

Report No.:

Test Time: 2023/6/25 09:43

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.240 A
Power Factor: 0.948

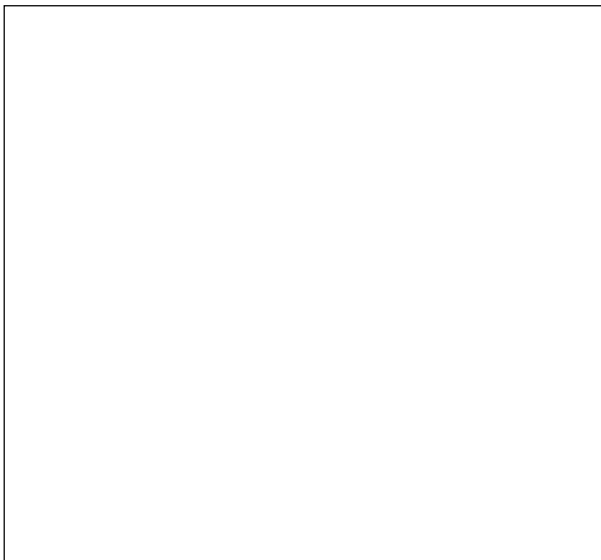
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 277.0 V
Power: 63.13 W

Photometric Results

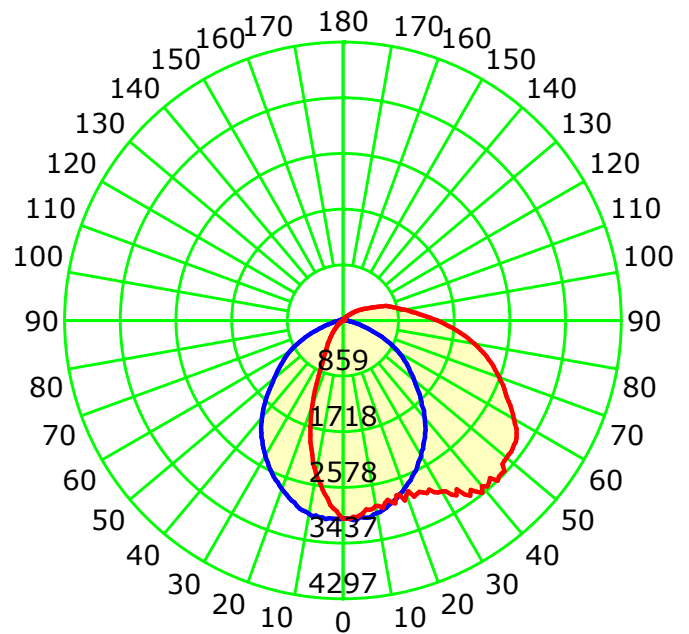
IES Classification: Type IV
Total Rated Lamp Lumens: 8860.2 lm
Efficiency: 100%
Upward Ratio: 10%
C0r0 Intensity: 3058.37 cd
Pos of Max. Intensity: H90 V44
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 95.0, 102.8, 100.6, 100.2

Longitudinal Classification: Very Short
Measurement Flux: 8860.2 lm
Downward Ratio: 90%
Luminaire Efficacy Rating (LER): 140.40
Max. Intensity: 3437.72 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

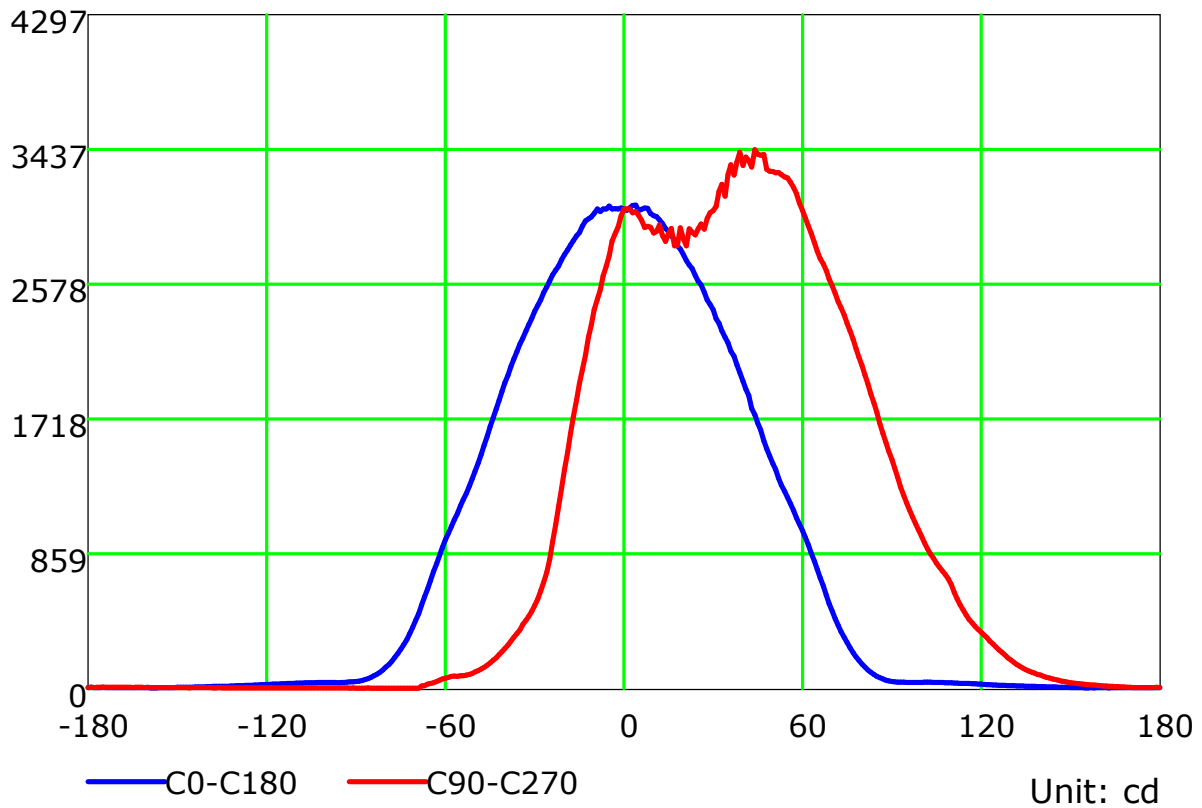
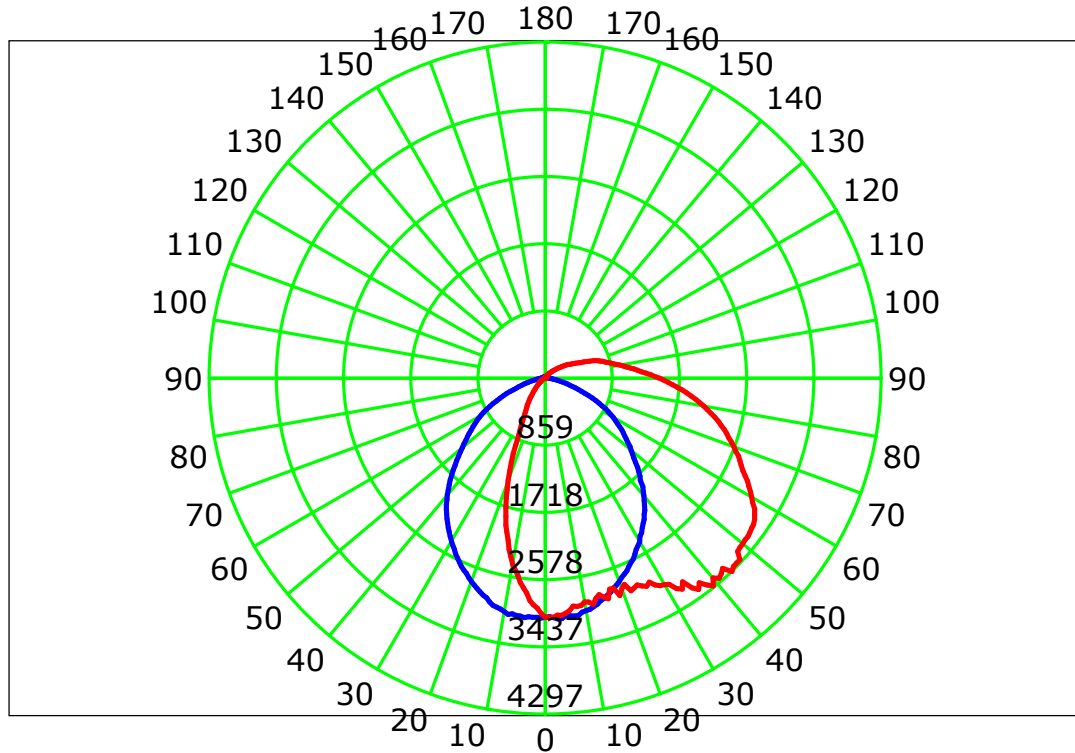
Average Diffuse Angle(50%): 98.9°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 °C
Operator:

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

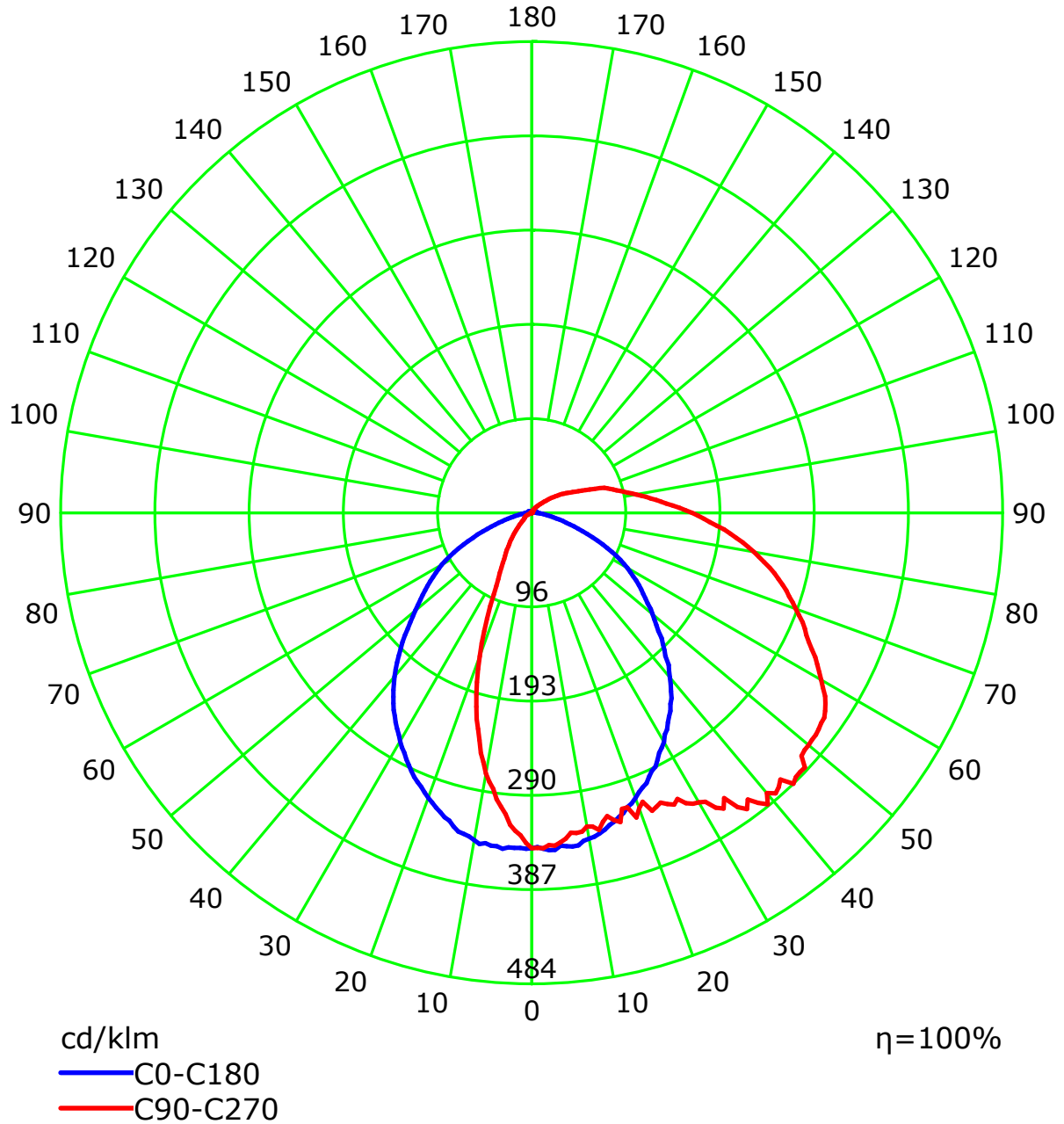
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
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 Test Type: TYPE C
 Temperature: 24.7 °C
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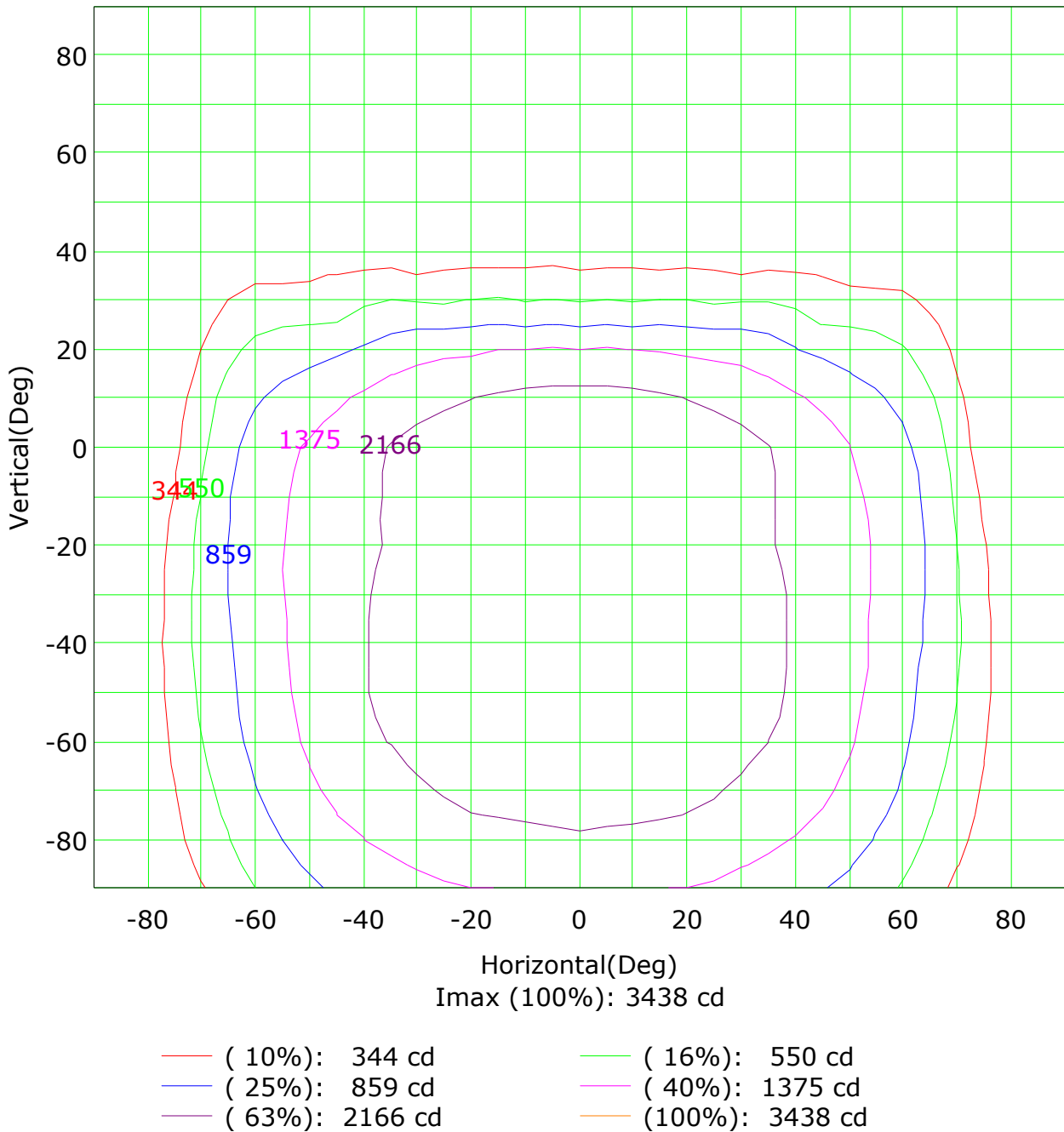
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °C
 Operator:

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

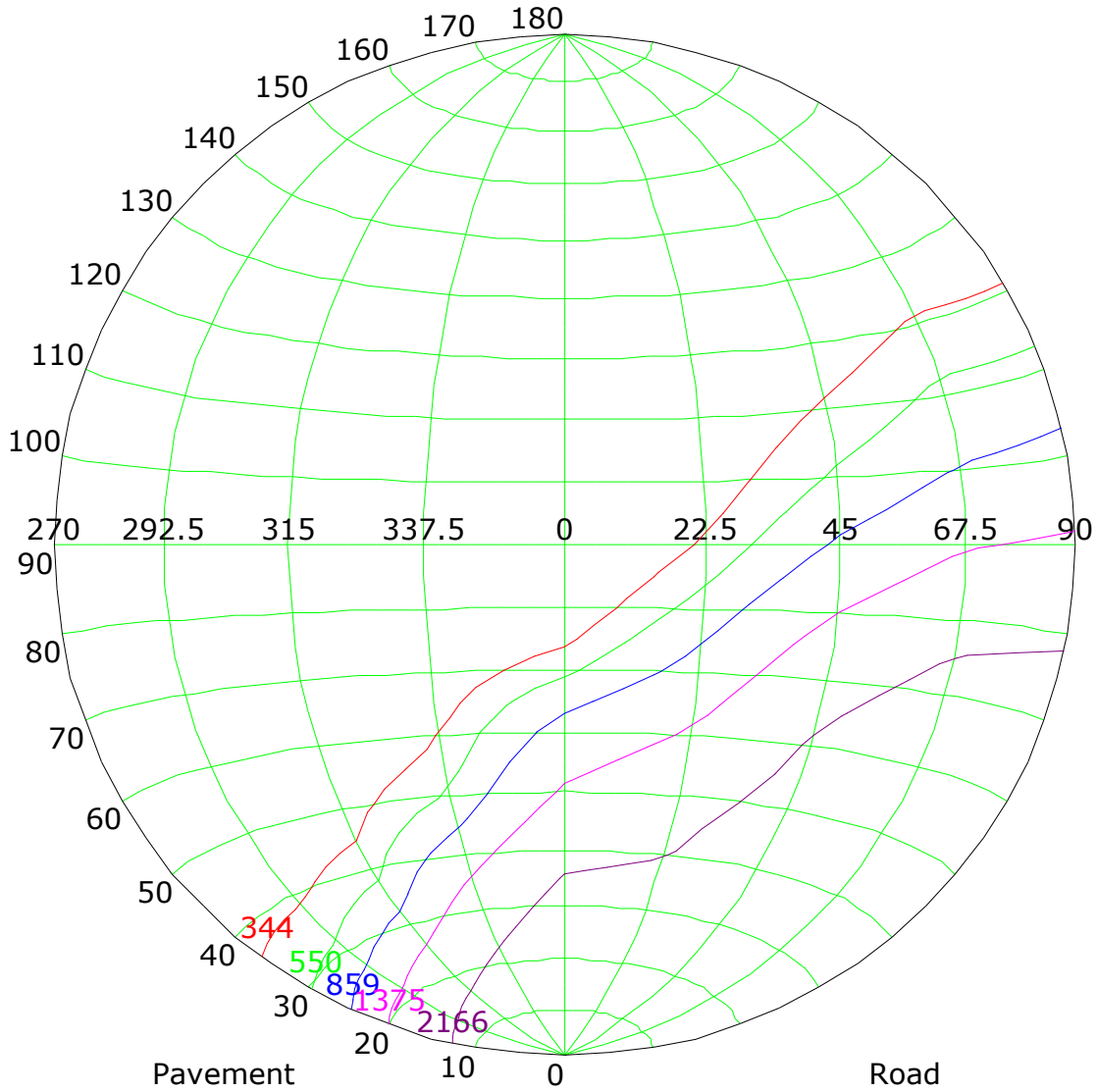
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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%): 3438 cd

- | | |
|-------------------|-------------------|
| — (10%): 344 cd | — (16%): 550 cd |
| — (25%): 859 cd | — (40%): 1375 cd |
| — (63%): 2166 cd | — (100%): 3438 cd |

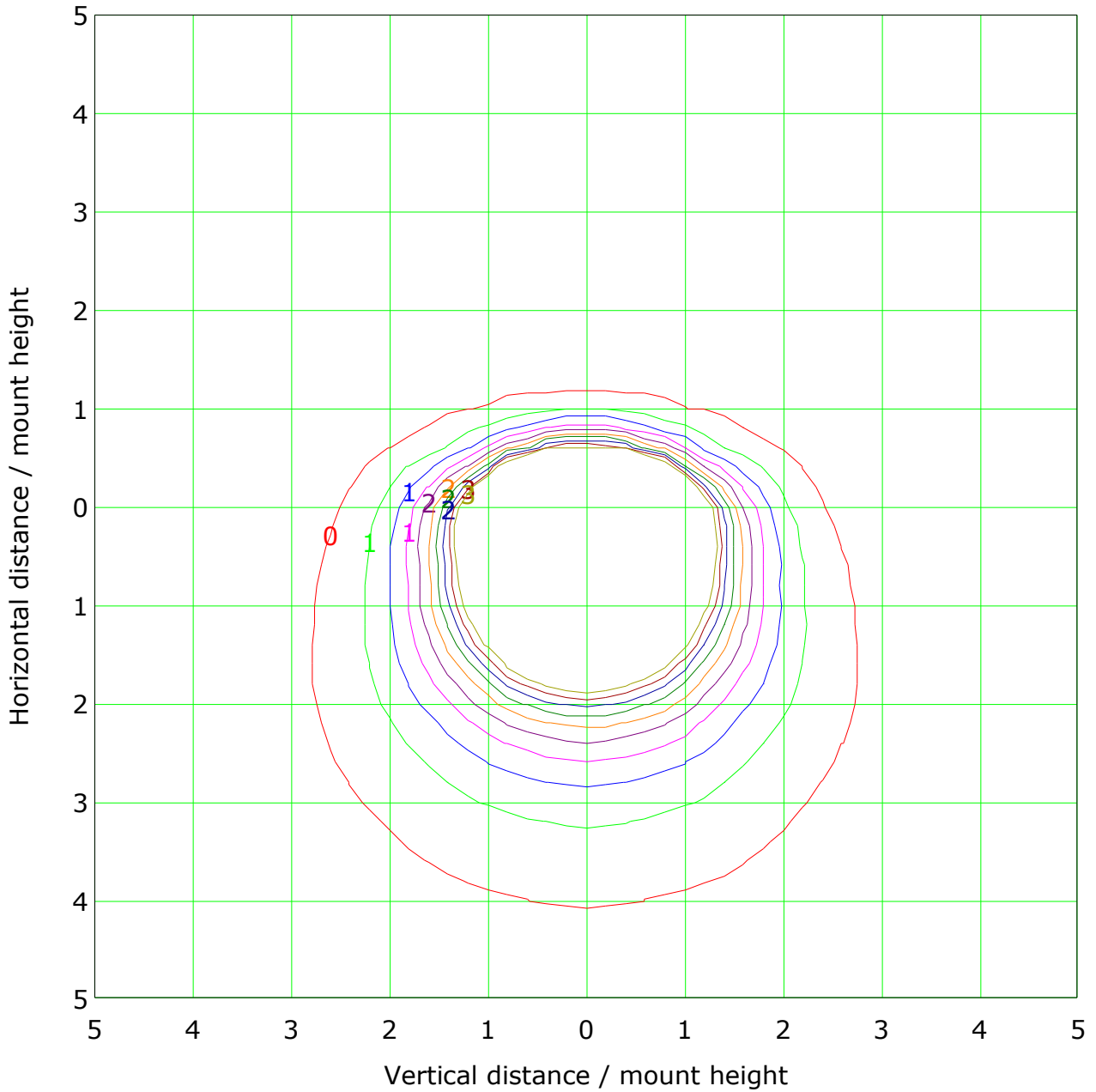
CIE: broad - short
CIE: Non-cut-off luminaire
Max.At90: 165.168 cd/klm

