1	4263.8	0.94	78.46
76.0-77.0	466.1	49.7	4313.5	0.91	79.38
77.0-78.0	451.7	48.4	4361.9	0.89	80.27
78.0-79.0	437.6	47.0	4408.9	0.87	81.13
79.0-80.0	423.0	45.6	4454.5	0.84	81.97
80.0-81.0	407.9	44.1	4498.6	0.81	82.78
81.0-82.0	392.6	42.6	4541.2	0.78	83.57
82.0-83.0	378.4	41.1	4582.4	0.76	84.32
83.0-84.0	365.3	39.8	4622.2	0.73	85.05
84.0-85.0	352.4	38.5	4660.6	0.71	85.76
85.0-86.0	339.5	37.1	4697.7	0.68	86.45
86.0-87.0	326.5	35.7	4733.5	0.66	87.10
87.0-88.0	313.4	34.3	4767.8	0.63	87.74
88.0-89.0	300.6	33.0	4800.8	0.61	88.34
89.0-90.0	288.6	31.6	4832.4	0.58	88.92
90.0-91.0	277.0	30.4	4862.8	0.56	89.48
91.0-92.0	265.4	29.1	4891.9	0.54	90.02
92.0-93.0	254.2	27.8	4919.7	0.51	90.53
93.0-94.0	243.7	26.7	4946.4	0.49	91.02
94.0-95.0	233.9	25.6	4972.0	0.47	91.49
95.0-96.0	224.8	24.5	4996.5	0.45	91.94
96.0-97.0	215.9	23.5	5020.1	0.43	92.38
97.0-98.0	207.3	22.5	5042.6	0.41	92.79
98.0-99.0	199.0	21.6	5064.2	0.40	93.19
99.0-100.0	191.0	20.7	5084.8	0.38	93.57
100.0-101.0	183.5	19.8	5104.6	0.36	93.93
101.0-102.0	176.2	18.9	5123.6	0.35	94.28
102.0-103.0	169.1	18.1	5141.7	0.33	94.61
103.0-104.0	162.6	17.3	5159.0	0.32	94.93
104.0-105.0	156.6	16.6	5175.6	0.31	95.24
105.0-106.0	150.5	15.9	5191.5	0.29	95.53
106.0-107.0	144.6	15.2	5206.7	0.28	95.81
107.0-108.0	139.2	14.6	5221.3	0.27	96.08

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 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	133.9	13.9	5235.2	0.26	96.34
109.0-110.0	128.4	13.3	5248.5	0.24	96.58
110.0-111.0	122.6	12.6	5261.1	0.23	96.81
111.0-112.0	116.5	11.9	5273.0	0.22	97.03
112.0-113.0	110.9	11.2	5284.2	0.21	97.24
113.0-114.0	105.4	10.6	5294.8	0.20	97.43
114.0-115.0	100.1	10.0	5304.8	0.18	97.62
115.0-116.0	94.9	9.4	5314.2	0.17	97.79
116.0-117.0	89.9	8.8	5323.0	0.16	97.95
117.0-118.0	85.3	8.3	5331.3	0.15	98.10
118.0-119.0	80.9	7.8	5339.1	0.14	98.25
119.0-120.0	76.6	7.3	5346.4	0.13	98.38
120.0-121.0	72.6	6.9	5353.2	0.13	98.51
121.0-122.0	68.6	6.4	5359.7	0.12	98.63
122.0-123.0	64.6	6.0	5365.6	0.11	98.74
123.0-124.0	60.7	5.5	5371.2	0.10	98.84
124.0-125.0	56.7	5.1	5376.3	0.09	98.93
125.0-126.0	53.0	4.7	5381.0	0.09	99.02
126.0-127.0	49.5	4.4	5385.4	0.08	99.10
127.0-128.0	46.2	4.0	5389.4	0.07	99.17
128.0-129.0	42.9	3.7	5393.1	0.07	99.24
129.0-130.0	39.9	3.4	5396.5	0.06	99.30
130.0-131.0	37.2	3.1	5399.6	0.06	99.36
131.0-132.0	34.6	2.8	5402.4	0.05	99.41
132.0-133.0	32.2	2.6	5405.0	0.05	99.46
133.0-134.0	30.0	2.4	5407.4	0.04	99.51
134.0-135.0	28.1	2.2	5409.6	0.04	99.55
135.0-136.0	26.3	2.0	5411.6	0.04	99.58
136.0-137.0	24.7	1.9	5413.5	0.03	99.62
137.0-138.0	23.4	1.7	5415.2	0.03	99.65
138.0-139.0	22.1	1.6	5416.8	0.03	99.68
139.0-140.0	20.8	1.5	5418.3	0.03	99.71
140.0-141.0	19.5	1.4	5419.7	0.03	99.73
141.0-142.0	18.5	1.3	5421.0	0.02	99.75
142.0-143.0	17.4	1.2	5422.1	0.02	99.78
143.0-144.0	16.5	1.1	5423.2	0.02	99.80

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 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	15.5	1.0	5424.2	0.02	99.81
145.0-146.0	14.6	0.9	5425.1	0.02	99.83
146.0-147.0	13.8	0.8	5425.9	0.02	99.85
147.0-148.0	13.0	0.8	5426.7	0.01	99.86
148.0-149.0	12.2	0.7	5427.4	0.01	99.87
149.0-150.0	11.4	0.6	5428.0	0.01	99.88
