

Report No.:

Test Time: 2023/6/25 15:11

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.155 A
Power Factor: 0.918

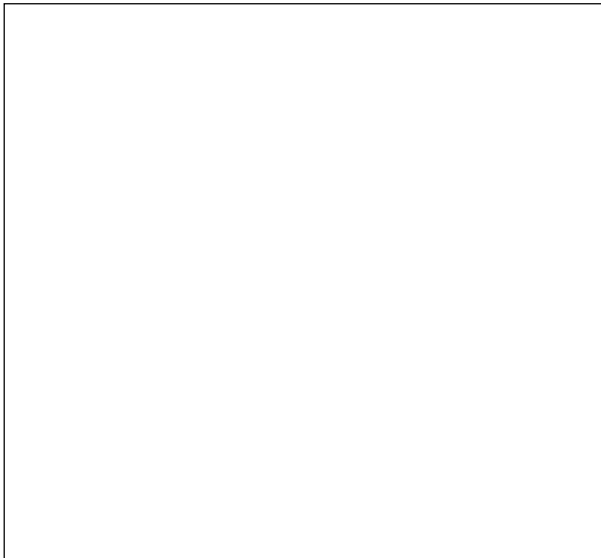
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 277.0 V
Power: 39.49 W

Photometric Results

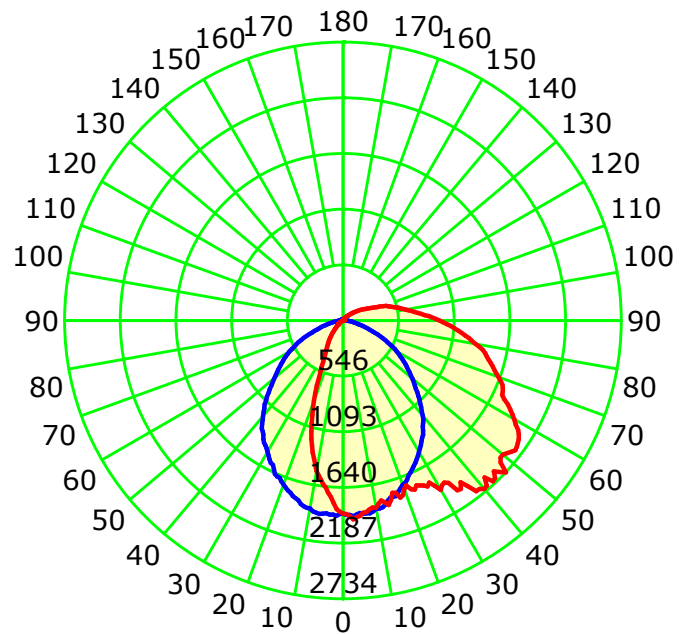
IES Classification: Type IV
Total Rated Lamp Lumens: 5556.8 lm
Efficiency: 100%
Upward Ratio: 10%
C0r0 Intensity: 1896.03 cd
Pos of Max. Intensity: H90 V47
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 95.1, 102.6, 99.0, 98.6

Longitudinal Classification: Very Short
Measurement Flux: 5556.8 lm
Downward Ratio: 90%
Luminaire Efficacy Rating (LER): 140.76
Max. Intensity: 2187.72 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

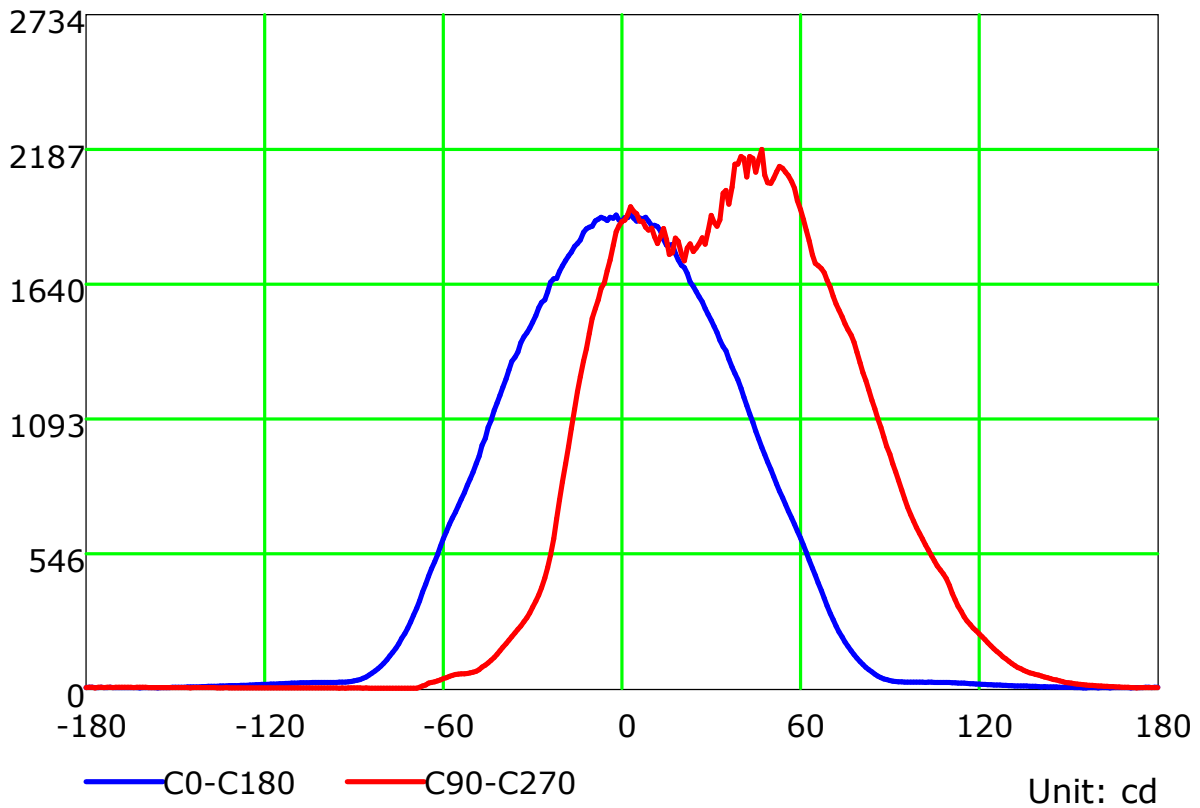
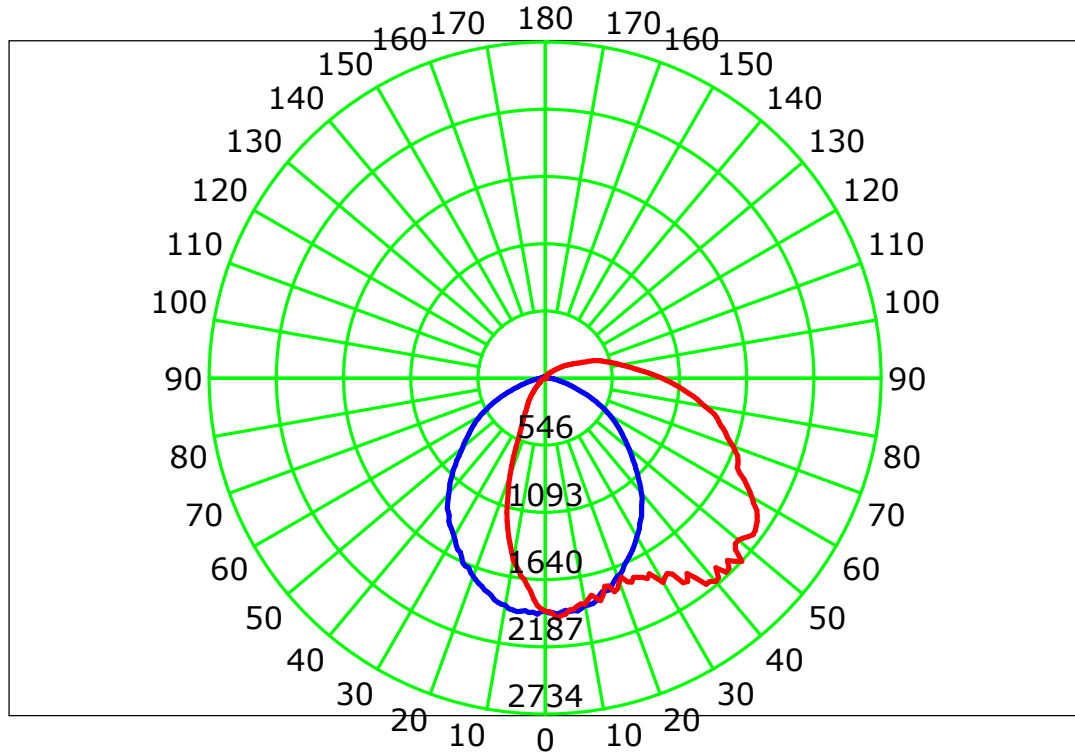
Average Diffuse Angle(50%): 98.9°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.5 °C
Operator:

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

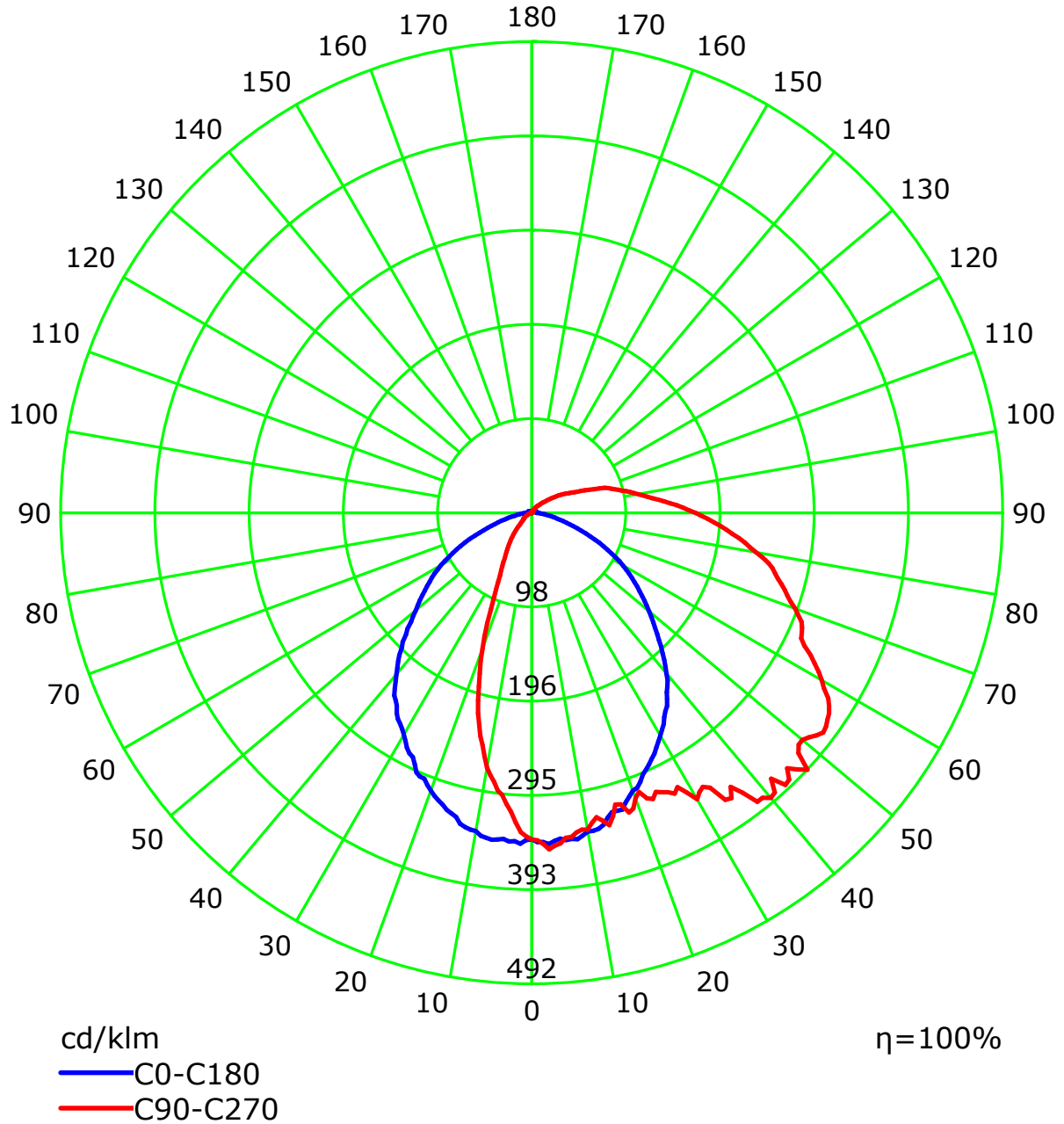
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °C
 Operator:

