

Report No.:

Test Time: 2023/6/28 21:11

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.668 A
Power Factor: 0.989

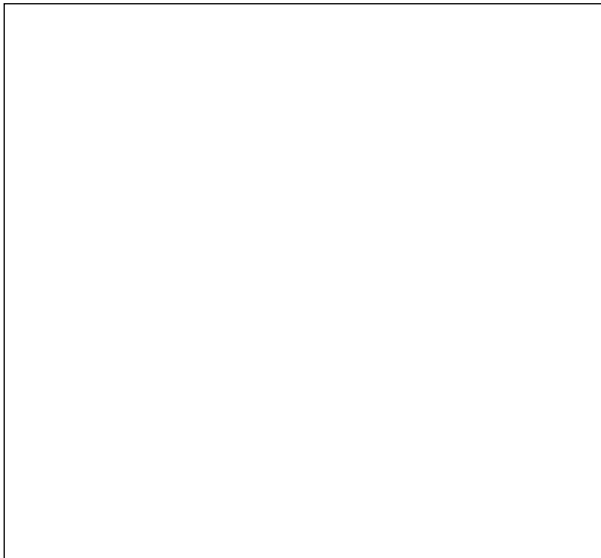
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 79.49 W

Photometric Results

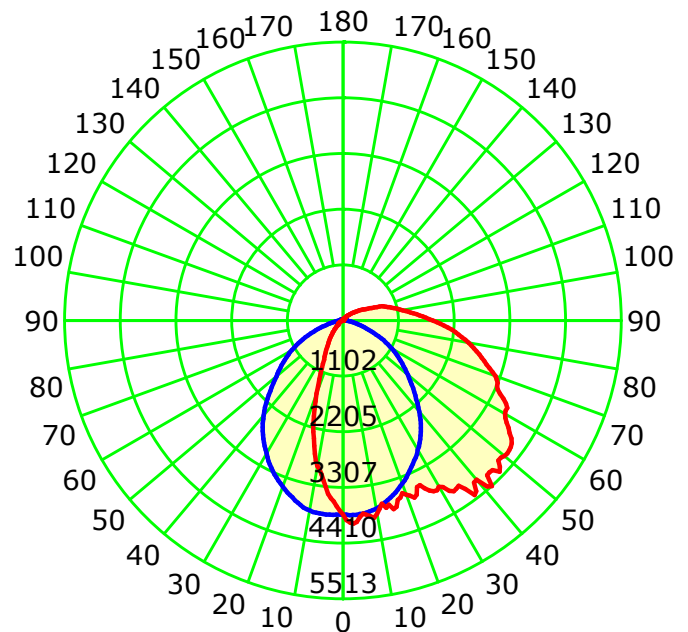
IES Classification: Type IV
Total Rated Lamp Lumens: 11079.1 lm
Efficiency: 100%
Upward Ratio: 10%
C0r0 Intensity: 3843.33 cd
Pos of Max. Intensity: H90 V42
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 93.1, 100.0, 95.7, 96.7

Longitudinal Classification: Very Short
Measurement Flux: 11079.1 lm
Downward Ratio: 90%
Luminaire Efficacy Rating (LER): 139.43
Max. Intensity: 4410.44 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

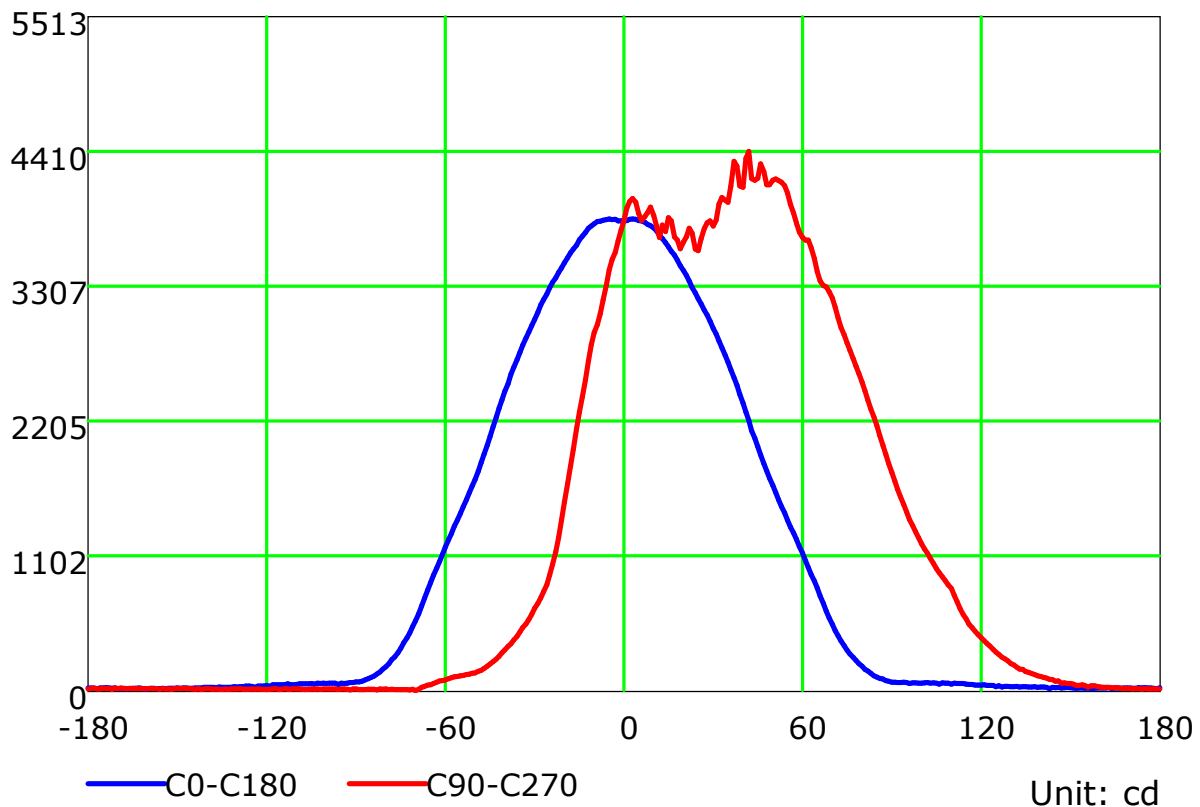
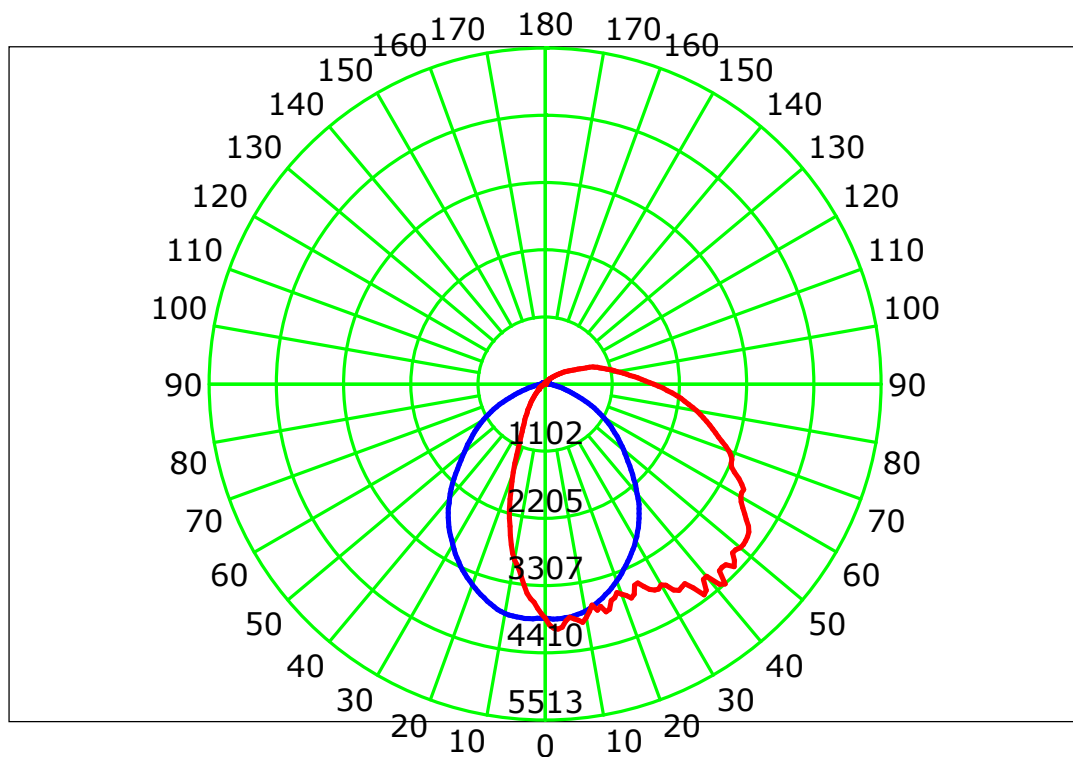
Average Diffuse Angle(50%): 96.5°