150.0-151.0	10.7	0.6	5428.6	0.01	99.89
151.0-152.0	10.3	0.5	5429.1	0.01	99.90
152.0-153.0	9.8	0.5	5429.6	0.01	99.91
153.0-154.0	9.2	0.5	5430.1	0.01	99.92
154.0-155.0	8.8	0.4	5430.5	0.01	99.93
155.0-156.0	8.5	0.4	5430.9	0.01	99.94
156.0-157.0	8.0	0.3	5431.2	0.01	99.94
157.0-158.0	7.5	0.3	5431.6	0.01	99.95
158.0-159.0	7.3	0.3	5431.8	0.01	99.95
159.0-160.0	7.1	0.3	5432.1	0.01	99.96
160.0-161.0	6.9	0.3	5432.4	0.00	99.96
161.0-162.0	6.7	0.2	5432.6	0.00	99.97
162.0-163.0	6.4	0.2	5432.8	0.00	99.97
163.0-164.0	6.1	0.2	5433.0	0.00	99.98
164.0-165.0	5.9	0.2	5433.2	0.00	99.98
165.0-166.0	5.8	0.2	5433.3	0.00	99.98
166.0-167.0	5.5	0.1	5433.5	0.00	99.98
167.0-168.0	5.3	0.1	5433.6	0.00	99.99
168.0-169.0	5.4	0.1	5433.7	0.00	99.99
169.0-170.0	5.4	0.1	5433.8	0.00	99.99
170.0-171.0	5.3	0.1	5433.9	0.00	99.99
171.0-172.0	5.2	0.1	5434.0	0.00	99.99
172.0-173.0	5.0	0.1	5434.1	0.00	100.00
173.0-174.0	5.0	0.1	5434.1	0.00	100.00
174.0-175.0	4.9	0.1	5434.2	0.00	100.00
175.0-176.0	4.8	0.0	5434.2	0.00	100.00
176.0-177.0	4.8	0.0	5434.3	0.00	100.00
177.0-178.0	4.8	0.0	5434.3	0.00	100.00
178.0-179.0	4.9	0.0	5434.3	0.00	100.00
179.0-180.0	4.9	0.0	5434.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 '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°): 2212.96 lm

%lum = 40.7%

%lamp = 40.7%

cone flux(120°): 3294.93 lm

%lum = 60.6%

%lamp = 60.6%



## 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	1809.0	1809.0	1809.0	1809.0	1809.0	1809.0	1809.0	1809.0	1809.0	1809.0
G1.0	1802.6	1824.6	1830.6	1839.9	1842.2	1834.9	1828.5	1815.2	1801.5	1784.1
G2.0	1807.7	1830.8	1840.4	1874.4	1899.5	1874.6	1840.3	1821.1	1809.0	1763.6
G3.0	1799.2	1822.6	1896.5	1936.1	1935.3	1924.9	1899.6	1821.3	1805.3	1734.4
G4.0	1805.6	1841.8	1921.7	1935.0	1917.1	1922.8	1921.5	1852.0	1805.7	1707.9
G5.0	1803.7	1877.8	1925.0	1940.3	1952.8	1933.2	1916.9	1889.4	1800.5	1682.3
G6.0	1807.6	1916.7	1919.2	1998.3	1983.3	1999.6	1916.7	1897.8	1800.1	1656.5
G7.0	1792.3	1923.0	1948.3	1963.8	1910.8	1961.2	1966.5	1908.2	1797.6	1650.4
G8.0	1789.7	1915.5	2001.2	1889.0	1907.8	1887.1	1989.3	1902.6	1797.8	1627.5
G9.0	1785.1	1900.9	1962.8	1919.1	1918.4	1912.4	1959.1	1902.4	1788.4	1596.7
G10.0	1785.8	1889.8	1897.5	1920.7	1904.5	1910.2	1902.7	1892.5	1776.3	1552.7
G11.0	1762.2	1895.5	1882.7	1905.7	1884.7	1898.5	1900.8	1881.5	1773.0	1523.4
G12.0	1756.0	1884.2	1902.7	1896.5	1903.0	1887.0	1914.7	1895.6	1757.5	1498.0
G13.0	1743.2	1901.5	1896.0	1916.6	1819.7	1911.4	1902.3	1903.7	1743.5	1475.6
G14.0	1732.5	1916.9	1884.4	1847.8	1829.6	1843.2	1889.7	1919.4	1725.8	1453.5
G15.0	1713.2	1910.9	1857.2	1841.5	1945.2	1838.5	1872.0	1901.3	1718.5	1416.9
G16.0	1692.4	1877.6	1868.1	1955.8	1960.4	1956.5	1883.7	1881.0	1693.4	1389.7
G17.0	1679.2	1853.2	1880.3	2001.2	1815.7	1987.1	1877.6	1850.3	1672.5	1346.5
G18.0	1666.8	1805.9	1816.5	1864.7	1832.1	1867.0	1833.7	1811.1	1655.2	1308.3
G19.0	1636.4	1756.5	1771.8	1815.9	1878.2	1810.7	1786.1	1770.7	1638.9	1270.4
G20.0	1607.2	1749.7	1817.9	1880.4	1856.0	1869.1	1816.5	1743.8	1612.6	1235.6
G21.0	1599.0	1740.3	1873.6	1873.3	1901.1	1862.7	1877.7	1744.7	1596.2	1194.9
G22.0	1574.4	1732.5	1878.0	1893.7	1864.8	1868.3	1876.1	1726.4	1570.1	1164.7