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

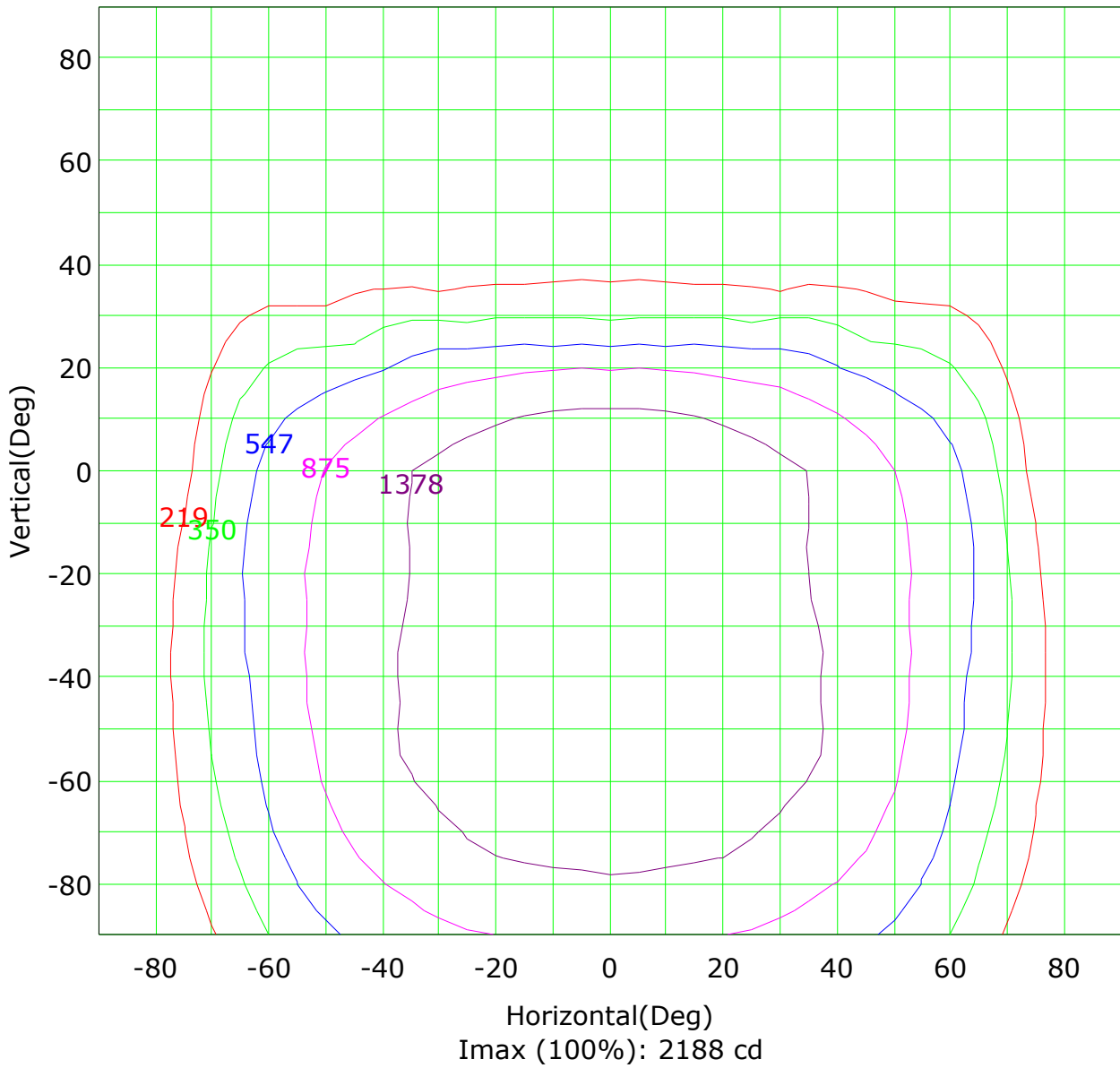
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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)

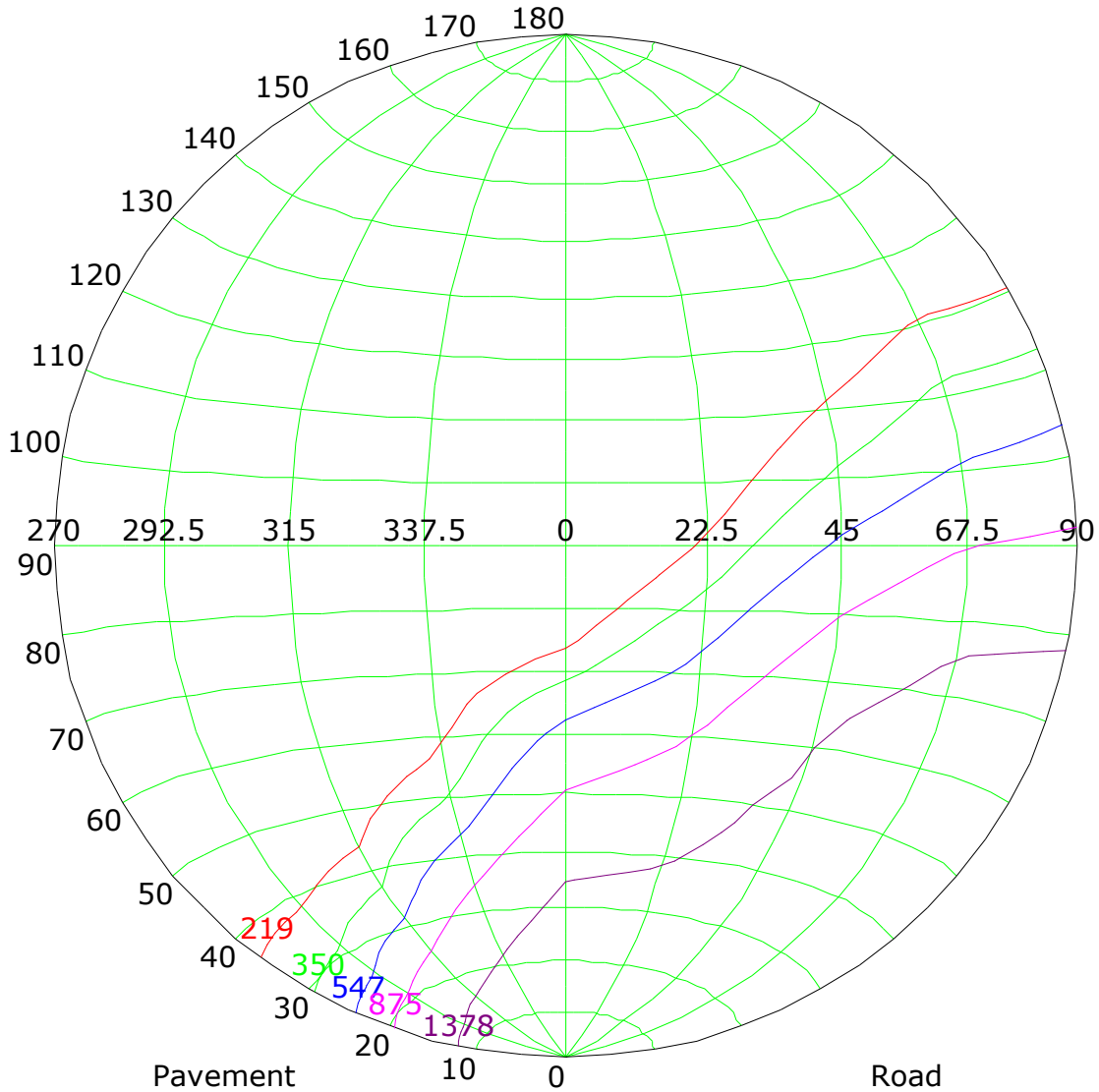


— (10%): 219 cd	— (16%): 350 cd
— (25%): 547 cd	— (40%): 875 cd
— (63%): 1378 cd	— (100%): 2188 cd

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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)