— C0-C180 — C90-C270

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

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

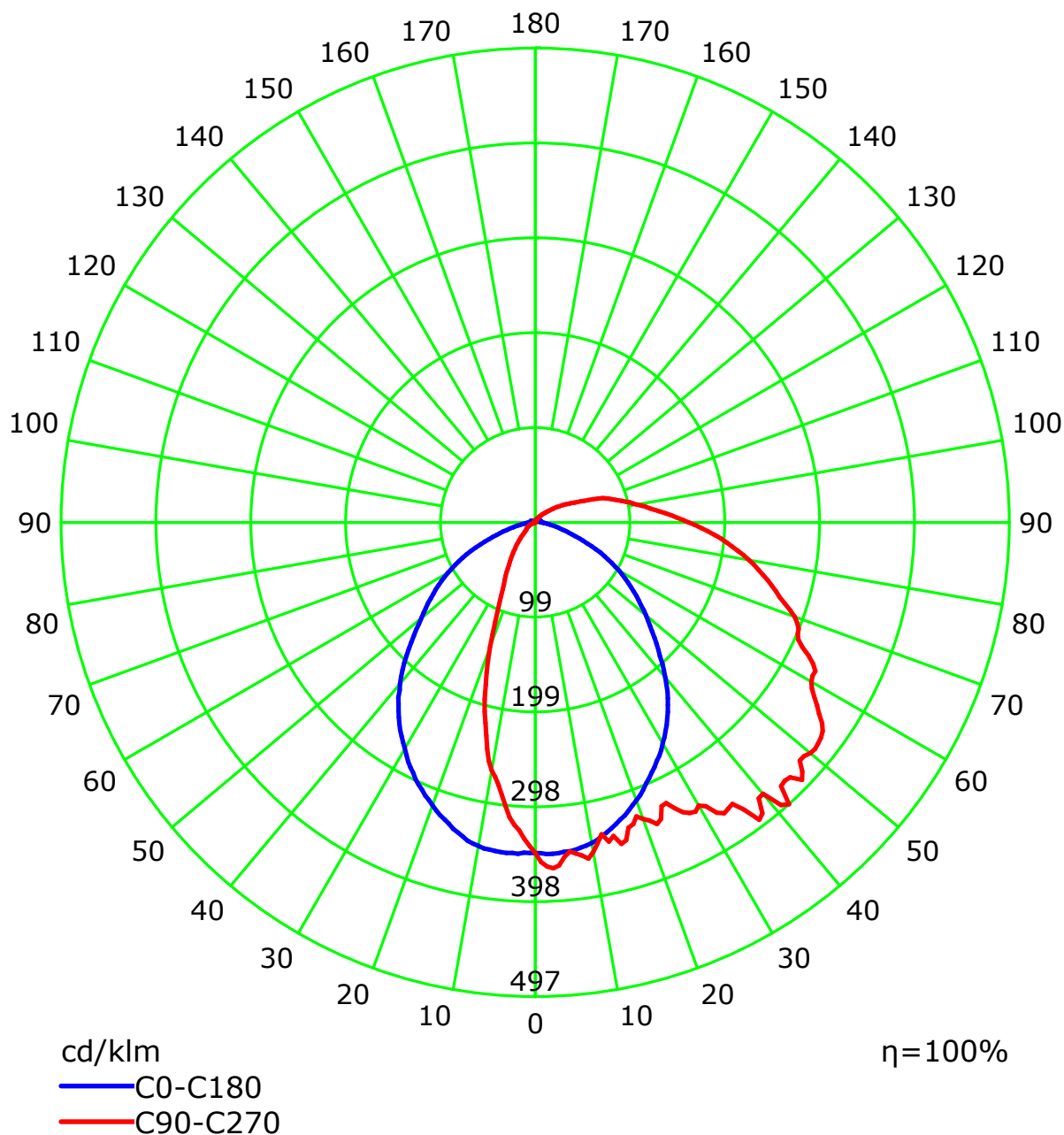
Luminous Intensity Distribution Curve



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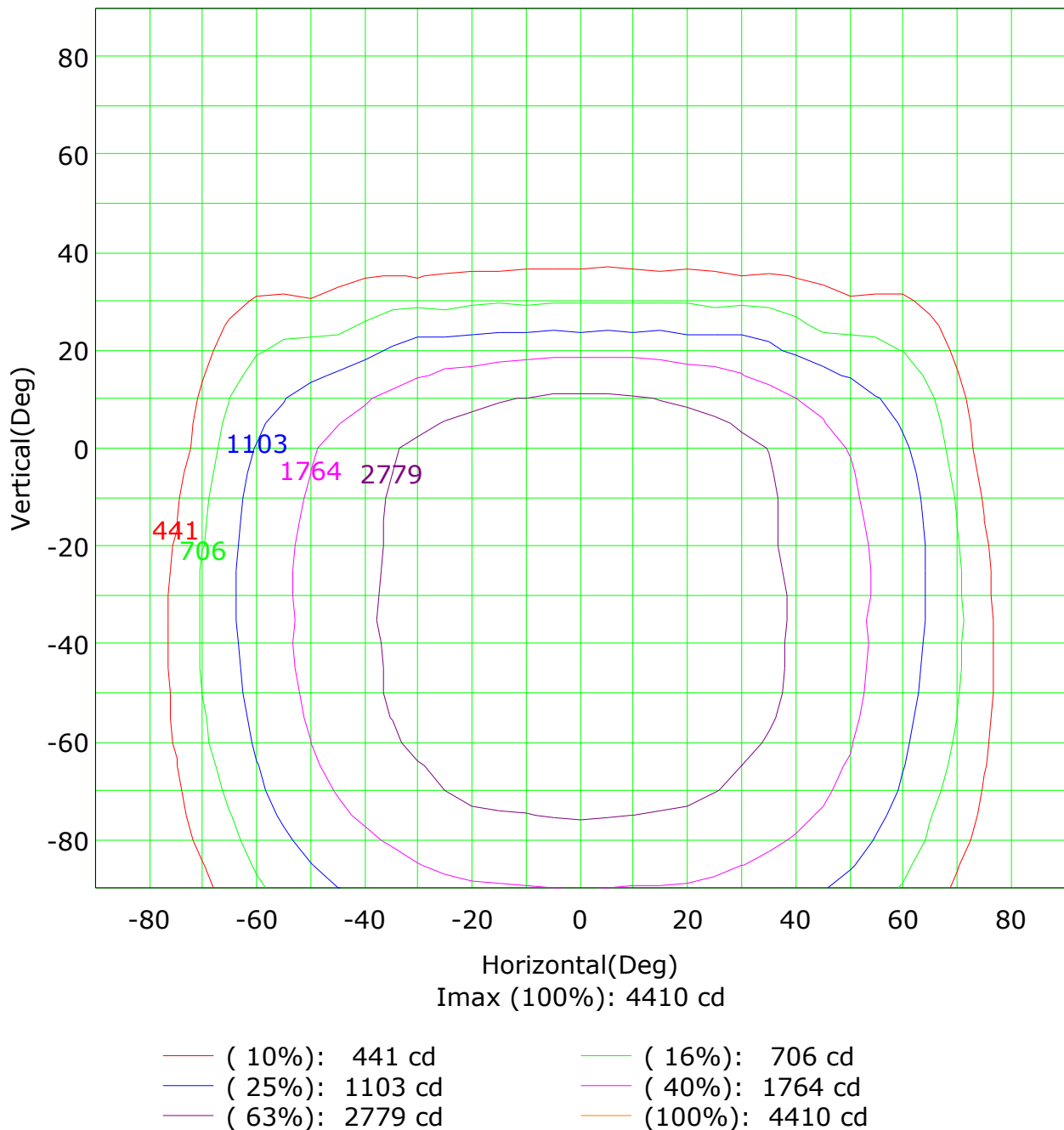
Luminous Intensity Distribution Curve(cd/klm)



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

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

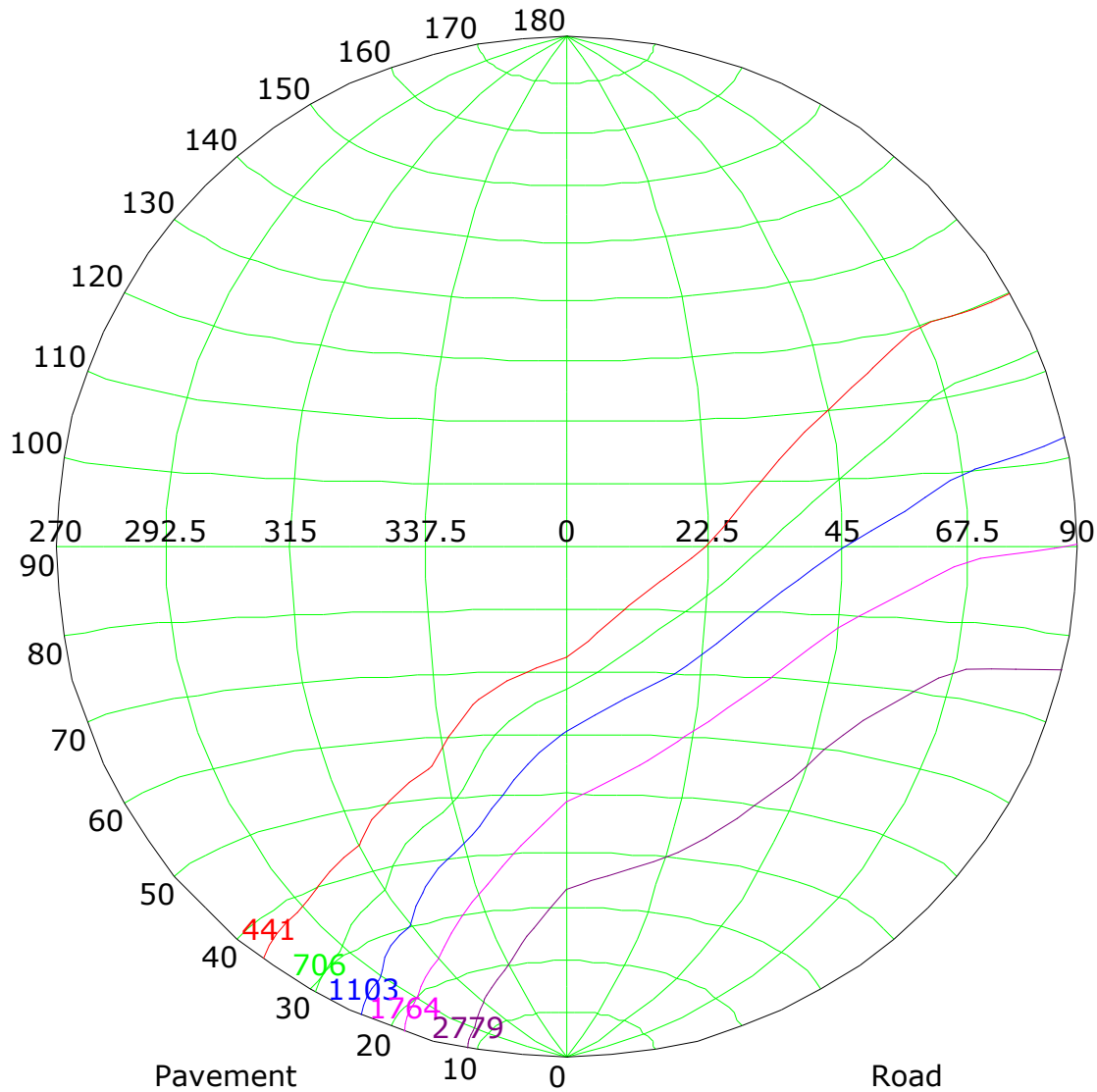
Isocandela (rectangle)



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

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

Isocandela (sphere)