G23.0	1545.1	1722.2	1770.6	1913.3	1813.4	1900.3	1792.6	1711.2	1554.4	1134.7
G24.0	1528.4	1696.5	1718.1	1825.9	1795.3	1810.4	1744.4	1687.4	1531.5	1092.1
G25.0	1509.0	1666.0	1771.0	1798.4	1946.4	1782.9	1773.4	1666.2	1507.0	1056.8
G26.0	1483.7	1649.6	1779.6	1839.1	1929.3	1825.0	1787.8	1652.2	1483.0	1017.6
G27.0	1455.3	1639.0	1752.5	1950.4	1873.5	1929.8	1761.0	1635.9	1453.8	977.5
G28.0	1428.9	1623.0	1751.1	1924.3	1791.2	1915.3	1759.7	1629.2	1427.5	931.5
G29.0	1410.5	1635.2	1760.7	1830.9	1865.8	1844.5	1763.8	1635.7	1405.9	894.2
G30.0	1381.6	1626.5	1699.3	1770.3	2008.1	1791.7	1726.7	1622.3	1377.1	859.3
G31.0	1362.6	1604.6	1655.4	1821.5	2059.2	1823.0	1682.5	1606.8	1355.1	820.3
G32.0	1337.3	1567.2	1642.9	1956.6	1959.6	1932.4	1661.3	1565.4	1327.7	784.6
G33.0	1304.3	1505.8	1693.7	1991.6	1906.7	1981.9	1695.8	1508.8	1303.8	751.4
G34.0	1274.7	1475.7	1724.5	1929.5	1886.6	1932.1	1738.6	1472.0	1274.7	720.5
G35.0	1247.2	1468.3	1714.7	1872.7	2088.0	1889.6	1740.9	1451.0	1250.8	678.4
G36.0	1219.2	1456.6	1649.8	1842.0	2129.1	1849.7	1693.5	1445.9	1223.0	641.7

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 '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	1188.5	1441.0	1594.5	1958.9	2065.8	1945.1	1622.4	1442.0	1194.5	606.3
G38.0	1156.2	1421.1	1584.8	2042.8	2009.0	2046.2	1595.5	1429.4	1164.5	565.9
G39.0	1125.8	1401.7	1652.7	1957.5	2045.0	1963.1	1643.4	1404.6	1134.6	533.8
G40.0	1093.8	1385.2	1665.8	1945.1	2130.2	1944.7	1684.1	1383.6	1101.3	500.3
G41.0	1057.3	1361.7	1637.2	1978.3	2170.1	1965.3	1666.2	1359.0	1067.5	471.1
G42.0	1025.7	1349.2	1607.1	1978.9	2103.5	1974.6	1627.9	1334.5	1029.9	440.3
G43.0	993.1	1335.7	1589.1	2057.5	2109.8	2073.9	1604.9	1321.8	996.8	406.6
G44.0	961.1	1313.5	1553.8	1988.5	2163.3	2008.7	1573.1	1299.7	961.6	379.5
G45.0	925.2	1273.3	1627.7	2028.5	2126.1	2037.7	1612.0	1266.0	927.7	352.6
G46.0	898.2	1224.3	1606.0	2039.0	2107.2	2040.7	1640.0	1223.4	895.4	331.8
G47.0	868.4	1187.6	1557.0	1988.2	2132.4	1984.4	1588.4	1181.9	860.0	310.0
G48.0	839.1	1162.4	1533.6	1986.2	2163.0	1983.3	1555.9	1148.7	832.5	287.8
G49.0	811.8	1158.8	1529.2	1998.3	2187.0	1997.2	1529.0	1129.7	805.0	270.1
G50.0	781.4	1151.3	1536.5	2013.9	2062.1	2014.8	1534.7	1123.2	773.9	255.7
G51.0	754.3	1119.4	1599.3	1986.1	2026.1	1982.3	1614.1	1113.9	746.0	243.1
G52.0	730.5	1085.7	1520.3	1953.0	2016.2	1947.4	1568.1	1079.6	720.0	231.8
G53.0	705.5	1053.4	1484.2	1933.8	2021.5	1926.1	1503.4	1038.1	692.4	220.1
G54.0	676.8	1019.6	1462.1	1924.2	2041.7	1913.4	1462.1	1002.2	666.9	210.3
G55.0	653.4	998.5	1441.7	1913.5	2056.4	1906.7	1437.0	971.3	640.6	200.8
G56.0	626.6	1011.1	1425.9	1907.2	2050.4	1906.7	1420.7	963.0	616.0	191.1
G57.0	601.3	981.7	1411.7	1903.5	2022.1	1898.6	1404.5	962.6	591.9	182.4
G58.0	573.7	936.2	1393.6	1892.0	1988.6	1890.8	1389.9	937.0	566.9	173.6
G59.0	550.0	898.6	1378.4	1872.3	1946.9	1873.0	1379.1	896.0	539.9	164.5
G60.0	527.1	879.5	1362.1	1846.1	1912.2	1844.8	1363.3	853.8	514.0	155.6
G61.0	502.0	872.7	1346.4	1814.2	1880.4	1814.7	1343.2	836.8	483.8	146.4
G62.0	474.7	855.9	1327.4	1786.1	1866.1	1781.3	1326.0	826.1	452.5	137.7
G63.0	447.6	830.1	1312.2	1757.9	1871.8	1758.8	1307.0	810.6	426.0	130.1