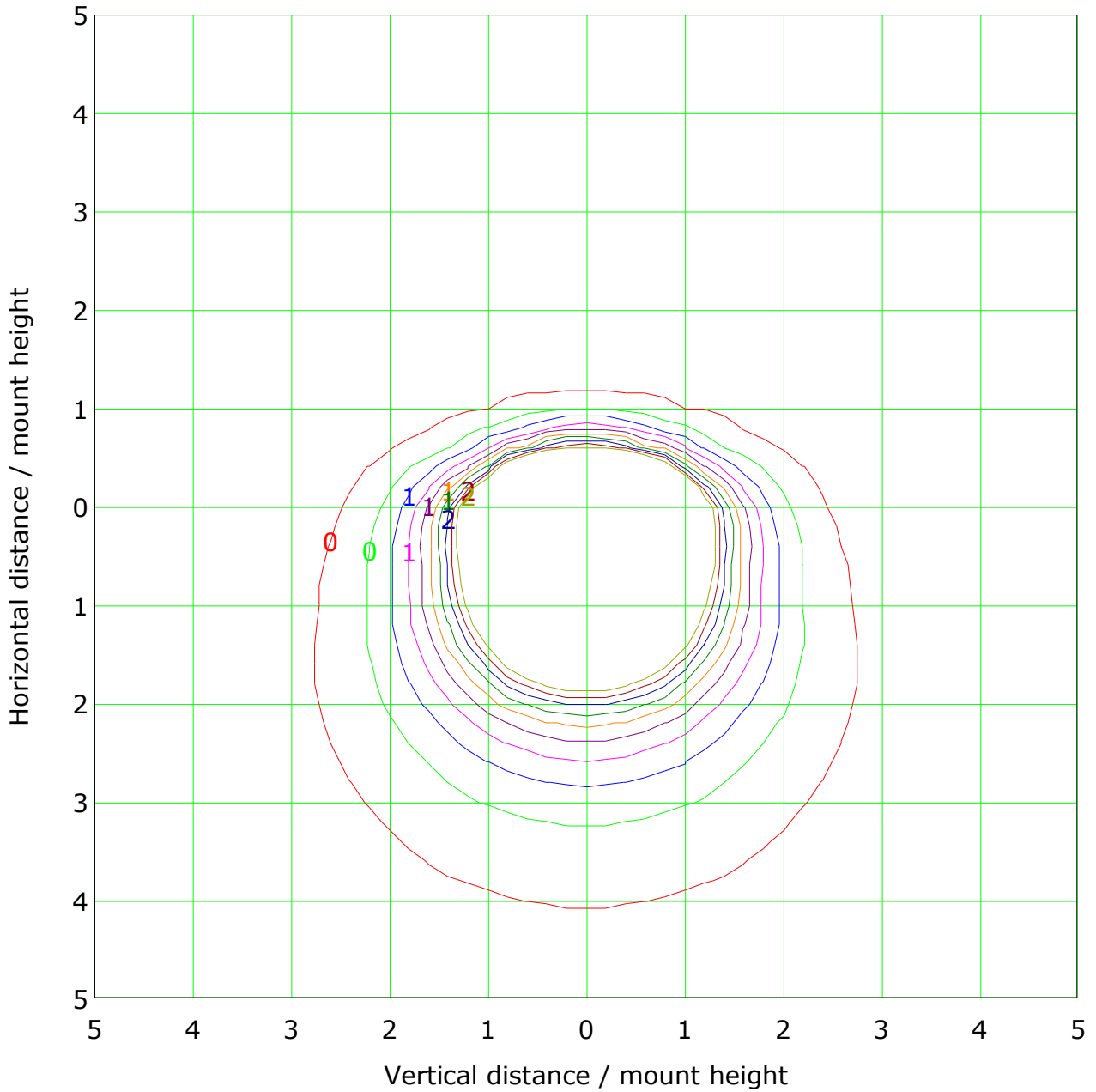
Imax (100%): 2188 cd

- (10%): 219 cd
- (25%): 547 cd
- (63%): 1378 cd
- (16%): 350 cd
- (40%): 875 cd
- (100%): 2188 cd

CIE: broad - short
CIE: Non-cut-off luminaire
Max.At90: 171.217 cd/klm

IES: Non-cut-off
Max.At80: 237.851 cd/klm
Max.80-90: 237.851 cd/klm

IsoLux Plot



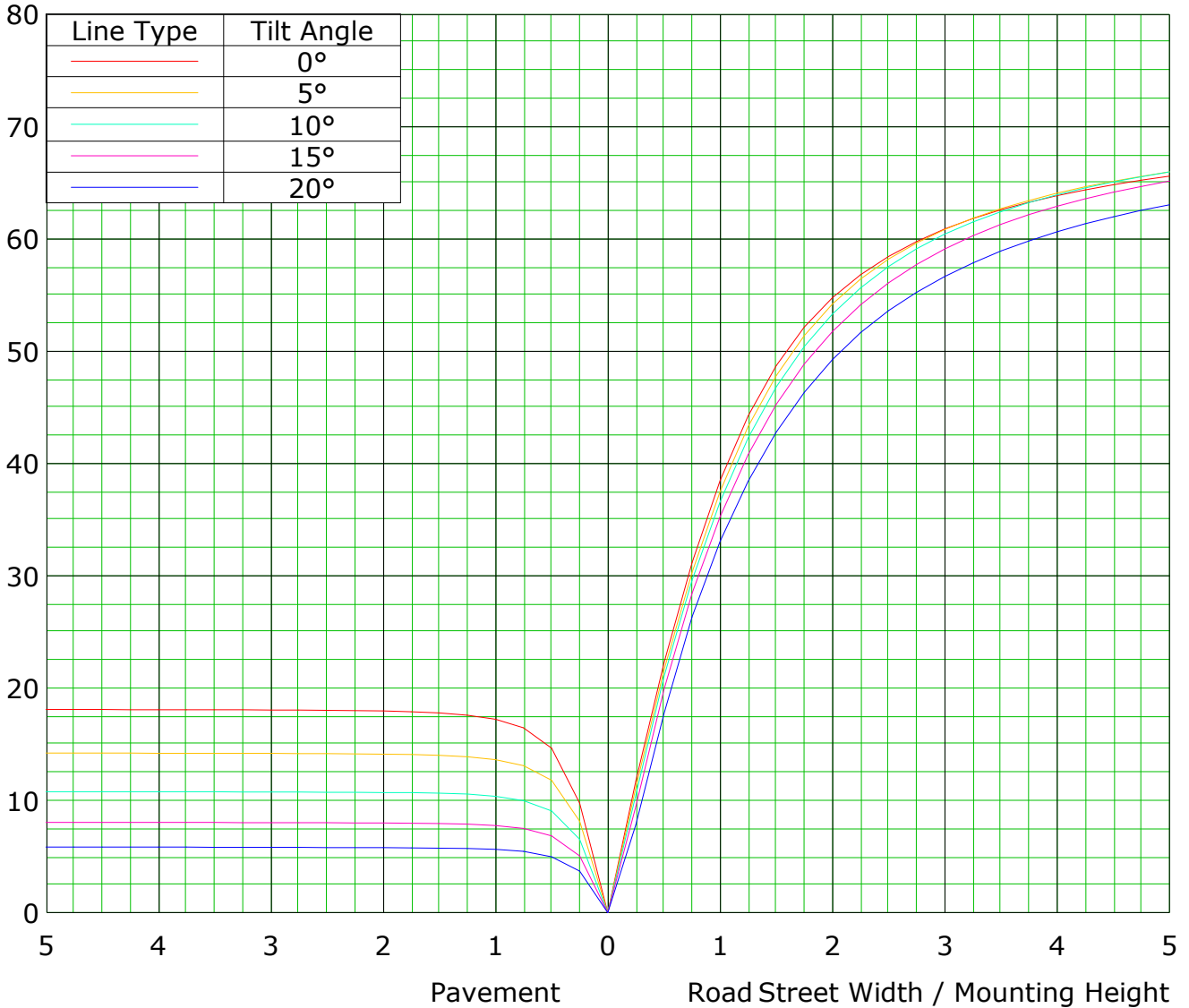
Mounting Height: 10.0m		Max Lux(100%): 19.5 lx	
— (1%):	0.2 lx	— (2%):	0.4 lx
— (3%):	0.6 lx	— (4%):	0.8 lx
— (5%):	1.0 lx	— (6%):	1.2 lx
— (7%):	1.4 lx	— (8%):	1.6 lx
— (9%):	1.8 lx	— (10%):	2.0 lx

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °C
 Operator:

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

Roadway CU Curve

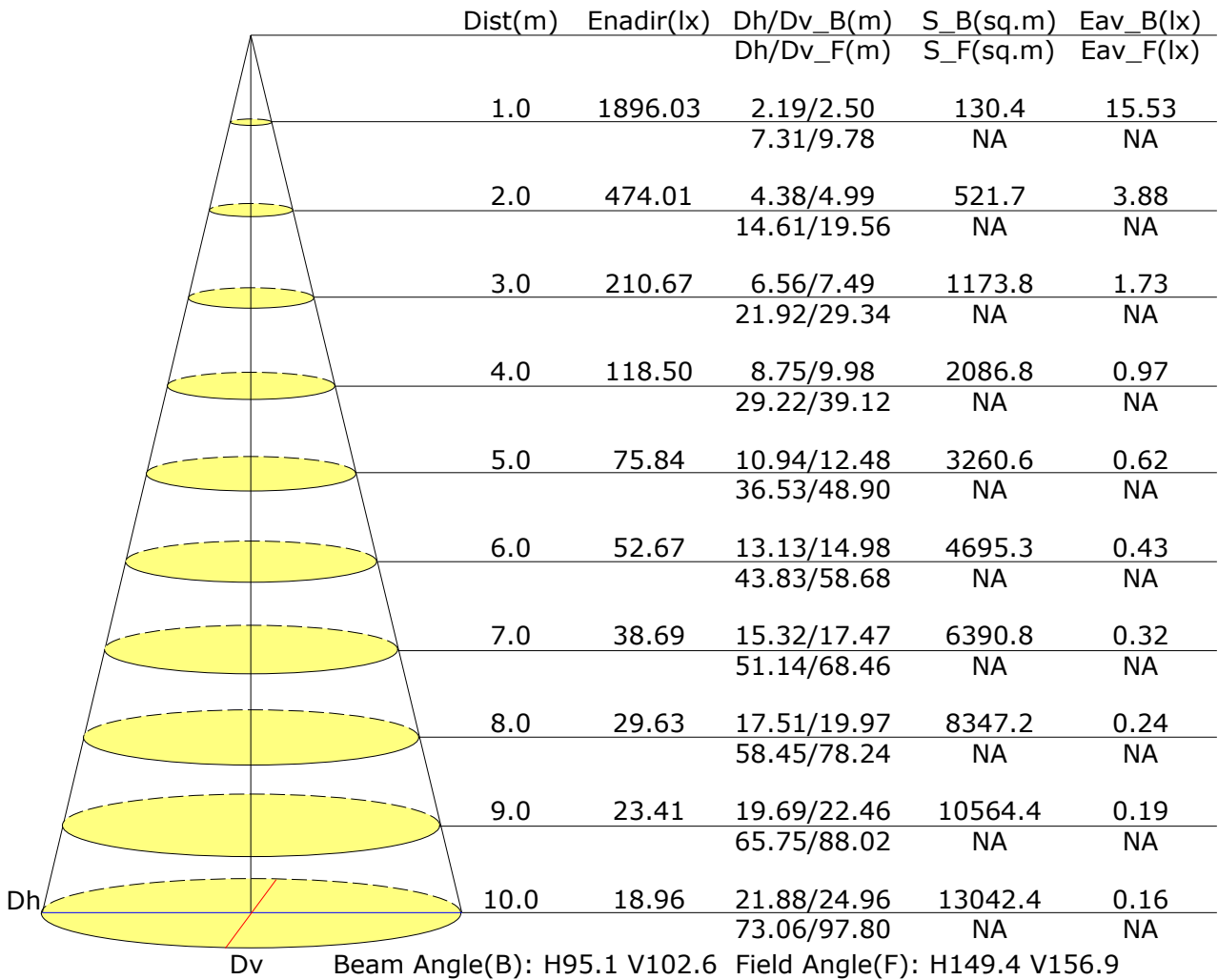
Efficiency(%)



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 'C
 Operator:

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

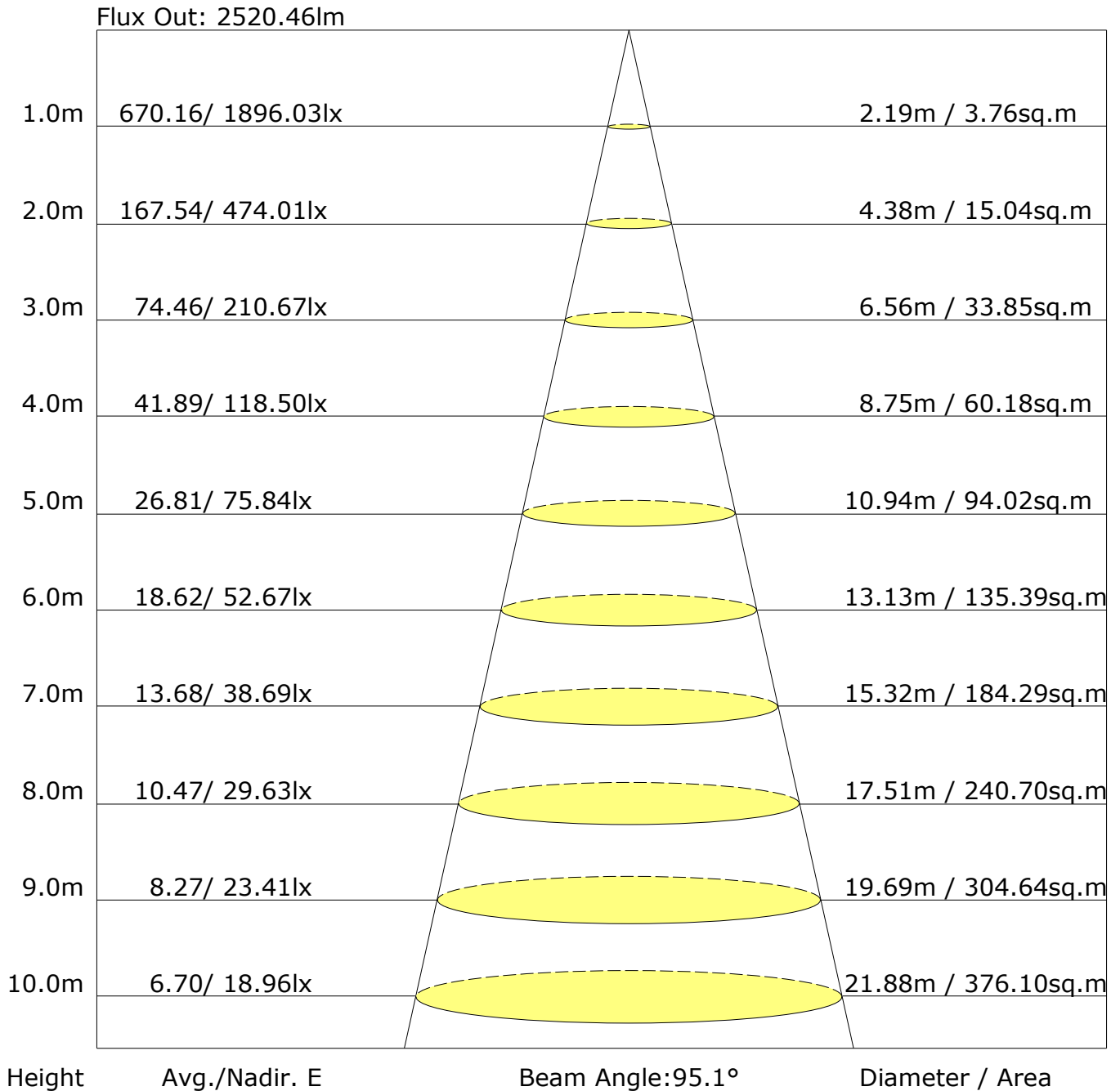
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 'C
 Operator:

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

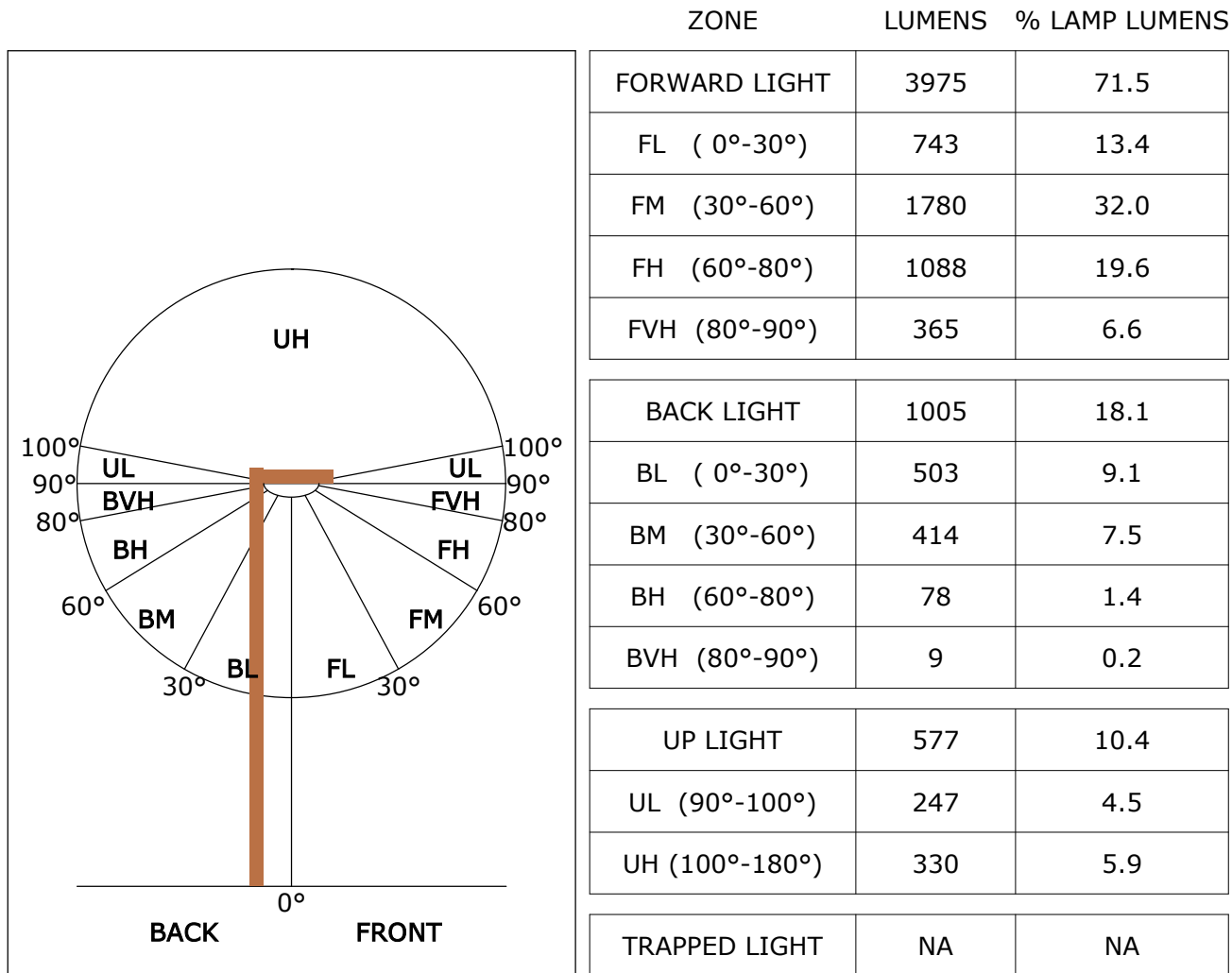
The Average Illuminance Effective Figure



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

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 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U5 G2

C Plane (°):0.0-360.0: 22.5
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 Test Type: TYPE C
 Temperature: 25.5 °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 FluxS [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1896.8	1.8	1.8	0.03	0.03
1.0-2.0	1898.2	5.4	7.3	0.10	0.13
2.0-3.0	1899.3	9.1	16.3	0.16	0.29
3.0-4.0	1891.4	12.7	29.0	0.23	0.52
4.0-5.0	1872.6	16.1	45.1	0.29	0.81
5.0-6.0	1852.0	19.5	64.6	0.35	1.16
6.0-7.0	1836.6	22.8	87.4	0.41	1.57
7.0-8.0	1822.2	26.1	113.5	0.47	2.04
8.0-9.0	1802.2	29.2	142.7	0.53	2.57
9.0-10.0	1779.3	32.2	174.9	0.58	3.15
10.0-11.0	1755.5	35.1	210.0	0.63	3.78
11.0-12.0	1729.5	37.8	247.8	0.68	4.46
12.0-13.0	1704.1	40.4	288.2	0.73	5.19
13.0-14.0	1682.0	43.1	331.3	0.77	5.96
14.0-15.0	1655.4	45.5	376.7	0.82	6.78
15.0-16.0	1623.1	47.6	424.3	0.86	7.64
16.0-17.0	1589.3	49.5	473.8	0.89	8.53
17.0-18.0	1560.3	51.5	525.3	0.93	9.45
18.0-19.0	1535.6	53.4	578.7	0.96	10.41
19.0-20.0	1506.2	55.1	633.8	0.99	11.41
20.0-21.0	1469.7	56.4	690.3	1.02	12.42
21.0-22.0	1430.7	57.5	747.8	1.03	13.46
22.0-23.0	1396.7	58.6	806.4	1.05	14.51
23.0-24.0	1369.6	59.9	866.3	1.08	15.59
24.0-25.0	1341.9	61.0	927.3	1.10	16.69
25.0-26.0	1312.2	61.9	989.2	1.11	17.80
26.0-27.0	1285.6	62.9	1052.1	1.13	18.93
27.0-28.0	1259.3	63.8	1115.9	1.15	20.08
28.0-29.0	1234.7	64.6	1180.5	1.16	21.24
29.0-30.0	1214.5	65.6	1246.1	1.18	22.42
30.0-31.0	1195.6	66.5	1312.6	1.20	23.62
31.0-32.0	1178.7	67.5	1380.2	1.22	24.84
32.0-33.0	1160.2	68.4	1448.5	1.23	26.07
33.0-34.0	1143.5	69.2	1517.7	1.25	27.31
34.0-35.0	1129.2	70.1	1587.9	1.26	28.58
35.0-36.0	1113.8	70.9	1658.8	1.28	29.85

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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 Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	1099.9	71.7	1730.6	1.29	31.14
37.0-38.0	1085.2	72.4	1803.0	1.30	32.45
38.0-39.0	1073.2	73.3	1876.3	1.32	33.77
39.0-40.0	1065.3	74.3	1950.6	1.34	35.10
40.0-41.0	1050.7	74.8	2025.4	1.35	36.45
41.0-42.0	1027.8	74.7	2100.1	1.34	37.79
42.0-43.0	1012.1	75.0	2175.1	1.35	39.14
43.0-44.0	1001.5	75.6	2250.7	1.36	40.50
44.0-45.0	982.4	75.5	2326.2	1.36	41.86
45.0-46.0	962.5	75.3	2401.5	1.35	43.22
46.0-47.0	949.3	75.5	2477.0	1.36	44.58
47.0-48.0	935.7	75.6	2552.6	1.36	45.94
48.0-49.0	916.3	75.3	2627.9	1.35	47.29
49.0-50.0	896.4	74.7	2702.6	1.35	48.64
50.0-51.0	879.7	74.4	2777.1	1.34	49.98
51.0-52.0	866.5	74.4	2851.4	1.34	51.31
52.0-53.0	855.9	74.5	2925.9	1.34	52.65
53.0-54.0	844.3	74.4	3000.3	1.34	53.99
54.0-55.0	830.8	74.2	3074.5	1.33	55.33
55.0-56.0	818.3	74.0	3148.4	1.33	56.66
56.0-57.0	807.1	73.8	3222.2	1.33	57.99
57.0-58.0	794.3	73.5	3295.7	1.32	59.31
58.0-59.0	777.3	72.7	3368.4	1.31	60.62
59.0-60.0	759.3	71.7	3440.1	1.29	61.91
60.0-61.0	742.0	70.8	3510.9	1.27	63.18
61.0-62.0	724.5	69.8	3580.8	1.26	64.44
62.0-63.0	705.5	68.6	3649.4	1.23	65.67
63.0-64.0	684.3	67.2	3716.5	1.21	66.88
64.0-65.0	664.3	65.8	3782.3	1.18	68.07
65.0-66.0	646.2	64.5	3846.8	1.16	69.23
66.0-67.0	627.2	63.1	3909.9	1.14	70.36
67.0-68.0	607.8	61.6	3971.4	1.11	71.47
68.0-69.0	590.1	60.2	4031.6	1.08	72.55
69.0-70.0	573.1	58.9	4090.5	1.06	73.61
70.0-71.0	556.1	57.5	4148.0	1.03	74.65
71.0-72.0	539.8	56.1	4204.1	1.01	75.66