IES: Non-cut-off
Max.At80: 232.276 cd/klm
Max.80-90: 232.276 cd/klm

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Test Lab:
Test Type: TYPE C
Temperature: 24.7 °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



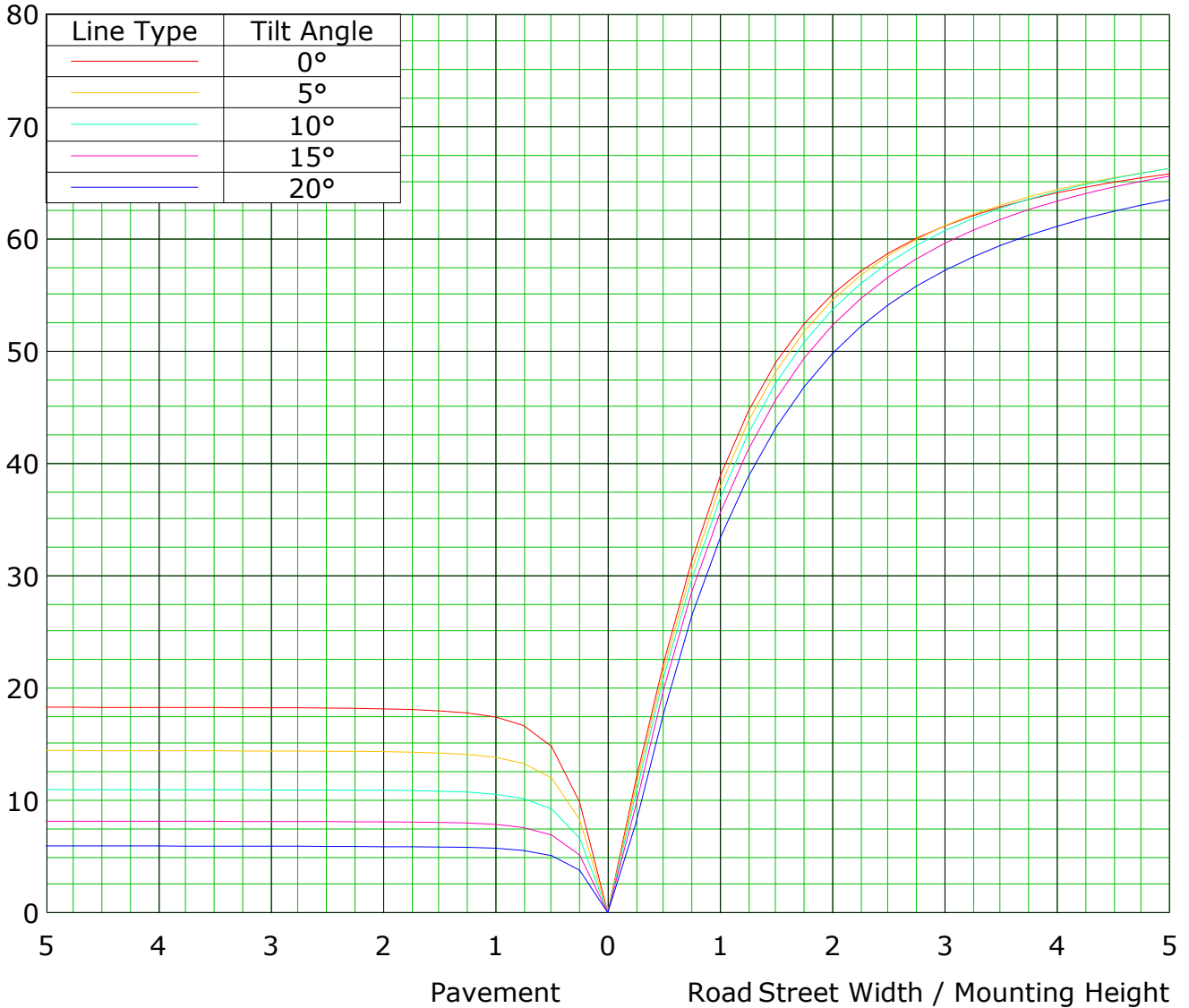
Mounting Height: 10.0m		Max Lux(100%): 30.8 lx	
— (1%):	0.3 lx	— (2%):	0.6 lx
— (3%):	0.9 lx	— (4%):	1.2 lx
— (5%):	1.5 lx	— (6%):	1.8 lx
— (7%):	2.2 lx	— (8%):	2.5 lx
— (9%):	2.8 lx	— (10%):	3.1 lx

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 Test Device: GPM-3000
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 Humidity:
 Inspector:

Roadway CU Curve

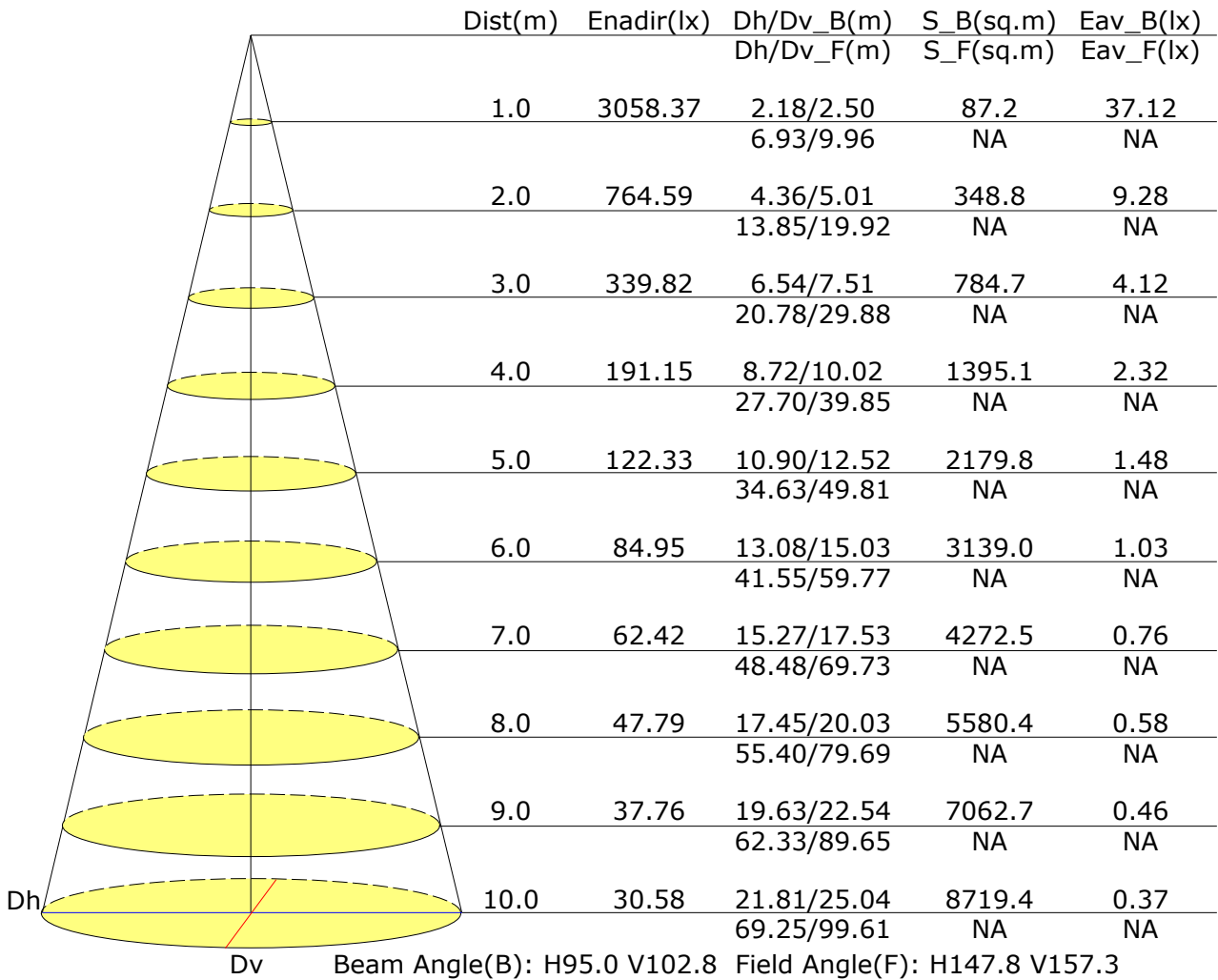
Efficiency(%)



