

Report No.:

Test Time: 2023/6/25 20:38

## Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.484 A  
Power Factor: 0.920

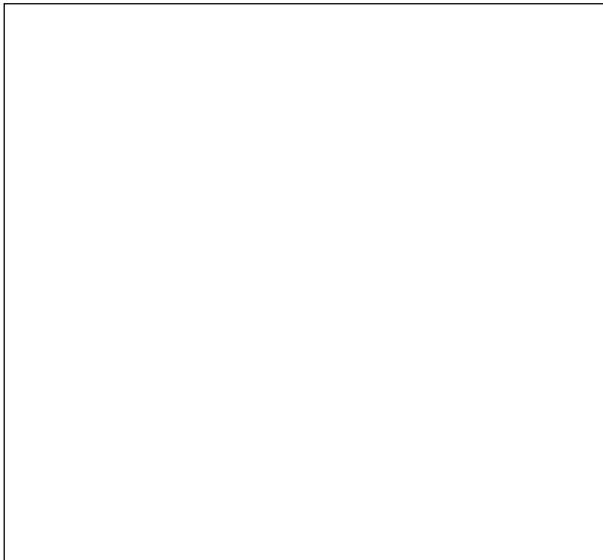
Luminaire Description:  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 277.0 V  
Power: 123.45 W

## Photometric Results

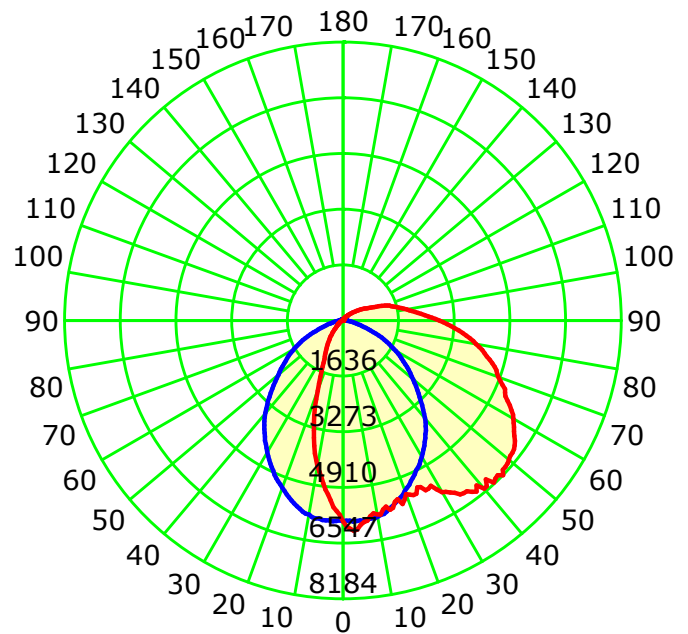
IES Classification: Type IV  
Total Rated Lamp Lumens: 16797.1 lm  
Efficiency: 100%  
Upward Ratio: 11%  
C0r0 Intensity: 5900.59 cd  
Pos of Max. Intensity: H90 V46  
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 92.6, 101.5, 95.4, 95.4

Longitudinal Classification: Very Short  
Measurement Flux: 16797.1 lm  
Downward Ratio: 89%  
Luminaire Efficacy Rating (LER): 136.11  
Max. Intensity: 6547.6 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

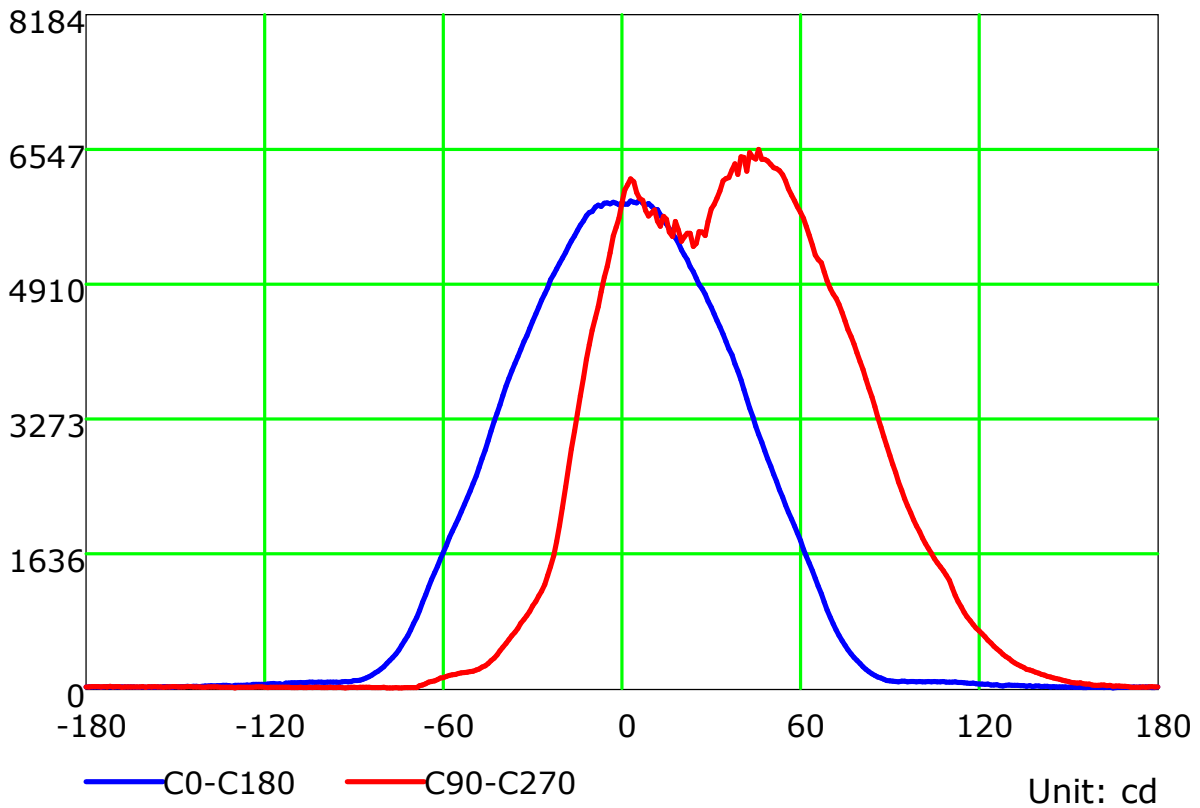
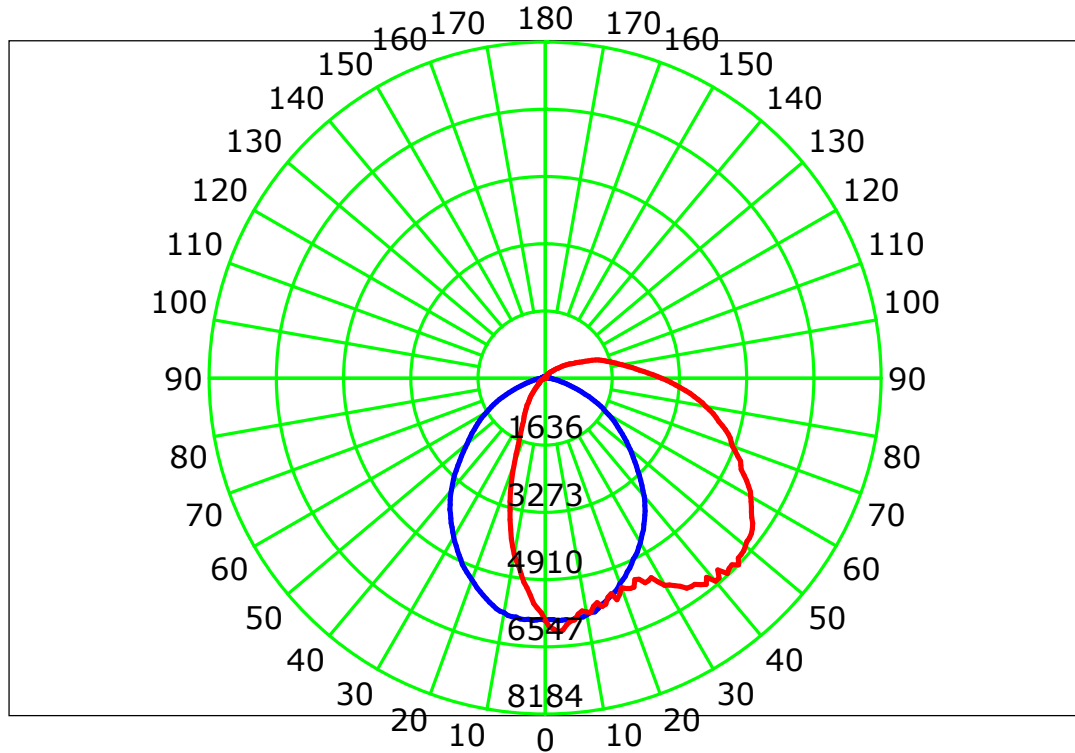
Average Diffuse Angle(50%): 97.1°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.1 °C  
Operator:

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

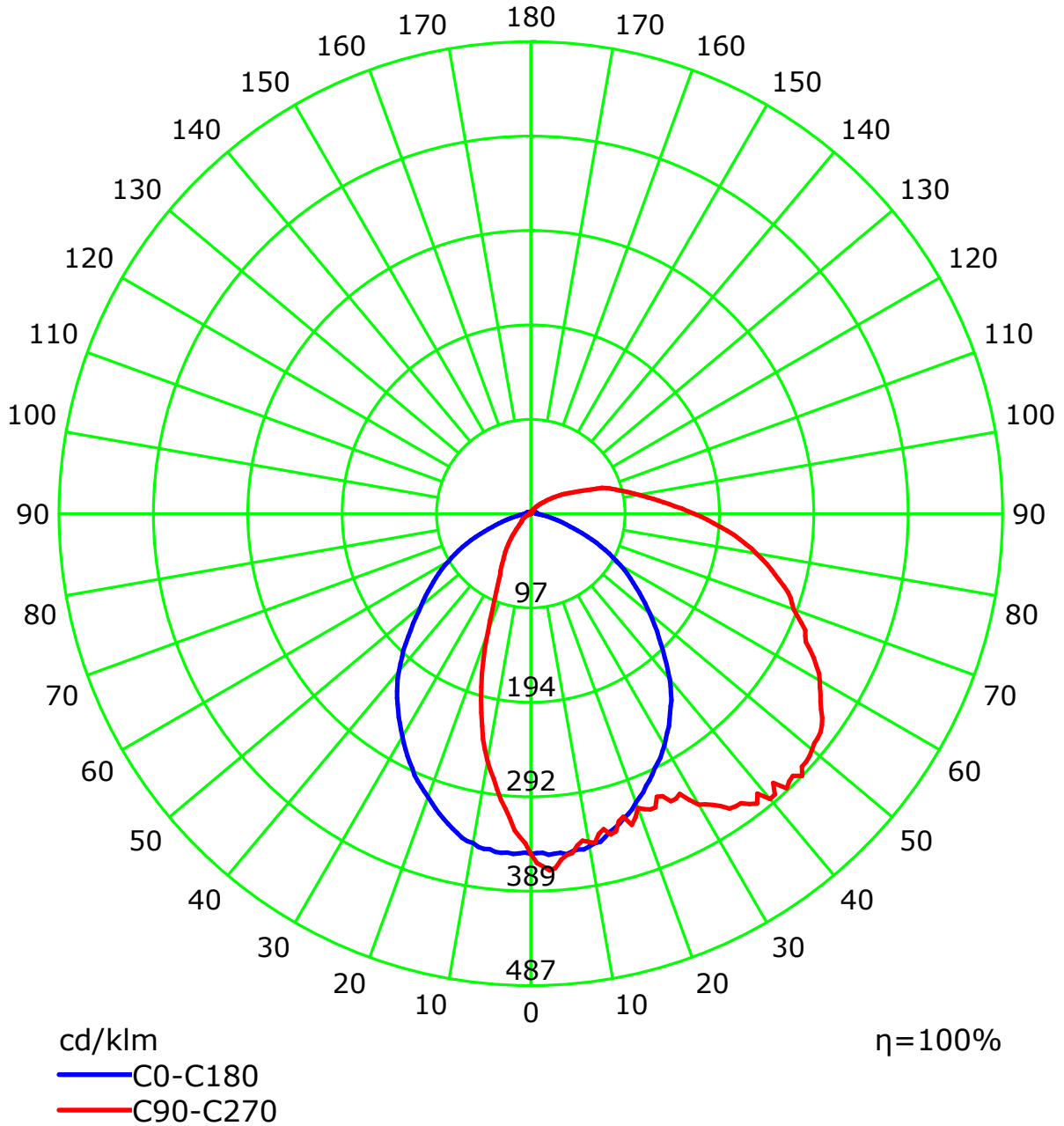
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 'C  
 Operator:

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

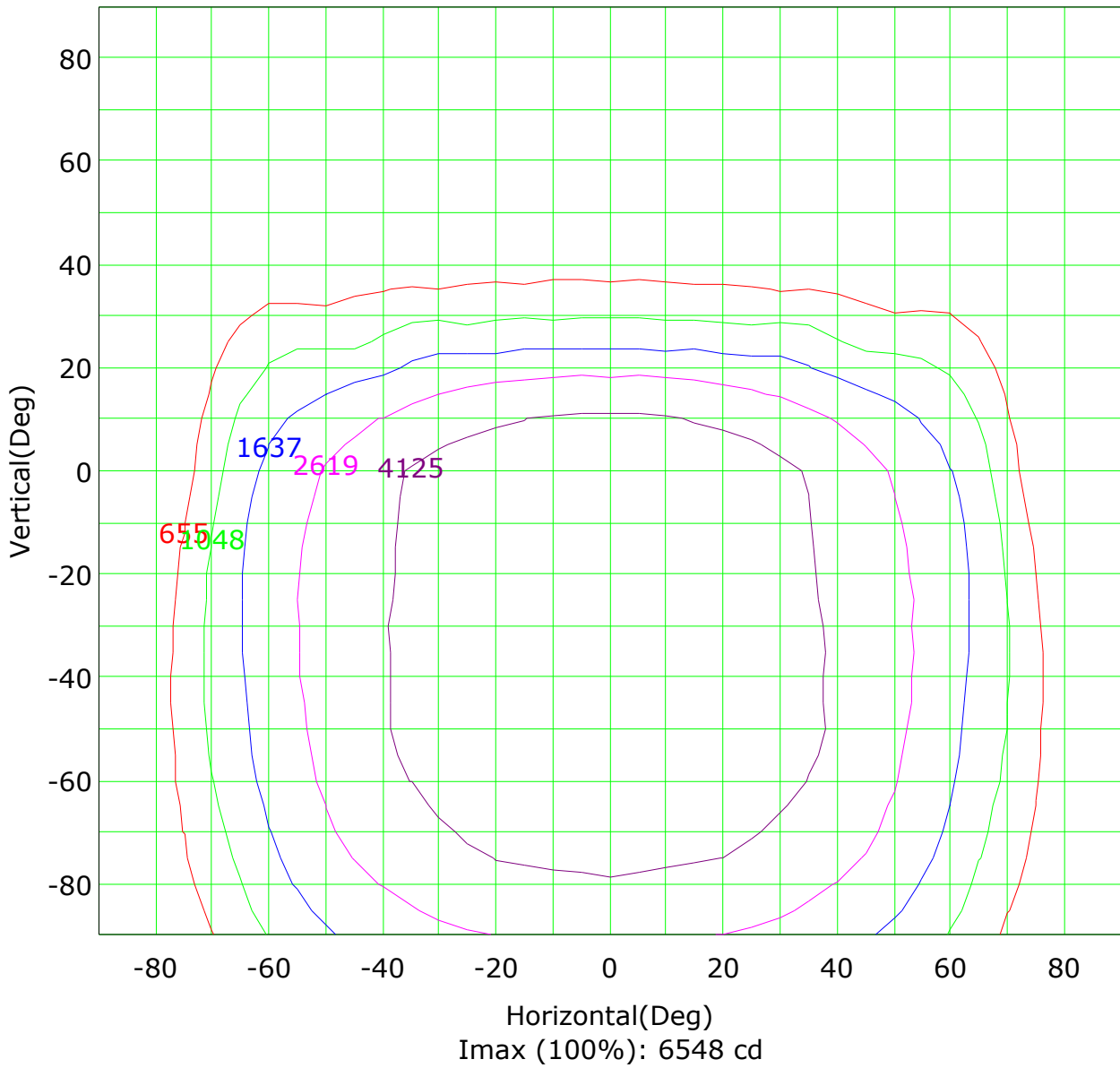
## Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 '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)

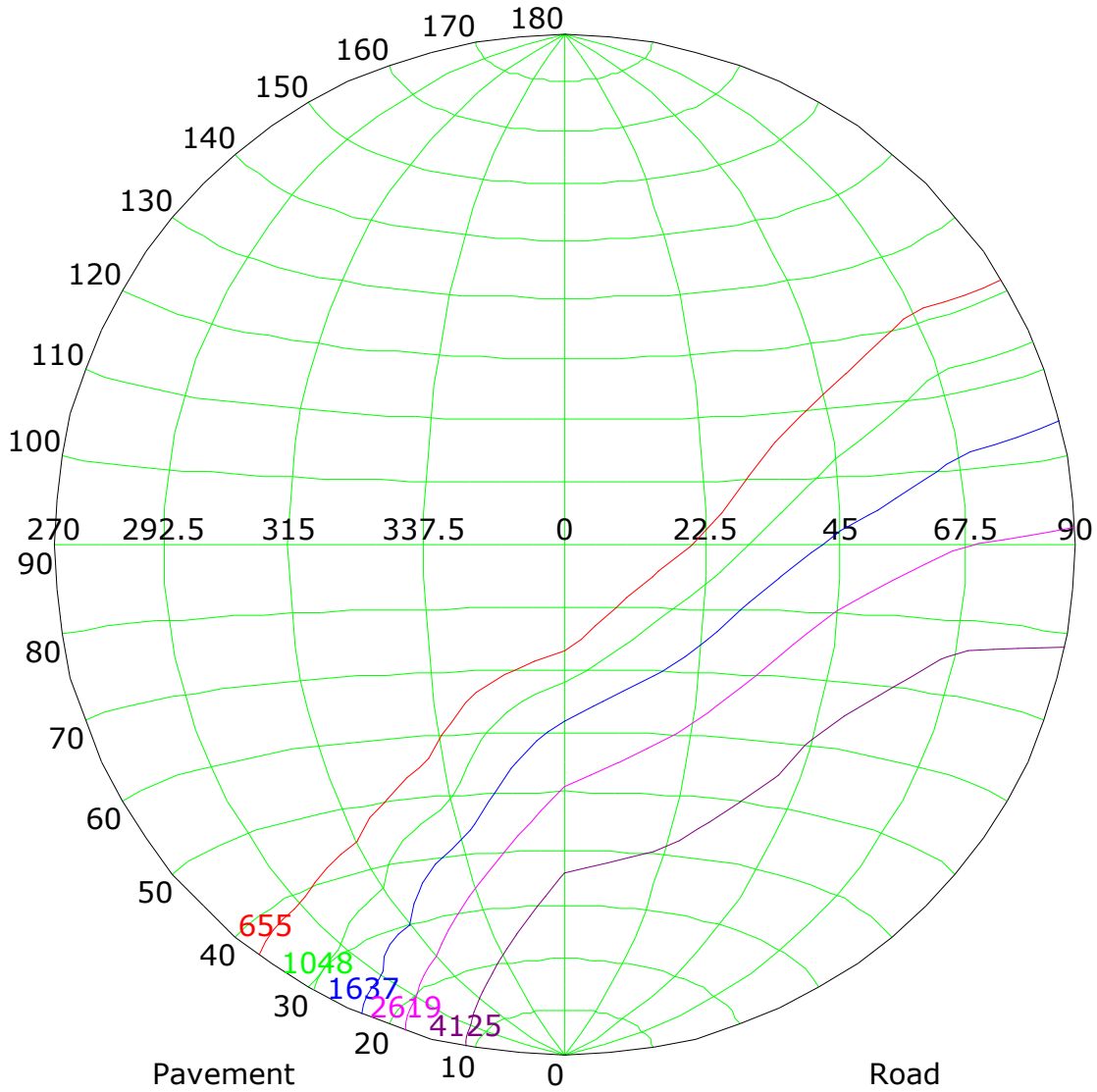


- |                   |                   |
|-------------------|-------------------|
| — ( 10%): 655 cd  | — ( 16%): 1048 cd |
| — ( 25%): 1637 cd | — ( 40%): 2619 cd |
| — ( 63%): 4125 cd | — (100%): 6548 cd |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 '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)