G64.0	419.5	792.4	1290.3	1734.7	1857.0	1738.4	1290.2	787.2	395.9	121.9
G65.0	392.1	771.8	1272.5	1714.8	1814.1	1718.1	1269.8	755.4	368.9	115.1
G66.0	366.3	752.6	1247.4	1691.0	1772.2	1691.2	1243.1	730.1	341.0	106.5
G67.0	338.9	731.8	1223.1	1659.7	1741.9	1661.2	1219.6	706.3	312.9	99.5
G68.0	310.9	701.5	1198.2	1625.1	1693.0	1627.4	1193.4	682.6	283.6	92.6
G69.0	281.7	658.6	1168.6	1587.2	1670.4	1594.1	1166.3	651.8	259.5	84.9
G70.0	257.9	633.2	1141.7	1559.1	1642.8	1565.1	1142.2	618.3	236.8	78.4
G71.0	235.8	609.9	1118.6	1532.4	1616.5	1533.8	1116.9	590.5	215.7	72.3
G72.0	213.4	585.9	1091.2	1501.1	1594.8	1503.5	1092.6	566.6	196.0	66.8
G73.0	193.6	565.4	1065.0	1474.3	1569.6	1473.1	1065.5	545.6	175.9	61.4

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 '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	177.1	543.2	1034.9	1445.4	1533.1	1444.3	1036.7	522.8	159.4	55.6
G75.0	159.4	523.9	1010.6	1414.5	1500.1	1412.4	1011.1	502.8	144.2	51.6
G76.0	142.0	498.3	980.2	1382.3	1471.5	1381.5	979.9	482.8	130.3	46.8
G77.0	127.3	477.2	953.9	1349.5	1436.0	1349.4	953.2	460.8	117.4	43.0
G78.0	114.8	453.9	926.0	1322.3	1399.9	1324.5	922.7	439.1	103.3	39.9
G79.0	103.3	432.7	898.4	1289.8	1366.6	1294.4	892.9	418.5	92.3	35.5
G80.0	91.4	408.5	869.3	1253.4	1336.8	1255.5	861.2	398.1	82.4	32.9
G81.0	81.3	386.6	839.6	1211.6	1302.9	1213.9	831.9	374.9	72.9	30.3
G82.0	71.3	366.9	811.0	1168.9	1266.2	1173.0	804.4	353.8	65.1	28.1
G83.0	63.2	346.6	781.5	1135.1	1230.9	1139.9	779.5	335.2	58.0	26.2
G84.0	56.7	326.7	755.0	1104.0	1202.7	1102.8	751.9	317.3	51.4	24.2
G85.0	49.8	307.3	725.9	1071.1	1171.0	1073.6	722.7	298.9	45.5	22.7
G86.0	44.2	288.8	696.9	1039.1	1135.7	1038.1	694.3	282.0	40.5	21.9
G87.0	39.9	272.1	666.4	1006.7	1097.6	1003.0	665.3	266.8	37.1	20.5
G88.0	35.5	255.9	636.1	973.5	1056.4	967.1	636.9	251.0	34.2	19.7
G89.0	32.3	240.6	608.6	938.0	1020.5	932.9	608.9	235.6	31.9	19.1
G90.0	30.7	227.6	584.6	900.9	986.0	899.4	583.9	222.4	29.8	18.1
G91.0	29.0	214.5	561.7	866.2	948.7	865.5	555.3	210.0	28.8	17.9
G92.0	27.8	200.9	538.6	833.1	907.5	829.3	532.8	199.3	27.5	17.4
G93.0	27.1	189.9	516.0	795.8	873.9	793.3	510.6	189.0	27.6	16.6
G94.0	26.8	180.5	493.1	765.6	840.4	761.6	488.5	180.6	26.4	16.0
G95.0	26.4	173.2	472.9	737.3	804.1	732.6	468.5	172.8	25.4	15.3
G96.0	25.3	165.8	453.0	709.9	772.2	706.3	450.9	165.0	25.7	14.7
G97.0	25.9	158.4	434.3	682.1	741.9	676.1	431.7	156.4	25.4	14.2
G98.0	25.9	151.2	416.8	652.6	715.5	650.3	414.2	149.2	25.0	13.6
G99.0	26.1	143.0	398.3	628.3	687.6	623.3	395.9	142.3	25.9	12.5
G100.0	26.4	136.0	382.2	604.0	661.3	599.1	379.3	134.8	25.7	12.2
G101.0	26.6	129.7	365.3	577.9	636.6	575.5	364.8	128.7	26.1	11.8
G102.0	26.6	124.1	351.1	554.3	612.2	552.2	350.5	122.4	25.4	11.1
G103.0	26.6	117.9	337.9	532.6	586.0	529.7	336.6	116.6	25.6	10.3
G104.0	26.4	112.5	323.4	513.8	564.9	510.7	323.4	110.7	25.4	10.0
G105.0	26.3	105.8	310.7	494.6	545.1	492.9	311.0	104.7	25.4	9.3
G106.0	25.9	100.3	297.1	477.9	523.6	475.7	296.7	98.6	24.9	9.2
G107.0	25.5	95.0	284.5	461.3	505.5	457.3	283.9	92.9	24.8	8.9
G108.0	25.2	89.9	272.6	445.7	488.5	442.1	271.4	88.2	24.0	8.4
G109.0	24.5	84.5	259.6	427.9	472.3	426.9	259.0	83.1	23.5	7.9