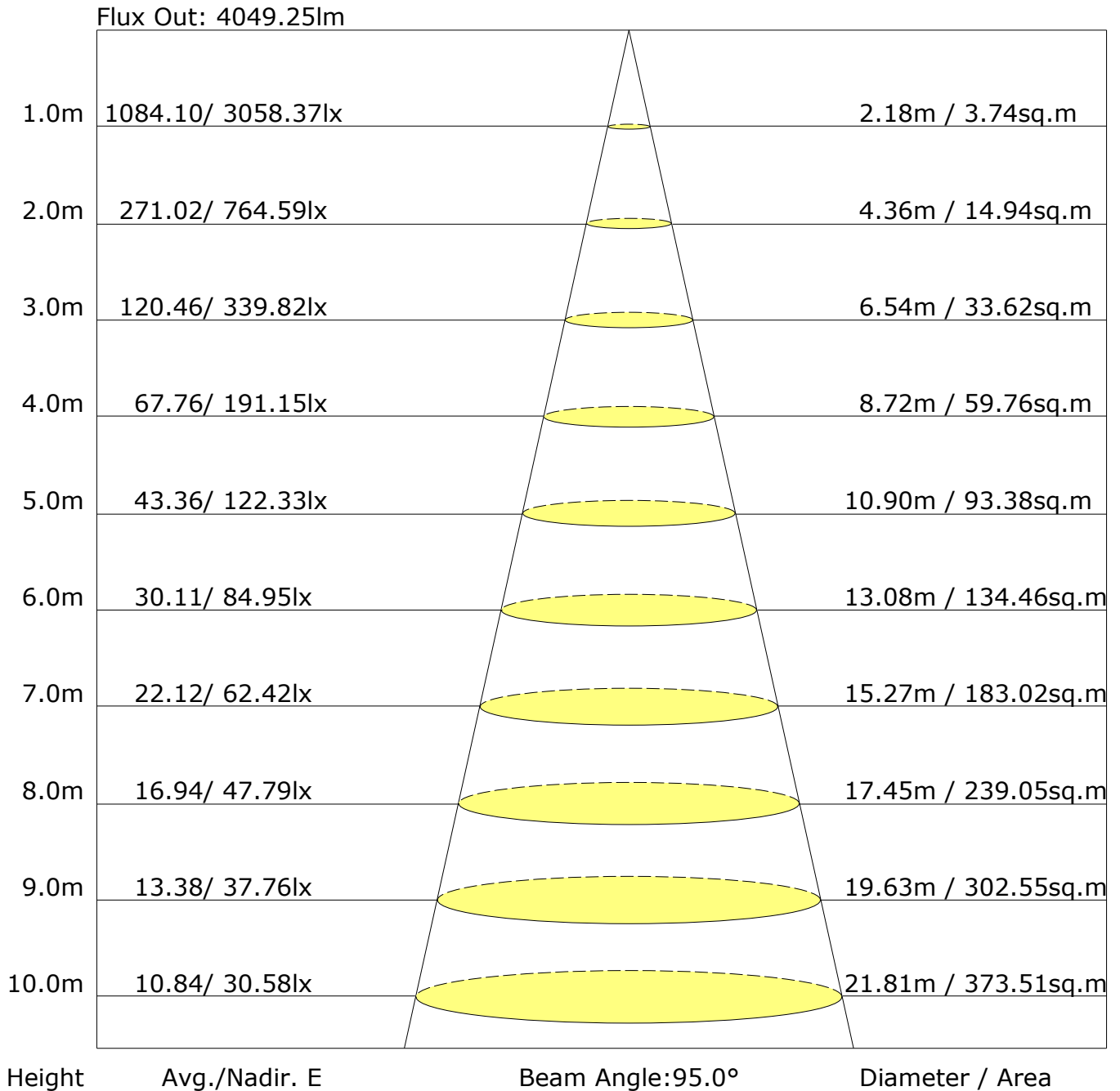
C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

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



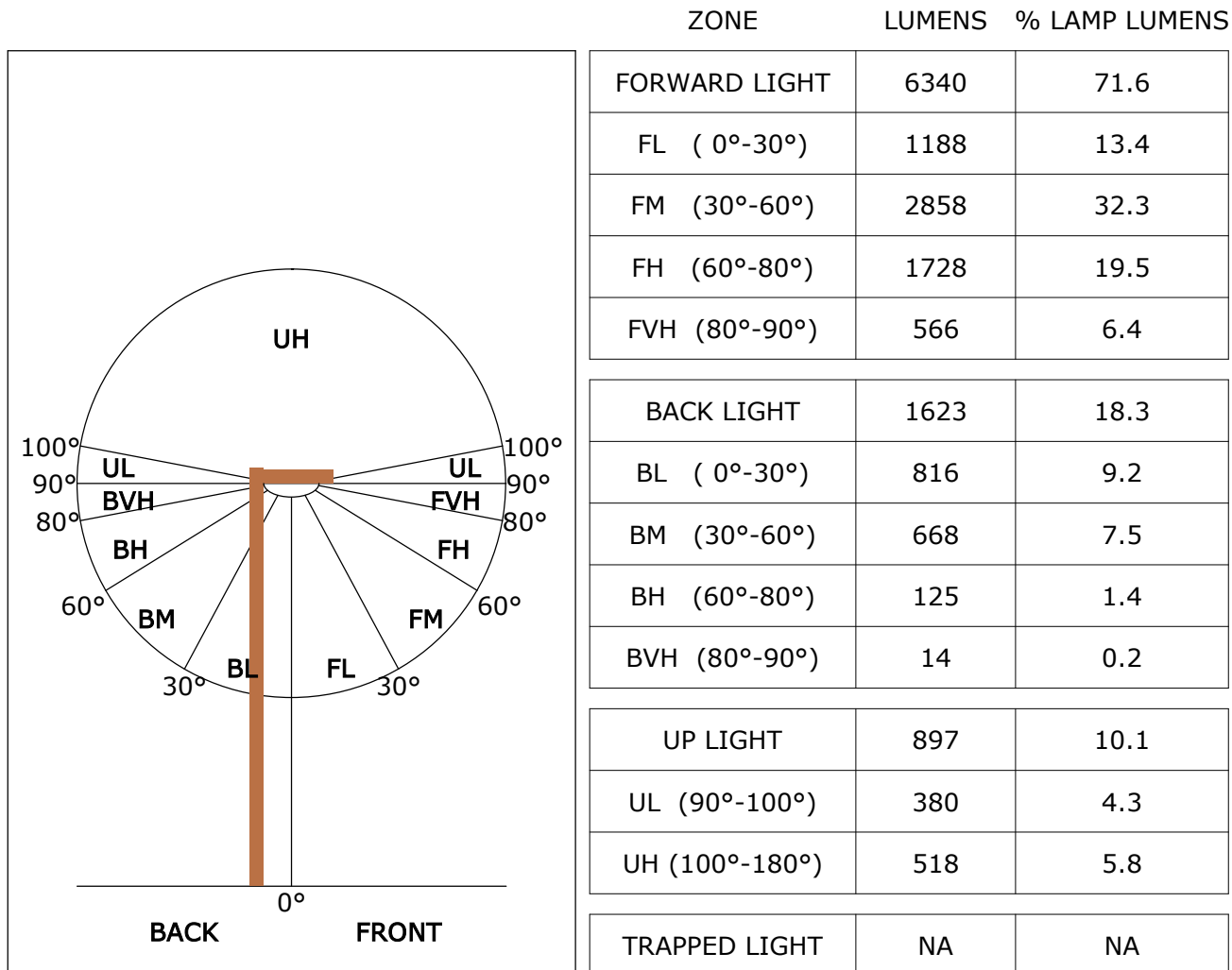
The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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



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

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	3055.3	2.9	2.9	0.03	0.03
1.0-2.0	3043.2	8.7	11.7	0.10	0.13
2.0-3.0	3025.6	14.5	26.1	0.16	0.29
3.0-4.0	3008.4	20.1	46.3	0.23	0.52
4.0-5.0	2984.8	25.7	72.0	0.29	0.81
5.0-6.0	2954.9	31.1	103.0	0.35	1.16
6.0-7.0	2922.7	36.3	139.3	0.41	1.57
7.0-8.0	2890.5	41.4	180.7	0.47	2.04
8.0-9.0	2862.6	46.4	227.1	0.52	2.56
9.0-10.0	2834.5	51.3	278.4	0.58	3.14
10.0-11.0	2801.1	56.0	334.3	0.63	3.77
11.0-12.0	2765.5	60.5	394.8	0.68	4.46
12.0-13.0	2728.2	64.8	459.6	0.73	5.19
13.0-14.0	2680.9	68.6	528.2	0.77	5.96
14.0-15.0	2631.7	72.3	600.4	0.82	6.78
15.0-16.0	2594.1	76.0	676.5	0.86	7.63
16.0-17.0	2556.2	79.6	756.1	0.90	8.53
17.0-18.0	2504.4	82.6	838.7	0.93	9.47
18.0-19.0	2450.6	85.3	923.9	0.96	10.43
19.0-20.0	2407.1	88.1	1012.0	0.99	11.42
20.0-21.0	2366.4	90.9	1102.9	1.03	12.45
21.0-22.0	2318.4	93.2	1196.1	1.05	13.50
22.0-23.0	2262.7	95.0	1291.1	1.07	14.57
23.0-24.0	2212.4	96.7	1387.8	1.09	15.66
24.0-25.0	2168.6	98.6	1486.4	1.11	16.78
25.0-26.0	2125.9	100.4	1586.8	1.13	17.91
26.0-27.0	2085.0	102.0	1688.8	1.15	19.06
27.0-28.0	2044.5	103.5	1792.3	1.17	20.23
28.0-29.0	2005.9	105.0	1897.3	1.18	21.41
29.0-30.0	1972.0	106.5	2003.8	1.20	22.62
30.0-31.0	1941.0	108.0	2111.8	1.22	23.83
31.0-32.0	1911.2	109.5	2221.3	1.24	25.07
32.0-33.0	1881.4	110.9	2332.2	1.25	26.32
33.0-34.0	1854.0	112.2	2444.4	1.27	27.59
34.0-35.0	1832.7	113.8	2558.2	1.28	28.87
35.0-36.0	1806.3	115.0	2673.2	1.30	30.17

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 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 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxS [%]	Sum Rel Zonal Flux [%]
36.0-37.0	1780.3	116.1	2789.3	1.31	31.48
37.0-38.0	1762.5	117.7	2907.0	1.33	32.81
38.0-39.0	1738.3	118.7	3025.7	1.34	34.15
39.0-40.0	1708.3	119.2	3144.8	1.34	35.49
40.0-41.0	1685.2	120.0	3264.9	1.35	36.85
41.0-42.0	1660.3	120.6	3385.5	1.36	38.21
42.0-43.0	1628.4	120.6	3506.1	1.36	39.57
43.0-44.0	1601.2	120.9	3627.0	1.36	40.94
44.0-45.0	1579.5	121.4	3748.4	1.37	42.31
45.0-46.0	1555.5	121.7	3870.1	1.37	43.68
46.0-47.0	1526.8	121.4	3991.5	1.37	45.05
47.0-48.0	1498.7	121.2	4112.7	1.37	46.42
48.0-49.0	1471.8	120.9	4233.6	1.36	47.78
49.0-50.0	1442.8	120.3	4353.9	1.36	49.14
50.0-51.0	1415.9	119.8	4473.7	1.35	50.49
51.0-52.0	1391.6	119.4	4593.1	1.35	51.84
52.0-53.0	1367.3	119.0	4712.1	1.34	53.18
53.0-54.0	1344.5	118.5	4830.6	1.34	54.52
54.0-55.0	1324.0	118.2	4948.8	1.33	55.85
55.0-56.0	1302.7	117.7	5066.5	1.33	57.18
56.0-57.0	1280.4	117.1	5183.6	1.32	58.50
57.0-58.0	1257.9	116.3	5300.0	1.31	59.82
58.0-59.0	1234.4	115.4	5415.4	1.30	61.12
59.0-60.0	1209.6	114.3	5529.7	1.29	62.41
60.0-61.0	1183.2	112.9	5642.6	1.27	63.68
61.0-62.0	1155.0	111.3	5753.9	1.26	64.94
62.0-63.0	1125.5	109.5	5863.4	1.24	66.18
63.0-64.0	1095.0	107.5	5970.8	1.21	67.39
64.0-65.0	1064.2	105.3	6076.2	1.19	68.58
65.0-66.0	1033.3	103.1	6179.3	1.16	69.74
66.0-67.0	1002.7	100.8	6280.1	1.14	70.88
67.0-68.0	972.8	98.6	6378.7	1.11	71.99
68.0-69.0	942.6	96.2	6474.9	1.09	73.08
69.0-70.0	913.6	93.8	6568.7	1.06	74.14
70.0-71.0	886.0	91.6	6660.3	1.03	75.17
71.0-72.0	858.6	89.3	6749.6	1.01	76.18