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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 Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	524.3	54.8	4259.0	0.99	76.64
73.0-74.0	509.2	53.5	4312.5	0.96	77.61
74.0-75.0	493.7	52.2	4364.7	0.94	78.55
75.0-76.0	478.9	50.8	4415.5	0.91	79.46
76.0-77.0	464.9	49.6	4465.1	0.89	80.35
77.0-78.0	451.0	48.3	4513.4	0.87	81.22
78.0-79.0	436.8	46.9	4560.3	0.84	82.07
79.0-80.0	421.9	45.5	4605.8	0.82	82.89
80.0-81.0	406.1	43.9	4649.7	0.79	83.68
81.0-82.0	391.1	42.4	4692.1	0.76	84.44
82.0-83.0	377.1	41.0	4733.1	0.74	85.18
83.0-84.0	362.6	39.5	4772.7	0.71	85.89
84.0-85.0	348.4	38.0	4810.7	0.68	86.57
85.0-86.0	335.1	36.6	4847.3	0.66	87.23
86.0-87.0	321.9	35.2	4882.6	0.63	87.87
87.0-88.0	308.8	33.8	4916.4	0.61	88.47
88.0-89.0	296.0	32.5	4948.8	0.58	89.06
89.0-90.0	283.9	31.1	4980.0	0.56	89.62
90.0-91.0	272.5	29.9	5009.9	0.54	90.16
91.0-92.0	261.6	28.7	5038.5	0.52	90.67
92.0-93.0	250.7	27.5	5066.0	0.49	91.17
93.0-94.0	239.9	26.3	5092.3	0.47	91.64
94.0-95.0	229.6	25.1	5117.4	0.45	92.09
95.0-96.0	219.8	24.0	5141.4	0.43	92.52
96.0-97.0	210.5	22.9	5164.3	0.41	92.94
97.0-98.0	201.8	21.9	5186.2	0.39	93.33
98.0-99.0	193.5	21.0	5207.2	0.38	93.71
99.0-100.0	185.4	20.1	5227.3	0.36	94.07
100.0-101.0	177.9	19.2	5246.4	0.35	94.41
101.0-102.0	170.9	18.4	5264.8	0.33	94.75
102.0-103.0	163.9	17.6	5282.4	0.32	95.06
103.0-104.0	157.2	16.8	5299.1	0.30	95.36
104.0-105.0	150.5	16.0	5315.1	0.29	95.65
105.0-106.0	144.3	15.2	5330.3	0.27	95.92
106.0-107.0	138.5	14.6	5344.9	0.26	96.19
107.0-108.0	133.0	13.9	5358.8	0.25	96.44

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 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 FluxS [%]	Sum Rel Zonal Flux [%]
108.0-109.0	127.6	13.3	5372.1	0.24	96.68
109.0-110.0	121.9	12.6	5384.7	0.23	96.90
110.0-111.0	115.9	11.9	5396.6	0.21	97.12
111.0-112.0	109.8	11.2	5407.8	0.20	97.32
112.0-113.0	104.0	10.5	5418.3	0.19	97.51
113.0-114.0	98.7	9.9	5428.3	0.18	97.69
114.0-115.0	93.6	9.3	5437.6	0.17	97.85
115.0-116.0	88.6	8.8	5446.4	0.16	98.01
116.0-117.0	83.8	8.2	5454.6	0.15	98.16
117.0-118.0	79.3	7.7	5462.3	0.14	98.30
118.0-119.0	75.0	7.2	5469.5	0.13	98.43
119.0-120.0	71.0	6.8	5476.3	0.12	98.55
120.0-121.0	67.0	6.3	5482.6	0.11	98.67
121.0-122.0	63.1	5.9	5488.5	0.11	98.77
122.0-123.0	59.1	5.5	5494.0	0.10	98.87
123.0-124.0	55.3	5.1	5499.1	0.09	98.96
124.0-125.0	51.6	4.7	5503.7	0.08	99.04
125.0-126.0	48.1	4.3	5508.0	0.08	99.12
126.0-127.0	44.9	4.0	5512.0	0.07	99.19
127.0-128.0	41.8	3.6	5515.6	0.07	99.26
128.0-129.0	38.9	3.3	5519.0	0.06	99.32
129.0-130.0	36.2	3.1	5522.0	0.06	99.37
130.0-131.0	33.7	2.8	5524.8	0.05	99.42
131.0-132.0	31.4	2.6	5527.4	0.05	99.47
132.0-133.0	29.4	2.4	5529.8	0.04	99.51
133.0-134.0	27.6	2.2	5532.0	0.04	99.55
134.0-135.0	25.9	2.0	5534.0	0.04	99.59
135.0-136.0	24.3	1.9	5535.9	0.03	99.62
136.0-137.0	22.8	1.7	5537.6	0.03	99.65
137.0-138.0	21.6	1.6	5539.2	0.03	99.68
138.0-139.0	20.4	1.5	5540.7	0.03	99.71
139.0-140.0	19.3	1.4	5542.1	0.02	99.73
140.0-141.0	18.2	1.3	5543.3	0.02	99.76
141.0-142.0	17.1	1.2	5544.5	0.02	99.78
142.0-143.0	16.1	1.1	5545.6	0.02	99.80
143.0-144.0	15.1	1.0	5546.6	0.02	99.82

C Plane (°):0.0-360.0: 22.5
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 Test Type: TYPE C
 Temperature: 25.5 °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 Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	14.2	0.9	5547.5	0.02	99.83
145.0-146.0	13.3	0.8	5548.3	0.01	99.85
146.0-147.0	12.4	0.8	5549.0	0.01	99.86
147.0-148.0	11.7	0.7	5549.7	0.01	99.87
148.0-149.0	11.0	0.6	5550.4	0.01	99.88
149.0-150.0	10.3	0.6	5550.9	0.01	99.89
150.0-151.0	9.8	0.5	5551.5	0.01	99.90
151.0-152.0	9.3	0.5	5551.9	0.01	99.91
152.0-153.0	8.8	0.4	5552.4	0.01	99.92
153.0-154.0	8.3	0.4	5552.8	0.01	99.93
154.0-155.0	7.8	0.4	5553.2	0.01	99.93
155.0-156.0	7.4	0.3	5553.5	0.01	99.94
156.0-157.0	7.2	0.3	5553.8	0.01	99.95
157.0-158.0	7.0	0.3	5554.1	0.01	99.95
158.0-159.0	6.8	0.3	5554.4	0.00	99.96
159.0-160.0	6.6	0.3	5554.6	0.00	99.96
160.0-161.0	6.4	0.2	5554.9	0.00	99.96
161.0-162.0	6.3	0.2	5555.1	0.00	99.97
162.0-163.0	6.2	0.2	5555.3	0.00	99.97
163.0-164.0	5.9	0.2	5555.5	0.00	99.98
164.0-165.0	5.8	0.2	5555.6	0.00	99.98
165.0-166.0	5.8	0.2	5555.8	0.00	99.98
166.0-167.0	5.7	0.1	5555.9	0.00	99.98
167.0-168.0	5.5	0.1	5556.1	0.00	99.99
168.0-169.0	5.5	0.1	5556.2	0.00	99.99
169.0-170.0	5.5	0.1	5556.3	0.00	99.99
170.0-171.0	5.4	0.1	5556.4	0.00	99.99
171.0-172.0	5.2	0.1	5556.5	0.00	99.99
172.0-173.0	5.2	0.1	5556.6	0.00	100.00
173.0-174.0	5.3	0.1	5556.6	0.00	100.00
174.0-175.0	5.3	0.1	5556.7	0.00	100.00
175.0-176.0	5.3	0.0	5556.7	0.00	100.00
176.0-177.0	5.2	0.0	5556.8	0.00	100.00
177.0-178.0	5.2	0.0	5556.8	0.00	100.00
178.0-179.0	5.2	0.0	5556.8	0.00	100.00
179.0-180.0	5.2	0.0	5556.8	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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°): 2326.18 lm

%lum = 41.9%

%lamp = 41.9%

cone flux(120°): 3440.13 lm

%lum = 61.9%

%lamp = 61.9%

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	1896.0	1896.0	1896.0	1896.0	1896.0	1896.0	1896.0	1896.0	1896.0	1896.0
G1.0	1911.2	1925.5	1922.3	1909.7	1900.9	1899.0	1896.2	1897.8	1900.6	1888.4
G2.0	1911.7	1925.3	1918.1	1930.7	1922.8	1910.0	1897.7	1900.4	1921.6	1904.6
G3.0	1924.5	1932.1	1934.7	1958.6	1956.2	1947.8	1939.1	1911.1	1909.0	1904.1
G4.0	1909.7	1918.4	1967.1	1956.1	1936.4	1936.1	1969.3	1913.2	1912.4	1893.8
G5.0	1897.9	1923.5	1959.8	1933.8	1927.0	1928.8	1945.2	1937.5	1899.8	1875.9
G6.0	1910.3	1935.7	1924.8	1924.1	1897.6	1915.2	1929.7	1938.9	1907.1	1851.8
G7.0	1906.7	1954.4	1931.4	1916.6	1895.5	1904.5	1929.6	1953.9	1912.9	1832.3
G8.0	1913.6	1954.3	1920.8	1901.2	1873.0	1900.4	1892.8	1953.7	1904.8	1820.8
G9.0	1897.5	1952.0	1916.5	1879.7	1861.4	1871.4	1892.6	1942.3	1898.9	1789.8
G10.0	1878.9	1919.1	1894.4	1868.1	1868.3	1860.4	1890.1	1914.8	1876.2	1752.3
G11.0	1880.3	1896.6	1876.5	1874.2	1833.8	1869.8	1882.6	1900.9	1873.3	1714.3
G12.0	1874.8	1906.6	1868.9	1832.5	1806.6	1834.9	1855.1	1885.1	1865.8	1694.7
G13.0	1858.0	1912.2	1850.1	1808.5	1833.7	1831.1	1841.3	1881.6	1851.7	1670.0
G14.0	1823.1	1889.4	1846.3	1830.2	1867.8	1843.2	1842.5	1851.3	1820.5	1639.5
G15.0	1799.8	1852.3	1823.3	1866.3	1823.6	1862.8	1803.6	1830.7	1806.1	1596.6
G16.0	1800.1	1819.6	1802.6	1859.5	1762.4	1835.0	1785.5	1808.9	1794.4	1569.4
G17.0	1802.6	1796.9	1786.6	1799.9	1769.5	1760.8	1795.4	1790.6	1771.5	1540.2
G18.0	1766.7	1793.9	1787.4	1766.8	1828.7	1774.1	1799.3	1780.2	1756.0	1504.2
G19.0	1740.6	1770.6	1797.1	1802.3	1815.1	1810.4	1802.1	1761.1	1737.2	1481.7
G20.0	1717.6	1740.4	1792.8	1820.9	1763.0	1812.3	1783.6	1740.0	1716.0	1452.1
G21.0	1709.5	1710.1	1766.0	1805.8	1736.4	1779.6	1749.3	1699.5	1693.5	1405.0
G22.0	1685.0	1681.5	1708.4	1765.5	1788.8	1749.1	1698.8	1678.6	1664.9	1371.4
G23.0	1650.9	1676.3	1681.8	1738.2	1804.7	1763.8	1702.6	1668.1	1663.1	1345.4
G24.0	1632.1	1673.0	1703.5	1773.2	1773.6	1794.1	1716.2	1634.2	1649.6	1320.7
G25.0	1611.7	1645.5	1711.6	1773.3	1788.9	1787.6	1698.6	1609.8	1610.8	1287.2
G26.0	1590.3	1620.6	1691.2	1773.8	1804.5	1776.9	1684.6	1599.1	1577.3	1244.4
G27.0	1569.4	1603.1	1683.6	1781.6	1830.3	1778.8	1656.7	1588.9	1567.3	1199.5
G28.0	1542.4	1574.5	1651.7	1780.2	1804.1	1795.9	1626.5	1570.5	1545.0	1166.3
G29.0	1518.7	1545.9	1619.7	1788.1	1856.4	1825.4	1624.0	1549.3	1514.3	1136.2
G30.0	1494.3	1523.7	1612.5	1795.8	1920.4	1796.6	1633.7	1531.0	1486.7	1091.1
G31.0	1469.7	1506.6	1623.3	1829.2	1891.6	1833.6	1621.4	1516.1	1463.2	1056.6
G32.0	1445.9	1482.9	1633.6	1873.2	1876.1	1870.4	1619.4	1501.2	1444.4	1017.2
G33.0	1414.5	1472.8	1626.0	1845.2	1902.3	1854.9	1612.5	1476.9	1428.1	973.8
G34.0	1388.7	1464.7	1626.6	1834.1	2010.5	1849.5	1616.1	1451.7	1404.3	937.1
G35.0	1370.6	1448.4	1611.2	1856.0	2022.0	1874.6	1611.3	1421.2	1366.4	894.3
G36.0	1337.7	1440.1	1585.4	1930.0	1965.9	1943.3	1599.9	1404.7	1345.3	847.7