G110.0	24.5	80.4	247.8	412.3	452.7	411.6	246.1	78.4	22.8	8.1

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 '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	23.5	75.5	235.3	396.6	420.1	394.3	234.9	73.8	22.9	7.3
G112.0	23.3	71.0	224.1	380.2	392.4	378.9	223.9	68.7	21.8	7.4
G113.0	22.7	66.9	212.5	364.9	366.0	363.5	211.5	65.3	21.2	7.6
G114.0	22.3	62.8	201.5	349.7	343.8	347.8	200.0	61.1	21.1	6.9
G115.0	21.6	59.0	190.4	334.2	322.7	331.5	188.9	58.0	20.1	6.9
G116.0	21.2	55.5	179.4	318.9	302.4	316.5	178.0	54.4	20.1	6.7
G117.0	19.9	52.6	168.2	302.3	285.4	300.8	167.0	51.9	19.7	6.1
G118.0	19.4	49.9	157.9	288.3	270.4	284.9	157.5	49.3	18.9	6.1
G119.0	18.3	48.0	148.6	272.8	256.6	269.9	148.3	47.2	18.0	5.8
G120.0	18.5	46.2	139.4	257.4	244.1	255.7	138.3	44.5	17.4	5.7
G121.0	17.6	43.9	131.1	243.0	233.8	240.8	129.7	42.6	17.4	5.5
G122.0	17.0	41.9	122.2	228.0	221.1	226.6	121.5	40.2	16.4	5.0
G123.0	16.6	39.7	114.0	213.0	209.3	211.1	114.2	38.6	16.2	5.3
G124.0	15.9	37.8	107.2	196.6	196.4	196.7	106.2	36.5	15.7	5.0
G125.0	14.9	35.8	99.4	181.7	183.3	182.4	98.7	34.8	15.2	5.2
G126.0	14.7	34.4	93.5	167.1	171.8	167.7	92.4	33.3	14.4	5.3
G127.0	13.7	32.6	87.4	154.6	159.9	155.5	86.3	31.7	13.6	5.2
G128.0	13.4	31.0	81.2	140.7	150.1	141.9	81.1	30.1	13.8	5.0
G129.0	12.9	29.3	76.0	128.5	138.7	129.0	75.3	28.6	12.9	4.8
G130.0	12.6	28.1	71.4	117.6	127.9	117.8	70.8	27.3	12.8	4.3
G131.0	11.9	26.9	66.7	107.4	118.1	108.3	66.0	26.4	12.2	5.3
G132.0	11.5	25.4	62.2	98.6	108.5	100.3	61.2	24.8	11.9	5.0
G133.0	11.0	24.2	58.3	89.9	99.7	91.1	58.0	23.9	11.5	5.2
G134.0	11.0	23.1	54.8	82.8	91.7	83.6	54.6	23.1	11.1	4.7
G135.0	10.3	22.2	51.4	76.0	84.2	77.2	51.1	22.1	10.9	5.1
G136.0	9.8	21.3	48.4	70.0	78.0	71.9	47.9	20.9	10.4	4.9
G137.0	9.9	20.8	44.9	65.1	72.5	66.0	45.1	20.4	10.3	4.0
G138.0	9.8	19.6	42.3	61.0	67.6	61.4	42.6	19.7	9.8	4.5
G139.0	9.4	18.6	40.6	56.3	63.3	57.2	40.6	18.5	9.3	4.4
G140.0	8.6	18.0	37.8	52.4	59.2	53.1	37.3	17.7	9.1	4.2
G141.0	8.3	16.9	35.4	48.0	54.8	49.7	35.3	17.1	8.7	3.3
G142.0	8.3	16.3	33.2	45.0	50.4	46.2	33.2	15.9	8.7	4.0
G143.0	7.9	15.3	30.7	41.7	47.0	42.4	31.2	15.2	7.8	3.3
G144.0	7.5	14.3	29.2	39.1	44.0	39.6	29.2	14.2	7.8	3.2
G145.0	7.0	13.5	27.2	36.2	40.8	36.6	27.5	13.5	7.4	3.5
G146.0	6.5	12.6	25.2	33.9	38.1	34.2	25.7	13.1	7.1	3.2
G147.0	6.5	11.7	23.9	31.1	35.8	31.5	24.0	11.8	6.9	3.0

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 '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	6.0	11.1	22.1	28.5	32.6	29.4	22.3	11.6	6.3	3.5
G149.0	6.1	9.8	20.5	26.2	29.5	26.9	21.3	10.7	6.1	3.7
G150.0	5.3	9.7	19.3	24.0	27.1	24.9	19.5	9.9	5.8	3.5
G151.0	5.1	8.6	17.9	22.3	24.9	22.8	18.4	8.9	5.4	2.8
G152.0	5.1	8.1	16.9	20.5	23.4	22.2	17.2	8.9	5.6	3.6
G153.0	3.5	7.2	15.7	19.5	21.8	20.6	16.1	8.1	5.1	3.4
G154.0	4.2	6.0	14.7	18.0	20.4	19.3	15.0	7.3	5.0	3.4
G155.0	4.5	5.9	13.4	17.0	18.7	17.9	14.2	6.9	4.4	3.8
G156.0	4.0	5.9	13.1	15.6	18.0	16.6	13.3	6.6	4.4	4.0
G157.0	3.5	5.0	11.2	14.6	16.7	15.6	12.2	5.9	3.2	4.0
G158.0	4.3	5.2	11.2	14.0	15.3	14.7	11.1	5.8	3.7	3.7
G159.0	3.9	4.7	10.0	13.0	14.5	13.8	11.0	5.2	4.5	4.3
G160.0	4.4	5.0	9.3	11.7	13.5	12.6	9.6	5.1	4.4	4.3
G161.0	4.5	4.5	8.4	11.0	12.2	11.9	9.2	5.3	4.6	4.4
G162.0	4.7	4.2	7.6	10.2	11.7	11.3	8.6	4.8	4.4	4.6