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxS [%]	Sum Rel Zonal Flux [%]
72.0-73.0	832.1	87.0	6836.6	0.98	77.16
73.0-74.0	806.8	84.8	6921.4	0.96	78.12
74.0-75.0	782.3	82.7	7004.1	0.93	79.05
75.0-76.0	757.7	80.4	7084.5	0.91	79.96
76.0-77.0	732.6	78.1	7162.6	0.88	80.84
77.0-78.0	707.4	75.7	7238.4	0.85	81.70
78.0-79.0	682.5	73.3	7311.7	0.83	82.52
79.0-80.0	658.1	71.0	7382.7	0.80	83.32
80.0-81.0	633.9	68.6	7451.2	0.77	84.10
81.0-82.0	610.5	66.2	7517.5	0.75	84.85
82.0-83.0	587.0	63.8	7581.3	0.72	85.57
83.0-84.0	563.4	61.4	7642.7	0.69	86.26
84.0-85.0	540.5	59.0	7701.7	0.67	86.92
85.0-86.0	518.1	56.6	7758.3	0.64	87.56
86.0-87.0	496.6	54.4	7812.7	0.61	88.18
87.0-88.0	476.0	52.2	7864.8	0.59	88.77
88.0-89.0	456.2	50.0	7914.8	0.56	89.33
89.0-90.0	437.3	48.0	7962.8	0.54	89.87
90.0-91.0	419.1	46.0	8008.7	0.52	90.39
91.0-92.0	401.2	44.0	8052.7	0.50	90.89
92.0-93.0	383.8	42.0	8094.8	0.47	91.36
93.0-94.0	367.4	40.2	8135.0	0.45	91.82
94.0-95.0	352.3	38.5	8173.5	0.43	92.25
95.0-96.0	337.7	36.9	8210.3	0.42	92.67
96.0-97.0	323.5	35.2	8245.6	0.40	93.06
97.0-98.0	310.3	33.7	8279.3	0.38	93.44
98.0-99.0	297.8	32.3	8311.6	0.36	93.81
99.0-100.0	285.6	30.9	8342.5	0.35	94.16
100.0-101.0	274.1	29.6	8372.1	0.33	94.49
101.0-102.0	263.4	28.3	8400.4	0.32	94.81
102.0-103.0	253.2	27.1	8427.5	0.31	95.12
103.0-104.0	243.6	26.0	8453.5	0.29	95.41
104.0-105.0	234.3	24.9	8478.3	0.28	95.69
105.0-106.0	225.2	23.8	8502.1	0.27	95.96
106.0-107.0	216.4	22.8	8524.9	0.26	96.22
107.0-108.0	208.1	21.8	8546.7	0.25	96.46

C Plane (°):0.0-360.0: 22.5
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 Test Type: TYPE C
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 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 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	200.0	20.8	8567.5	0.23	96.70
109.0-110.0	191.5	19.8	8587.3	0.22	96.92
110.0-111.0	182.3	18.7	8606.0	0.21	97.13
111.0-112.0	173.1	17.7	8623.6	0.20	97.33
112.0-113.0	164.3	16.6	8640.3	0.19	97.52
113.0-114.0	156.0	15.7	8656.0	0.18	97.70
114.0-115.0	148.2	14.8	8670.8	0.17	97.86
115.0-116.0	140.6	13.9	8684.7	0.16	98.02
116.0-117.0	133.2	13.1	8697.8	0.15	98.17
117.0-118.0	126.3	12.3	8710.0	0.14	98.31
118.0-119.0	119.6	11.5	8721.6	0.13	98.44
119.0-120.0	113.2	10.8	8732.4	0.12	98.56
120.0-121.0	106.9	10.1	8742.5	0.11	98.67
121.0-122.0	100.7	9.4	8751.9	0.11	98.78
122.0-123.0	94.4	8.7	8760.6	0.10	98.88
123.0-124.0	88.3	8.1	8768.7	0.09	98.97
124.0-125.0	82.4	7.5	8776.1	0.08	99.05
125.0-126.0	76.9	6.9	8783.0	0.08	99.13
126.0-127.0	71.8	6.3	8789.3	0.07	99.20
127.0-128.0	66.9	5.8	8795.2	0.07	99.27
128.0-129.0	62.2	5.3	8800.5	0.06	99.33
129.0-130.0	57.7	4.9	8805.4	0.06	99.38
130.0-131.0	53.6	4.5	8809.9	0.05	99.43
131.0-132.0	49.9	4.1	8814.0	0.05	99.48
132.0-133.0	46.7	3.8	8817.7	0.04	99.52
133.0-134.0	43.8	3.5	8821.2	0.04	99.56
134.0-135.0	41.0	3.2	8824.4	0.04	99.60
135.0-136.0	38.5	3.0	8827.4	0.03	99.63
136.0-137.0	36.2	2.7	8830.1	0.03	99.66
137.0-138.0	34.0	2.5	8832.6	0.03	99.69
138.0-139.0	31.9	2.3	8834.9	0.03	99.72
139.0-140.0	30.0	2.1	8837.1	0.02	99.74
140.0-141.0	28.1	2.0	8839.0	0.02	99.76
141.0-142.0	26.4	1.8	8840.8	0.02	99.78
142.0-143.0	24.9	1.7	8842.5	0.02	99.80
143.0-144.0	23.5	1.5	8844.0	0.02	99.82

C Plane (°):0.0-360.0: 22.5
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 Test Type: TYPE C
 Temperature: 24.7 °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 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxS [%]	Sum Rel Zonal Flux [%]
144.0-145.0	22.1	1.4	8845.4	0.02	99.83
145.0-146.0	20.8	1.3	8846.7	0.01	99.85
146.0-147.0	19.6	1.2	8847.9	0.01	99.86
147.0-148.0	18.5	1.1	8849.0	0.01	99.87
148.0-149.0	17.3	1.0	8850.0	0.01	99.89
149.0-150.0	16.3	0.9	8850.9	0.01	99.90
150.0-151.0	15.5	0.8	8851.7	0.01	99.90
151.0-152.0	14.7	0.8	8852.5	0.01	99.91
152.0-153.0	14.0	0.7	8853.2	0.01	99.92
153.0-154.0	13.3	0.7	8853.9	0.01	99.93
154.0-155.0	12.6	0.6	8854.5	0.01	99.94
155.0-156.0	12.1	0.5	8855.0	0.01	99.94
156.0-157.0	11.6	0.5	8855.5	0.01	99.95
157.0-158.0	11.1	0.5	8856.0	0.01	99.95
158.0-159.0	10.7	0.4	8856.4	0.00	99.96
159.0-160.0	10.4	0.4	8856.8	0.00	99.96
160.0-161.0	10.1	0.4	8857.2	0.00	99.97
161.0-162.0	9.7	0.3	8857.5	0.00	99.97
162.0-163.0	9.4	0.3	8857.8	0.00	99.97
163.0-164.0	9.2	0.3	8858.1	0.00	99.98
164.0-165.0	8.9	0.3	8858.4	0.00	99.98
165.0-166.0	8.7	0.2	8858.6	0.00	99.98
166.0-167.0	8.5	0.2	8858.8	0.00	99.99
167.0-168.0	8.4	0.2	8859.0	0.00	99.99
168.0-169.0	8.3	0.2	8859.2	0.00	99.99
169.0-170.0	8.2	0.2	8859.4	0.00	99.99
170.0-171.0	8.2	0.1	8859.5	0.00	99.99
171.0-172.0	8.2	0.1	8859.7	0.00	99.99
172.0-173.0	8.2	0.1	8859.8	0.00	100.00
173.0-174.0	8.2	0.1	8859.9	0.00	100.00
174.0-175.0	8.2	0.1	8860.0	0.00	100.00
175.0-176.0	8.1	0.1	8860.0	0.00	100.00
176.0-177.0	8.0	0.1	8860.1	0.00	100.00
177.0-178.0	7.9	0.0	8860.1	0.00	100.00
178.0-179.0	7.9	0.0	8860.2	0.00	100.00
179.0-180.0	7.9	0.0	8860.2	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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°): 3748.41 lm

%lum = 42.3%

%lamp = 42.3%

cone flux(120°): 5529.67 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	3058.4	3058.4	3058.4	3058.4	3058.4	3058.4	3058.4	3058.4	3058.4	3058.4
G1.0	3050.1	3065.3	3067.3	3064.3	3058.4	3066.9	3077.8	3081.7	3065.8	3055.0
G2.0	3066.0	3081.6	3059.9	3058.4	3060.0	3077.8	3072.0	3063.7	3059.6	3025.4
G3.0	3082.1	3076.2	3078.5	3045.8	3035.0	3062.0	3066.9	3058.1	3061.9	3014.2
G4.0	3082.7	3088.3	3064.1	3054.4	3043.6	3054.2	3045.6	3052.9	3058.1	2982.6
G5.0	3049.1	3060.9	3069.7	3051.0	3017.6	3034.0	3035.8	3067.1	3076.5	2966.5
G6.0	3057.0	3042.1	3064.6	3031.8	2987.8	3026.0	3045.5	3061.2	3058.4	2935.2
G7.0	3065.8	3034.6	3014.8	2990.3	2939.8	2978.2	3035.4	3026.4	3059.0	2920.1
G8.0	3062.6	3026.7	2992.9	2971.6	2948.9	2953.8	3026.8	3024.2	3041.7	2907.0
G9.0	3031.1	3034.7	2971.8	2987.4	2943.0	2949.9	2970.3	3013.8	3059.1	2883.0
G10.0	3017.1	3019.2	2950.6	2973.9	2905.8	2937.7	2947.8	3050.4	3029.9	2848.2
G11.0	3010.5	3016.3	2971.2	2925.1	2916.6	2907.7	2953.2	3027.5	3007.6	2789.5
G12.0	2989.3	2988.3	2949.7	2940.0	2956.7	2934.0	2944.1	2986.7	2994.9	2735.0
G13.0	2967.0	2951.8	2901.2	2951.2	2891.6	2968.6	2935.2	2969.7	2983.4	2695.3
G14.0	2935.3	2928.7	2852.7	2884.3	2852.5	2913.0	2897.0	2945.5	2948.8	2646.9
G15.0	2916.1	2871.1	2866.3	2855.8	2901.6	2855.6	2878.0	2929.3	2907.8	2596.4
G16.0	2886.6	2838.6	2909.2	2882.3	2934.9	2884.0	2911.1	2865.4	2888.0	2555.4
G17.0	2863.4	2799.1	2898.5	2935.4	2824.1	2928.5	2906.3	2814.5	2856.2	2504.1
G18.0	2824.1	2785.1	2834.2	2846.8	2826.2	2849.5	2856.0	2795.3	2828.3	2447.3
G19.0	2803.0	2783.7	2779.9	2793.9	2939.0	2791.0	2803.2	2777.6	2797.1	2398.7
G20.0	2768.1	2765.9	2779.6	2892.5	2867.6	2883.8	2791.4	2770.0	2767.3	2329.6
G21.0	2730.9	2727.6	2810.2	2923.3	2824.1	2901.2	2829.0	2729.6	2734.1	2276.3
G22.0	2702.4	2676.6	2785.4	2835.9	2932.3	2832.0	2810.2	2703.6	2695.4	2219.6
G23.0	2679.8	2625.1	2712.6	2836.3	2912.9	2817.0	2748.2	2670.3	2669.6	2160.8
G24.0	2635.1	2590.4	2667.1	2920.4	2894.6	2919.8	2695.3	2627.3	2637.7	2117.9
G25.0	2597.1	2553.7	2704.0	2898.0	2931.9	2900.7	2695.6	2602.0	2599.3	2070.6
G26.0	2575.5	2547.1	2726.5	2883.2	2962.2	2885.5	2740.3	2566.0	2562.5	2002.7
G27.0	2528.6	2549.3	2701.6	2903.8	2930.3	2903.0	2728.6	2555.7	2524.8	1942.5
G28.0	2479.8	2561.7	2635.4	2896.9	2998.7	2916.3	2671.9	2545.6	2479.4	1884.6
G29.0	2450.0	2536.7	2611.4	2907.3	3035.2	2909.2	2627.8	2531.2	2445.3	1813.6
G30.0	2416.1	2495.8	2632.1	2930.3	3049.1	2932.2	2648.3	2500.7	2405.8	1749.5
G31.0	2358.5	2425.6	2634.2	2972.3	3075.6	2981.9	2639.7	2454.2	2360.5	1692.7
G32.0	2331.2	2362.5	2636.4	2984.9	3171.0	3008.7	2634.1	2414.3	2321.1	1625.1
G33.0	2281.1	2347.7	2620.8	2966.4	3216.3	2988.0	2628.5	2369.6	2281.6	1571.9
G34.0	2241.0	2343.3	2595.9	3072.8	3140.0	3080.5	2624.8	2337.9	2234.3	1506.4
G35.0	2205.8	2325.1	2584.6	3082.9	3276.8	3097.9	2598.6	2322.4	2196.9	1431.1
G36.0	2153.6	2304.6	2583.4	3036.6	3341.1	3058.2	2584.5	2289.1	2149.7	1362.7