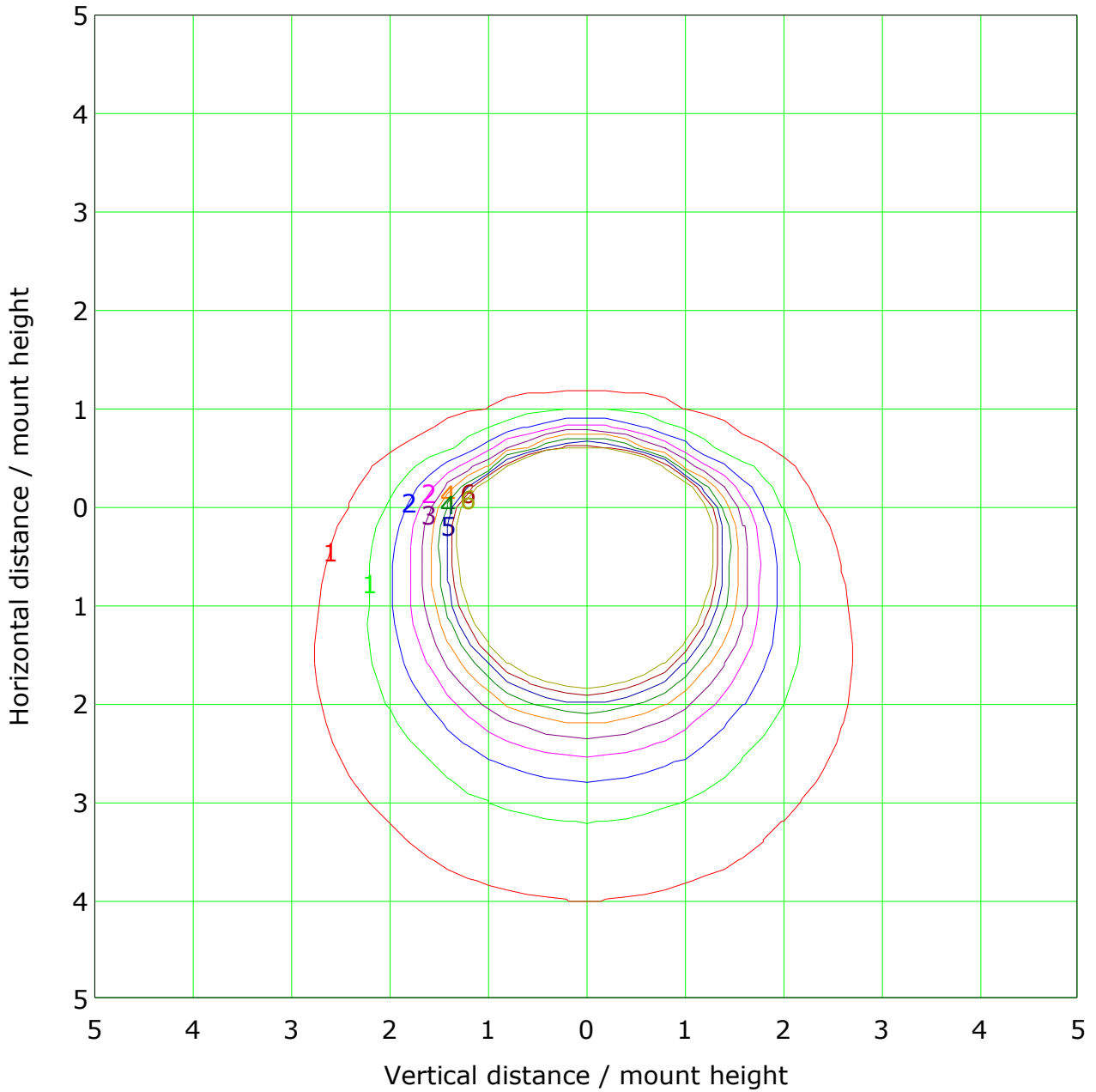
Imax (100%): 6548 cd

- |                   |                   |
|-------------------|-------------------|
| — ( 10%): 655 cd  | — ( 16%): 1048 cd |
| — ( 25%): 1637 cd | — ( 40%): 2619 cd |
| — ( 63%): 4125 cd | — (100%): 6548 cd |

CIE: broad - short  
CIE: Non-cut-off luminaire  
Max.At90: 168.647 cd/klm

IES: Non-cut-off  
Max.At80: 236.438 cd/klm  
Max.80-90: 236.438 cd/klm

### IsoLux Plot



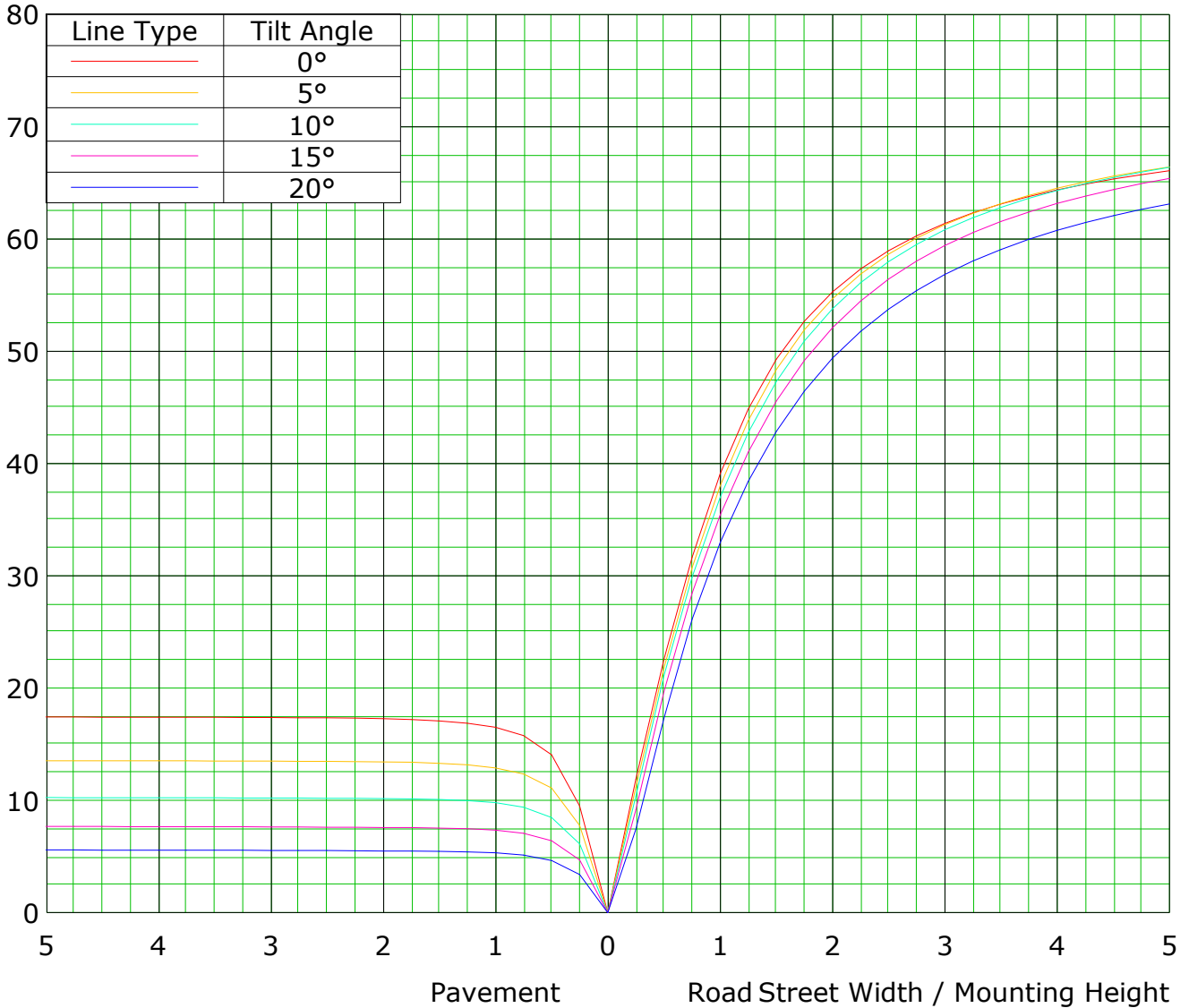
Mounting Height: 10.0m		Max Lux(100%): 61.7 lx	
— ( 1%):	0.6 lx	— ( 2%):	1.2 lx
— ( 3%):	1.9 lx	— ( 4%):	2.5 lx
— ( 5%):	3.1 lx	— ( 6%):	3.7 lx
— ( 7%):	4.3 lx	— ( 8%):	4.9 lx
— ( 9%):	5.6 lx	— ( 10%):	6.2 lx

C Plane (°):0.0-360.0: 22.5  
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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

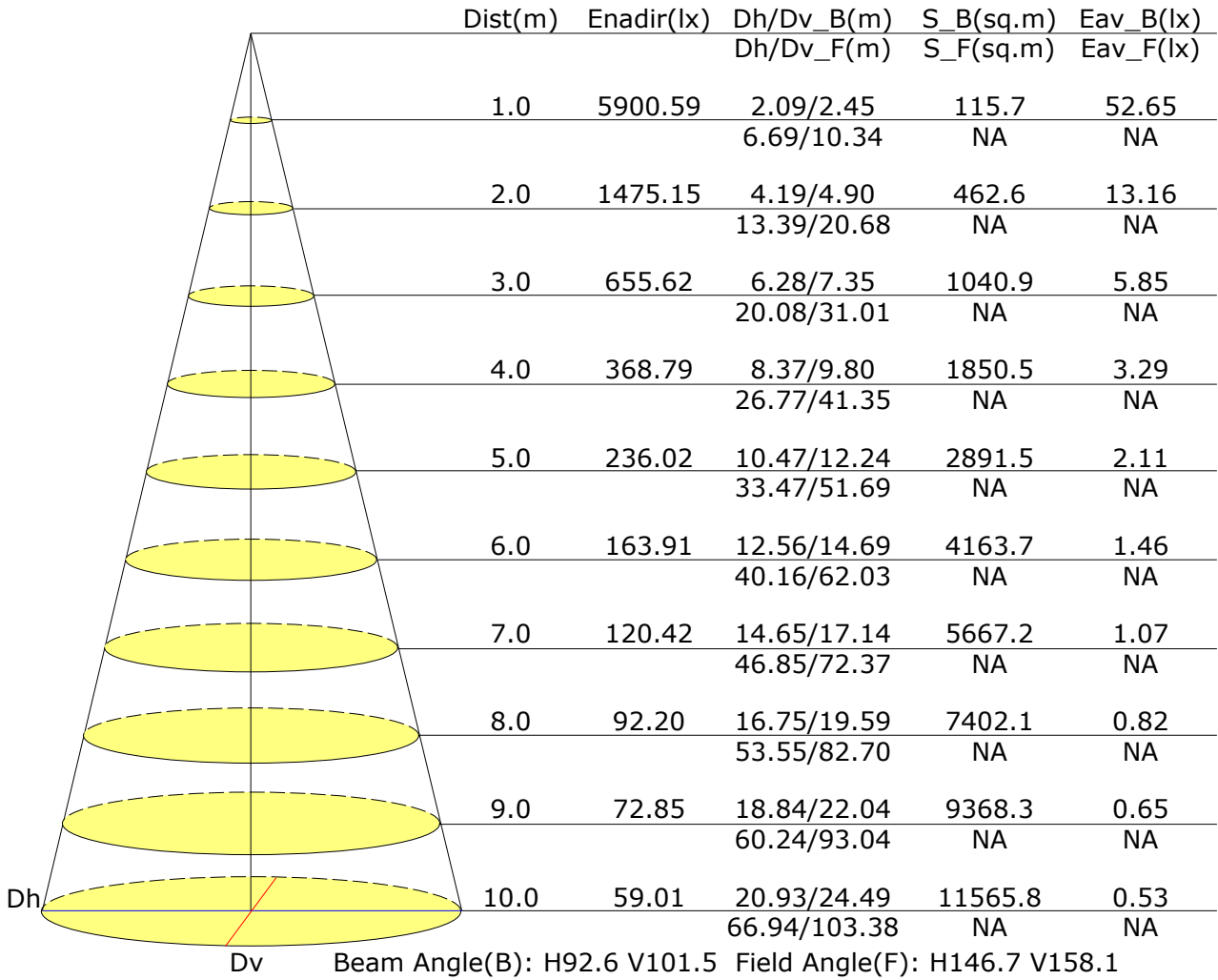
Efficiency(%)



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 '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