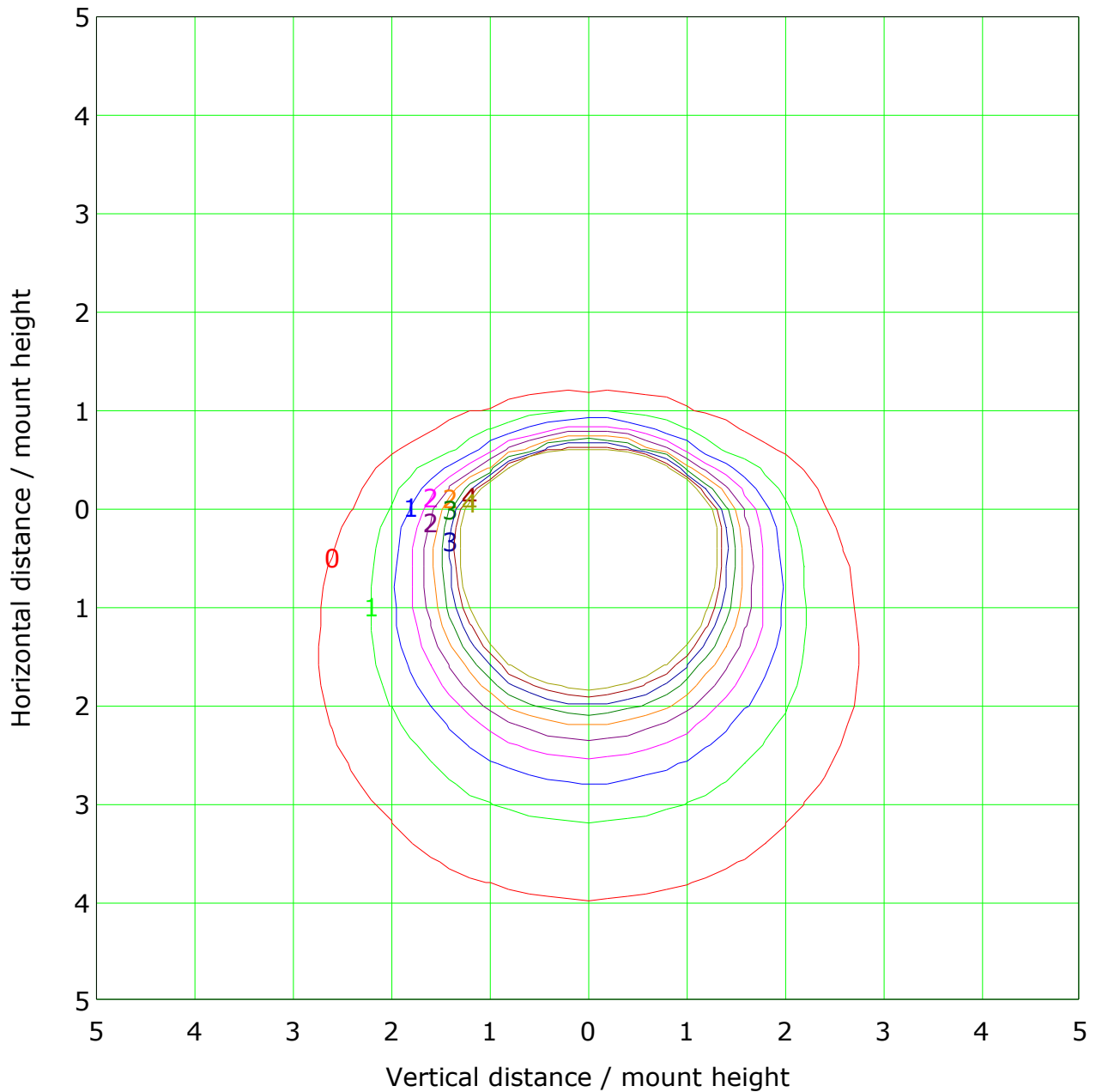
CIE: broad - short
CIE: Non-cut-off luminaire
Max.At90: 161.083 cd/klm

IES: Non-cut-off
Max.At80: 227.846 cd/klm
Max.80-90: 227.846 cd/klm

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Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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

IsoLux Plot



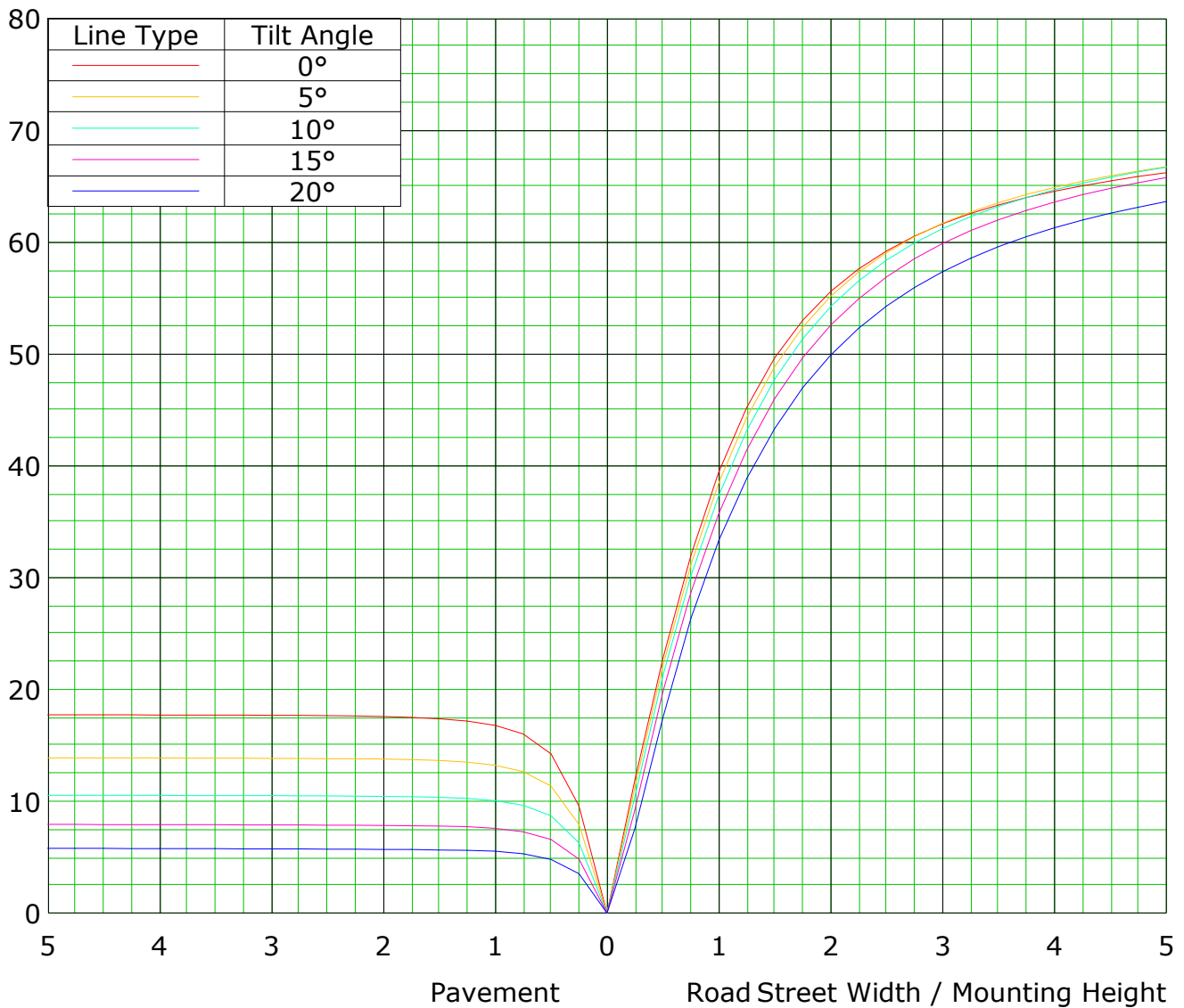
Mounting Height: 10.0m Max Lux(100%): 40.2 lx	
(1%): 0.4 lx	(2%): 0.8 lx
(3%): 1.2 lx	(4%): 1.6 lx
(5%): 2.0 lx	(6%): 2.4 lx
(7%): 2.8 lx	(8%): 3.2 lx
(9%): 3.6 lx	(10%): 4.0 lx

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Humidity:
Inspector:

Roadway CU Curve

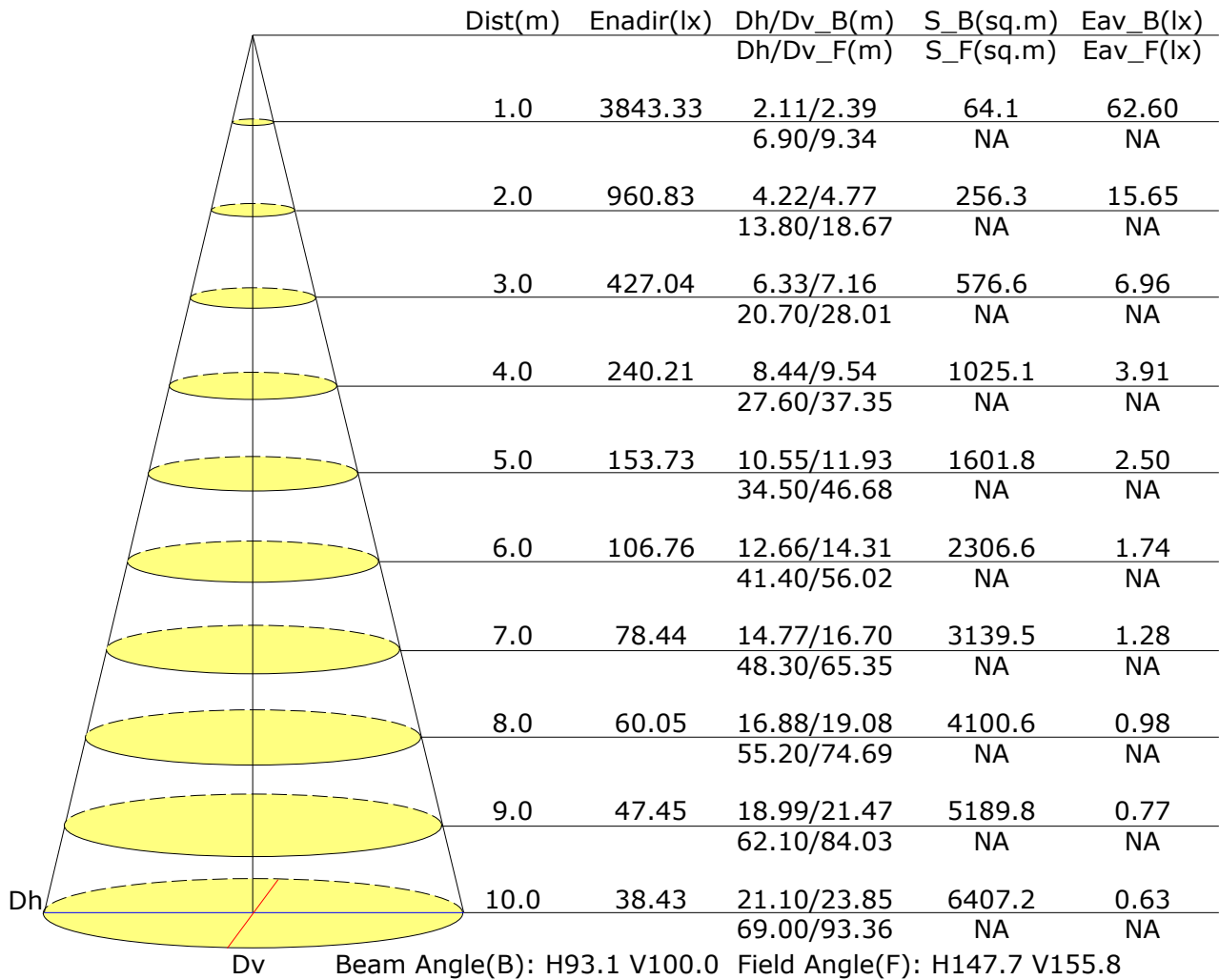
Efficiency(%)



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Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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