G163.0	4.2	4.5	7.0	8.8	10.8	10.2	7.6	5.0	4.2	4.5
G164.0	4.1	3.9	6.3	8.7	9.6	9.6	7.3	5.0	5.0	3.7
G165.0	4.3	4.2	5.7	7.6	8.6	8.5	6.8	5.0	4.7	4.5
G166.0	4.4	4.2	5.8	7.0	8.3	8.3	6.7	4.7	4.7	5.0
G167.0	3.9	4.1	4.6	5.4	7.7	7.2	5.8	4.4	4.9	4.6
G168.0	4.5	4.0	4.9	6.1	6.6	7.0	5.4	4.8	4.9	4.3
G169.0	4.2	3.5	5.1	6.1	6.3	6.9	5.7	4.9	4.9	4.7
G170.0	4.2	3.5	4.3	5.4	5.8	6.5	5.3	5.0	4.9	4.7
G171.0	4.9	3.4	4.3	3.9	5.6	5.8	5.0	5.1	5.0	4.7
G172.0	4.7	4.4	4.3	4.6	4.6	6.0	4.7	4.9	5.4	4.7
G173.0	3.9	3.5	4.1	3.9	4.6	5.3	5.0	5.1	5.4	4.3
G174.0	5.0	4.6	4.4	4.2	4.9	5.3	5.2	4.2	5.0	4.6
G175.0	4.6	4.1	3.7	3.9	3.5	5.5	3.9	4.9	5.1	5.2
G176.0	3.6	4.0	3.7	4.0	4.4	5.0	5.6	4.2	5.4	5.1
G177.0	5.0	4.5	4.6	4.4	4.1	5.2	5.5	3.5	5.4	4.5
G178.0	4.4	5.0	4.3	3.7	5.0	5.3	5.5	4.9	4.2	4.7
G179.0	5.2	3.9	4.9	4.4	4.8	5.5	5.5	5.1	5.3	4.6
G180.0	5.4	4.1	4.8	4.1	5.0	4.6	4.4	4.4	5.6	5.0

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 '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	1809.0	1809.0	1809.0	1809.0	1809.0	1809.0	1809.0			
G1.0	1757.0	1752.0	1749.7	1752.5	1768.6	1787.1	1802.6			
G2.0	1710.6	1691.6	1686.7	1686.5	1726.7	1762.0	1807.7			
G3.0	1675.3	1647.7	1657.3	1658.6	1671.6	1726.7	1799.2			
G4.0	1652.4	1578.8	1580.5	1597.8	1643.0	1709.5	1805.6			
G5.0	1598.6	1528.4	1540.9	1527.0	1611.8	1678.2	1803.7			
G6.0	1545.3	1509.1	1489.7	1502.5	1545.4	1666.2	1807.6			
G7.0	1517.7	1436.4	1407.6	1446.6	1515.7	1634.1	1792.3			
G8.0	1490.7	1370.8	1359.7	1370.2	1489.7	1614.9	1789.7			
G9.0	1446.3	1332.1	1298.7	1331.7	1438.2	1597.1	1785.1			
G10.0	1390.9	1260.9	1239.6	1271.4	1378.3	1564.6	1785.8			
G11.0	1342.5	1211.4	1174.8	1217.9	1337.7	1520.7	1762.2			
G12.0	1298.7	1159.6	1121.6	1164.4	1301.0	1486.6	1756.0			
G13.0	1241.3	1112.5	1060.6	1114.3	1248.5	1466.5	1743.2			
G14.0	1194.5	1055.5	992.2	1059.9	1193.4	1443.4	1732.5			
G15.0	1152.1	986.1	933.4	992.1	1150.0	1417.1	1713.2			
G16.0	1109.1	928.5	866.2	937.3	1100.4	1374.6	1692.4			
G17.0	1062.2	867.9	789.1	874.9	1056.4	1336.7	1679.2			
G18.0	1002.2	800.7	721.7	810.3	1017.5	1310.8	1666.8			
G19.0	949.3	736.3	660.4	739.2	971.5	1270.7	1636.4			
G20.0	904.7	672.8	593.8	678.7	909.9	1230.3	1607.2			
G21.0	861.3	608.8	523.6	617.1	860.5	1190.9	1599.0			
G22.0	801.2	542.9	461.8	553.2	807.6	1163.4	1574.4			
G23.0	744.4	481.1	411.4	491.7	754.9	1128.4	1545.1			
G24.0	688.7	431.6	375.9	440.0	706.2	1086.6	1528.4			
G25.0	641.5	394.3	347.5	401.3	658.3	1047.2	1509.0			
G26.0	593.7	362.0	324.2	367.2	607.4	1006.1	1483.7			
G27.0	546.6	336.9	303.5	341.5	558.5	972.6	1455.3			
G28.0	493.1	316.8	282.6	320.6	513.0	936.2	1428.9			
G29.0	447.1	297.6	266.8	300.8	466.5	900.7	1410.5			
G30.0	410.7	278.5	251.9	281.4	428.5	864.0	1381.6			
G31.0	384.2	263.3	237.7	264.4	399.2	831.2	1362.6			
G32.0	358.7	248.5	223.0	251.1	369.3	794.4	1337.3			
G33.0	331.4	234.8	206.6	237.1	340.6	762.1	1304.3			
G34.0	309.0	221.4	194.5	223.4	318.6	731.2	1274.7			
G35.0	292.1	205.3	180.2	207.7	301.6	685.0	1247.2			
G36.0	275.6	192.9	167.6	193.4	285.2	649.2	1219.2			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 '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	259.9	179.3	155.7	181.3	267.4	607.5	1188.5			