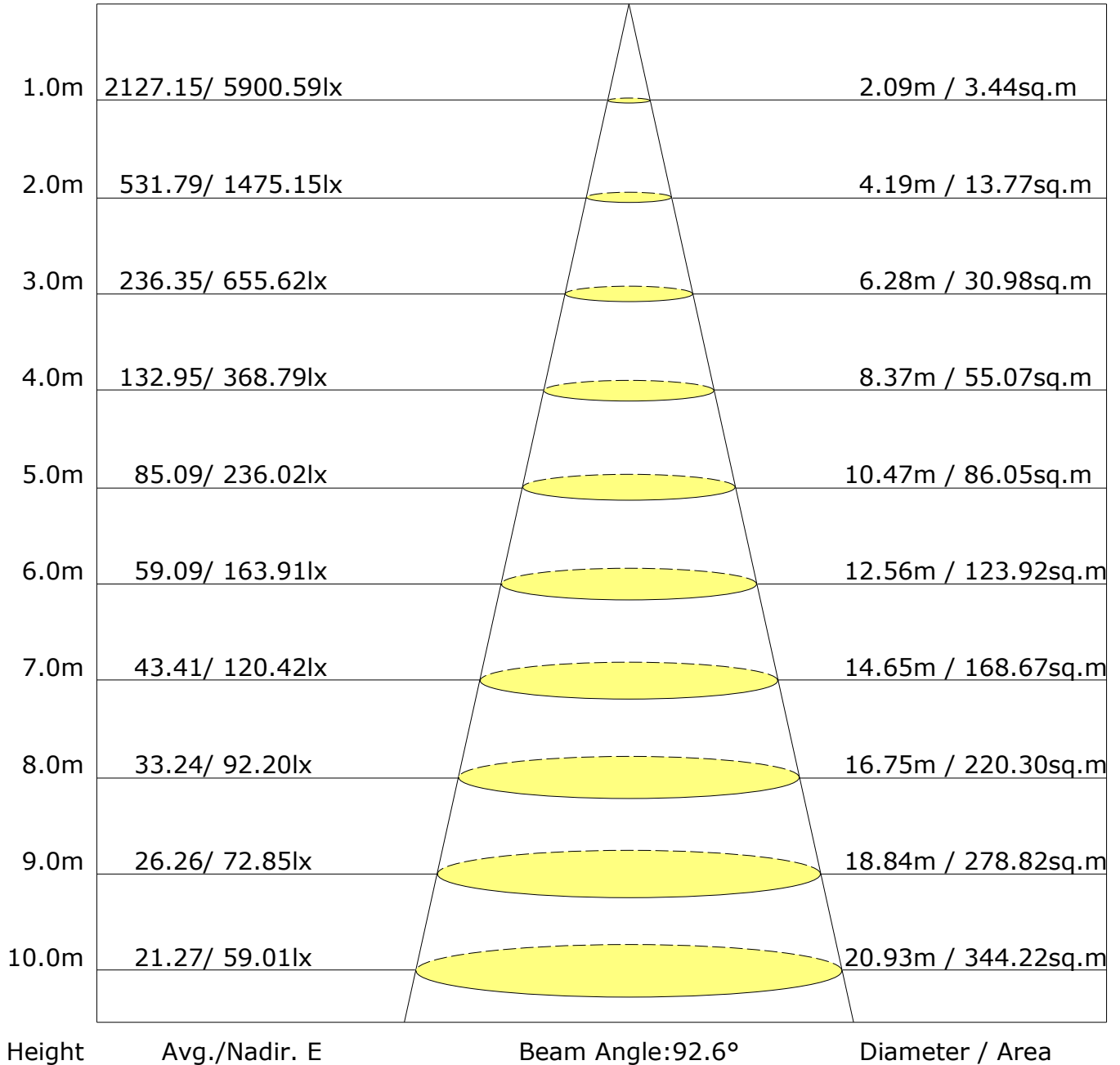
C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 'C  
 Operator:

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

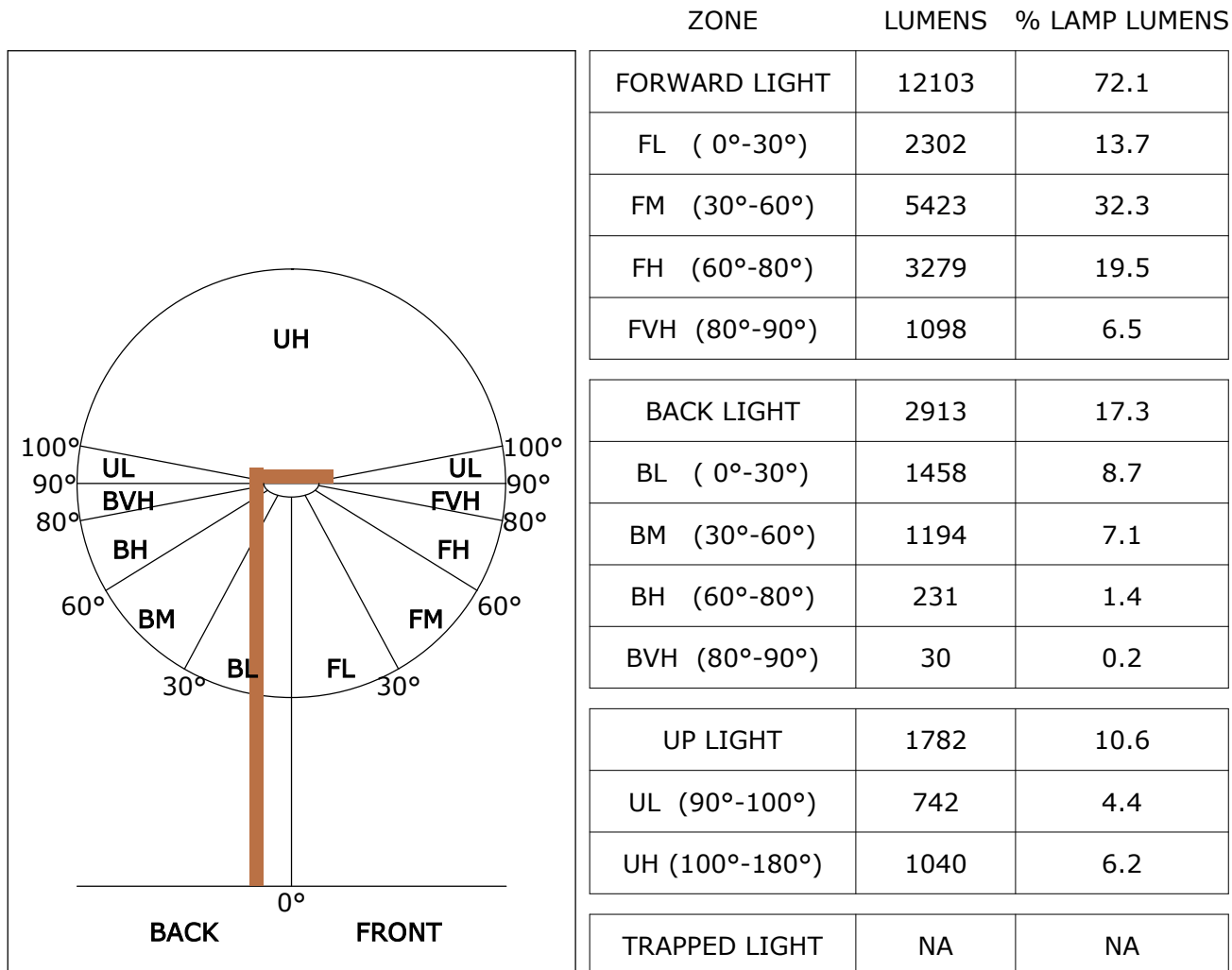
Flux Out: 7322.02lm



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 '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**



<b>BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07</b>	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U5 G5
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U5 G5

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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 FluxS [%]	Sum Rel Zonal Flux [%]
0.0-1.0	5888.7	5.6	5.6	0.03	0.03
1.0-2.0	5865.5	16.8	22.5	0.10	0.13
2.0-3.0	5855.3	28.0	50.5	0.17	0.30
3.0-4.0	5835.1	39.1	89.5	0.23	0.53
4.0-5.0	5778.7	49.7	139.3	0.30	0.83
5.0-6.0	5713.1	60.0	199.3	0.36	1.19
6.0-7.0	5646.7	70.1	269.4	0.42	1.60
7.0-8.0	5573.2	79.8	349.2	0.47	2.08
8.0-9.0	5500.3	89.2	438.3	0.53	2.61
9.0-10.0	5430.3	98.3	536.6	0.59	3.19
10.0-11.0	5356.9	107.1	643.7	0.64	3.83
11.0-12.0	5274.3	115.3	759.0	0.69	4.52
12.0-13.0	5179.1	122.9	881.9	0.73	5.25
13.0-14.0	5084.4	130.2	1012.1	0.77	6.03
14.0-15.0	5004.9	137.4	1149.5	0.82	6.84
15.0-16.0	4923.4	144.3	1293.8	0.86	7.70
16.0-17.0	4813.6	149.9	1443.7	0.89	8.59
17.0-18.0	4699.5	155.0	1598.7	0.92	9.52
18.0-19.0	4604.3	160.2	1758.9	0.95	10.47
19.0-20.0	4507.9	165.0	1923.9	0.98	11.45
20.0-21.0	4400.6	169.0	2092.9	1.01	12.46
21.0-22.0	4284.9	172.2	2265.1	1.03	13.49
22.0-23.0	4181.1	175.5	2440.6	1.04	14.53
23.0-24.0	4095.1	179.1	2619.6	1.07	15.60
24.0-25.0	4013.4	182.5	2802.1	1.09	16.68
25.0-26.0	3933.2	185.7	2987.8	1.11	17.79
26.0-27.0	3856.2	188.7	3176.5	1.12	18.91
27.0-28.0	3782.1	191.5	3368.0	1.14	20.05
28.0-29.0	3711.5	194.2	3562.2	1.16	21.21
29.0-30.0	3652.0	197.2	3759.4	1.17	22.38
30.0-31.0	3604.8	200.6	3960.1	1.19	23.58
31.0-32.0	3560.9	204.0	4164.1	1.21	24.79
32.0-33.0	3513.1	207.0	4371.1	1.23	26.02
33.0-34.0	3465.6	209.8	4580.9	1.25	27.27
34.0-35.0	3425.1	212.7	4793.6	1.27	28.54
35.0-36.0	3386.3	215.6	5009.2	1.28	29.82

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

### Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxS [%]	Sum Rel Zonal Flux [%]
36.0-37.0	3343.8	218.1	5227.3	1.30	31.12
37.0-38.0	3297.3	220.1	5447.5	1.31	32.43
38.0-39.0	3247.0	221.7	5669.1	1.32	33.75
39.0-40.0	3205.9	223.6	5892.7	1.33	35.08
40.0-41.0	3160.6	225.1	6117.8	1.34	36.42
41.0-42.0	3098.8	225.2	6343.0	1.34	37.76
42.0-43.0	3050.9	226.0	6569.0	1.35	39.11
43.0-44.0	3013.7	227.5	6796.5	1.35	40.46
44.0-45.0	2961.2	227.6	7024.1	1.36	41.82
45.0-46.0	2908.6	227.5	7251.6	1.35	43.17
46.0-47.0	2866.5	228.0	7479.6	1.36	44.53
47.0-48.0	2820.4	228.0	7707.7	1.36	45.89
48.0-49.0	2769.4	227.5	7935.1	1.35	47.24
49.0-50.0	2721.8	227.0	8162.1	1.35	48.59
50.0-51.0	2672.4	226.1	8388.2	1.35	49.94
51.0-52.0	2623.2	225.1	8613.3	1.34	51.28
52.0-53.0	2580.0	224.5	8837.8	1.34	52.61
53.0-54.0	2540.1	223.9	9061.7	1.33	53.95
54.0-55.0	2497.5	223.0	9284.7	1.33	55.28
55.0-56.0	2451.4	221.5	9506.2	1.32	56.59
56.0-57.0	2407.3	220.1	9726.4	1.31	57.90
57.0-58.0	2366.4	218.9	9945.2	1.30	59.21
58.0-59.0	2322.5	217.2	10162.4	1.29	60.50
59.0-60.0	2271.0	214.6	10377.0	1.28	61.78
60.0-61.0	2220.8	212.0	10588.9	1.26	63.04
61.0-62.0	2171.9	209.3	10798.2	1.25	64.29
62.0-63.0	2117.3	206.0	11004.2	1.23	65.51
63.0-64.0	2059.7	202.1	11206.3	1.20	66.72
64.0-65.0	2003.9	198.3	11404.7	1.18	67.90
65.0-66.0	1947.0	194.3	11599.0	1.16	69.05
66.0-67.0	1890.5	190.1	11789.1	1.13	70.19
67.0-68.0	1834.9	185.9	11975.0	1.11	71.29
68.0-69.0	1779.3	181.5	12156.5	1.08	72.37
69.0-70.0	1725.2	177.2	12333.7	1.05	73.43
70.0-71.0	1675.0	173.1	12506.9	1.03	74.46
71.0-72.0	1628.8	169.4	12676.2	1.01	75.47