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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	1304.8	1406.8	1576.2	1937.7	2035.2	1917.9	1598.0	1397.0	1328.3	813.0
G38.0	1279.5	1380.5	1589.4	1889.9	2128.7	1885.9	1601.7	1372.6	1293.1	772.3
G39.0	1254.1	1364.2	1615.7	1918.6	2129.1	1940.4	1623.8	1352.6	1256.8	735.4
G40.0	1219.1	1335.3	1610.8	1999.4	2160.2	2018.0	1598.0	1329.1	1223.2	698.5
G41.0	1183.2	1309.1	1575.8	2008.9	2151.4	2017.8	1575.6	1299.0	1190.2	652.5
G42.0	1149.5	1283.8	1563.2	1985.0	2076.5	1993.6	1575.1	1279.1	1159.9	615.5
G43.0	1114.9	1259.2	1571.5	2000.8	2159.6	2020.7	1589.1	1252.6	1129.7	579.4
G44.0	1082.1	1240.9	1576.3	2005.0	2152.2	2022.9	1595.5	1244.0	1087.9	547.8
G45.0	1045.5	1226.9	1550.8	1990.5	2096.6	2010.2	1552.0	1230.2	1061.3	506.7
G46.0	1014.2	1205.5	1545.4	1966.0	2144.6	1983.0	1546.3	1203.0	1015.5	478.2
G47.0	978.3	1178.8	1548.4	1968.8	2187.7	1997.3	1562.0	1169.4	987.3	443.5
G48.0	949.8	1154.9	1546.9	1999.3	2084.5	2012.2	1586.0	1136.6	944.4	413.9
G49.0	921.0	1116.1	1543.7	1980.1	2052.9	1980.7	1548.7	1108.9	913.9	388.3
G50.0	890.5	1079.9	1531.9	1957.2	2051.3	1960.8	1534.3	1082.0	879.4	361.0
G51.0	861.1	1055.6	1500.9	1945.2	2071.0	1949.0	1498.7	1070.1	851.8	337.6
G52.0	831.2	1051.7	1468.8	1941.1	2097.9	1945.8	1477.8	1060.3	825.3	314.7
G53.0	801.8	1040.7	1451.5	1947.2	2119.3	1953.4	1465.3	1029.8	795.7	295.8
G54.0	774.9	1005.8	1437.4	1952.0	2112.1	1961.2	1448.3	994.1	768.5	279.1
G55.0	748.3	970.0	1417.0	1956.4	2096.6	1962.8	1431.8	966.0	742.7	262.6
G56.0	720.5	955.3	1409.9	1953.4	2082.1	1958.7	1416.5	947.7	716.6	248.2
G57.0	693.7	950.9	1399.3	1945.4	2058.0	1948.2	1403.6	945.1	691.9	234.9
G58.0	667.0	930.3	1391.2	1932.6	2030.7	1934.3	1393.9	905.3	666.5	221.3
G59.0	639.2	888.2	1379.9	1906.5	1980.1	1910.9	1387.0	864.3	637.9	206.5
G60.0	610.8	866.3	1368.3	1876.5	1944.5	1880.7	1377.5	842.8	609.2	192.8
G61.0	582.6	841.8	1355.2	1829.6	1904.4	1842.4	1362.7	838.1	577.7	180.0
G62.0	552.5	838.3	1340.7	1796.4	1859.2	1800.5	1346.8	826.2	543.9	170.0
G63.0	521.6	807.6	1326.4	1756.3	1817.2	1760.6	1323.6	777.3	515.3	158.4
G64.0	489.2	768.6	1306.5	1720.1	1761.5	1720.2	1303.0	750.0	486.4	148.6
G65.0	461.0	744.1	1281.2	1680.1	1726.4	1683.9	1280.7	730.0	457.2	139.3
G66.0	429.5	731.2	1250.4	1642.9	1717.1	1645.3	1253.2	710.4	424.6	129.3
G67.0	398.5	688.5	1222.9	1610.3	1705.6	1612.2	1223.8	664.2	392.1	120.3
G68.0	366.4	656.9	1196.1	1582.8	1688.7	1583.0	1196.0	639.4	356.8	109.7
G69.0	335.9	634.4	1170.9	1554.8	1656.9	1560.2	1170.5	619.5	326.6	100.9
G70.0	304.9	612.3	1143.9	1524.9	1628.5	1532.4	1142.8	598.4	298.5	93.5
G71.0	280.0	591.1	1113.7	1495.3	1591.6	1506.5	1115.0	579.3	270.7	85.5
G72.0	253.4	571.0	1088.5	1467.3	1560.8	1476.9	1085.0	559.9	246.1	77.5
G73.0	230.5	551.3	1057.8	1440.5	1536.7	1451.5	1057.6	539.4	224.1	70.7

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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	210.4	530.1	1029.7	1411.0	1509.3	1423.7	1023.9	518.4	204.1	65.2
G75.0	188.9	508.9	997.0	1386.9	1480.0	1393.3	994.0	495.4	182.7	59.0
G76.0	171.6	487.8	968.2	1359.4	1457.0	1363.8	966.1	475.0	164.0	53.2
G77.0	153.8	467.1	943.6	1331.5	1434.7	1336.2	936.8	453.1	147.9	48.0
G78.0	138.6	443.4	915.4	1302.6	1405.9	1308.2	910.8	432.6	132.6	42.8
G79.0	124.1	422.6	891.4	1272.1	1366.2	1276.8	884.2	412.5	117.8	39.3
G80.0	110.1	402.2	861.1	1236.8	1321.7	1241.9	858.2	393.1	103.8	35.4
G81.0	97.9	379.7	835.6	1192.0	1282.0	1200.1	828.2	372.2	92.2	31.7
G82.0	86.3	360.5	806.9	1158.1	1250.7	1165.8	801.5	353.4	81.4	29.4
G83.0	76.7	342.9	777.0	1120.9	1212.5	1129.7	774.1	337.2	71.8	27.1
G84.0	67.7	325.6	745.3	1085.8	1169.9	1092.0	742.6	319.3	62.4	24.9
G85.0	59.3	307.1	716.2	1053.5	1135.6	1056.9	713.3	302.4	54.9	22.7
G86.0	51.4	291.6	689.2	1019.1	1096.8	1020.4	687.7	285.2	47.8	21.4
G87.0	45.3	274.9	659.8	982.8	1060.9	985.2	660.1	270.4	42.7	20.4
G88.0	40.0	260.2	633.0	945.3	1022.0	946.7	633.0	257.0	37.1	19.5
G89.0	36.6	245.1	608.5	907.9	983.2	909.4	607.6	243.0	34.4	18.5
G90.0	32.8	233.2	584.5	870.3	951.4	873.2	582.3	230.8	31.5	18.2
G91.0	30.6	221.4	561.0	840.2	913.2	841.0	558.2	219.4	29.5	17.1
G92.0	28.8	210.0	536.1	805.7	880.7	810.1	535.3	208.6	28.1	17.0
G93.0	28.1	198.6	514.2	773.4	844.7	775.3	511.7	197.9	26.7	16.2
G94.0	27.3	188.6	494.2	737.3	805.9	741.0	492.0	188.6	26.0	15.7
G95.0	26.7	178.6	472.0	707.1	771.5	709.9	470.5	179.1	26.0	15.2
G96.0	26.7	169.9	451.8	679.1	737.9	680.3	449.8	169.7	25.7	14.6
G97.0	26.5	160.7	432.5	651.0	706.6	653.7	427.0	161.5	25.7	14.4
G98.0	26.5	152.6	413.6	625.3	680.3	628.0	407.9	153.4	25.3	13.9
G99.0	26.4	145.4	393.9	599.9	654.1	599.4	390.2	146.6	25.6	13.4
G100.0	26.6	137.3	376.2	574.8	629.6	577.2	372.6	138.2	25.0	12.7
G101.0	26.3	130.1	360.8	552.7	606.8	555.0	357.1	131.0	24.8	12.3
G102.0	26.0	123.7	345.5	530.3	584.4	533.1	342.1	123.8	24.9	12.0
G103.0	26.2	117.0	331.2	509.3	563.5	510.1	327.9	116.7	25.0	11.3
G104.0	26.2	110.0	316.0	489.8	539.2	490.5	313.7	110.5	24.7	11.0
G105.0	25.7	102.9	302.3	468.8	519.1	470.7	298.1	103.9	24.2	10.6
G106.0	25.8	97.4	288.1	452.1	498.7	453.4	284.3	98.0	24.6	10.1
G107.0	25.9	92.2	274.0	435.6	481.5	435.3	271.2	92.5	24.2	9.7
G108.0	25.1	86.9	261.3	419.8	465.2	419.4	258.6	87.3	23.9	9.3
G109.0	25.2	81.6	248.8	403.0	447.6	403.8	245.4	82.8	23.3	8.7
G110.0	25.1	77.5	237.3	387.4	419.2	386.6	233.9	77.5	23.3	8.9