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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	2119.7	2275.7	2602.3	3141.2	3275.4	3119.5	2591.2	2261.7	2101.5	1292.9
G38.0	2065.3	2242.4	2607.4	3162.4	3358.3	3183.9	2604.5	2232.3	2054.2	1237.7
G39.0	2015.1	2182.5	2582.4	3147.2	3420.5	3142.4	2584.4	2192.8	1999.7	1171.7
G40.0	1961.7	2141.3	2560.5	3224.3	3337.2	3207.3	2566.9	2150.4	1949.8	1101.2
G41.0	1908.9	2114.0	2594.2	3218.3	3390.4	3252.3	2564.8	2119.2	1896.0	1040.1
G42.0	1868.3	2097.0	2573.3	3179.4	3368.1	3194.6	2586.4	2090.3	1839.2	979.1
G43.0	1788.0	2061.4	2544.3	3200.7	3326.3	3212.9	2546.2	2054.3	1783.0	910.8
G44.0	1746.4	2023.8	2539.8	3176.6	3437.7	3186.1	2519.5	2013.3	1723.6	852.8
G45.0	1694.1	1990.8	2593.9	3184.3	3407.2	3188.4	2557.8	1970.8	1671.3	798.4
G46.0	1649.8	1960.4	2528.6	3186.8	3402.7	3198.2	2555.8	1939.7	1610.0	737.1
G47.0	1581.3	1903.5	2501.4	3181.5	3407.0	3185.6	2493.8	1916.2	1550.3	687.3
G48.0	1530.9	1851.0	2566.4	3178.1	3312.8	3198.9	2489.8	1875.0	1493.4	639.5
G49.0	1485.4	1812.5	2506.4	3147.7	3300.1	3166.2	2522.4	1815.7	1439.2	597.0
G50.0	1436.7	1802.1	2461.7	3121.5	3297.5	3140.4	2469.3	1766.0	1387.7	554.2
G51.0	1396.8	1772.7	2430.5	3110.6	3290.2	3124.1	2419.5	1735.8	1338.3	521.8
G52.0	1342.3	1722.1	2393.1	3099.7	3291.1	3111.3	2383.0	1718.9	1291.4	490.9
G53.0	1297.9	1672.3	2365.0	3085.7	3278.4	3104.5	2344.7	1671.7	1247.3	462.0
G54.0	1258.7	1654.3	2346.3	3073.7	3263.5	3091.2	2324.6	1610.6	1204.5	436.9
G55.0	1220.2	1621.1	2324.6	3055.7	3257.3	3075.3	2300.1	1575.4	1163.7	415.2
G56.0	1180.3	1557.9	2302.2	3035.3	3229.9	3058.5	2277.8	1562.3	1117.7	391.8
G57.0	1135.1	1522.5	2283.7	3016.6	3195.3	3035.2	2252.1	1520.9	1076.4	371.5
G58.0	1089.5	1507.8	2267.9	2985.4	3157.2	3009.9	2230.8	1465.3	1034.1	351.9
G59.0	1049.6	1473.1	2248.4	2948.4	3097.8	2973.4	2207.4	1439.4	992.8	333.4
G60.0	1007.8	1420.6	2224.8	2910.7	3048.6	2933.5	2186.8	1412.8	948.8	315.1
G61.0	963.3	1387.8	2197.3	2867.5	2999.6	2883.5	2160.8	1365.0	900.8	295.0
G62.0	917.3	1346.8	2163.6	2817.4	2950.7	2834.3	2132.3	1321.5	849.9	274.3
G63.0	864.0	1299.2	2122.9	2765.7	2904.1	2782.9	2100.3	1284.6	797.9	256.4
G64.0	813.8	1252.3	2091.2	2717.6	2844.8	2728.8	2061.0	1239.3	746.4	240.6
G65.0	760.9	1214.7	2050.9	2668.3	2789.3	2678.5	2024.8	1190.4	690.3	223.7
G66.0	707.9	1158.8	2019.7	2609.3	2742.0	2622.6	1982.8	1145.6	638.0	208.5
G67.0	654.6	1113.0	1981.8	2547.8	2707.6	2569.6	1946.4	1101.2	585.2	193.8
G68.0	597.9	1077.9	1933.1	2498.6	2666.4	2520.2	1908.2	1050.6	534.1	179.7
G69.0	542.0	1041.8	1888.8	2460.4	2612.1	2474.9	1864.6	1004.8	479.5	165.1
G70.0	493.5	1005.7	1843.9	2418.7	2566.2	2427.2	1820.2	970.3	433.6	152.2
G71.0	446.5	971.9	1800.9	2367.0	2520.3	2380.3	1771.1	933.4	391.6	138.6
G72.0	405.7	936.6	1750.7	2314.6	2469.0	2326.8	1725.3	900.9	353.0	127.0
G73.0	364.6	900.5	1701.2	2267.8	2429.7	2277.7	1681.3	866.4	313.9	115.6

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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	327.8	868.2	1661.1	2223.6	2382.7	2230.5	1630.3	831.2	281.5	105.8
G75.0	295.6	830.8	1618.0	2180.7	2329.9	2189.8	1583.7	795.6	252.5	96.6
G76.0	262.3	795.4	1565.4	2127.2	2284.0	2138.6	1535.8	762.8	224.8	88.8
G77.0	230.6	758.4	1520.2	2074.7	2229.1	2084.0	1485.5	728.3	199.7	80.9
G78.0	204.0	722.2	1473.1	2020.0	2168.7	2030.8	1435.4	696.3	174.3	73.6
G79.0	180.4	687.7	1424.3	1963.4	2113.7	1974.4	1388.9	657.6	154.4	66.9
G80.0	157.2	653.9	1371.8	1907.4	2058.0	1917.0	1344.7	624.8	136.8	60.2
G81.0	138.6	621.1	1325.2	1853.9	1999.5	1862.2	1290.3	589.3	119.6	54.3
G82.0	120.1	585.2	1279.7	1800.9	1944.6	1808.7	1243.2	557.9	105.2	50.3
G83.0	104.2	552.6	1229.9	1738.7	1881.4	1746.8	1195.1	526.3	93.0	46.2
G84.0	91.1	524.4	1176.5	1677.6	1822.3	1683.9	1149.0	497.9	82.2	43.1
G85.0	79.4	495.5	1131.2	1618.1	1761.9	1620.7	1101.3	470.0	72.7	40.3
G86.0	69.5	466.7	1084.2	1563.3	1693.6	1563.5	1052.4	442.2	64.5	37.8
G87.0	61.4	440.1	1039.7	1508.4	1627.7	1512.1	1008.7	416.4	58.4	36.0
G88.0	54.8	413.8	994.5	1449.3	1573.3	1451.6	967.1	392.7	52.6	35.0
G89.0	50.0	390.5	954.9	1393.6	1516.6	1396.9	924.9	368.3	48.9	33.0
G90.0	46.0	366.8	915.3	1338.6	1463.4	1342.2	885.5	347.4	45.5	32.1
G91.0	44.3	345.3	876.1	1285.1	1405.9	1288.1	847.6	329.0	44.0	30.7
G92.0	42.4	327.0	835.5	1230.8	1347.7	1235.5	812.5	313.0	42.9	29.6
G93.0	41.5	309.8	799.7	1177.3	1287.7	1181.8	774.7	297.5	41.2	28.0
G94.0	41.2	296.4	765.3	1129.0	1231.3	1136.5	743.1	284.3	39.7	27.0
G95.0	40.5	283.2	733.2	1084.8	1184.4	1087.1	710.1	271.2	39.4	25.7
G96.0	40.0	268.6	698.4	1038.2	1140.3	1043.7	679.3	257.2	38.8	24.8
G97.0	40.0	255.3	667.9	996.1	1093.8	1001.6	647.8	244.6	39.3	23.6
G98.0	40.0	243.4	640.3	958.4	1052.2	958.6	620.8	232.2	39.5	22.5
G99.0	40.6	230.0	611.5	921.1	1012.7	920.3	595.7	221.0	39.6	21.2
G100.0	40.6	218.6	586.7	882.4	969.9	884.3	569.5	209.7	39.6	20.0
G101.0	41.5	207.8	563.3	848.6	930.5	849.0	546.8	199.3	39.3	19.6
G102.0	41.7	197.3	540.9	817.4	892.8	817.9	524.8	189.3	39.1	18.3
G103.0	41.0	185.9	520.4	785.8	861.4	786.9	504.6	178.3	38.9	17.8
G104.0	40.8	176.2	498.4	759.1	832.5	759.0	484.9	169.1	38.7	17.1
G105.0	40.3	165.9	478.9	731.6	802.1	731.8	462.9	158.6	37.9	16.5
G106.0	40.0	155.0	458.6	705.2	776.4	703.9	442.7	149.4	37.6	15.7
G107.0	39.1	145.7	436.4	681.0	751.0	680.9	423.0	140.0	36.9	15.2
G108.0	38.6	137.1	417.0	658.4	727.9	657.7	401.8	132.3	36.4	14.5
G109.0	38.1	129.1	396.9	637.0	702.2	633.1	382.9	123.8	35.5	13.7
G110.0	37.4	121.7	378.3	611.6	661.9	609.6	364.7	115.9	34.9	13.5