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 Test Device: GPM-3000  
 Distance: 14.140 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	1584.2	165.7	12841.9	0.99	76.45
73.0-74.0	1539.2	161.8	13003.8	0.96	77.42
74.0-75.0	1491.0	157.6	13161.3	0.94	78.35
75.0-76.0	1444.7	153.4	13314.7	0.91	79.27
76.0-77.0	1401.2	149.4	13464.1	0.89	80.16
77.0-78.0	1357.0	145.3	13609.4	0.86	81.02
78.0-79.0	1312.8	141.1	13750.5	0.84	81.86
79.0-80.0	1268.4	136.8	13887.2	0.81	82.68
80.0-81.0	1224.3	132.4	14019.7	0.79	83.46
81.0-82.0	1179.8	128.0	14147.6	0.76	84.23
82.0-83.0	1136.5	123.6	14271.2	0.74	84.96
83.0-84.0	1095.2	119.3	14390.5	0.71	85.67
84.0-85.0	1054.0	115.1	14505.6	0.68	86.36
85.0-86.0	1012.7	110.7	14616.3	0.66	87.02
86.0-87.0	970.4	106.2	14722.5	0.63	87.65
87.0-88.0	928.6	101.7	14824.2	0.61	88.25
88.0-89.0	889.3	97.5	14921.7	0.58	88.83
89.0-90.0	851.0	93.3	15015.0	0.56	89.39
90.0-91.0	814.5	89.3	15104.3	0.53	89.92
91.0-92.0	780.8	85.6	15189.9	0.51	90.43
92.0-93.0	748.1	82.0	15271.9	0.49	90.92
93.0-94.0	717.2	78.5	15350.4	0.47	91.39
94.0-95.0	687.3	75.1	15425.5	0.45	91.83
95.0-96.0	658.8	71.9	15497.4	0.43	92.26
96.0-97.0	633.4	69.0	15566.5	0.41	92.67
97.0-98.0	608.9	66.2	15632.7	0.39	93.07
98.0-99.0	584.6	63.4	15696.1	0.38	93.44
99.0-100.0	561.6	60.7	15756.8	0.36	93.81
100.0-101.0	540.1	58.2	15815.0	0.35	94.15
101.0-102.0	519.4	55.8	15870.8	0.33	94.49
102.0-103.0	500.1	53.5	15924.4	0.32	94.80
103.0-104.0	481.6	51.4	15975.7	0.31	95.11
104.0-105.0	463.3	49.2	16024.9	0.29	95.40
105.0-106.0	444.9	47.0	16071.9	0.28	95.68
106.0-107.0	427.5	44.9	16116.9	0.27	95.95
107.0-108.0	412.3	43.1	16160.0	0.26	96.21

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

### Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxS [%]	Sum Rel Zonal Flux [%]
108.0-109.0	396.0	41.2	16201.2	0.25	96.45
109.0-110.0	378.3	39.1	16240.3	0.23	96.69
110.0-111.0	361.2	37.1	16277.4	0.22	96.91
111.0-112.0	343.6	35.1	16312.5	0.21	97.11
112.0-113.0	326.1	33.0	16345.5	0.20	97.31
113.0-114.0	309.2	31.1	16376.6	0.19	97.50
114.0-115.0	293.2	29.3	16405.8	0.17	97.67
115.0-116.0	279.0	27.6	16433.5	0.16	97.84
116.0-117.0	264.5	26.0	16459.4	0.15	97.99
117.0-118.0	250.2	24.3	16483.8	0.14	98.13
118.0-119.0	236.9	22.8	16506.6	0.14	98.27
119.0-120.0	223.6	21.3	16527.9	0.13	98.40
120.0-121.0	211.9	20.0	16548.0	0.12	98.52
121.0-122.0	201.0	18.8	16566.8	0.11	98.63
122.0-123.0	188.7	17.4	16584.2	0.10	98.73
123.0-124.0	177.0	16.2	16600.4	0.10	98.83
124.0-125.0	165.8	15.0	16615.4	0.09	98.92
125.0-126.0	156.1	13.9	16629.3	0.08	99.00
126.0-127.0	146.4	12.9	16642.2	0.08	99.08
127.0-128.0	136.0	11.8	16654.0	0.07	99.15
128.0-129.0	127.7	11.0	16665.0	0.07	99.21
129.0-130.0	120.1	10.2	16675.2	0.06	99.27
130.0-131.0	112.1	9.4	16684.5	0.06	99.33
131.0-132.0	104.9	8.6	16693.1	0.05	99.38
132.0-133.0	99.0	8.0	16701.1	0.05	99.43
133.0-134.0	93.4	7.4	16708.6	0.04	99.47
134.0-135.0	87.8	6.9	16715.4	0.04	99.51
135.0-136.0	82.9	6.4	16721.8	0.04	99.55
136.0-137.0	78.4	5.9	16727.7	0.04	99.59
137.0-138.0	74.1	5.5	16733.2	0.03	99.62
138.0-139.0	70.8	5.1	16738.4	0.03	99.65
139.0-140.0	67.6	4.8	16743.2	0.03	99.68
140.0-141.0	63.8	4.5	16747.6	0.03	99.71
141.0-142.0	60.2	4.1	16751.7	0.02	99.73
142.0-143.0	56.3	3.8	16755.5	0.02	99.75
143.0-144.0	52.4	3.4	16758.9	0.02	99.77

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 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	49.7	3.2	16762.1	0.02	99.79
145.0-146.0	48.1	3.0	16765.1	0.02	99.81
146.0-147.0	45.2	2.7	16767.8	0.02	99.83
147.0-148.0	42.2	2.5	16770.3	0.01	99.84
148.0-149.0	39.5	2.3	16772.6	0.01	99.85
149.0-150.0	37.9	2.1	16774.7	0.01	99.87
150.0-151.0	36.0	1.9	16776.6	0.01	99.88
151.0-152.0	34.0	1.8	16778.4	0.01	99.89
152.0-153.0	33.0	1.7	16780.1	0.01	99.90
153.0-154.0	31.5	1.5	16781.6	0.01	99.91
154.0-155.0	29.7	1.4	16783.0	0.01	99.92
155.0-156.0	29.1	1.3	16784.3	0.01	99.92
156.0-157.0	28.7	1.3	16785.6	0.01	99.93
157.0-158.0	27.2	1.1	16786.7	0.01	99.94
158.0-159.0	26.2	1.1	16787.8	0.01	99.94
159.0-160.0	25.3	1.0	16788.7	0.01	99.95
160.0-161.0	24.1	0.9	16789.6	0.01	99.96
161.0-162.0	23.8	0.8	16790.5	0.00	99.96
162.0-163.0	23.4	0.8	16791.2	0.00	99.97
163.0-164.0	23.4	0.7	16792.0	0.00	99.97
164.0-165.0	23.2	0.7	16792.6	0.00	99.97
165.0-166.0	21.7	0.6	16793.2	0.00	99.98
166.0-167.0	21.2	0.5	16793.8	0.00	99.98
167.0-168.0	21.1	0.5	16794.3	0.00	99.98
168.0-169.0	21.3	0.5	16794.7	0.00	99.99
169.0-170.0	21.5	0.4	16795.2	0.00	99.99
170.0-171.0	20.0	0.4	16795.5	0.00	99.99
171.0-172.0	19.9	0.3	16795.9	0.00	99.99
172.0-173.0	20.6	0.3	16796.2	0.00	99.99
173.0-174.0	20.3	0.3	16796.4	0.00	100.00
174.0-175.0	20.4	0.2	16796.6	0.00	100.00
175.0-176.0	20.4	0.2	16796.8	0.00	100.00
176.0-177.0	20.3	0.1	16796.9	0.00	100.00
177.0-178.0	20.4	0.1	16797.0	0.00	100.00
178.0-179.0	20.3	0.1	16797.1	0.00	100.00
179.0-180.0	20.6	0.0	16797.1	0.00	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 °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°): 7024.13 lm

%lum = 41.8%

%lamp = 41.8%

cone flux(120°): 10376.96 lm

%lum = 61.8%

%lamp = 61.8%



### 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	5900.6	5900.6	5900.6	5900.6	5900.6	5900.6	5900.6	5900.6	5900.6	5900.6
G1.0	5884.5	5968.4	6028.1	6046.2	6059.2	6036.0	6006.7	5963.5	5876.5	5774.8
G2.0	5884.5	6021.9	6063.3	6092.7	6121.1	6082.6	6018.2	5991.0	5895.8	5717.0
G3.0	5924.1	6076.5	6139.4	6165.1	6193.4	6149.0	6106.2	6014.4	5908.9	5686.5
G4.0	5908.9	6077.2	6217.7	6166.9	6157.1	6133.8	6148.7	6055.9	5889.3	5636.7
G5.0	5901.3	6096.8	6214.1	6086.2	6025.4	6036.5	6153.5	6065.3	5900.8	5591.7
G6.0	5937.0	6157.7	6144.1	6002.7	5953.3	5954.0	6073.0	6115.4	5896.7	5550.3
G7.0	5898.1	6187.1	6027.5	5986.1	5931.5	5925.1	5993.0	6118.1	5858.8	5491.1
G8.0	5877.4	6150.2	5999.0	5941.0	5808.3	5881.1	5937.6	6094.1	5871.6	5423.3
G9.0	5894.0	6150.6	5983.5	5796.3	5742.7	5776.8	5928.0	6100.9	5850.2	5359.8
G10.0	5856.0	6144.8	5941.7	5761.8	5780.3	5755.8	5882.6	6071.8	5796.5	5254.0
G11.0	5819.4	6060.1	5832.7	5815.2	5816.6	5793.5	5781.3	5984.3	5784.5	5143.2
G12.0	5818.5	5932.0	5753.0	5851.3	5676.8	5822.1	5728.9	5894.9	5745.4	5054.7
G13.0	5754.4	5886.5	5750.1	5690.8	5614.8	5667.0	5716.5	5831.5	5682.1	4957.4
G14.0	5683.3	5812.1	5760.9	5639.5	5735.7	5612.9	5723.4	5765.4	5626.9	4868.2
G15.0	5644.7	5726.6	5775.1	5755.5	5703.5	5696.0	5726.8	5710.9	5566.0	4765.6
G16.0	5586.9	5717.9	5697.9	5814.0	5547.8	5738.5	5646.8	5674.2	5500.5	4676.4
G17.0	5528.5	5688.3	5587.8	5612.5	5493.1	5566.7	5553.0	5600.0	5437.9	4548.0
G18.0	5476.6	5616.0	5525.5	5502.6	5674.6	5494.0	5490.2	5538.8	5373.0	4431.8
G19.0	5416.8	5543.2	5537.3	5594.4	5574.6	5574.0	5493.2	5460.3	5297.4	4319.8
G20.0	5329.3	5465.4	5556.7	5607.2	5432.4	5587.7	5519.5	5381.3	5227.0	4222.9
G21.0	5267.0	5350.3	5516.2	5504.7	5486.8	5488.8	5477.1	5271.7	5163.8	4111.4
G22.0	5211.2	5257.4	5398.5	5380.4	5531.6	5355.9	5362.4	5197.3	5098.2	4000.8
G23.0	5124.7	5210.3	5280.9	5471.4	5532.6	5414.6	5246.4	5161.3	5033.8	3898.3
G24.0	5063.1	5201.2	5247.7	5539.7	5371.7	5507.8	5230.6	5125.8	4966.0	3759.3
G25.0	4987.1	5134.1	5279.3	5473.5	5405.7	5462.4	5252.2	5083.1	4870.4	3651.6
G26.0	4907.1	5109.3	5280.6	5335.5	5548.4	5334.4	5254.9	5035.6	4796.0	3536.5
G27.0	4852.6	5077.4	5178.2	5413.4	5544.6	5406.4	5115.4	4984.4	4719.9	3406.4
G28.0	4792.1	5007.9	5049.5	5498.8	5503.2	5495.4	5006.8	4913.1	4631.6	3276.2
G29.0	4707.1	4890.2	5026.3	5477.5	5673.5	5464.6	4980.7	4818.7	4552.8	3138.6
G30.0	4632.5	4823.6	5068.7	5469.9	5825.1	5439.9	5014.4	4743.9	4461.4	3006.4
G31.0	4549.8	4751.6	5073.2	5575.6	5878.9	5557.2	5037.0	4679.3	4377.8	2870.4
G32.0	4471.1	4697.3	4992.9	5689.5	5957.1	5698.0	4949.0	4615.9	4288.1	2756.1
G33.0	4396.8	4655.0	4899.9	5764.4	6044.0	5749.4	4874.4	4558.3	4215.2	2625.7
G34.0	4304.9	4624.7	4921.1	5745.8	6168.6	5739.2	4871.4	4491.5	4120.4	2496.8
G35.0	4215.6	4568.8	4972.5	5814.7	6197.0	5826.4	4943.7	4427.1	4033.2	2373.4
G36.0	4128.7	4507.7	4991.5	5887.8	6206.2	5893.2	4954.4	4357.8	3953.0	2246.0