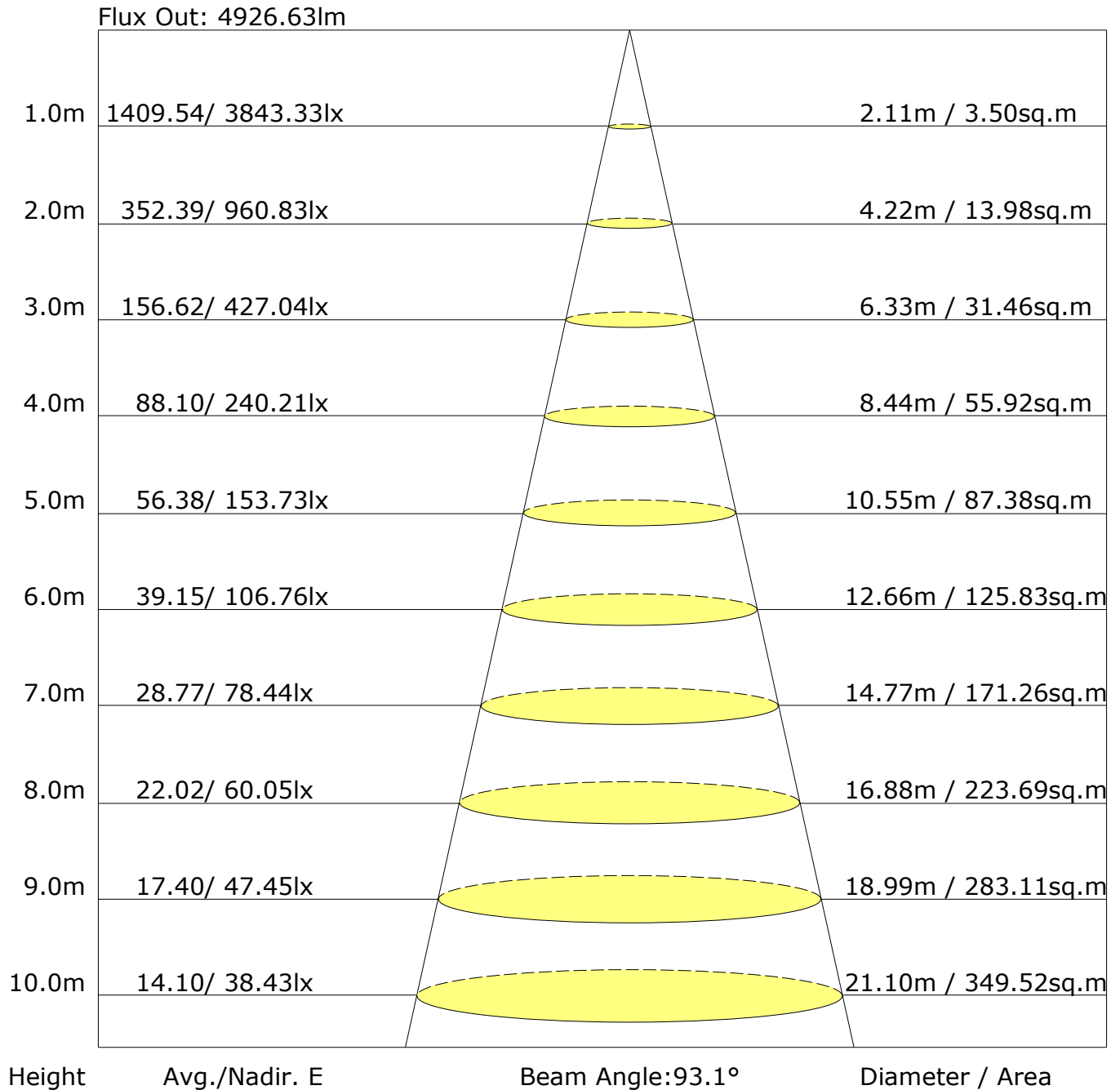
Illuminance at a Distance



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

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

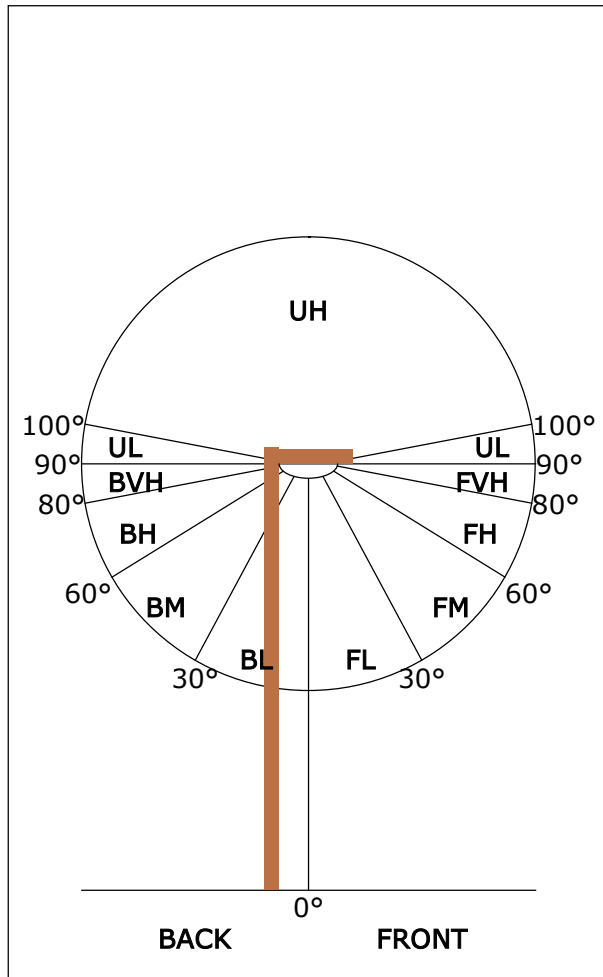
The Average Illuminance Effective Figure



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 Test Type: TYPE 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	7973	72.0
FL (0°-30°)	1535	13.9
FM (30°-60°)	3596	32.5
FH (60°-80°)	2140	19.3
FVH (80°-90°)	701	6.3
BACK LIGHT	1961	17.7
BL (0°-30°)	979	8.8
BM (30°-60°)	805	7.3
BH (60°-80°)	157	1.4
BVH (80°-90°)	20	0.2
UP LIGHT	1145	10.3
UL (90°-100°)	474	4.3
UH (100°-180°)	671	6.1
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U5 G4

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Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	3846.1	3.7	3.7	0.03	0.03
1.0-2.0	3848.0	11.0	14.7	0.10	0.13
2.0-3.0	3840.6	18.4	33.1	0.17	0.30
3.0-4.0	3822.3	25.6	58.7	0.23	0.53
4.0-5.0	3791.5	32.6	91.3	0.29	0.82
5.0-6.0	3747.9	39.4	130.7	0.36	1.18
6.0-7.0	3701.9	46.0	176.7	0.41	1.59
7.0-8.0	3661.3	52.4	229.1	0.47	2.07
8.0-9.0	3626.8	58.8	287.8	0.53	2.60
9.0-10.0	3595.0	65.1	352.9	0.59	3.19
10.0-11.0	3550.7	71.0	423.9	0.64	3.83
11.0-12.0	3492.6	76.4	500.2	0.69	4.52
12.0-13.0	3437.0	81.6	581.8	0.74	5.25
13.0-14.0	3385.4	86.7	668.5	0.78	6.03
14.0-15.0	3329.8	91.4	759.9	0.83	6.86
15.0-16.0	3271.6	95.9	855.8	0.87	7.72
16.0-17.0	3208.1	99.9	955.7	0.90	8.63
17.0-18.0	3138.5	103.5	1059.2	0.93	9.56
18.0-19.0	3068.4	106.8	1166.0	0.96	10.52
19.0-20.0	3005.7	110.0	1276.0	0.99	11.52
20.0-21.0	2949.8	113.3	1389.3	1.02	12.54
21.0-22.0	2899.1	116.5	1505.8	1.05	13.59
22.0-23.0	2842.5	119.3	1625.1	1.08	14.67
23.0-24.0	2772.4	121.2	1746.3	1.09	15.76
24.0-25.0	2702.1	122.9	1869.2	1.11	16.87
25.0-26.0	2638.3	124.6	1993.7	1.12	18.00
26.0-27.0	2586.5	126.6	2120.3	1.14	19.14
27.0-28.0	2546.9	129.0	2249.2	1.16	20.30
28.0-29.0	2512.8	131.5	2380.7	1.19	21.49
29.0-30.0	2471.3	133.5	2514.2	1.20	22.69
30.0-31.0	2424.7	134.9	2649.1	1.22	23.91
31.0-32.0	2383.5	136.6	2785.7	1.23	25.14
32.0-33.0	2347.8	138.3	2924.0	1.25	26.39
33.0-34.0	2319.9	140.4	3064.4	1.27	27.66
34.0-35.0	2295.0	142.5	3207.0	1.29	28.95
35.0-36.0	2265.0	144.2	3351.2	1.30	30.25

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 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	2235.7	145.8	3497.1	1.32	31.56
37.0-38.0	2208.0	147.4	3644.5	1.33	32.89
38.0-39.0	2172.8	148.3	3792.8	1.34	34.23
39.0-40.0	2134.3	148.9	3941.7	1.34	35.58
40.0-41.0	2101.0	149.6	4091.3	1.35	36.93
41.0-42.0	2076.2	150.9	4242.2	1.36	38.29
42.0-43.0	2047.6	151.7	4393.9	1.37	39.66
43.0-44.0	2005.7	151.4	4545.3	1.37	41.03
44.0-45.0	1962.1	150.8	4696.1	1.36	42.39
45.0-46.0	1928.9	150.9	4846.9	1.36	43.75
46.0-47.0	1902.0	151.3	4998.2	1.37	45.11
47.0-48.0	1873.4	151.5	5149.7	1.37	46.48
48.0-49.0	1837.9	150.9	5300.6	1.36	47.84
49.0-50.0	1799.9	150.1	5450.7	1.35	49.20
50.0-51.0	1766.4	149.5	5600.2	1.35	50.55
51.0-52.0	1737.1	149.1	5749.3	1.35	51.89
52.0-53.0	1714.2	149.1	5898.4	1.35	53.24
53.0-54.0	1689.3	148.9	6047.3	1.34	54.58
54.0-55.0	1657.6	148.0	6195.3	1.34	55.92
55.0-56.0	1622.9	146.7	6342.0	1.32	57.24
56.0-57.0	1588.5	145.3	6487.3	1.31	58.55
57.0-58.0	1555.0	143.8	6631.1	1.30	59.85
58.0-59.0	1523.8	142.5	6773.5	1.29	61.14
59.0-60.0	1493.3	141.1	6914.6	1.27	62.41
60.0-61.0	1457.7	139.1	7053.8	1.26	63.67
61.0-62.0	1421.6	137.0	7190.8	1.24	64.90
62.0-63.0	1389.6	135.2	7325.9	1.22	66.12
63.0-64.0	1357.4	133.2	7459.1	1.20	67.33
64.0-65.0	1323.6	131.0	7590.2	1.18	68.51
65.0-66.0	1284.1	128.1	7718.3	1.16	69.67
66.0-67.0	1241.7	124.9	7843.2	1.13	70.79
67.0-68.0	1204.0	122.0	7965.1	1.10	71.89
68.0-69.0	1168.9	119.3	8084.4	1.08	72.97
69.0-70.0	1135.9	116.7	8201.1	1.05	74.02
70.0-71.0	1103.3	114.0	8315.1	1.03	75.05
71.0-72.0	1069.5	111.2	8426.4	1.00	76.06