G38.0	246.0	166.3	143.9	167.4	253.8	575.4	1156.2			
G39.0	234.6	154.7	133.9	156.0	242.2	542.5	1125.8			
G40.0	223.1	143.2	124.7	144.7	230.8	513.5	1093.8			
G41.0	211.0	132.6	114.2	134.3	218.8	484.8	1057.3			
G42.0	197.0	122.1	105.2	122.7	203.7	456.2	1025.7			
G43.0	185.9	113.2	94.9	113.7	192.4	418.9	993.1			
G44.0	173.9	105.0	86.2	105.1	182.2	390.9	961.1			
G45.0	161.5	95.3	79.2	96.7	168.5	363.3	925.2			
G46.0	151.5	87.8	71.8	89.2	158.0	344.3	898.2			
G47.0	142.3	81.1	65.8	83.0	148.5	323.0	868.4			
G48.0	132.2	74.2	60.4	76.1	138.3	305.2	839.1			
G49.0	123.3	68.7	56.3	69.6	129.7	286.2	811.8			
G50.0	114.6	63.6	53.2	64.6	120.4	269.1	781.4			
G51.0	107.4	59.1	51.0	60.4	112.4	256.4	754.3			
G52.0	100.3	55.1	50.0	56.2	104.9	244.7	730.5			
G53.0	92.5	51.6	50.1	52.6	98.2	234.7	705.5			
G54.0	86.4	48.5	49.1	49.2	90.9	224.9	676.8			
G55.0	80.4	45.5	48.2	45.9	84.3	214.5	653.4			
G56.0	74.6	42.8	44.8	43.2	78.7	205.9	626.6			
G57.0	68.9	40.7	41.2	41.1	73.6	196.6	601.3			
G58.0	63.7	37.9	37.4	38.6	68.0	187.8	573.7			
G59.0	58.5	35.7	33.4	36.3	62.8	178.2	550.0			
G60.0	54.1	33.4	30.6	34.3	58.3	168.2	527.1			
G61.0	49.9	31.1	27.2	31.0	53.3	159.4	502.0			
G62.0	45.7	28.1	23.9	28.3	49.2	150.5	474.7			
G63.0	42.0	24.2	20.8	25.1	44.8	141.5	447.6			
G64.0	38.3	20.8	17.1	21.6	41.1	133.5	419.5			
G65.0	34.9	18.0	11.6	18.5	37.5	125.5	392.1			
G66.0	31.6	13.7	9.7	14.7	34.0	117.7	366.3			
G67.0	28.7	10.0	2.2	10.5	30.9	110.2	338.9			
G68.0	25.4	4.3	2.4	6.5	27.5	102.4	310.9			
G69.0	22.6	1.4	2.1	2.8	24.2	94.1	281.7			
G70.0	20.0	1.2	1.9	2.5	21.8	87.3	257.9			
G71.0	16.9	1.4	2.4	2.6	18.7	81.0	235.8			
G72.0	13.7	1.6	2.1	2.4	15.5	73.9	213.4			
G73.0	11.2	1.8	2.6	2.1	12.3	68.5	193.6			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 '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	10.2	1.8	2.1	2.0	11.3	63.3	177.1			
G75.0	9.7	1.5	2.1	2.6	10.7	57.7	159.4			
G76.0	9.2	1.9	1.7	2.6	10.3	53.4	142.0			
G77.0	8.0	1.9	2.6	2.5	9.7	48.8	127.3			
G78.0	7.8	1.9	2.7	2.2	8.9	44.5	114.8			
G79.0	7.8	1.8	2.3	2.6	9.1	40.2	103.3			
G80.0	7.5	1.5	2.6	2.1	8.8	37.2	91.4			
G81.0	7.1	2.0	2.9	2.9	8.3	34.3	81.3			
G82.0	6.6	1.6	2.8	2.6	7.4	31.4	71.3			
G83.0	7.2	2.2	2.3	2.4	8.2	29.5	63.2			
G84.0	6.3	2.0	2.7	2.9	7.4	27.6	56.7			
G85.0	6.8	1.8	2.6	2.9	7.0	26.5	49.8			
G86.0	6.1	1.9	3.1	3.1	7.5	24.9	44.2			
G87.0	6.2	2.4	3.1	2.9	7.2	23.8	39.9			
G88.0	5.5	2.1	2.8	3.0	6.9	22.7	35.5			
G89.0	5.5	1.9	2.7	3.1	7.0	22.2	32.3			
G90.0	4.6	2.3	3.1	3.1	6.6	20.9	30.7			
G91.0	5.5	2.4	3.3	3.1	7.1	20.4	29.0			
G92.0	5.3	2.4	3.1	3.4	6.2	20.2	27.8			
G93.0	5.2	2.4	3.4	3.3	6.4	18.7	27.1			
G94.0	5.2	2.5	3.3	3.7	6.5	18.4	26.8			
G95.0	5.4	2.1	3.4	3.8	6.2	17.6	26.4			
G96.0	4.6	2.5	3.3	3.6	6.2	17.0	25.3			
G97.0	4.5	2.7	3.6	3.6	6.5	16.4	25.9			
G98.0	4.8	2.7	3.6	3.8	5.7	15.3	25.9			
G99.0	3.8	2.9	3.6	3.6	6.2	14.7	26.1			
G100.0	4.4	3.1	3.4	3.3	5.4	13.8	26.4			
G101.0	4.3	2.6	3.8	3.3	6.3	13.4	26.6			
G102.0	4.3	2.1	3.6	3.2	5.2	13.0	26.6			
G103.0	3.7	2.4	3.5	3.6	5.7	12.1	26.6			
G104.0	3.6	3.0	3.9	3.6	5.4	11.9	26.4			
G105.0	4.3	2.4	3.8	4.0	5.4	11.3	26.3			
G106.0	4.1	1.9	3.3	3.7	5.0	11.0	25.9			
G107.0	4.1	2.7	2.8	3.0	4.5	10.4	25.5			