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 °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	4053.7	4440.0	4936.4	5941.9	6302.3	5957.2	4899.6	4310.1	3858.5	2138.0
G38.0	3946.3	4351.2	4913.2	5976.0	6375.5	5957.9	4869.1	4234.3	3768.6	2013.1
G39.0	3858.3	4271.2	4918.6	6009.7	6245.4	6041.0	4882.6	4139.3	3676.1	1899.3
G40.0	3749.5	4204.9	4958.8	6056.8	6459.3	6040.8	4931.8	4072.8	3557.9	1781.2
G41.0	3632.2	4138.8	4937.1	6014.8	6452.0	6020.8	4894.6	3987.2	3448.7	1676.3
G42.0	3520.6	4071.0	4908.4	6021.8	6283.3	6022.9	4848.1	3916.8	3344.3	1570.5
G43.0	3408.4	4002.5	4884.8	6024.0	6509.7	6036.7	4867.1	3864.0	3246.8	1470.7
G44.0	3301.3	3936.9	4934.4	6056.1	6452.0	6019.0	4907.3	3813.3	3128.3	1375.3
G45.0	3187.9	3868.2	4865.4	6021.6	6431.1	6009.1	4817.7	3734.6	3010.8	1282.3
G46.0	3089.0	3770.2	4831.3	6005.2	6547.6	6002.0	4803.5	3636.4	2898.1	1197.6
G47.0	2993.8	3681.0	4860.1	6071.3	6430.9	6042.5	4836.7	3551.3	2792.8	1119.2
G48.0	2889.1	3607.3	4809.1	6049.8	6427.3	6023.1	4756.6	3467.9	2687.2	1044.7
G49.0	2791.9	3553.8	4708.0	6033.2	6408.5	6015.2	4668.9	3417.7	2582.8	969.7
G50.0	2701.7	3489.0	4641.5	6034.3	6367.9	6020.1	4611.2	3360.8	2491.7	912.4
G51.0	2601.7	3409.8	4545.1	6007.0	6326.9	5998.2	4506.5	3256.2	2402.5	860.2
G52.0	2516.6	3309.9	4498.6	5972.9	6318.0	5960.6	4459.4	3167.8	2320.0	818.6
G53.0	2416.3	3244.8	4439.0	5944.2	6294.2	5936.6	4410.7	3099.9	2236.0	774.0
G54.0	2328.9	3215.7	4391.6	5912.1	6242.7	5900.2	4358.8	3073.0	2147.7	737.2
G55.0	2230.9	3111.3	4361.1	5876.4	6167.9	5851.9	4311.0	2985.2	2066.7	702.6
G56.0	2142.6	3024.4	4337.7	5829.3	6071.5	5807.8	4292.9	2879.6	1991.1	676.9
G57.0	2059.2	2976.6	4314.7	5759.9	5992.3	5736.5	4264.6	2798.2	1909.7	636.6
G58.0	1977.7	2937.9	4290.0	5689.9	5928.2	5650.7	4230.1	2789.9	1835.6	608.8
G59.0	1892.7	2819.2	4249.2	5624.9	5852.7	5580.5	4191.4	2707.5	1744.6	576.1
G60.0	1797.2	2736.6	4196.1	5546.8	5784.8	5497.9	4140.7	2590.1	1653.0	546.9
G61.0	1693.1	2699.5	4137.9	5450.1	5715.3	5408.0	4084.0	2544.4	1576.9	514.2
G62.0	1608.7	2617.6	4082.8	5368.7	5611.2	5321.1	4031.8	2505.2	1489.0	479.4
G63.0	1527.0	2499.9	4019.0	5287.0	5506.1	5231.7	3962.5	2379.9	1411.1	454.4
G64.0	1433.4	2429.7	3955.5	5179.6	5388.9	5140.6	3886.9	2298.9	1322.1	425.0
G65.0	1341.4	2352.0	3878.1	5087.6	5266.9	5053.9	3814.1	2244.7	1232.6	399.8
G66.0	1247.2	2221.7	3804.8	4990.4	5213.7	4953.2	3742.1	2122.4	1139.5	381.6
G67.0	1154.0	2140.3	3728.3	4910.4	5172.5	4862.6	3665.7	2009.3	1046.2	353.3
G68.0	1050.0	2060.8	3643.6	4835.9	5060.7	4792.0	3581.0	1921.5	951.6	325.6
G69.0	953.4	1994.2	3569.2	4754.9	4953.0	4705.5	3496.5	1856.5	866.5	303.3
G70.0	865.6	1931.8	3492.2	4647.0	4856.6	4606.2	3409.0	1788.8	790.6	272.3
G71.0	787.9	1867.2	3411.8	4559.7	4792.8	4517.2	3328.7	1726.7	712.4	254.4
G72.0	714.1	1796.7	3328.8	4470.8	4740.1	4426.6	3251.2	1667.2	643.9	232.7
G73.0	646.5	1726.1	3258.4	4396.4	4667.3	4353.5	3176.9	1604.1	588.3	215.2

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 °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	582.5	1647.5	3177.8	4309.8	4566.1	4267.5	3098.3	1539.2	525.9	197.9
G75.0	526.4	1571.7	3091.6	4213.5	4465.9	4177.0	3007.3	1470.6	468.5	176.8
G76.0	473.8	1504.8	3010.4	4122.2	4361.8	4085.3	2927.5	1410.4	421.8	163.8
G77.0	423.8	1439.7	2927.5	4025.9	4276.2	3978.2	2835.7	1353.5	379.4	151.8
G78.0	380.4	1379.9	2833.8	3918.5	4186.1	3886.9	2750.7	1283.8	344.3	136.7
G79.0	345.9	1315.7	2739.3	3822.9	4079.1	3789.6	2669.3	1224.4	309.1	121.9
G80.0	304.0	1255.6	2654.4	3726.4	3971.5	3685.0	2573.7	1165.1	265.9	109.4
G81.0	267.9	1174.9	2564.6	3615.8	3878.8	3584.3	2484.6	1108.0	237.5	104.6
G82.0	235.7	1116.0	2469.3	3511.5	3763.2	3466.3	2394.9	1047.7	213.4	92.6
G83.0	206.5	1061.1	2386.0	3399.8	3653.6	3364.5	2307.1	996.3	192.3	92.1
G84.0	179.1	1000.9	2305.0	3301.3	3543.2	3262.8	2220.7	943.9	166.1	80.1
G85.0	159.6	948.8	2213.9	3193.4	3426.2	3153.3	2138.8	887.5	146.2	76.9
G86.0	143.7	893.2	2129.7	3080.8	3297.2	3051.1	2045.8	842.5	130.2	73.7
G87.0	129.9	841.3	2036.4	2959.6	3179.1	2919.0	1960.3	792.3	115.4	71.0
G88.0	112.9	795.2	1951.6	2840.3	3060.7	2804.4	1876.5	749.9	103.9	69.4
G89.0	100.0	750.6	1869.5	2724.9	2952.7	2692.6	1795.2	707.0	98.7	61.4
G90.0	95.0	708.5	1787.1	2617.3	2832.8	2574.6	1715.1	666.6	97.3	57.3
G91.0	89.7	669.1	1711.7	2512.7	2724.2	2470.9	1634.0	631.4	88.1	61.4
G92.0	88.3	630.2	1640.3	2409.5	2626.0	2371.6	1565.1	603.4	84.2	57.3
G93.0	83.7	600.2	1568.6	2309.7	2509.6	2275.3	1494.3	576.8	88.3	54.6
G94.0	92.0	577.5	1496.4	2218.4	2409.9	2175.7	1427.7	545.8	85.3	55.5
G95.0	90.1	546.3	1434.8	2121.9	2306.8	2084.8	1360.9	520.8	77.7	52.3
G96.0	85.3	522.1	1379.9	2048.1	2221.4	2007.6	1306.7	495.4	81.2	43.2
G97.0	85.6	495.5	1320.8	1970.3	2138.5	1931.7	1254.6	470.4	78.7	48.5
G98.0	86.9	471.0	1265.5	1894.6	2051.0	1862.2	1199.8	447.7	79.3	41.6
G99.0	84.2	451.1	1210.4	1817.0	1977.9	1779.6	1150.8	424.5	78.6	44.6
G100.0	89.2	425.9	1162.8	1751.9	1907.1	1714.8	1102.4	401.8	74.7	47.1
G101.0	84.9	407.2	1111.5	1691.6	1828.7	1650.5	1062.8	387.5	78.0	40.1
G102.0	85.5	388.8	1069.4	1630.1	1765.1	1587.6	1018.7	366.7	80.7	43.5
G103.0	86.2	370.8	1029.8	1570.0	1703.1	1530.4	980.5	350.2	74.1	34.3
G104.0	85.5	350.2	990.6	1507.9	1644.3	1471.7	934.8	333.2	79.4	32.3
G105.0	85.6	336.7	946.1	1456.7	1578.9	1418.9	894.9	310.0	78.4	38.7
G106.0	84.2	315.5	902.3	1400.8	1531.2	1366.7	850.4	296.4	74.0	28.9
G107.0	84.4	301.5	860.1	1354.4	1479.2	1319.8	813.5	281.1	72.4	28.5
G108.0	86.3	286.5	821.3	1304.4	1434.4	1268.6	779.7	267.3	77.3	35.0
G109.0	79.3	265.9	784.5	1259.3	1380.2	1223.2	741.3	251.3	71.3	29.1
G110.0	81.6	253.0	740.1	1203.9	1314.8	1169.2	709.5	238.4	72.0	29.8