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	24.0	73.2	224.8	371.8	386.6	370.6	222.4	72.9	22.7	8.3
G112.0	23.6	68.6	213.0	354.7	360.5	355.1	209.9	68.7	21.9	8.4
G113.0	22.8	64.5	200.4	339.4	334.3	339.6	198.4	64.9	21.1	8.1
G114.0	22.8	61.4	189.2	324.2	313.4	323.4	187.2	61.7	20.7	7.9
G115.0	22.1	57.9	178.0	309.8	292.0	309.3	176.6	57.9	20.4	7.6
G116.0	21.2	54.2	167.4	293.6	274.9	294.9	165.1	54.6	19.3	7.7
G117.0	20.6	51.1	156.6	278.4	259.9	279.6	156.0	51.2	19.2	7.3
G118.0	19.8	48.9	147.5	263.9	246.6	263.5	146.5	48.3	18.2	7.5
G119.0	19.4	45.4	138.2	249.3	235.2	249.0	136.7	45.5	17.9	6.8
G120.0	18.7	43.1	129.1	235.2	223.2	235.5	128.3	43.5	17.3	6.1
G121.0	17.8	40.8	120.9	220.1	210.9	220.6	120.7	40.9	17.1	5.6
G122.0	17.3	38.6	113.1	205.8	199.2	206.5	112.5	38.5	16.5	6.3
G123.0	16.4	36.6	106.0	189.1	186.7	191.9	104.9	35.9	16.0	6.4
G124.0	16.1	34.7	98.8	174.7	174.0	178.0	98.2	34.3	15.3	5.8
G125.0	15.4	33.6	91.4	160.8	162.1	164.8	91.3	32.8	15.2	6.2
G126.0	14.9	31.6	85.6	148.3	151.7	152.0	85.6	31.1	14.3	5.5
G127.0	14.6	29.9	80.0	135.4	140.7	140.6	80.6	29.2	14.0	5.7
G128.0	13.7	27.9	75.4	124.4	129.8	128.4	75.4	27.4	13.1	5.8
G129.0	13.5	26.4	70.5	113.4	121.0	117.3	70.6	26.1	12.5	6.0
G130.0	12.5	24.6	65.7	104.2	111.3	107.7	66.2	25.3	12.2	6.0
G131.0	12.4	23.5	61.7	94.7	101.8	98.8	61.9	23.2	12.1	5.8
G132.0	11.4	22.4	57.9	87.5	94.4	90.7	57.7	22.3	11.8	5.5
G133.0	11.7	21.4	54.5	80.7	86.8	83.5	54.3	21.1	10.8	6.1
G134.0	11.2	20.6	51.5	74.1	80.7	77.1	52.0	20.2	11.1	5.1
G135.0	10.5	19.5	48.4	68.5	74.4	71.9	48.3	19.6	10.9	5.8
G136.0	10.7	18.0	45.4	63.7	69.5	66.9	45.1	18.1	10.3	5.1
G137.0	10.0	17.3	41.7	59.9	64.9	62.2	41.6	16.9	10.0	5.1
G138.0	9.4	16.6	39.4	55.9	61.3	58.1	39.2	16.8	9.5	4.6
G139.0	9.3	15.8	36.9	52.1	57.8	54.0	36.4	15.2	9.2	5.1
G140.0	8.6	15.0	34.0	48.6	55.0	50.2	34.4	14.8	8.6	4.6
G141.0	7.8	14.3	31.5	45.4	50.9	46.8	31.4	14.3	8.1	4.7
G142.0	7.8	13.5	29.5	42.4	47.2	43.5	28.8	13.7	7.7	4.8
G143.0	7.5	12.6	27.5	39.2	44.2	40.0	26.8	13.1	7.0	5.5
G144.0	7.4	12.1	25.5	36.1	40.8	37.1	25.0	12.0	7.6	4.5
G145.0	7.1	11.1	23.5	33.1	37.6	34.5	23.4	11.5	6.7	5.1
G146.0	6.8	10.5	22.0	30.5	35.1	31.2	21.5	11.1	6.5	5.1
G147.0	6.4	10.3	20.0	27.9	31.5	28.9	20.0	10.6	5.5	4.6

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 'C
 Operator:

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

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	6.0	9.5	18.3	25.6	28.9	26.3	19.3	9.8	6.4	4.7
G149.0	6.0	9.1	17.0	23.7	25.7	24.5	17.1	9.8	5.6	4.4
G150.0	5.7	8.1	16.0	21.4	23.8	22.7	16.1	9.1	5.3	4.5
G151.0	5.3	7.1	14.8	20.0	22.3	21.1	14.8	8.7	5.6	4.6
G152.0	4.5	7.0	13.9	18.6	20.3	19.6	13.6	7.8	5.2	4.6
G153.0	4.5	6.9	12.6	17.2	18.7	18.5	13.0	6.9	4.7	4.6
G154.0	4.0	6.1	12.4	16.2	16.9	17.2	11.8	6.4	4.2	3.8
G155.0	3.6	5.6	11.9	14.6	16.0	15.9	11.1	6.0	4.3	4.3
G156.0	3.5	4.7	10.8	13.7	15.2	14.9	10.6	5.9	3.4	4.4
G157.0	4.4	3.3	9.9	12.6	14.2	14.2	9.6	5.4	4.3	5.1
G158.0	4.2	5.1	9.3	12.1	13.1	12.9	8.8	4.7	4.5	4.7
G159.0	4.2	5.1	9.1	10.9	12.6	12.8	8.5	5.3	4.2	4.1
G160.0	3.7	4.8	8.1	10.4	11.2	11.5	8.2	5.2	4.0	5.0
G161.0	4.0	5.2	7.2	9.9	10.7	10.7	7.4	4.8	4.5	5.5
G162.0	4.4	5.1	6.6	9.1	9.8	10.1	7.4	5.2	3.6	5.5
G163.0	4.1	4.8	5.6	8.6	9.3	9.9	6.9	5.5	4.7	5.6
G164.0	3.7	4.6	6.2	8.0	8.1	9.0	6.0	5.7	5.0	5.1
G165.0	4.5	4.8	6.0	7.6	7.8	8.0	5.7	5.3	4.9	4.4
G166.0	5.0	4.8	5.3	6.4	7.7	7.7	5.9	5.3	4.7	5.4
G167.0	4.7	4.6	5.7	6.7	6.7	7.3	4.8	4.8	4.8	5.5
G168.0	4.2	4.6	5.1	5.5	6.3	6.2	4.6	5.2	4.1	5.6
G169.0	4.2	5.1	5.1	5.6	5.7	6.5	5.0	5.6	4.5	5.8
G170.0	4.8	4.8	5.2	5.6	5.6	6.2	5.2	5.5	5.0	5.2
G171.0	3.6	5.1	5.1	4.6	5.2	5.7	5.2	4.7	5.0	5.8
G172.0	5.1	4.6	5.1	4.8	4.9	5.8	3.9	5.5	5.2	4.6
G173.0	4.7	4.7	5.0	4.9	3.1	6.0	5.0	5.5	5.0	5.8
G174.0	5.0	5.2	5.1	4.5	4.6	5.8	4.9	4.8	5.0	5.3
G175.0	4.5	5.6	5.3	5.1	4.8	4.0	4.8	5.3	5.7	5.1
G176.0	5.3	5.3	4.8	4.9	5.0	5.8	4.7	5.1	4.7	5.7
G177.0	5.5	5.3	5.1	4.9	4.5	5.3	4.6	5.2	5.2	5.6
G178.0	4.1	5.2	5.7	5.2	5.0	5.1	4.9	5.2	5.4	5.9
G179.0	5.5	5.1	5.4	5.4	4.7	5.4	4.8	5.1	5.7	5.8
G180.0	5.9	5.3	4.9	4.1	4.9	5.1	5.2	4.1	4.9	5.8