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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	36.5	113.2	358.1	588.6	613.0	585.5	346.9	108.7	34.0	13.4
G112.0	36.0	106.3	340.7	564.2	572.8	561.9	328.0	102.2	33.6	12.9
G113.0	34.6	99.8	321.5	539.3	536.0	536.4	310.8	95.5	32.8	12.3
G114.0	34.5	93.9	304.5	516.9	501.8	514.0	293.2	90.8	32.2	11.7
G115.0	33.6	88.0	286.7	494.9	470.9	492.2	276.2	86.1	31.3	11.2
G116.0	32.8	83.4	269.7	472.1	441.6	467.4	258.1	82.1	30.4	11.0
G117.0	31.4	79.6	253.6	447.0	419.4	443.3	242.7	78.2	30.1	10.7
G118.0	30.8	75.3	236.9	424.2	396.9	420.2	228.3	74.2	28.8	10.0
G119.0	29.8	71.9	222.4	401.7	378.3	397.7	213.0	70.2	27.9	9.8
G120.0	28.8	68.4	209.0	379.3	360.0	375.5	199.8	66.6	27.1	9.6
G121.0	27.8	64.7	195.6	355.3	342.8	351.4	187.4	63.0	25.9	9.6
G122.0	26.3	61.2	182.5	333.2	324.7	329.8	174.6	59.4	25.3	9.4
G123.0	25.3	57.8	169.4	309.7	302.8	306.6	161.9	56.1	23.8	8.7
G124.0	24.1	54.8	157.0	287.6	284.1	285.9	151.4	52.9	23.2	8.5
G125.0	23.1	51.1	146.9	263.7	265.8	263.5	141.0	50.4	22.0	8.8
G126.0	22.2	48.4	136.7	243.8	248.4	244.6	131.4	47.2	21.5	8.5
G127.0	21.7	45.8	127.8	225.4	230.8	224.4	123.0	45.0	20.6	8.3
G128.0	20.6	43.8	119.5	205.0	214.5	206.5	115.1	42.9	19.8	8.3
G129.0	20.1	41.5	112.0	187.2	197.5	187.9	107.6	40.7	19.4	8.0
G130.0	19.0	39.5	103.9	171.5	182.3	172.0	100.3	38.6	18.5	7.6
G131.0	18.5	37.8	96.7	157.2	167.9	158.1	93.5	37.0	17.8	7.8
G132.0	17.6	36.3	90.5	143.5	154.9	144.8	87.8	35.3	17.0	7.5
G133.0	17.3	34.6	84.5	132.3	144.3	134.0	83.4	33.9	16.0	7.8
G134.0	16.8	32.9	79.8	122.1	132.2	122.6	78.5	32.4	16.2	7.8
G135.0	16.3	31.7	74.3	111.6	122.3	112.8	73.5	31.2	16.0	8.0
G136.0	15.7	30.0	69.8	103.2	114.0	104.5	68.5	29.5	15.3	7.5
G137.0	15.3	28.9	65.1	95.9	106.0	96.5	64.5	28.4	15.1	7.0
G138.0	14.7	27.2	61.1	88.6	98.6	89.4	60.0	27.3	14.4	7.0
G139.0	14.1	26.0	56.9	82.2	91.6	82.6	56.3	26.1	14.0	7.3
G140.0	13.4	24.8	52.9	75.9	85.9	76.4	52.5	24.7	13.1	6.3
G141.0	12.4	23.5	49.2	70.5	79.0	70.5	49.3	23.1	11.7	6.8
G142.0	11.7	21.8	46.4	65.3	73.4	65.0	46.2	22.4	11.5	6.9
G143.0	11.1	20.8	43.2	60.6	67.8	60.2	42.9	21.3	11.3	6.5
G144.0	10.4	19.7	41.0	56.0	62.7	55.2	40.4	19.9	10.8	6.8
G145.0	10.2	18.4	38.0	51.8	58.8	51.3	37.8	18.6	10.1	6.0
G146.0	9.6	17.4	35.6	47.8	54.0	47.8	35.8	17.8	10.1	6.2
G147.0	9.1	16.0	33.3	44.2	48.9	43.6	33.2	17.0	9.6	6.5

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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	9.2	15.0	30.8	41.0	45.0	40.8	30.9	15.5	9.2	6.1
G149.0	8.8	13.9	28.6	37.5	41.5	37.8	28.7	14.9	8.7	4.4
G150.0	8.0	12.7	26.2	35.0	38.6	35.2	26.6	13.7	8.4	5.8
G151.0	7.7	11.7	24.6	32.8	35.8	33.5	24.6	13.0	7.5	5.6
G152.0	7.3	10.7	23.2	30.8	34.0	31.2	22.6	11.9	7.7	5.6
G153.0	6.9	9.9	21.7	28.8	31.5	29.5	21.6	11.3	7.1	5.8
G154.0	6.4	8.6	20.2	27.0	30.1	27.4	20.4	10.0	7.1	6.0
G155.0	5.3	7.4	18.9	25.3	27.9	26.0	18.8	9.0	6.4	5.8
G156.0	5.9	7.1	18.0	23.8	26.4	24.1	17.7	8.3	6.2	6.3
G157.0	6.2	6.8	16.5	21.9	24.4	22.7	16.3	8.0	6.1	6.0
G158.0	5.8	6.3	15.4	19.9	23.0	21.1	15.3	7.5	6.0	6.3
G159.0	6.4	6.7	14.2	18.4	21.3	19.0	14.1	7.9	6.1	5.8
G160.0	6.2	6.6	13.3	17.2	19.9	17.7	13.2	8.0	6.3	6.6
G161.0	6.3	6.6	12.4	15.7	18.0	16.5	12.2	8.0	6.5	6.5
G162.0	6.5	6.6	10.8	14.5	17.0	15.5	11.9	7.8	6.4	7.0
G163.0	6.1	6.0	9.8	13.3	15.2	14.2	10.5	7.9	6.8	7.0
G164.0	7.0	6.5	9.4	12.4	14.3	13.8	9.9	7.7	6.8	7.0
G165.0	6.5	6.3	9.2	11.4	13.1	12.0	9.1	8.2	6.8	7.3
G166.0	6.8	6.3	8.3	10.4	12.4	11.3	8.4	7.5	7.1	6.7
G167.0	6.9	6.5	7.6	10.1	11.4	10.3	8.2	7.9	7.0	7.3
G168.0	6.2	6.9	7.5	8.6	10.4	9.5	7.4	8.2	7.5	7.5
G169.0	6.8	6.7	7.6	8.7	9.6	8.6	7.7	8.0	7.6	7.6
G170.0	7.0	6.9	7.1	7.7	9.1	8.2	7.9	8.5	7.7	7.9
G171.0	7.3	6.8	7.1	7.5	8.0	7.3	7.5	8.3	8.0	7.7
G172.0	7.4	7.3	7.1	7.5	7.9	7.8	7.9	8.3	7.9	7.8
G173.0	7.3	7.2	7.1	7.7	7.9	7.3	8.2	7.9	8.0	7.7
G174.0	7.6	7.1	7.8	7.5	8.1	8.1	8.1	8.0	7.9	7.9
G175.0	7.7	7.0	7.4	7.7	8.1	7.3	7.7	8.4	8.2	8.2
G176.0	7.9	7.5	7.9	7.5	7.9	7.8	7.7	7.8	7.7	8.0
G177.0	7.7	7.3	8.3	7.6	7.8	7.8	7.9	8.1	8.1	7.4
G178.0	7.8	7.3	7.8	7.7	8.0	7.3	7.7	8.1	7.8	7.7
G179.0	7.5	7.6	7.6	7.9	8.5	7.1	7.9	7.9	8.2	7.5
G180.0	7.8	7.1	7.3	7.9	8.1	7.6	7.8	8.0	7.7	7.4