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 °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	79.8	240.3	707.6	1159.4	1221.2	1126.5	669.0	226.9	71.0	31.8
G112.0	82.8	228.2	666.7	1113.9	1132.0	1081.4	635.9	210.9	66.4	26.2
G113.0	74.7	211.4	634.0	1066.1	1058.7	1032.7	601.8	201.7	67.4	26.0
G114.0	77.1	198.6	602.0	1021.5	992.9	987.9	571.9	188.4	48.8	26.8
G115.0	71.5	188.1	564.5	973.4	928.3	942.0	534.8	178.5	61.0	26.4
G116.0	68.1	180.0	535.3	923.9	872.4	900.8	506.5	171.7	55.0	28.0
G117.0	64.4	169.3	499.3	876.3	826.2	852.6	473.1	164.0	63.0	12.3
G118.0	67.2	161.3	471.3	833.0	779.8	801.8	442.2	155.1	59.4	17.8
G119.0	61.6	153.8	441.2	789.2	738.2	759.3	417.3	144.6	57.0	24.6
G120.0	56.3	140.1	411.4	739.0	703.5	715.1	395.4	139.5	53.3	16.8
G121.0	56.3	139.9	390.7	696.2	667.6	673.5	370.7	135.6	52.0	24.3
G122.0	54.3	129.9	364.5	649.5	631.5	632.1	351.9	126.4	53.8	24.3
G123.0	56.1	124.2	345.3	603.0	589.6	583.6	328.6	121.6	52.9	17.3
G124.0	44.8	118.8	318.7	561.5	554.7	548.3	308.7	113.8	51.7	17.3
G125.0	43.0	114.7	301.1	517.4	516.4	507.8	293.3	109.4	42.6	19.8
G126.0	49.4	110.4	286.2	480.3	483.5	472.7	275.5	105.1	43.9	22.7
G127.0	37.0	105.1	264.9	439.9	452.5	435.1	257.9	97.3	41.6	16.8
G128.0	32.6	97.9	251.0	409.0	416.5	404.5	240.1	91.1	42.6	20.7
G129.0	41.9	94.9	238.8	373.5	392.3	369.5	222.5	90.4	40.2	20.3
G130.0	43.2	88.1	221.8	343.7	368.1	348.6	216.1	86.3	39.8	21.6
G131.0	39.6	84.7	207.6	311.6	337.4	314.7	199.1	80.3	31.0	20.7
G132.0	40.9	75.1	194.5	290.8	313.4	293.6	187.5	76.2	36.6	20.2
G133.0	40.7	75.5	185.3	269.4	292.4	271.2	174.5	75.5	40.5	13.2
G134.0	35.4	60.7	173.3	250.8	274.6	258.5	167.6	69.8	40.9	16.8
G135.0	38.0	59.8	163.8	234.5	259.4	236.6	154.8	65.0	38.6	12.0
G136.0	29.5	64.2	153.9	219.8	236.4	224.4	150.0	68.2	37.5	0.0
G137.0	35.2	59.4	139.5	201.7	228.7	206.7	138.4	57.1	34.7	19.3
G138.0	25.7	55.3	133.2	187.8	216.2	195.4	130.1	56.9	35.6	17.8
G139.0	31.5	47.5	124.6	176.3	199.0	182.4	126.4	56.4	34.3	19.3
G140.0	32.4	53.2	120.7	164.0	190.4	169.4	115.2	48.4	32.6	12.0
G141.0	26.4	49.4	116.0	153.0	172.9	155.5	106.1	58.3	29.4	19.8
G142.0	29.5	44.4	103.1	145.1	163.5	145.6	102.7	43.8	24.2	18.2
G143.0	27.4	47.3	97.3	133.3	151.2	132.0	93.5	42.9	27.8	14.5
G144.0	22.5	26.9	92.1	124.3	141.3	117.9	86.2	49.5	28.7	16.9
G145.0	25.1	33.0	88.9	116.4	129.0	115.2	76.6	41.1	24.8	16.6
G146.0	23.0	38.9	77.6	107.7	123.7	109.4	76.4	41.5	27.8	13.0
G147.0	22.7	35.5	73.8	96.7	112.9	97.1	66.5	39.5	26.0	12.3

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 '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	22.5	37.6	57.1	89.8	102.1	86.0	64.0	38.3	23.5	17.3
G149.0	21.8	34.4	65.0	77.6	93.9	83.3	60.6	22.9	20.7	15.2
G150.0	18.9	33.0	61.6	73.6	87.1	77.7	51.4	36.2	25.8	17.8
G151.0	20.9	23.9	54.9	66.4	75.9	62.2	53.5	31.4	19.3	18.4
G152.0	18.4	23.0	43.1	66.6	73.7	68.4	49.8	32.3	20.9	18.4
G153.0	17.7	26.4	51.4	64.1	69.2	65.0	41.8	28.7	25.8	13.0
G154.0	19.1	21.1	50.8	57.9	71.2	55.0	41.9	27.3	24.1	14.5
G155.0	13.6	18.6	41.3	49.8	62.1	52.3	40.9	26.6	16.1	17.1
G156.0	14.9	22.1	43.5	54.5	55.6	50.2	40.9	26.2	21.4	15.3
G157.0	17.2	18.2	39.5	45.3	56.0	48.0	36.3	23.9	18.6	15.2
G158.0	18.6	18.4	36.1	41.9	45.7	44.1	32.0	23.0	20.7	18.4
G159.0	16.3	19.6	33.8	42.0	41.0	44.4	32.5	20.7	18.0	17.7
G160.0	16.6	19.1	26.9	40.4	41.2	40.8	27.5	21.8	19.1	19.8
G161.0	16.6	16.9	26.4	37.2	46.6	22.8	29.0	22.7	20.9	15.9
G162.0	15.0	16.9	27.7	36.3	45.3	31.3	26.3	23.8	17.3	12.1
G163.0	17.0	17.3	23.5	33.6	37.9	31.0	22.6	22.2	18.0	17.3
G164.0	17.5	21.2	25.1	33.6	39.2	31.3	23.6	22.0	21.4	18.0
G165.0	10.6	18.7	23.0	29.9	30.2	26.5	23.6	22.0	21.6	24.3
G166.0	13.8	11.6	17.8	27.1	33.8	24.9	17.9	21.8	19.6	17.7
G167.0	18.6	17.1	21.0	22.6	31.8	24.9	16.4	21.5	21.8	16.1
G168.0	17.0	16.6	17.2	24.5	30.5	23.3	17.6	23.2	20.0	7.9
G169.0	17.7	21.6	18.3	23.8	28.2	21.5	18.8	19.3	19.5	19.4
G170.0	17.9	14.8	20.3	23.6	24.7	17.9	17.4	20.4	21.1	18.2
G171.0	16.6	15.7	17.8	21.3	17.9	19.7	17.2	19.3	20.9	21.2
G172.0	19.6	20.2	18.7	18.2	16.6	18.8	20.8	24.1	20.7	18.2
G173.0	18.8	20.5	20.3	20.0	19.2	18.3	16.7	23.2	23.5	19.8
G174.0	19.8	19.4	19.2	23.5	17.9	17.7	18.5	25.4	21.8	17.7
G175.0	18.6	13.7	22.1	19.8	22.8	22.8	16.7	20.9	17.7	18.6
G176.0	19.5	16.4	18.3	23.5	18.8	20.2	17.9	22.2	22.1	15.3
G177.0	22.8	13.0	19.8	21.8	22.9	19.2	16.0	23.4	20.3	17.7
G178.0	13.8	17.3	18.7	19.8	23.7	17.2	18.1	22.5	22.7	19.4
G179.0	14.5	18.7	21.2	19.5	20.2	20.4	18.5	20.4	22.5	18.7
G180.0	22.8	15.5	20.5	25.1	23.1	17.6	17.6	23.2	20.5	19.4