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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	1036.2	108.4	8534.7	0.98	77.03
73.0-74.0	1003.4	105.5	8640.2	0.95	77.99
74.0-75.0	970.1	102.5	8742.8	0.93	78.91
75.0-76.0	938.1	99.6	8842.3	0.90	79.81
76.0-77.0	907.1	96.7	8939.1	0.87	80.68
77.0-78.0	876.5	93.8	9032.9	0.85	81.53
78.0-79.0	847.6	91.1	9124.0	0.82	82.35
79.0-80.0	818.5	88.3	9212.3	0.80	83.15
80.0-81.0	788.9	85.3	9297.6	0.77	83.92
81.0-82.0	759.1	82.3	9379.9	0.74	84.66
82.0-83.0	729.2	79.3	9459.2	0.72	85.38
83.0-84.0	700.2	76.3	9535.5	0.69	86.07
84.0-85.0	673.4	73.5	9609.0	0.66	86.73
85.0-86.0	646.4	70.7	9679.7	0.64	87.37
86.0-87.0	619.7	67.8	9747.5	0.61	87.98
87.0-88.0	592.7	64.9	9812.4	0.59	88.57
88.0-89.0	565.8	62.0	9874.4	0.56	89.13
89.0-90.0	542.5	59.5	9933.9	0.54	89.66
90.0-91.0	521.0	57.1	9991.1	0.52	90.18
91.0-92.0	499.1	54.7	10045.8	0.49	90.67
92.0-93.0	477.4	52.3	10098.1	0.47	91.15
93.0-94.0	457.6	50.1	10148.2	0.45	91.60
94.0-95.0	439.5	48.1	10196.2	0.43	92.03
95.0-96.0	421.6	46.0	10242.2	0.42	92.45
96.0-97.0	405.3	44.2	10286.4	0.40	92.85
97.0-98.0	390.3	42.4	10328.8	0.38	93.23
98.0-99.0	374.6	40.6	10369.5	0.37	93.59
99.0-100.0	359.9	38.9	10408.4	0.35	93.95
100.0-101.0	346.0	37.3	10445.7	0.34	94.28
101.0-102.0	332.5	35.7	10481.4	0.32	94.61
102.0-103.0	320.2	34.3	10515.7	0.31	94.91
103.0-104.0	308.2	32.9	10548.6	0.30	95.21
104.0-105.0	295.6	31.4	10579.9	0.28	95.49
105.0-106.0	282.8	29.9	10609.8	0.27	95.76
106.0-107.0	272.1	28.6	10638.4	0.26	96.02
107.0-108.0	262.6	27.5	10665.9	0.25	96.27

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 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	251.8	26.2	10692.1	0.24	96.51
109.0-110.0	241.1	24.9	10717.0	0.22	96.73
110.0-111.0	230.7	23.7	10740.7	0.21	96.95
111.0-112.0	219.1	22.4	10763.1	0.20	97.15
112.0-113.0	208.0	21.1	10784.1	0.19	97.34
113.0-114.0	197.4	19.9	10804.0	0.18	97.52
114.0-115.0	187.1	18.7	10822.6	0.17	97.69
115.0-116.0	177.2	17.5	10840.2	0.16	97.84
116.0-117.0	167.8	16.5	10856.6	0.15	97.99
117.0-118.0	158.1	15.4	10872.0	0.14	98.13
118.0-119.0	149.2	14.4	10886.4	0.13	98.26
119.0-120.0	142.2	13.6	10900.0	0.12	98.38
120.0-121.0	134.8	12.7	10912.7	0.11	98.50
121.0-122.0	127.4	11.9	10924.6	0.11	98.61
122.0-123.0	120.6	11.1	10935.8	0.10	98.71
123.0-124.0	113.1	10.3	10946.1	0.09	98.80
124.0-125.0	105.9	9.6	10955.7	0.09	98.89
125.0-126.0	100.1	8.9	10964.6	0.08	98.97
126.0-127.0	94.0	8.3	10972.9	0.07	99.04
127.0-128.0	87.9	7.6	10980.6	0.07	99.11
128.0-129.0	82.8	7.1	10987.7	0.06	99.17
129.0-130.0	78.0	6.6	10994.3	0.06	99.23
130.0-131.0	73.2	6.1	11000.4	0.06	99.29
131.0-132.0	68.9	5.7	11006.0	0.05	99.34
132.0-133.0	65.3	5.3	11011.3	0.05	99.39
133.0-134.0	62.2	4.9	11016.3	0.04	99.43
134.0-135.0	58.8	4.6	11020.9	0.04	99.47
135.0-136.0	56.0	4.3	11025.2	0.04	99.51
136.0-137.0	53.3	4.0	11029.2	0.04	99.55
137.0-138.0	51.0	3.8	11033.0	0.03	99.58
138.0-139.0	48.8	3.5	11036.5	0.03	99.62
139.0-140.0	46.2	3.3	11039.8	0.03	99.65
140.0-141.0	44.1	3.1	11042.9	0.03	99.67
141.0-142.0	41.1	2.8	11045.7	0.03	99.70
142.0-143.0	38.5	2.6	11048.3	0.02	99.72
143.0-144.0	37.5	2.4	11050.7	0.02	99.74

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Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	35.2	2.2	11052.9	0.02	99.76
145.0-146.0	33.3	2.1	11055.0	0.02	99.78
146.0-147.0	31.9	1.9	11056.9	0.02	99.80
147.0-148.0	30.1	1.8	11058.7	0.02	99.82
148.0-149.0	28.7	1.6	11060.4	0.01	99.83
149.0-150.0	27.2	1.5	11061.9	0.01	99.84
150.0-151.0	26.9	1.5	11063.3	0.01	99.86
151.0-152.0	25.9	1.4	11064.7	0.01	99.87
152.0-153.0	23.4	1.2	11065.9	0.01	99.88
153.0-154.0	22.7	1.1	11067.0	0.01	99.89
154.0-155.0	22.9	1.1	11068.1	0.01	99.90
155.0-156.0	21.7	1.0	11069.1	0.01	99.91
156.0-157.0	20.8	0.9	11070.0	0.01	99.92
157.0-158.0	20.7	0.9	11070.8	0.01	99.93
158.0-159.0	19.9	0.8	11071.6	0.01	99.93
159.0-160.0	19.6	0.8	11072.4	0.01	99.94
160.0-161.0	19.2	0.7	11073.1	0.01	99.95
161.0-162.0	18.3	0.6	11073.7	0.01	99.95
162.0-163.0	18.8	0.6	11074.3	0.01	99.96
163.0-164.0	18.8	0.6	11074.9	0.01	99.96
164.0-165.0	17.8	0.5	11075.4	0.00	99.97
165.0-166.0	17.0	0.5	11075.9	0.00	99.97
166.0-167.0	17.0	0.4	11076.3	0.00	99.98
167.0-168.0	17.1	0.4	11076.8	0.00	99.98
168.0-169.0	17.2	0.4	11077.1	0.00	99.98
169.0-170.0	17.3	0.3	11077.5	0.00	99.99
170.0-171.0	17.1	0.3	11077.8	0.00	99.99
171.0-172.0	16.9	0.3	11078.1	0.00	99.99
172.0-173.0	16.9	0.2	11078.3	0.00	99.99
173.0-174.0	16.7	0.2	11078.5	0.00	99.99
174.0-175.0	16.8	0.2	11078.7	0.00	100.00
175.0-176.0	17.1	0.1	11078.8	0.00	100.00
176.0-177.0	16.5	0.1	11078.9	0.00	100.00
177.0-178.0	16.2	0.1	11079.0	0.00	100.00
178.0-179.0	15.9	0.0	11079.1	0.00	100.00
179.0-180.0	16.3	0.0	11079.1	0.00	100.00

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

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

Zonal Lumen (Continue 5)

cone flux(90°): 4696.07 lm

%lum = 42.4%

%lamp = 42.4%

cone flux(120°): 6914.64 lm

%lum = 62.4%

%lamp = 62.4%

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	3843.3	3843.3	3843.3	3843.3	3843.3	3843.3	3843.3	3843.3	3843.3	3843.3
G1.0	3846.7	3880.6	3913.4	3939.3	3949.3	3935.6	3905.3	3884.8	3844.6	3813.3
G2.0	3856.9	3926.6	3967.6	3992.1	4004.4	3985.7	3961.9	3923.9	3843.3	3789.2
G3.0	3857.9	3955.5	4012.6	4031.6	4027.4	4016.6	4002.7	3944.1	3857.2	3762.6
G4.0	3856.9	3983.2	4028.9	4027.4	3995.8	4001.0	4015.3	3977.9	3853.7	3726.2
G5.0	3845.8	4002.4	4025.5	3958.3	3903.5	3929.3	4009.9	3997.8	3858.8	3693.0
G6.0	3843.9	4015.7	3977.9	3880.3	3846.2	3850.9	3958.3	4012.3	3853.7	3653.8
G7.0	3834.0	4009.5	3915.2	3882.6	3878.5	3852.1	3900.8	3998.5	3849.1	3612.8
G8.0	3815.9	4004.3	3870.3	3906.9	3911.6	3889.2	3860.0	4005.3	3840.3	3576.7
G9.0	3803.9	3983.7	3865.0	3941.0	3957.2	3938.8	3860.2	3988.8	3838.1	3538.0
G10.0	3785.3	3969.0	3876.4	3969.1	3887.9	3965.4	3879.6	3973.7	3818.9	3507.3
G11.0	3762.6	3921.4	3889.5	3885.3	3800.2	3869.4	3910.0	3917.2	3802.5	3470.4
G12.0	3726.4	3862.5	3901.2	3796.1	3707.6	3782.0	3933.0	3865.9	3783.7	3427.6
G13.0	3699.3	3803.2	3910.4	3734.2	3809.2	3722.2	3931.5	3822.2	3749.1	3372.8
G14.0	3665.9	3756.4	3858.4	3809.8	3756.8	3794.6	3871.2	3781.6	3717.2	3308.7
G15.0	3631.6	3714.1	3776.3	3797.4	3868.8	3780.6	3787.6	3750.6	3688.4	3239.8
G16.0	3593.8	3683.2	3684.1	3863.1	3842.8	3845.5	3699.6	3722.4	3644.1	3161.7
G17.0	3562.5	3652.0	3659.7	3844.1	3713.1	3845.8	3701.9	3702.2	3613.3	3081.5
G18.0	3521.7	3633.7	3655.6	3783.7	3687.5	3759.4	3707.3	3678.1	3581.3	2996.9
G19.0	3477.7	3625.7	3681.0	3681.9	3616.5	3688.2	3726.0	3660.7	3541.4	2920.9
G20.0	3437.3	3603.5	3686.4	3659.2	3670.4	3645.8	3744.2	3643.5	3500.7	2850.6
G21.0	3398.9	3588.4	3675.1	3635.1	3713.3	3640.6	3740.8	3627.5	3458.2	2788.3
G22.0	3351.6	3567.2	3659.6	3714.4	3783.7	3715.7	3694.6	3591.7	3422.5	2731.7
G23.0	3298.5	3533.1	3554.5	3747.7	3745.1	3751.8	3602.1	3562.1	3377.8	2672.7
G24.0	3255.4	3488.5	3488.8	3735.8	3613.3	3745.4	3532.2	3516.5	3339.3	2607.8
G25.0	3207.4	3433.3	3449.7	3684.5	3599.5	3657.1	3508.3	3463.3	3295.0	2543.7
G26.0	3164.7	3363.2	3437.4	3607.2	3695.9	3584.1	3486.0	3394.2	3243.5	2470.6
G27.0	3111.7	3290.4	3435.2	3606.3	3781.2	3623.5	3491.6	3332.3	3198.6	2393.5
G28.0	3073.2	3234.3	3430.8	3661.4	3827.2	3698.8	3496.1	3274.9	3153.4	2314.4
G29.0	3024.0	3185.7	3429.7	3761.4	3844.6	3774.5	3475.6	3227.7	3094.2	2233.1
G30.0	2963.1	3152.3	3401.1	3762.8	3801.7	3766.6	3442.0	3188.3	3036.3	2137.1
G31.0	2918.1	3120.4	3363.5	3783.2	3848.2	3772.0	3393.1	3151.3	2986.0	2042.1
G32.0	2860.2	3094.5	3302.6	3737.4	3982.0	3768.2	3347.1	3126.2	2934.6	1950.5
G33.0	2806.3	3072.6	3261.3	3763.0	4033.3	3816.6	3331.9	3111.9	2885.2	1866.2
G34.0	2745.2	3056.1	3259.5	3845.5	4013.9	3901.6	3337.2	3090.2	2827.4	1788.3
G35.0	2688.1	3024.7	3271.5	3924.8	3995.4	3944.2	3369.4	3054.5	2766.7	1698.1
G36.0	2624.8	2988.0	3316.7	3849.5	4127.8	3876.1	3371.9	3005.0	2708.0	1619.5