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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	3058.4	3058.4	3058.4	3058.4	3058.4	3058.4	3058.4			
G1.0	3042.4	3029.6	3014.3	3019.4	3031.1	3046.4	3050.1			
G2.0	2998.6	2973.5	2944.2	2960.5	3005.8	3041.0	3066.0			
G3.0	2942.4	2923.1	2904.6	2924.6	2959.2	3038.0	3082.1			
G4.0	2923.4	2870.3	2854.3	2877.0	2932.7	3010.5	3082.7			
G5.0	2880.4	2782.8	2760.1	2797.9	2910.3	2959.0	3049.1			
G6.0	2830.1	2708.3	2696.3	2718.5	2844.2	2931.0	3057.0			
G7.0	2761.1	2668.8	2631.8	2683.3	2760.5	2917.3	3065.8			
G8.0	2698.4	2589.1	2542.7	2614.3	2698.9	2909.3	3062.6			
G9.0	2661.9	2513.0	2483.3	2539.0	2674.2	2879.2	3031.1			
G10.0	2613.4	2458.6	2415.1	2473.1	2628.9	2838.3	3017.1			
G11.0	2551.0	2380.8	2318.1	2396.9	2554.7	2799.3	3010.5			
G12.0	2484.9	2295.8	2240.1	2299.0	2476.3	2754.8	2989.3			
G13.0	2429.5	2220.8	2128.3	2223.2	2421.0	2694.0	2967.0			
G14.0	2361.3	2121.6	2032.5	2140.5	2370.5	2625.7	2935.3			
G15.0	2290.3	2028.5	1947.2	2041.8	2291.6	2579.5	2916.1			
G16.0	2216.6	1932.2	1840.9	1951.3	2208.7	2549.1	2886.6			
G17.0	2138.6	1833.8	1734.6	1855.4	2140.8	2509.3	2863.4			
G18.0	2055.5	1736.1	1626.3	1754.3	2067.4	2464.3	2824.1			
G19.0	1974.8	1635.1	1506.5	1654.1	1979.9	2404.0	2803.0			
G20.0	1897.7	1524.2	1392.9	1541.2	1895.8	2337.2	2768.1			
G21.0	1811.7	1416.9	1274.3	1433.4	1818.8	2278.0	2730.9			
G22.0	1727.7	1307.3	1163.0	1323.6	1733.3	2220.1	2702.4			
G23.0	1634.7	1195.6	1048.0	1211.1	1644.4	2171.4	2679.8			
G24.0	1545.0	1086.6	933.6	1105.5	1558.2	2123.3	2635.1			
G25.0	1448.9	981.2	823.0	1002.7	1468.9	2059.6	2597.1			
G26.0	1363.7	869.8	742.6	891.1	1370.7	2002.9	2575.5			
G27.0	1270.0	781.7	676.9	803.0	1280.1	1947.4	2528.6			
G28.0	1184.7	712.2	623.0	728.7	1200.2	1877.3	2479.8			
G29.0	1090.7	654.4	572.2	668.3	1119.1	1818.5	2450.0			
G30.0	1008.5	605.9	529.9	617.4	1029.0	1762.2	2416.1			
G31.0	933.9	563.8	492.5	574.7	939.9	1698.5	2358.5			
G32.0	848.9	520.4	463.3	530.7	869.5	1637.0	2331.2			
G33.0	779.0	484.7	435.8	494.0	799.8	1579.5	2281.1			
G34.0	724.1	456.0	410.0	464.1	737.7	1514.1	2241.0			
G35.0	660.8	428.6	375.2	436.0	682.2	1457.4	2205.8			
G36.0	613.5	401.9	352.0	409.0	624.9	1373.4	2153.6			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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	573.7	368.9	328.5	377.1	581.3	1319.2	2119.7			
G38.0	529.2	344.5	302.4	350.0	538.5	1258.1	2065.3			
G39.0	492.3	321.5	279.2	325.8	501.8	1194.3	2015.1			
G40.0	461.7	295.1	256.6	299.1	469.1	1130.0	1961.7			
G41.0	434.4	273.2	235.7	276.7	439.9	1055.9	1908.9			
G42.0	409.5	249.8	216.8	255.8	412.4	996.3	1868.3			
G43.0	383.4	229.4	197.8	232.4	389.3	933.3	1788.0			
G44.0	358.6	212.4	180.1	215.0	366.6	891.4	1746.4			
G45.0	334.8	193.3	164.2	197.0	339.6	814.0	1694.1			
G46.0	313.7	178.6	149.9	182.7	319.6	762.7	1649.8			
G47.0	291.2	163.9	136.6	166.6	300.5	714.1	1581.3			
G48.0	269.2	151.4	125.4	154.8	277.7	663.5	1530.9			
G49.0	251.6	139.5	115.1	142.2	260.2	618.3	1485.4			
G50.0	232.8	127.4	106.4	131.0	241.1	574.6	1436.7			
G51.0	217.0	118.3	97.9	121.0	224.6	538.7	1396.8			
G52.0	198.4	109.8	91.7	112.6	209.5	509.0	1342.3			
G53.0	184.6	102.1	86.6	104.4	193.6	478.4	1297.9			
G54.0	170.9	95.7	83.3	97.1	180.5	452.6	1258.7			
G55.0	159.0	88.6	82.7	90.5	166.1	427.2	1220.2			
G56.0	145.3	82.7	78.6	83.5	154.3	406.5	1180.3			
G57.0	134.7	77.7	80.9	77.6	142.2	386.5	1135.1			
G58.0	124.5	72.5	77.8	70.6	131.6	367.2	1089.5			
G59.0	114.9	68.4	72.6	68.4	120.8	347.1	1049.6			
G60.0	106.2	64.1	67.0	64.4	111.6	328.2	1007.8			
G61.0	96.7	59.4	61.6	59.2	103.2	310.4	963.3			
G62.0	88.8	54.7	53.5	55.5	94.8	292.8	917.3			
G63.0	81.6	50.3	46.8	50.6	86.2	273.4	864.0			
G64.0	75.4	44.4	37.4	46.1	79.2	253.6	813.8			
G65.0	68.8	38.7	33.9	40.6	73.0	237.2	760.9			
G66.0	61.4	33.8	28.8	35.7	66.6	221.4	707.9			
G67.0	55.6	30.1	20.1	31.2	60.4	206.1	654.6			
G68.0	50.3	22.1	16.6	25.2	53.9	190.2	597.9			
G69.0	44.0	15.7	3.2	16.3	48.6	176.4	542.0			
G70.0	39.5	5.1	2.7	9.8	43.5	163.3	493.5			
G71.0	35.2	2.6	3.0	3.1	38.9	150.7	446.5			
G72.0	30.4	2.6	2.9	3.5	33.5	136.1	405.7			
G73.0	25.7	2.9	3.0	3.1	29.1	124.7	364.6			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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	20.8	2.3	3.0	2.7	24.5	114.5	327.8			
G75.0	17.5	2.4	3.1	3.3	19.7	103.8	295.6			
G76.0	16.2	2.9	2.9	2.9	18.4	95.0	262.3			
G77.0	15.7	2.9	3.1	3.1	17.1	87.1	230.6			
G78.0	14.3	2.6	2.7	3.4	16.4	79.7	204.0			
G79.0	13.2	2.9	3.5	3.4	15.3	73.0	180.4			
G80.0	12.8	3.1	3.7	1.8	14.5	66.9	157.2			
G81.0	12.1	3.1	2.9	3.1	13.7	60.8	138.6			
G82.0	11.7	3.1	3.7	3.2	13.1	55.2	120.1			
G83.0	10.5	2.9	3.7	3.6	12.5	51.5	104.2			
G84.0	11.0	2.6	3.9	3.6	11.9	47.7	91.1			
G85.0	10.5	3.2	3.2	3.6	11.4	44.4	79.4			
G86.0	10.5	3.1	4.1	3.5	11.2	41.9	69.5			
G87.0	9.7	3.7	2.9	3.3	11.2	40.2	61.4			
G88.0	9.6	2.7	3.5	4.0	10.9	38.0	54.8			
G89.0	9.4	3.7	2.7	4.1	10.7	36.6	50.0			
G90.0	9.5	3.5	4.0	4.1	10.8	35.5	46.0			
G91.0	8.8	3.3	4.2	3.6	10.2	33.8	44.3			
G92.0	8.6	2.9	3.5	4.0	10.5	32.5	42.4			
G93.0	8.5	3.8	4.2	4.4	10.1	31.5	41.5			
G94.0	8.5	3.6	4.4	3.6	9.6	30.4	41.2			
G95.0	8.2	3.9	4.7	4.2	9.3	29.0	40.5			
G96.0	8.1	3.6	4.5	4.0	9.2	28.1	40.0			
G97.0	7.6	3.9	4.6	4.4	9.1	26.4	40.0			
G98.0	7.8	4.1	4.5	4.5	9.2	25.8	40.0			
G99.0	7.1	4.0	4.8	3.6	8.5	24.8	40.6			
G100.0	7.2	4.1	5.0	4.6	8.6	23.2	40.6			
G101.0	7.1	4.3	4.7	4.7	8.4	22.5	41.5			
G102.0	7.1	4.1	5.0	5.2	8.2	21.6	41.7			
G103.0	6.4	4.2	5.2	5.1	7.8	20.8	41.0			
G104.0	6.7	4.2	5.0	4.8	7.8	19.8	40.8			
G105.0	6.6	4.4	4.8	4.9	7.7	19.7	40.3			
G106.0	6.5	4.4	4.7	5.2	7.7	18.8	40.0			
G107.0	6.1	3.7	4.9	4.9	7.2	17.9	39.1			
G108.0	5.9	3.8	5.5	4.5	7.0	17.9	38.6			
G109.0	5.7	4.4	4.4	4.8	6.3	17.2	38.1			
G110.0	5.6	4.4	5.0	4.9	7.0	16.7	37.4			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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	5.3	4.7	5.2	5.2	6.4	16.1	36.5			
G112.0	4.4	4.4	5.0	5.1	6.6	15.4	36.0			
G113.0	4.8	4.4	5.4	4.9	6.4	14.7	34.6			
G114.0	5.0	4.2	4.3	4.9	5.9	14.4	34.5			
G115.0	5.1	4.7	5.0	4.8	6.5	13.9	33.6			
G116.0	4.6	4.7	5.2	5.1	6.2	13.6	32.8			
G117.0	5.0	4.6	4.1	5.3	6.5	13.0	31.4			
G118.0	5.1	4.8	5.3	5.5	6.5	12.8	30.8			
G119.0	4.9	4.2	5.0	5.7	6.2	12.0	29.8			
G120.0	4.3	4.4	5.4	5.1	6.4	11.8	28.8			
G121.0	4.6	4.9	4.8	4.1	5.4	11.6	27.8			
G122.0	3.7	3.8	5.5	5.3	6.1	11.2	26.3			
G123.0	3.9	4.9	5.3	5.6	5.6	11.5	25.3			
G124.0	4.6	4.7	5.5	5.2	5.8	11.1	24.1			
G125.0	4.1	4.1	5.5	5.0	5.8	10.7	23.1			
G126.0	4.5	4.8	4.9	5.6	5.5	10.3	22.2			
G127.0	4.8	4.7	5.5	5.2	5.8	10.6	21.7			
G128.0	4.7	4.6	5.7	5.8	5.4	10.4	20.6			
G129.0	4.1	5.2	5.9	6.0	5.5	9.9	20.1			
G130.0	4.3	4.8	5.8	5.8	5.8	9.7	19.0			
G131.0	3.8	5.1	5.2	5.9	5.0	9.9	18.5			
G132.0	3.7	4.6	5.1	5.9	5.8	9.5	17.6			
G133.0	4.2	5.4	5.8	6.3	5.9	9.8	17.3			
G134.0	4.9	5.2	5.0	5.9	5.4	9.1	16.8			
G135.0	5.1	5.4	5.7	6.2	4.5	9.4	16.3			
G136.0	5.2	5.5	6.5	6.5	5.8	9.1	15.7			
G137.0	4.6	5.6	6.1	6.4	6.2	9.4	15.3			
G138.0	4.1	5.6	5.9	6.5	6.5	9.0	14.7			
G139.0	5.2	6.2	6.4	6.3	6.0	9.0	14.1			
G140.0	5.4	4.9	6.7	6.7	5.8	8.9	13.4			
G141.0	5.3	6.4	6.5	5.6	6.2	8.8	12.4			
G142.0	5.7	6.4	6.2	6.9	6.7	8.5	11.7			
G143.0	5.6	5.5	7.0	7.1	6.6	8.9	11.1			
G144.0	5.9	6.3	6.8	7.0	6.9	8.3	10.4			
G145.0	6.2	6.7	7.0	7.1	6.9	8.3	10.2			
G146.0	6.4	6.6	5.3	7.3	7.2	8.0	9.6			
G147.0	6.4	6.9	6.2	7.5	7.2	8.2	9.1			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °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	6.1	7.2	7.1	7.2	7.7	8.4	9.2			
G149.0	5.6	7.3	7.1	7.3	7.4	8.3	8.8			
G150.0	7.0	7.2	7.0	7.3	7.2	7.5	8.0			
G151.0	7.0	7.4	7.7	7.5	7.6	7.8	7.7			
G152.0	6.9	7.3	7.7	7.8	8.2	7.2	7.3			
G153.0	7.2	7.4	7.6	7.8	7.9	7.8	6.9			
G154.0	7.0	7.0	7.0	7.7	7.9	7.6	6.4			
G155.0	7.0	7.2	7.5	7.8	8.0	7.5	5.3			
G156.0	7.5	7.6	7.3	7.7	7.9	8.3	5.9			
G157.0	7.1	8.0	7.9	7.8	8.3	7.6	6.2			
G158.0	7.6	8.2	8.1	7.8	7.8	7.9	5.8			
G159.0	7.4	7.9	8.0	8.1	8.2	8.3	6.4			
G160.0	7.5	8.4	8.2	8.2	8.5	8.3	6.2			
G161.0	7.9	8.4	7.9	8.2	8.6	8.1	6.3			
G162.0	8.0	7.7	8.5	8.3	8.9	8.5	6.5			
G163.0	7.3	8.8	8.8	8.3	8.5	8.8	6.1			
G164.0	8.1	8.4	8.5	8.4	8.9	8.5	7.0			
G165.0	8.3	8.5	8.1	8.1	8.9	8.5	6.5			
G166.0	8.4	8.8	8.5	8.8	9.0	8.8	6.8			
G167.0	8.1	8.7	8.7	8.6	8.7	9.1	6.9			
G168.0	8.3	8.9	8.6	9.4	9.4	9.2	6.2			
G169.0	8.5	9.0	9.3	8.8	8.8	8.9	6.8			
G170.0	8.5	9.4	8.9	9.1	8.9	8.9	7.0			
G171.0	8.4	9.4	9.1	9.4	9.0	9.1	7.3			
G172.0	8.8	9.3	9.3	9.0	9.1	8.9	7.4			
G173.0	8.8	8.9	9.1	9.1	8.9	9.2	7.3			
G174.0	8.5	9.4	8.6	9.1	8.6	8.6	7.6			
G175.0	8.5	9.3	8.5	8.9	8.8	8.8	7.7			
G176.0	8.1	8.5	8.5	8.5	8.8	8.8	7.9			
G177.0	7.8	8.4	8.4	8.6	8.5	8.5	7.7			
G178.0	7.8	8.4	7.8	8.2	8.1	8.3	7.8			
G179.0	7.8	8.1	8.3	8.0	8.3	8.2	7.5			
G180.0	8.0	8.1	7.5	8.6	7.9	8.1	7.8			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 °C
 Operator:

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