G108.0	4.3	3.1	3.8	3.6	4.7	10.2	25.2			
G109.0	4.0	2.3	3.6	3.9	5.0	9.7	24.5			
G110.0	3.3	2.9	3.4	3.3	4.7	9.7	24.5			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 '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	2.8	2.6	2.9	3.5	4.8	9.1	23.5			
G112.0	3.6	3.1	3.6	2.9	4.5	8.7	23.3			
G113.0	3.3	2.4	4.1	4.0	5.0	9.1	22.7			
G114.0	3.3	2.9	2.9	3.7	4.5	8.8	22.3			
G115.0	2.9	2.4	4.1	3.8	4.5	8.2	21.6			
G116.0	3.3	2.2	3.8	3.3	4.4	8.0	21.2			
G117.0	3.4	2.6	3.7	4.1	4.3	8.0	19.9			
G118.0	3.3	2.9	3.5	4.0	4.9	7.9	19.4			
G119.0	3.3	2.9	3.6	3.8	4.7	7.3	18.3			
G120.0	2.4	2.9	3.6	4.1	4.3	6.9	18.5			
G121.0	3.3	2.2	3.7	3.9	5.0	7.4	17.6			
G122.0	3.2	2.6	3.9	3.8	4.3	7.1	17.0			
G123.0	2.9	1.6	4.0	3.8	4.8	6.9	16.6			
G124.0	3.0	3.2	3.8	4.3	4.2	6.9	15.9			
G125.0	2.3	3.1	4.0	4.3	4.7	6.6	14.9			
G126.0	3.1	3.0	3.2	4.0	4.5	5.7	14.7			
G127.0	3.1	3.2	3.5	4.2	4.7	6.1	13.7			
G128.0	2.3	3.0	4.1	3.7	4.2	6.2	13.4			
G129.0	3.4	3.2	3.5	4.1	4.6	6.3	12.9			
G130.0	3.4	2.9	3.7	3.8	4.3	6.2	12.6			
G131.0	3.1	2.9	3.9	4.0	4.7	6.3	11.9			
G132.0	3.3	2.2	4.4	4.3	4.7	6.1	11.5			
G133.0	2.2	3.4	3.8	4.1	3.9	5.3	11.0			
G134.0	2.6	3.7	4.2	4.3	4.6	5.6	11.0			
G135.0	3.3	2.5	3.3	4.8	4.5	5.8	10.3			
G136.0	3.3	2.9	4.4	4.3	4.5	4.1	9.8			
G137.0	3.2	3.8	4.3	3.6	5.0	5.9	9.9			
G138.0	3.5	3.6	4.5	3.7	4.4	5.8	9.8			
G139.0	3.4	3.9	4.2	5.0	4.4	5.5	9.4			
G140.0	2.0	3.4	4.1	4.2	5.0	4.8	8.6			
G141.0	3.6	2.6	4.8	5.0	4.6	5.4	8.3			
G142.0	3.6	4.0	4.8	4.5	4.7	5.1	8.3			
G143.0	3.6	4.1	4.8	5.1	5.4	4.8	7.9			
G144.0	4.2	4.3	4.9	5.5	5.0	4.4	7.5			
G145.0	4.0	3.7	4.8	5.5	5.5	3.7	7.0			
G146.0	3.6	3.9	5.1	5.2	5.1	4.6	6.5			
G147.0	4.6	4.4	4.6	4.9	5.0	4.4	6.5			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 '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	4.1	4.3	5.6	5.5	5.3	4.5	6.0			
G149.0	4.5	4.6	4.8	5.0	4.8	4.4	6.1			
G150.0	4.6	3.9	4.1	5.8	5.5	4.3	5.3			
G151.0	4.5	4.5	5.1	5.3	5.6	4.3	5.1			
G152.0	4.5	4.9	5.0	5.5	6.0	4.8	5.1			
G153.0	4.6	4.4	5.7	5.3	5.5	4.3	3.5			
G154.0	4.7	4.9	5.6	5.3	5.7	3.9	4.2			
G155.0	4.1	4.9	5.3	5.9	5.5	4.8	4.5			
G156.0	4.8	5.0	5.7	5.5	6.2	4.8	4.0			
G157.0	3.9	4.8	5.7	5.4	5.7	4.0	3.5			
G158.0	5.0	4.8	4.7	5.5	5.6	4.8	4.3			
G159.0	4.8	4.9	4.8	5.8	5.6	4.9	3.9			
G160.0	4.7	5.4	4.8	6.1	6.5	5.1	4.4			
G161.0	4.8	4.9	6.2	5.8	5.1	4.5	4.5			
G162.0	5.7	5.7	5.9	6.0	6.2	5.1	4.7			
G163.0	5.1	4.1	5.5	6.6	6.1	5.3	4.2			
G164.0	4.9	5.4	5.6	6.2	6.6	5.1	4.1			
G165.0	4.3	5.3	5.7	6.4	5.8	5.4	4.3			
G166.0	5.0	5.4	6.0	5.6	6.3	4.5	4.4			
G167.0	4.6	5.3	5.8	5.5	6.2	5.4	3.9			
G168.0	5.5	5.1	5.6	5.9	6.0	5.1	4.5			
G169.0	5.5	5.1	6.1	6.3	6.4	5.4	4.2			
G170.0	5.6	5.4	5.9	6.5	6.9	5.6	4.2			
G171.0	5.4	5.7	6.1	6.5	6.3	5.4	4.9			
G172.0	5.8	5.4	4.8	5.8	6.5	5.6	4.7			
G173.0	4.8	4.9	5.7	5.6	6.3	5.5	3.9			
G174.0	5.3	5.2	5.7	5.9	6.1	5.1	5.0			
G175.0	5.1	4.3	4.8	5.7	6.0	5.0	4.6			
G176.0	4.6	5.1	4.8	5.8	6.2	5.4	3.6			
G177.0	5.2	4.9	5.1	5.7	5.2	3.9	5.0			
G178.0	4.4	4.8	4.5	5.0	5.8	5.2	4.4			
G179.0	4.8	4.9	4.8	5.3	5.7	5.1	5.2			
G180.0	4.7	4.3	4.8	5.5	5.5	4.5	5.4			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.2 'C  
 Operator:

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