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

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

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	2560.2	2945.2	3274.0	3860.8	4329.6	3895.3	3337.8	2955.8	2645.3	1536.8
G38.0	2499.7	2898.0	3251.8	3942.4	4291.0	4006.0	3297.7	2898.4	2588.7	1461.7
G39.0	2423.8	2833.4	3230.4	4011.0	4127.6	4064.3	3295.9	2841.6	2509.6	1379.9
G40.0	2352.2	2770.9	3242.0	3993.6	4118.8	4065.2	3304.7	2779.7	2449.1	1284.4
G41.0	2278.7	2707.7	3243.4	3921.2	4354.8	3962.7	3322.9	2728.4	2380.0	1208.6
G42.0	2212.9	2657.1	3266.3	3966.0	4410.4	4011.4	3364.9	2675.8	2311.4	1131.9
G43.0	2125.8	2607.8	3250.0	4082.0	4189.9	4123.6	3301.7	2629.0	2235.2	1067.5
G44.0	2064.5	2558.6	3196.6	4010.1	4175.7	4047.4	3254.3	2602.1	2156.3	989.4
G45.0	1996.4	2520.1	3169.8	3918.1	4192.3	3976.5	3229.3	2575.4	2082.1	927.8
G46.0	1929.4	2483.9	3143.7	3911.4	4310.4	3972.8	3198.7	2520.7	2007.1	861.2
G47.0	1857.7	2426.6	3135.8	3965.1	4247.7	4015.0	3230.5	2453.6	1933.1	799.4
G48.0	1797.5	2368.2	3178.7	3986.4	4138.7	4010.5	3266.3	2394.9	1864.9	741.8
G49.0	1737.7	2303.6	3111.8	3933.9	4139.5	3968.3	3190.3	2329.8	1796.1	693.5
G50.0	1680.6	2233.4	3053.0	3905.7	4175.0	3941.0	3144.1	2268.1	1727.9	646.4
G51.0	1622.2	2177.7	2981.7	3899.2	4185.8	3943.7	3068.5	2208.7	1674.4	603.3
G52.0	1561.8	2139.5	2935.6	3904.2	4173.6	3945.6	3023.0	2182.9	1620.2	569.0
G53.0	1507.5	2144.5	2907.3	3894.7	4161.0	3929.3	2987.6	2183.8	1563.1	536.0
G54.0	1454.7	2099.8	2870.3	3875.4	4132.3	3913.1	2949.9	2123.2	1504.0	507.6
G55.0	1395.5	2007.0	2847.3	3854.9	4070.9	3893.3	2928.9	2043.7	1449.1	479.2
G56.0	1340.3	1923.5	2824.6	3822.3	3978.6	3853.0	2902.3	1962.6	1398.1	462.0
G57.0	1290.1	1872.9	2788.3	3779.0	3906.4	3807.0	2876.8	1893.9	1344.5	440.5
G58.0	1236.8	1842.9	2755.9	3718.0	3825.2	3746.4	2840.7	1855.9	1285.2	416.9
G59.0	1179.7	1843.8	2725.2	3655.6	3751.9	3680.6	2807.5	1858.1	1234.9	395.3
G60.0	1125.5	1805.3	2688.9	3583.6	3707.6	3608.4	2771.2	1845.9	1175.1	375.1
G61.0	1064.0	1701.5	2658.3	3516.6	3685.1	3533.4	2743.0	1738.3	1115.3	357.8
G62.0	1007.2	1637.1	2623.7	3462.4	3687.3	3471.4	2710.3	1660.2	1056.8	333.3
G63.0	950.0	1595.0	2580.9	3422.9	3624.1	3432.0	2669.7	1611.6	1001.5	313.1
G64.0	896.2	1568.5	2535.0	3375.7	3534.8	3390.5	2618.1	1590.5	944.2	291.1
G65.0	839.9	1537.5	2482.4	3320.2	3428.1	3333.3	2563.5	1582.2	885.1	279.9
G66.0	773.8	1442.7	2430.8	3251.6	3350.6	3270.9	2501.7	1480.7	822.7	263.1
G67.0	714.4	1374.7	2371.4	3180.6	3315.4	3201.5	2444.7	1402.8	756.0	243.7
G68.0	651.7	1329.4	2311.0	3112.9	3303.9	3129.5	2393.2	1348.5	691.7	222.8
G69.0	594.6	1284.5	2265.6	3055.4	3264.0	3077.7	2336.6	1299.5	631.2	211.0
G70.0	544.3	1240.2	2215.0	3010.6	3211.2	3031.7	2287.0	1252.3	573.5	195.1
G71.0	490.1	1195.1	2153.5	2965.9	3135.8	2985.1	2232.0	1206.1	524.1	174.1
G72.0	448.6	1154.4	2103.5	2914.9	3049.6	2933.3	2180.8	1159.6	471.5	159.9
G73.0	408.0	1108.1	2052.7	2848.6	2972.4	2868.1	2126.2	1116.7	431.2	148.6

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

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

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	367.7	1057.7	2000.3	2766.5	2911.0	2792.7	2070.1	1074.6	391.3	134.4
G75.0	331.9	1009.4	1938.3	2694.3	2846.5	2722.5	2006.4	1025.8	347.3	127.1
G76.0	300.4	963.8	1879.8	2626.2	2785.1	2644.1	1948.7	985.3	310.9	115.9
G77.0	274.9	917.3	1823.0	2552.9	2717.7	2579.2	1885.3	942.2	275.9	104.4
G78.0	248.3	873.8	1764.7	2487.8	2654.3	2517.5	1829.4	893.8	254.6	95.3
G79.0	222.3	826.4	1708.8	2422.1	2593.5	2447.6	1775.2	850.9	221.4	86.4
G80.0	199.3	785.6	1652.5	2352.0	2524.3	2377.8	1713.5	812.5	195.9	79.3
G81.0	174.8	738.7	1595.3	2274.4	2453.2	2303.2	1653.7	773.8	176.6	72.8
G82.0	162.0	699.0	1533.0	2202.5	2378.0	2232.8	1597.8	733.8	154.1	65.9
G83.0	141.6	661.4	1474.9	2136.2	2306.3	2161.0	1532.6	692.0	138.4	60.5
G84.0	122.9	623.0	1413.6	2069.2	2239.2	2096.5	1476.6	647.2	118.7	53.1
G85.0	112.0	585.9	1357.1	1997.5	2170.0	2021.3	1415.5	614.3	107.5	55.9
G86.0	100.4	552.0	1304.4	1929.6	2089.2	1958.6	1356.4	581.2	97.4	44.2
G87.0	95.0	519.4	1243.3	1856.3	2008.2	1884.4	1295.3	546.5	87.4	52.2
G88.0	83.4	486.9	1191.8	1776.5	1933.9	1809.6	1235.8	508.9	76.3	46.5
G89.0	76.9	457.4	1140.7	1708.0	1858.5	1731.9	1178.0	480.3	72.3	31.6
G90.0	69.5	431.8	1094.7	1641.9	1784.7	1658.6	1135.2	458.5	73.2	47.4
G91.0	69.5	410.9	1045.0	1575.1	1715.9	1594.4	1086.9	431.4	67.9	46.2
G92.0	67.5	385.0	996.8	1512.9	1646.7	1532.2	1036.1	409.5	65.8	41.4
G93.0	66.5	368.1	953.0	1447.4	1585.5	1465.3	992.1	393.7	61.9	31.1
G94.0	69.5	350.9	911.7	1393.5	1522.8	1409.6	945.3	374.3	59.8	38.2
G95.0	67.2	336.2	874.7	1337.7	1463.2	1350.8	907.1	354.1	61.2	35.7
G96.0	58.0	318.2	839.8	1287.6	1400.5	1300.6	866.8	339.4	51.3	37.4
G97.0	65.2	302.4	802.6	1241.7	1349.0	1250.1	835.8	327.5	60.8	37.8
G98.0	64.0	290.6	766.9	1195.0	1301.0	1202.1	795.7	306.9	60.7	31.6
G99.0	61.7	276.4	738.6	1148.7	1253.8	1159.5	766.6	287.7	60.7	28.4
G100.0	60.5	260.0	705.6	1097.4	1201.9	1109.4	735.3	275.0	58.9	31.6
G101.0	63.0	251.5	676.1	1056.1	1159.2	1067.1	702.4	262.2	62.4	19.3
G102.0	66.3	237.8	651.6	1020.6	1125.2	1026.1	674.6	249.9	58.0	20.1
G103.0	62.1	221.7	624.9	981.6	1082.1	991.4	648.2	238.9	60.3	32.5
G104.0	64.9	213.0	597.2	945.7	1041.4	957.8	615.7	226.5	52.6	28.4
G105.0	61.2	200.7	570.8	910.0	998.8	916.1	589.3	213.3	58.9	23.4
G106.0	53.1	189.9	542.7	874.7	965.8	882.3	561.4	196.2	57.0	25.2
G107.0	63.1	179.5	520.7	845.9	931.7	854.8	537.2	187.4	55.9	20.6
G108.0	62.1	168.3	500.0	807.7	900.8	816.3	517.4	175.4	56.8	24.3
G109.0	61.5	161.2	473.2	783.0	864.7	785.4	484.5	165.4	55.6	13.7
G110.0	54.0	151.9	448.1	750.8	836.1	754.0	462.2	162.3	50.5	20.6