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	1896.0	1896.0	1896.0	1896.0	1896.0	1896.0	1896.0			
G1.0	1879.0	1874.6	1879.0	1890.8	1893.0	1893.0	1911.2			
G2.0	1882.3	1861.3	1854.6	1875.7	1880.0	1884.9	1911.7			
G3.0	1873.8	1819.2	1800.4	1829.4	1864.2	1890.7	1924.5			
G4.0	1831.6	1768.8	1738.6	1776.7	1834.9	1867.6	1909.7			
G5.0	1785.0	1723.5	1696.6	1723.8	1785.0	1850.5	1897.9			
G6.0	1737.0	1685.8	1647.2	1685.0	1728.8	1849.7	1910.3			
G7.0	1699.0	1654.4	1624.2	1658.3	1696.7	1833.0	1906.7			
G8.0	1665.6	1621.2	1577.7	1623.7	1669.4	1812.8	1913.6			
G9.0	1647.8	1568.4	1542.4	1568.9	1649.0	1784.9	1897.5			
G10.0	1626.8	1530.0	1502.6	1527.0	1622.3	1743.3	1878.9			
G11.0	1586.9	1491.0	1441.3	1491.1	1580.0	1709.1	1880.3			
G12.0	1546.9	1431.0	1379.4	1428.0	1539.8	1692.3	1874.8			
G13.0	1514.6	1366.8	1330.1	1371.6	1502.2	1664.3	1858.0			
G14.0	1478.2	1321.0	1265.4	1323.6	1458.7	1634.7	1823.1			
G15.0	1425.1	1262.8	1205.3	1265.6	1418.8	1592.8	1799.8			
G16.0	1378.4	1207.6	1133.9	1211.3	1369.2	1565.1	1800.1			
G17.0	1331.7	1139.3	1055.0	1145.8	1320.4	1550.0	1802.6			
G18.0	1291.2	1068.8	981.5	1078.4	1272.5	1522.3	1766.7			
G19.0	1230.8	1004.6	912.8	1001.6	1228.5	1471.0	1740.6			
G20.0	1176.4	935.1	839.1	932.7	1168.8	1439.6	1717.6			
G21.0	1125.2	866.0	766.2	864.1	1115.0	1409.1	1709.5			
G22.0	1069.3	793.2	689.6	794.4	1063.9	1379.7	1685.0			
G23.0	1014.9	722.8	608.2	723.7	1002.3	1346.7	1650.9			
G24.0	957.7	644.0	542.3	651.4	942.4	1305.6	1632.1			
G25.0	894.7	579.3	491.6	579.7	884.5	1273.2	1611.7			
G26.0	837.9	523.9	449.4	523.0	827.5	1237.5	1590.3			
G27.0	786.6	476.1	409.3	476.0	774.0	1195.0	1569.4			
G28.0	729.8	437.3	379.8	437.9	717.2	1161.7	1542.4			
G29.0	670.7	400.1	354.9	404.7	660.0	1122.3	1518.7			
G30.0	618.9	372.8	330.3	374.9	608.4	1082.4	1494.3			
G31.0	571.7	348.4	307.2	351.1	557.3	1038.3	1469.7			
G32.0	523.4	324.6	287.5	327.4	510.0	996.5	1445.9			
G33.0	480.2	302.7	271.9	304.4	469.9	955.0	1414.5			
G34.0	444.7	283.0	254.4	285.9	435.1	913.9	1388.7			
G35.0	409.3	266.2	241.3	268.9	402.6	870.9	1370.6			
G36.0	380.6	249.6	227.3	250.3	371.8	828.3	1337.7			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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	356.0	233.3	210.9	234.4	348.3	791.5	1304.8			
G38.0	332.1	218.6	196.3	220.5	326.1	749.7	1279.5			
G39.0	308.3	202.6	183.1	204.6	305.1	711.3	1254.1			
G40.0	289.3	189.4	167.8	190.7	286.1	667.7	1219.1			
G41.0	271.6	176.3	154.4	176.4	268.0	631.2	1183.2			
G42.0	255.3	162.7	139.8	162.6	250.3	595.5	1149.5			
G43.0	239.5	150.1	127.1	150.3	235.5	558.8	1114.9			
G44.0	222.2	136.6	115.3	137.5	219.6	522.3	1082.1			
G45.0	208.1	125.8	104.7	125.9	204.4	488.8	1045.5			
G46.0	194.8	114.9	95.2	115.1	191.6	458.5	1014.2			
G47.0	180.3	105.8	87.5	105.9	177.4	427.8	978.3			
G48.0	168.2	96.8	77.8	97.3	166.3	400.3	949.8			
G49.0	156.4	88.6	71.4	90.1	155.6	370.7	921.0			
G50.0	145.6	82.1	67.3	82.2	144.0	347.7	890.5			
G51.0	135.3	76.1	64.0	76.5	134.7	326.1	861.1			
G52.0	125.4	70.2	61.4	70.6	124.9	306.6	831.2			
G53.0	116.8	65.4	60.5	65.7	116.7	288.7	801.8			
G54.0	107.2	61.1	60.4	61.7	107.9	270.3	774.9			
G55.0	100.2	57.9	59.4	57.8	99.6	255.5	748.3			
G56.0	91.8	54.1	57.9	55.0	92.1	241.6	720.5			
G57.0	85.0	50.9	54.1	51.9	85.4	228.5	693.7			
G58.0	78.0	47.9	50.0	49.0	79.4	215.0	667.0			
G59.0	71.8	44.8	44.6	46.0	72.5	200.7	639.2			
G60.0	65.6	42.1	40.5	43.1	66.6	188.3	610.8			
G61.0	60.2	38.7	35.6	39.9	61.7	177.5	582.6			
G62.0	54.8	36.1	31.9	36.8	56.4	166.6	552.5			
G63.0	50.3	32.9	28.2	34.2	51.6	156.3	521.6			
G64.0	45.8	29.3	24.8	30.0	47.4	147.1	489.2			
G65.0	41.9	24.9	22.4	26.0	43.1	138.1	461.0			
G66.0	37.8	20.8	15.4	21.9	39.2	128.3	429.5			
G67.0	34.3	17.0	10.4	18.4	35.8	118.7	398.5			
G68.0	30.2	11.3	5.8	11.8	31.8	109.8	366.4			
G69.0	27.4	8.4	2.1	9.0	28.7	102.0	335.9			
G70.0	24.3	1.9	1.6	2.4	25.6	94.5	304.9			
G71.0	21.5	1.6	1.4	2.5	22.4	86.1	280.0			
G72.0	18.3	1.5	1.7	2.4	19.2	79.0	253.4			
G73.0	15.3	2.0	1.7	2.3	16.3	72.7	230.5			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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	12.2	1.7	1.9	2.3	13.5	67.1	210.4			
G75.0	10.8	1.9	2.1	2.4	11.7	60.2	188.9			
G76.0	10.3	1.9	2.1	2.0	10.9	54.9	171.6			
G77.0	10.0	1.6	1.9	2.5	10.2	50.1	153.8			
G78.0	9.3	1.1	2.4	2.4	9.3	45.7	138.6			
G79.0	8.6	1.9	2.6	2.6	8.9	41.8	124.1			
G80.0	8.1	2.4	2.2	2.6	8.8	37.8	110.1			
G81.0	7.8	2.1	2.2	2.3	8.0	34.6	97.9			
G82.0	7.6	2.1	1.9	2.4	7.3	31.8	86.3			
G83.0	7.1	2.3	2.4	2.8	7.3	29.3	76.7			
G84.0	7.1	1.4	2.2	2.7	6.6	27.2	67.7			
G85.0	5.8	2.9	2.3	2.6	6.8	25.0	59.3			
G86.0	6.5	2.6	2.9	2.8	6.5	23.8	51.4			
G87.0	6.6	1.8	2.6	2.5	6.7	22.4	45.3			
G88.0	7.0	2.5	2.7	2.9	6.5	21.5	40.0			
G89.0	6.5	2.9	2.7	2.6	6.0	21.0	36.6			
G90.0	6.1	2.6	3.0	3.1	6.3	20.3	32.8			
G91.0	5.7	2.7	2.7	3.2	6.1	19.3	30.6			
G92.0	5.3	2.6	2.9	3.3	6.0	18.8	28.8			
G93.0	5.6	2.6	2.2	2.3	5.8	18.2	28.1			
G94.0	5.6	2.4	2.7	3.1	5.8	17.8	27.3			
G95.0	5.0	2.2	2.4	3.4	5.3	17.1	26.7			
G96.0	5.3	2.6	3.1	3.6	5.3	16.3	26.7			
G97.0	4.7	2.2	2.8	3.0	5.3	16.2	26.5			
G98.0	5.6	2.8	3.2	3.0	5.3	15.5	26.5			
G99.0	5.3	3.0	3.6	3.1	4.4	15.2	26.4			
G100.0	4.6	2.4	3.2	3.8	5.0	14.1	26.6			
G101.0	4.9	2.8	2.9	3.7	4.9	14.1	26.3			
G102.0	3.8	3.0	3.1	3.8	4.8	13.3	26.0			
G103.0	4.4	2.2	3.5	3.8	3.7	13.1	26.2			
G104.0	4.4	2.4	3.0	3.9	3.8	12.3	26.2			
G105.0	3.3	3.2	3.3	3.3	4.1	11.7	25.7			
G106.0	4.1	3.0	2.7	3.1	4.1	11.8	25.8			
G107.0	3.6	3.1	3.3	3.7	4.1	11.3	25.9			
G108.0	3.8	2.4	2.9	4.1	3.9	10.3	25.1			
G109.0	4.1	2.5	2.9	3.8	3.7	10.2	25.2			
G110.0	3.6	2.4	2.9	3.7	4.2	10.1	25.1			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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	3.4	3.0	3.2	3.9	4.3	9.7	24.0			
G112.0	3.4	2.8	3.1	3.3	3.2	9.6	23.6			
G113.0	3.4	2.9	3.2	3.8	3.6	8.9	22.8			
G114.0	3.6	3.3	3.4	3.6	3.6	9.0	22.8			
G115.0	3.4	3.0	3.3	3.1	3.7	8.3	22.1			
G116.0	3.6	2.8	3.2	4.0	2.9	8.6	21.2			
G117.0	3.3	1.7	3.3	3.7	3.5	8.2	20.6			
G118.0	3.2	2.7	3.0	3.3	2.7	7.6	19.8			
G119.0	2.9	3.1	3.4	3.6	3.4	7.8	19.4			
G120.0	2.0	3.1	3.5	4.4	3.6	7.6	18.7			
G121.0	2.9	3.3	3.6	3.4	3.6	7.6	17.8			
G122.0	3.4	3.2	3.5	3.5	3.4	7.2	17.3			
G123.0	2.5	2.7	3.5	4.0	3.7	7.2	16.4			
G124.0	3.3	3.5	3.5	4.1	3.5	6.9	16.1			
G125.0	2.1	2.4	3.5	3.8	3.9	6.5	15.4			
G126.0	2.6	3.3	3.3	3.9	3.8	7.1	14.9			
G127.0	2.6	3.0	3.3	4.1	3.4	6.7	14.6			
G128.0	2.8	3.5	3.3	3.5	3.2	6.4	13.7			
G129.0	3.1	2.7	2.9	4.3	2.7	6.6	13.5			
G130.0	3.0	3.3	3.8	3.8	3.2	6.5	12.5			
G131.0	3.1	2.9	2.9	4.0	3.8	6.4	12.4			
G132.0	3.3	3.7	3.7	4.5	3.4	5.6	11.4			
G133.0	3.6	3.6	4.1	4.5	3.5	5.5	11.7			
G134.0	3.2	3.4	3.9	4.4	3.2	6.2	11.2			
G135.0	3.3	3.7	3.6	4.6	3.8	5.5	10.5			
G136.0	2.9	3.5	3.4	4.3	3.2	6.0	10.7			
G137.0	3.6	3.2	4.4	4.6	3.2	6.2	10.0			
G138.0	2.9	4.2	3.9	4.3	3.9	6.1	9.4			
G139.0	3.4	3.6	4.0	4.9	3.6	5.9	9.3			
G140.0	3.6	3.9	4.2	4.8	4.0	5.5	8.6			
G141.0	3.4	4.0	4.5	4.6	4.3	5.7	7.8			
G142.0	3.6	4.1	4.0	4.3	3.5	5.5	7.8			
G143.0	4.1	4.1	4.3	4.8	4.2	5.4	7.5			
G144.0	3.0	4.4	4.5	4.6	3.4	5.0	7.4			
G145.0	3.6	4.4	3.9	5.0	4.6	5.7	7.1			
G146.0	2.3	3.4	4.5	4.9	4.1	5.3	6.8			
G147.0	4.0	4.7	4.0	4.7	4.1	5.5	6.4			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °C
 Operator:

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

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	4.3	4.7	4.2	5.3	4.5	5.2	6.0			
G149.0	3.8	4.9	4.3	5.3	3.9	3.8	6.0			
G150.0	4.7	4.5	4.9	4.8	4.4	5.3	5.7			
G151.0	4.6	4.9	4.7	4.5	4.8	4.8	5.3			
G152.0	4.4	5.1	4.6	5.3	4.8	5.0	4.5			
G153.0	4.8	4.9	4.0	5.4	4.8	4.8	4.5			
G154.0	5.1	4.5	4.6	5.4	4.3	5.0	4.0			
G155.0	4.1	4.5	5.1	4.9	4.5	4.1	3.6			
G156.0	4.6	5.1	5.2	4.5	4.9	5.1	3.5			
G157.0	4.8	5.3	4.9	4.6	5.0	5.5	4.4			
G158.0	4.1	5.5	4.9	6.0	5.1	5.0	4.2			
G159.0	5.1	5.3	4.9	5.8	4.9	5.2	4.2			
G160.0	5.3	5.2	5.2	5.6	5.3	5.2	3.7			
G161.0	4.8	5.4	5.3	5.7	5.2	5.2	4.0			
G162.0	5.3	5.9	5.8	5.5	5.7	5.7	4.4			
G163.0	3.3	5.9	5.6	5.9	5.3	5.7	4.1			
G164.0	4.9	5.9	4.9	5.1	5.5	5.5	3.7			
G165.0	5.7	5.7	5.2	5.5	5.4	5.7	4.5			
G166.0	5.5	5.9	5.5	5.9	5.7	6.0	5.0			
G167.0	5.3	5.6	5.9	5.7	5.7	5.8	4.7			
G168.0	5.5	6.4	6.0	6.2	5.8	5.9	4.2			
G169.0	5.7	6.0	5.7	5.8	5.6	6.2	4.2			
G170.0	5.5	6.1	5.7	6.5	5.5	6.1	4.8			
G171.0	4.7	6.2	4.8	6.3	6.2	5.9	3.6			
G172.0	5.2	5.7	6.0	6.1	5.0	5.6	5.1			
G173.0	5.7	6.0	5.7	6.3	5.5	5.6	4.7			
G174.0	5.6	6.1	5.1	6.3	5.5	5.8	5.0			
G175.0	5.1	6.4	5.6	6.0	5.5	5.7	4.5			
G176.0	5.5	5.7	5.3	5.2	5.3	5.4	5.3			
G177.0	5.6	5.2	3.9	5.2	5.5	5.7	5.5			
G178.0	4.9	4.5	5.5	5.8	5.4	5.8	4.1			
G179.0	4.3	5.1	5.5	5.1	5.1	5.5	5.5			
G180.0	5.5	5.5	4.7	5.5	4.6	5.5	5.9			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 'C
 Operator:

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