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 '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	5900.6	5900.6	5900.6	5900.6	5900.6	5900.6	5900.6			
G1.0	5742.4	5711.1	5715.8	5688.3	5722.0	5804.2	5884.5			
G2.0	5655.1	5603.1	5606.3	5582.6	5618.2	5715.9	5884.5			
G3.0	5587.8	5509.3	5499.1	5490.7	5565.0	5685.9	5924.1			
G4.0	5516.9	5340.6	5292.8	5351.2	5504.6	5624.8	5908.9			
G5.0	5391.4	5164.1	5128.2	5175.1	5387.0	5579.4	5901.3			
G6.0	5232.1	5059.7	4996.5	5060.8	5233.8	5556.2	5937.0			
G7.0	5134.1	4890.1	4818.3	4910.2	5108.5	5494.0	5898.1			
G8.0	5027.0	4722.6	4642.0	4741.6	5028.3	5426.3	5877.4			
G9.0	4891.8	4584.3	4504.3	4600.3	4899.1	5376.1	5894.0			
G10.0	4758.6	4456.2	4354.2	4472.1	4752.5	5291.7	5856.0			
G11.0	4642.8	4295.8	4176.1	4328.2	4633.6	5182.6	5819.4			
G12.0	4521.2	4116.1	3997.3	4151.4	4532.8	5091.1	5818.5			
G13.0	4394.8	3923.9	3776.6	3990.6	4403.9	5002.8	5754.4			
G14.0	4247.2	3713.2	3556.4	3762.9	4255.0	4893.1	5683.3			
G15.0	4086.0	3523.7	3342.9	3566.4	4107.7	4803.8	5644.7			
G16.0	3938.4	3328.9	3129.4	3374.9	3960.3	4715.2	5586.9			
G17.0	3766.0	3115.8	2912.1	3155.8	3802.7	4619.4	5528.5			
G18.0	3581.6	2908.2	2681.2	2956.5	3636.7	4508.7	5476.6			
G19.0	3407.4	2682.5	2448.2	2730.1	3462.7	4398.2	5416.8			
G20.0	3223.4	2471.0	2196.8	2515.3	3276.4	4298.8	5329.3			
G21.0	3043.7	2254.3	1981.5	2293.7	3111.3	4185.0	5267.0			
G22.0	2861.9	2054.2	1786.2	2089.3	2943.7	4079.7	5211.2			
G23.0	2696.0	1863.4	1616.6	1898.0	2761.7	3977.3	5124.7			
G24.0	2512.9	1677.2	1483.9	1723.4	2586.5	3858.7	5063.1			
G25.0	2341.8	1540.4	1374.0	1562.7	2416.9	3737.1	4987.1			
G26.0	2168.0	1424.9	1265.8	1447.5	2224.1	3621.5	4907.1			
G27.0	1999.7	1319.0	1183.1	1338.1	2052.8	3515.9	4852.6			
G28.0	1852.7	1230.1	1124.2	1246.4	1905.8	3384.9	4792.1			
G29.0	1714.6	1147.5	1061.4	1170.1	1759.7	3266.7	4707.1			
G30.0	1588.2	1086.8	1003.9	1098.8	1631.0	3120.3	4632.5			
G31.0	1479.9	1027.1	939.1	1040.4	1508.0	2993.5	4549.8			
G32.0	1373.6	972.6	889.0	985.9	1401.4	2873.0	4471.1			
G33.0	1272.9	915.6	840.6	932.0	1309.1	2754.6	4396.8			
G34.0	1197.6	868.4	796.9	880.1	1227.6	2636.7	4304.9			
G35.0	1117.2	818.6	733.3	828.6	1147.6	2494.6	4215.6			
G36.0	1056.3	770.0	684.4	776.9	1071.5	2362.4	4128.7			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 °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	995.5	709.0	644.7	715.4	1011.3	2239.3	4053.7			
G38.0	944.1	664.3	596.4	672.1	961.7	2117.2	3946.3			
G39.0	894.4	615.9	550.7	625.9	918.7	1996.9	3858.3			
G40.0	845.5	571.9	502.1	579.6	863.8	1868.0	3749.5			
G41.0	803.5	529.9	459.7	529.0	819.5	1751.6	3632.2			
G42.0	762.6	482.1	411.8	483.6	776.3	1641.1	3520.6			
G43.0	716.8	445.6	373.0	447.8	729.9	1534.3	3408.4			
G44.0	668.1	411.7	341.9	412.7	689.4	1427.4	3301.3			
G45.0	626.3	373.8	307.1	376.9	641.1	1330.1	3187.9			
G46.0	589.8	346.0	279.3	347.9	605.0	1240.7	3089.0			
G47.0	545.0	314.1	260.6	311.9	565.9	1160.1	2993.8			
G48.0	512.5	289.9	241.0	293.2	530.2	1086.0	2889.1			
G49.0	478.2	269.9	226.0	273.0	497.5	1012.6	2791.9			
G50.0	443.0	249.7	213.5	249.9	452.3	951.1	2701.7			
G51.0	411.0	230.0	207.0	235.0	429.0	900.2	2601.7			
G52.0	382.8	219.2	200.5	219.4	396.3	855.8	2516.6			
G53.0	357.3	207.1	196.3	203.8	369.7	812.1	2416.3			
G54.0	329.1	197.6	191.6	194.7	345.0	775.3	2328.9			
G55.0	301.7	184.2	185.5	183.8	315.1	744.3	2230.9			
G56.0	283.5	179.7	172.0	172.7	292.2	711.7	2142.6			
G57.0	264.7	165.3	168.2	164.6	276.2	681.7	2059.2			
G58.0	242.6	157.3	161.1	151.9	252.4	651.6	1977.7			
G59.0	226.8	148.8	150.5	148.3	233.4	618.8	1892.7			
G60.0	209.7	136.2	133.8	136.9	211.1	587.6	1797.2			
G61.0	191.9	127.2	128.6	129.9	198.7	559.2	1693.1			
G62.0	179.2	118.4	111.4	113.0	182.9	522.5	1608.7			
G63.0	166.1	107.5	94.7	108.9	166.9	488.1	1527.0			
G64.0	149.0	93.6	85.6	94.4	155.7	459.8	1433.4			
G65.0	138.4	83.7	79.8	81.7	138.4	433.4	1341.4			
G66.0	121.6	74.2	60.9	69.1	129.7	407.1	1247.2			
G67.0	112.2	59.7	43.3	60.5	115.9	381.1	1154.0			
G68.0	99.3	43.7	37.2	41.2	103.1	352.7	1050.0			
G69.0	89.6	34.8	13.2	31.9	86.6	327.9	953.4			
G70.0	82.8	12.6	14.3	14.7	83.0	302.0	865.6			
G71.0	75.8	9.2	14.6	8.1	77.5	285.7	787.9			
G72.0	61.8	11.0	13.0	11.5	64.0	257.7	714.1			
G73.0	51.5	9.6	13.7	9.0	50.6	235.9	646.5			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 °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	40.8	7.6	9.8	11.5	48.0	220.5	582.5			
G75.0	24.4	8.3	11.0	10.0	37.3	200.3	526.4			
G76.0	37.2	10.5	13.0	10.0	31.6	186.8	473.8			
G77.0	40.2	11.2	11.4	8.2	34.3	170.7	423.8			
G78.0	35.9	13.4	10.7	9.7	29.2	157.7	380.4			
G79.0	35.6	12.5	9.4	0.0	35.9	142.2	345.9			
G80.0	34.1	13.4	16.1	9.7	21.5	132.1	304.0			
G81.0	28.2	12.5	15.5	9.5	32.7	120.4	267.9			
G82.0	28.2	10.8	15.5	12.2	27.2	110.8	235.7			
G83.0	28.0	9.4	12.5	12.0	26.3	104.6	206.5			
G84.0	30.5	12.3	15.0	11.3	24.7	98.9	179.1			
G85.0	25.3	11.0	17.5	14.5	26.5	93.1	159.6			
G86.0	25.5	13.4	17.9	12.5	28.3	87.9	143.7			
G87.0	27.8	12.8	16.1	10.9	25.4	83.3	129.9			
G88.0	23.7	14.8	17.7	11.3	24.9	78.0	112.9			
G89.0	26.2	13.7	12.3	10.7	26.8	79.6	100.0			
G90.0	21.9	11.4	15.7	11.8	22.8	74.4	95.0			
G91.0	22.4	12.6	15.7	15.6	20.3	75.5	89.7			
G92.0	21.4	17.5	15.3	12.5	19.4	68.8	88.3			
G93.0	26.8	13.0	9.2	16.5	14.6	65.9	83.7			
G94.0	25.5	14.6	14.6	12.9	22.0	68.4	92.0			
G95.0	24.4	13.0	16.8	11.1	21.3	66.8	90.1			
G96.0	21.4	11.9	12.3	12.0	19.9	62.2	85.3			
G97.0	24.2	13.5	15.3	11.1	20.3	60.3	85.6			
G98.0	19.4	18.4	16.3	11.5	22.8	57.4	86.9			
G99.0	21.5	16.2	15.0	14.7	19.7	55.3	84.2			
G100.0	22.3	13.2	13.4	13.8	19.2	51.9	89.2			
G101.0	17.1	17.9	13.4	12.7	19.4	47.3	84.9			
G102.0	19.6	15.7	16.8	8.1	17.8	37.4	85.5			
G103.0	15.6	13.4	17.3	15.2	18.7	42.9	86.2			
G104.0	20.1	14.1	14.8	12.0	21.0	46.3	85.5			
G105.0	18.3	13.2	16.1	13.3	16.4	45.2	85.6			
G106.0	19.9	15.2	12.3	15.1	16.9	40.6	84.2			
G107.0	16.3	15.5	13.0	10.2	18.8	40.6	84.4			
G108.0	16.7	18.0	16.3	13.1	16.7	41.8	86.3			
G109.0	13.1	10.5	13.2	13.8	18.3	34.9	79.3			
G110.0	14.0	14.6	14.1	11.5	10.5	38.5	81.6			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 °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	19.9	15.0	14.8	12.0	16.0	32.3	79.8			
G112.0	13.6	15.2	16.6	10.0	16.5	34.7	82.8			
G113.0	18.7	13.5	16.3	14.3	14.0	31.2	74.7			
G114.0	14.4	11.5	16.4	10.9	15.6	27.1	77.1			
G115.0	12.6	17.1	17.2	12.7	17.9	25.9	71.5			
G116.0	18.3	16.4	17.0	17.0	15.8	30.7	68.1			
G117.0	16.9	13.9	15.9	17.9	13.5	29.3	64.4			
G118.0	14.9	17.1	18.8	16.3	15.6	27.1	67.2			
G119.0	17.1	17.5	14.3	12.0	11.0	24.8	61.6			
G120.0	14.4	14.4	18.6	10.6	14.8	27.3	56.3			
G121.0	16.2	13.9	20.4	10.9	15.8	26.9	56.3			
G122.0	15.1	15.9	20.1	12.0	12.8	25.9	54.3			
G123.0	18.0	13.5	19.7	13.8	11.7	18.3	56.1			
G124.0	17.2	16.6	18.4	14.5	17.1	25.4	44.8			
G125.0	13.1	13.0	16.6	12.9	14.9	23.2	43.0			
G126.0	13.1	17.1	17.3	16.3	15.5	27.3	49.4			
G127.0	10.8	15.7	16.8	14.3	13.3	28.7	37.0			
G128.0	14.2	13.9	18.2	16.8	10.8	24.8	32.6			
G129.0	12.0	12.1	19.0	16.7	13.7	24.5	41.9			
G130.0	14.2	13.9	11.6	14.7	11.0	17.4	43.2			
G131.0	14.7	13.9	16.1	15.2	16.7	25.4	39.6			
G132.0	12.0	15.9	17.7	14.9	16.0	23.0	40.9			
G133.0	16.3	14.6	17.9	16.7	12.4	24.5	40.7			
G134.0	16.3	16.6	17.0	12.0	16.2	21.6	35.4			
G135.0	12.0	18.9	16.8	16.8	13.2	20.7	38.0			
G136.0	15.1	19.1	20.1	18.1	16.5	19.5	29.5			
G137.0	16.7	14.1	19.9	14.3	13.0	18.3	35.2			
G138.0	14.7	14.4	19.9	13.8	14.9	21.6	25.7			
G139.0	17.6	18.0	21.5	18.8	15.8	22.9	31.5			
G140.0	20.1	20.6	18.4	15.6	17.9	19.9	32.4			
G141.0	19.0	15.9	17.7	19.5	11.4	20.9	26.4			
G142.0	20.5	18.8	22.4	16.3	14.0	21.6	29.5			
G143.0	17.4	12.3	20.4	16.7	14.0	19.7	27.4			
G144.0	16.2	17.5	21.3	14.0	14.0	18.6	22.5			
G145.0	18.9	17.1	24.0	18.8	13.9	24.1	25.1			
G146.0	18.7	20.9	23.7	19.0	15.1	19.3	23.0			
G147.0	11.7	21.5	22.6	21.7	19.7	12.1	22.7			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 '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	21.7	22.2	23.3	18.3	17.4	17.9	22.5			
G149.0	19.4	17.3	21.3	19.7	17.2	15.6	21.8			
G150.0	23.3	17.1	26.4	17.6	18.3	21.5	18.9			
G151.0	21.4	17.7	24.4	18.1	15.8	21.5	20.9			
G152.0	23.0	20.6	22.4	20.8	17.9	24.6	18.4			
G153.0	16.3	19.5	22.4	18.3	15.8	17.0	17.7			
G154.0	20.5	22.9	17.2	17.6	16.7	16.8	19.1			
G155.0	22.4	20.6	20.6	16.8	17.1	21.3	13.6			
G156.0	22.3	23.8	19.5	16.7	20.1	25.7	14.9			
G157.0	22.1	22.0	24.6	20.6	17.6	20.7	17.2			
G158.0	20.3	24.4	22.0	21.7	18.3	19.3	18.6			
G159.0	21.5	25.1	24.9	15.2	17.1	24.6	16.3			
G160.0	23.3	20.7	19.0	18.8	18.7	19.9	16.6			
G161.0	19.2	21.1	24.9	17.9	19.2	21.1	16.6			
G162.0	25.0	25.4	20.1	23.5	14.4	22.7	15.0			
G163.0	24.1	22.0	22.2	17.6	17.4	22.2	17.0			
G164.0	21.9	23.3	20.8	22.6	19.7	22.3	17.5			
G165.0	24.8	23.5	19.7	18.4	20.1	21.3	10.6			
G166.0	21.5	22.4	22.2	20.6	20.8	21.6	13.8			
G167.0	23.7	22.0	23.3	20.2	20.8	22.9	18.6			
G168.0	22.1	28.0	16.8	22.9	23.3	20.2	17.0			
G169.0	23.7	27.2	24.9	21.7	21.2	23.8	17.7			
G170.0	21.7	25.8	26.9	25.3	19.5	22.3	17.9			
G171.0	25.5	0.0	19.7	22.0	24.0	24.1	16.6			
G172.0	23.5	23.3	27.6	22.0	19.4	23.2	19.6			
G173.0	24.8	22.4	21.0	20.8	11.9	23.6	18.8			
G174.0	16.7	24.2	26.9	13.3	20.1	21.8	19.8			
G175.0	25.3	24.4	22.0	23.3	19.2	21.3	18.6			
G176.0	18.7	24.7	23.7	19.9	21.7	22.2	19.5			
G177.0	21.7	18.2	26.0	22.4	18.8	21.3	22.8			
G178.0	24.2	21.7	24.2	18.1	21.2	24.5	13.8			
G179.0	23.0	23.5	20.6	21.0	14.0	26.1	14.5			
G180.0	22.1	23.1	20.6	22.0	19.7	22.5	22.8			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25.1 'C  
 Operator:

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