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

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

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	61.5	144.7	423.3	720.2	778.1	723.9	439.8	151.4	49.6	17.2
G112.0	59.1	133.3	405.1	685.8	726.4	692.3	417.5	142.6	49.1	15.4
G113.0	60.0	126.9	378.8	657.1	670.9	657.6	396.3	131.1	55.0	22.2
G114.0	58.0	121.9	360.0	627.4	623.0	629.2	373.1	127.9	49.6	23.3
G115.0	54.3	115.0	341.3	595.7	588.7	598.6	349.6	121.8	48.5	19.0
G116.0	51.7	109.5	318.6	565.1	544.3	569.9	332.0	112.5	47.3	22.7
G117.0	50.8	101.3	303.5	533.0	514.7	536.8	310.3	108.3	49.4	21.1
G118.0	45.4	102.9	282.1	502.9	485.6	505.3	291.4	103.9	47.5	19.7
G119.0	46.6	97.6	268.7	472.1	459.9	480.9	277.6	94.9	36.6	16.7
G120.0	45.6	91.8	255.3	446.9	433.5	448.2	260.3	94.9	43.3	18.1
G121.0	48.0	89.3	239.2	418.4	410.3	419.4	245.4	88.4	37.1	18.6
G122.0	43.6	85.6	226.1	393.8	387.2	393.0	232.1	88.2	37.3	18.6
G123.0	42.6	82.9	207.9	363.1	366.3	368.9	217.4	82.2	38.5	15.4
G124.0	42.2	79.0	200.9	340.6	338.5	342.5	204.6	75.5	26.4	18.5
G125.0	32.9	70.6	186.8	315.1	316.2	318.4	190.8	71.0	34.6	19.9
G126.0	40.5	68.0	176.8	291.6	296.8	295.5	182.7	70.3	37.3	16.3
G127.0	30.8	62.8	170.4	268.2	273.5	280.3	169.6	49.3	36.8	18.8
G128.0	36.4	59.5	157.7	247.1	261.3	254.9	159.0	56.5	33.9	19.2
G129.0	35.4	55.4	148.2	227.5	244.2	228.8	152.3	58.8	33.9	17.2
G130.0	33.6	60.0	142.1	210.0	221.1	217.0	145.2	60.1	28.8	12.6
G131.0	32.0	48.8	133.2	192.7	209.6	197.6	131.5	53.1	33.9	18.5
G132.0	35.5	52.4	123.5	177.4	192.3	185.5	126.7	52.2	28.3	16.0
G133.0	31.0	50.9	122.1	168.4	177.4	172.8	123.2	57.9	26.4	20.9
G134.0	31.7	51.1	110.8	157.6	173.3	163.1	116.8	42.2	28.3	19.0
G135.0	33.4	46.5	108.0	147.2	156.8	148.5	107.8	46.5	28.7	15.3
G136.0	30.8	44.7	97.1	139.1	151.7	140.4	101.2	47.2	30.1	17.2
G137.0	30.3	41.7	95.8	130.8	140.3	132.9	92.9	43.2	23.9	18.8
G138.0	33.9	40.8	86.5	118.7	132.2	121.2	93.4	39.3	27.6	14.6
G139.0	28.1	41.0	82.2	114.2	122.8	112.7	85.5	39.1	26.4	16.3
G140.0	29.2	34.8	83.5	100.3	117.4	100.7	81.0	40.0	27.1	16.3
G141.0	30.4	38.2	73.5	94.2	109.0	95.1	78.2	38.9	26.2	15.1
G142.0	26.4	33.7	68.3	89.5	103.1	94.0	72.4	26.5	22.5	15.4
G143.0	17.4	30.4	69.0	85.6	94.3	84.7	64.7	36.4	23.6	14.4
G144.0	28.1	29.8	68.6	82.0	90.2	76.6	61.8	35.2	23.6	12.6
G145.0	25.7	22.4	54.9	74.2	76.7	69.4	61.4	32.3	20.2	9.1
G146.0	27.1	28.0	61.9	68.4	80.6	66.9	55.5	29.2	20.2	10.5
G147.0	23.2	17.2	51.1	56.6	60.5	61.5	54.1	28.0	23.4	11.5

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

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

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	25.3	26.3	51.8	55.3	65.2	55.2	48.2	21.2	23.4	10.3
G149.0	27.1	17.6	44.0	47.6	58.0	53.9	46.5	25.1	20.6	7.8
G150.0	23.7	23.4	39.1	43.1	60.2	45.3	42.0	26.4	22.3	11.2
G151.0	21.5	20.2	35.2	48.5	54.9	45.7	44.9	23.9	19.9	13.5
G152.0	20.8	17.2	33.3	45.4	43.1	45.5	40.6	23.5	19.9	14.9
G153.0	22.0	19.2	20.0	36.4	42.7	43.0	32.3	19.5	19.2	12.4
G154.0	21.8	14.6	32.7	39.3	47.4	38.5	39.0	22.1	15.8	10.1
G155.0	18.6	15.8	32.9	39.3	39.3	27.5	35.8	16.7	19.7	14.4
G156.0	22.9	13.3	30.4	32.6	31.4	34.5	31.4	14.5	17.9	12.6
G157.0	17.4	7.6	32.5	31.0	39.5	32.9	27.0	14.3	16.0	13.1
G158.0	19.7	11.5	28.1	24.5	39.5	32.0	24.6	16.0	20.9	14.9
G159.0	23.2	14.0	23.2	27.9	34.5	22.7	21.6	13.3	19.2	11.5
G160.0	22.7	14.0	21.5	24.0	30.2	26.8	29.6	16.9	18.3	14.7
G161.0	21.6	14.2	22.0	25.6	27.7	24.3	20.3	18.1	12.5	17.2
G162.0	21.5	15.6	22.7	20.5	28.4	21.8	18.9	11.8	20.4	16.7
G163.0	23.9	14.7	19.7	16.0	27.7	22.3	24.1	16.3	22.7	13.5
G164.0	17.1	12.3	23.1	14.6	25.7	18.0	21.2	16.3	20.2	15.4
G165.0	21.5	10.5	14.8	15.3	23.5	20.1	17.6	16.1	18.6	15.1
G166.0	22.5	14.7	17.9	18.7	24.2	20.7	14.6	12.9	16.5	14.4
G167.0	20.6	13.0	19.1	14.6	20.5	16.2	18.5	18.7	15.7	17.0
G168.0	21.8	17.4	14.1	15.0	16.9	16.2	19.6	16.5	19.9	19.9
G169.0	22.5	13.5	17.5	14.6	20.1	14.4	18.5	15.4	14.9	11.4
G170.0	21.6	12.3	16.1	10.8	17.4	10.8	19.9	16.7	18.1	16.9
G171.0	19.7	10.3	15.9	13.9	15.3	11.9	16.7	15.8	21.3	19.0
G172.0	20.9	18.3	14.8	10.8	16.0	14.0	19.9	16.1	20.2	17.6
G173.0	24.6	12.6	19.1	13.9	17.4	16.7	15.8	14.5	21.6	15.6
G174.0	22.9	13.5	18.1	12.4	11.9	14.2	18.5	12.0	24.8	17.9
G175.0	24.6	17.6	17.9	14.6	18.0	14.7	18.0	15.2	21.1	15.3
G176.0	21.6	17.0	17.9	16.7	14.7	11.5	18.5	15.1	21.8	14.0
G177.0	23.4	14.0	16.6	12.8	14.7	10.1	18.1	16.0	18.1	18.1
G178.0	20.9	16.3	15.0	11.7	15.3	9.2	18.7	16.5	20.6	18.6
G179.0	15.1	16.7	17.0	16.6	14.0	14.6	18.7	13.6	21.5	16.9
G180.0	24.8	14.7	19.5	16.0	13.8	15.1	18.5	13.8	23.4	17.0

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

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

Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	3843.3	3843.3	3843.3	3843.3	3843.3	3843.3	3843.3			
G1.0	3782.0	3766.1	3766.8	3768.9	3776.7	3809.8	3846.7			
G2.0	3730.0	3686.6	3679.7	3691.4	3721.9	3790.2	3856.9			
G3.0	3664.9	3603.9	3585.5	3609.6	3659.2	3756.2	3857.9			
G4.0	3598.2	3531.3	3526.7	3531.8	3590.9	3719.7	3856.9			
G5.0	3545.0	3475.0	3442.5	3471.4	3525.7	3678.1	3845.8			
G6.0	3504.8	3367.4	3317.9	3370.7	3482.1	3636.0	3843.9			
G7.0	3437.4	3253.8	3195.8	3263.9	3410.9	3594.0	3834.0			
G8.0	3354.8	3132.9	3083.7	3144.9	3332.8	3542.2	3815.9			
G9.0	3266.5	3038.9	2993.6	3045.3	3234.9	3492.7	3803.9			
G10.0	3171.4	2967.0	2929.3	2964.6	3136.6	3453.2	3785.3			
G11.0	3084.3	2893.5	2829.3	2887.1	3045.0	3401.5	3762.6			
G12.0	3004.6	2796.4	2696.4	2794.9	2961.4	3354.7	3726.4			
G13.0	2951.7	2675.5	2544.8	2677.7	2891.9	3294.3	3699.3			
G14.0	2885.2	2537.7	2404.2	2538.5	2822.9	3233.3	3665.9			
G15.0	2795.6	2402.8	2279.4	2403.6	2736.5	3159.6	3631.6			
G16.0	2697.8	2286.6	2144.9	2275.4	2639.5	3092.3	3593.8			
G17.0	2584.3	2156.2	1976.4	2152.4	2524.3	3013.9	3562.5			
G18.0	2449.4	2014.1	1834.4	2007.5	2409.5	2929.1	3521.7			
G19.0	2343.9	1877.7	1692.3	1871.1	2289.0	2846.6	3477.7			
G20.0	2234.5	1742.8	1541.9	1721.1	2185.3	2773.2	3437.3			
G21.0	2124.6	1600.7	1393.9	1583.2	2080.6	2704.5	3398.9			
G22.0	2014.4	1462.1	1253.8	1444.8	1976.6	2631.9	3351.6			
G23.0	1898.1	1321.5	1135.3	1309.8	1865.2	2568.2	3298.5			
G24.0	1768.8	1199.0	1032.4	1193.9	1750.9	2504.0	3255.4			
G25.0	1652.8	1095.8	946.2	1088.7	1627.8	2440.8	3207.4			
G26.0	1542.9	1004.1	865.9	985.5	1515.6	2369.6	3164.7			
G27.0	1436.9	926.2	810.3	910.4	1402.6	2286.4	3111.7			
G28.0	1332.3	850.8	758.5	842.9	1305.2	2208.4	3073.2			
G29.0	1235.9	802.1	713.5	791.9	1220.9	2131.1	3024.0			
G30.0	1143.9	754.9	674.9	745.7	1121.2	2044.6	2963.1			
G31.0	1054.3	711.0	624.7	698.4	1030.1	1956.4	2918.1			
G32.0	975.5	674.6	583.1	657.2	954.1	1871.5	2860.2			
G33.0	909.9	623.6	546.6	613.0	888.7	1778.4	2806.3			
G34.0	845.5	585.8	517.4	581.7	837.7	1696.5	2745.2			
G35.0	794.9	549.6	481.5	546.5	780.8	1619.3	2688.1			
G36.0	740.2	521.8	443.9	505.3	724.2	1548.5	2624.8			

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

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

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	691.6	486.9	416.3	477.5	682.0	1474.9	2560.2			
G38.0	650.7	445.7	384.5	438.1	642.8	1389.6	2499.7			
G39.0	613.5	417.7	362.2	409.7	609.7	1312.4	2423.8			
G40.0	585.3	389.8	334.0	384.9	570.2	1230.1	2352.2			
G41.0	551.3	361.9	309.8	355.1	537.7	1153.5	2278.7			
G42.0	520.7	337.4	281.4	320.2	510.6	1081.1	2212.9			
G43.0	494.1	306.4	257.9	302.6	483.4	1007.5	2125.8			
G44.0	462.8	280.1	237.8	277.0	457.4	946.5	2064.5			
G45.0	436.7	262.8	218.9	251.3	426.7	887.0	1996.4			
G46.0	410.1	242.6	200.8	232.8	403.7	825.1	1929.4			
G47.0	382.9	223.0	182.5	215.2	377.3	763.9	1857.7			
G48.0	358.6	205.2	167.4	198.3	352.7	708.2	1797.5			
G49.0	332.9	192.2	157.7	181.9	332.2	672.8	1737.7			
G50.0	316.4	174.7	144.4	167.9	311.0	634.4	1680.6			
G51.0	290.8	165.9	142.1	156.4	287.3	592.1	1622.2			
G52.0	275.8	151.0	135.0	148.1	267.5	555.9	1561.8			
G53.0	253.5	143.2	131.8	137.3	251.2	532.0	1507.5			
G54.0	235.6	135.3	124.6	135.6	234.8	498.1	1454.7			
G55.0	216.1	128.8	120.7	121.2	213.8	479.5	1395.5			
G56.0	201.8	124.3	116.5	115.1	203.0	456.5	1340.3			
G57.0	179.5	114.2	114.2	114.0	190.3	436.8	1290.1			
G58.0	176.6	111.5	105.4	103.2	173.4	417.4	1236.8			
G59.0	161.1	100.7	97.1	97.6	158.6	400.7	1179.7			
G60.0	151.2	92.1	88.5	92.8	147.3	379.9	1125.5			
G61.0	136.6	88.4	81.9	86.7	139.2	362.0	1064.0			
G62.0	126.0	82.7	78.7	74.2	130.6	342.2	1007.2			
G63.0	119.6	79.1	70.6	72.1	123.2	316.9	950.0			
G64.0	109.2	66.7	58.9	66.2	108.7	298.8	896.2			
G65.0	99.9	62.0	49.4	58.2	100.2	281.3	839.9			
G66.0	94.2	51.9	45.6	50.9	94.3	262.1	773.8			
G67.0	83.1	46.3	36.1	46.4	84.6	245.0	714.4			
G68.0	76.9	41.3	28.0	36.7	78.2	225.5	651.7			
G69.0	67.2	25.4	12.6	21.9	62.7	214.3	594.6			
G70.0	69.4	18.6	0.0	21.0	62.5	193.5	544.3			
G71.0	56.5	7.9	12.0	0.0	60.5	179.7	490.1			
G72.0	47.6	0.0	7.5	0.0	46.4	167.7	448.6			
G73.0	39.3	8.5	7.9	0.0	27.8	149.2	408.0			

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

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

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	34.5	9.2	8.6	0.0	40.6	135.4	367.7			
G75.0	22.2	10.1	9.3	9.0	20.3	129.3	331.9			
G76.0	31.1	10.4	9.2	10.2	31.4	117.5	300.4			
G77.0	28.2	11.5	8.8	0.0	27.1	108.3	274.9			
G78.0	20.6	0.0	12.9	7.5	30.2	101.5	248.3			
G79.0	23.6	8.3	9.7	8.6	32.3	92.2	222.3			
G80.0	26.5	11.0	13.1	8.5	26.4	85.4	199.3			
G81.0	26.1	9.5	11.9	11.2	26.4	81.1	174.8			
G82.0	22.0	11.9	13.5	9.0	25.2	68.0	162.0			
G83.0	23.6	0.0	7.5	0.0	21.6	67.4	141.6			
G84.0	17.3	9.2	10.6	0.0	21.6	63.9	122.9			
G85.0	22.0	10.1	11.9	9.0	20.3	56.5	112.0			
G86.0	7.9	10.1	10.6	0.0	21.2	55.1	100.4			
G87.0	20.7	9.0	10.2	7.4	20.8	55.8	95.0			
G88.0	18.2	0.0	8.1	14.0	17.4	47.7	83.4			
G89.0	15.0	11.7	9.5	11.5	19.2	48.1	76.9			
G90.0	16.1	8.5	13.5	8.3	22.1	46.1	69.5			
G91.0	17.2	8.3	15.3	11.7	23.5	42.9	69.5			
G92.0	15.9	12.1	7.2	10.2	20.5	48.4	67.5			
G93.0	18.4	7.7	12.2	0.0	19.8	44.8	66.5			
G94.0	17.7	7.4	14.0	0.0	19.8	40.4	69.5			
G95.0	15.4	8.3	13.8	12.0	17.6	35.9	67.2			
G96.0	17.9	8.6	9.2	11.3	18.9	36.2	58.0			
G97.0	14.8	7.7	14.5	10.8	18.3	29.8	65.2			
G98.0	14.7	11.9	13.3	10.4	18.9	36.9	64.0			
G99.0	17.2	0.0	13.8	10.4	16.5	27.3	61.7			
G100.0	17.5	14.4	14.4	10.6	19.6	36.8	60.5			
G101.0	16.8	11.7	13.5	10.4	19.4	32.1	63.0			
G102.0	12.7	10.3	12.4	13.1	12.0	24.9	66.3			
G103.0	14.7	0.0	14.5	11.7	16.7	28.0	62.1			
G104.0	15.2	10.4	11.9	8.8	15.1	27.1	64.9			
G105.0	11.3	10.6	14.7	10.6	14.0	23.3	61.2			
G106.0	13.6	7.4	12.7	0.0	17.4	23.0	53.1			
G107.0	14.3	15.1	9.5	8.5	17.2	23.5	63.1			
G108.0	12.5	11.3	11.7	11.9	15.4	25.5	62.1			
G109.0	13.0	12.6	13.3	11.5	18.7	21.7	61.5			
G110.0	10.5	9.5	15.3	9.0	16.5	25.1	54.0			

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

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

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	13.6	8.1	17.4	11.2	19.8	24.8	61.5			
G112.0	13.9	8.1	12.6	8.5	13.8	23.9	59.1			
G113.0	14.8	10.6	12.4	13.7	15.3	24.8	60.0			
G114.0	11.1	9.9	16.2	10.6	13.7	15.4	58.0			
G115.0	11.3	10.3	11.5	10.6	13.8	25.5	54.3			
G116.0	9.8	12.6	9.3	15.6	12.2	22.2	51.7			
G117.0	12.2	8.6	16.2	8.6	17.6	20.5	50.8			
G118.0	0.0	0.0	14.4	10.6	15.8	19.7	45.4			
G119.0	12.2	12.8	12.0	8.3	10.6	20.1	46.6			
G120.0	16.5	13.9	7.9	12.8	14.0	20.1	45.6			
G121.0	7.9	9.2	12.9	10.8	18.0	17.6	48.0			
G122.0	12.3	14.4	12.2	11.2	13.3	18.1	43.6			
G123.0	11.3	10.3	13.8	15.5	13.8	20.8	42.6			
G124.0	11.6	9.5	10.6	14.7	15.6	16.9	42.2			
G125.0	10.4	10.4	14.5	9.7	15.8	23.1	32.9			
G126.0	12.7	13.3	11.9	12.0	16.4	20.8	40.5			
G127.0	11.8	7.9	11.5	15.1	16.9	22.1	30.8			
G128.0	10.7	11.0	10.6	14.6	14.0	19.4	36.4			
G129.0	14.8	9.4	18.0	9.5	12.4	19.2	35.4			
G130.0	11.6	8.5	14.0	11.9	14.6	18.7	33.6			
G131.0	7.7	12.6	14.2	11.9	17.8	19.2	32.0			
G132.0	11.4	15.1	14.5	8.8	14.6	17.4	35.5			
G133.0	8.6	0.0	10.2	13.8	16.4	19.4	31.0			
G134.0	13.9	9.4	14.0	10.8	11.7	16.0	31.7			
G135.0	10.5	11.2	10.2	12.9	12.0	17.8	33.4			
G136.0	11.1	12.1	11.7	14.4	14.7	14.5	30.8			
G137.0	12.7	11.2	14.7	12.9	15.8	10.2	30.3			
G138.0	18.4	15.7	11.9	14.4	16.4	19.0	33.9			
G139.0	14.3	11.9	13.5	14.9	16.2	19.2	28.1			
G140.0	12.2	13.7	16.0	13.1	15.3	19.0	29.2			
G141.0	14.3	10.4	14.4	15.6	17.6	21.0	30.4			
G142.0	14.8	10.3	9.3	11.3	15.3	11.3	26.4			
G143.0	11.4	10.3	16.0	15.5	15.8	17.0	17.4			
G144.0	12.7	13.7	11.0	14.0	17.4	17.6	28.1			
G145.0	16.6	14.4	14.0	13.3	12.6	14.7	25.7			
G146.0	13.9	14.2	16.7	15.3	13.8	12.4	27.1			
G147.0	15.4	16.2	17.6	16.7	15.4	16.1	23.2			

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

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

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	15.7	11.7	19.0	17.4	17.1	15.6	25.3			
G149.0	13.2	16.2	16.9	10.8	16.4	17.2	27.1			
G150.0	16.1	9.7	18.5	16.2	16.5	17.4	23.7			
G151.0	16.5	16.6	18.0	18.0	17.8	16.3	21.5			
G152.0	14.5	15.5	12.9	16.5	14.6	18.7	20.8			
G153.0	13.6	9.5	13.8	17.4	17.1	15.4	22.0			
G154.0	11.8	15.7	14.2	15.8	18.7	16.9	21.8			
G155.0	13.6	14.6	17.6	19.4	18.0	16.3	18.6			
G156.0	16.6	12.1	12.7	15.6	17.8	19.4	22.9			
G157.0	12.7	17.5	16.3	16.0	21.7	15.6	17.4			
G158.0	13.9	15.1	17.4	16.7	19.4	16.7	19.7			
G159.0	15.0	14.6	15.8	14.7	16.5	16.9	23.2			
G160.0	16.5	18.0	16.9	12.4	19.4	20.1	22.7			
G161.0	15.9	14.8	16.9	7.4	19.8	13.6	21.6			
G162.0	14.3	11.7	18.0	18.3	18.9	16.0	21.5			
G163.0	15.2	18.6	18.0	14.2	19.0	19.7	23.9			
G164.0	17.2	15.9	18.0	21.4	18.5	20.1	17.1			
G165.0	18.6	13.7	17.8	17.6	15.1	18.3	21.5			
G166.0	14.1	16.4	19.0	12.4	14.9	15.8	22.5			
G167.0	12.5	14.6	17.6	19.6	18.9	17.9	20.6			
G168.0	14.1	14.4	17.8	16.2	20.5	10.9	21.8			
G169.0	19.1	16.4	22.4	21.6	18.1	20.3	22.5			
G170.0	16.1	16.4	16.5	21.8	20.7	20.1	21.6			
G171.0	19.1	18.0	21.4	19.2	21.2	15.1	19.7			
G172.0	12.9	17.3	9.9	20.0	20.8	16.1	20.9			
G173.0	15.9	17.1	18.5	13.8	18.3	19.5	24.6			
G174.0	16.6	17.5	16.9	14.4	13.1	15.8	22.9			
G175.0	11.8	15.0	18.7	18.7	19.0	16.7	24.6			
G176.0	17.5	17.7	15.6	9.7	21.0	18.7	21.6			
G177.0	15.9	15.3	15.6	13.8	18.7	16.9	23.4			
G178.0	19.1	13.9	21.0	14.4	15.3	13.3	20.9			
G179.0	9.5	16.4	16.3	12.4	16.9	13.3	15.1			
G180.0	15.2	16.2	13.8	16.7	19.4	14.7	24.8			

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

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