

Report No.:

Test Time: 2021-10-13 16:52

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.377 A

Power Factor: 0.936

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 97.84 W

Photometric Results

CIE Class: Direct

Measurement Flux: 14397.2 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.4, 125.6, 125.2, 126.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 88.2, 88.3, 88.4, 88.6

Luminaire Efficacy Rating (LER): 147.20

Max. Intensity: 7111.19 cd

S/MH(C0/C180): 1.35

Total Rated Lamp Lumens: 14397.2 lm

Efficiency: 100%

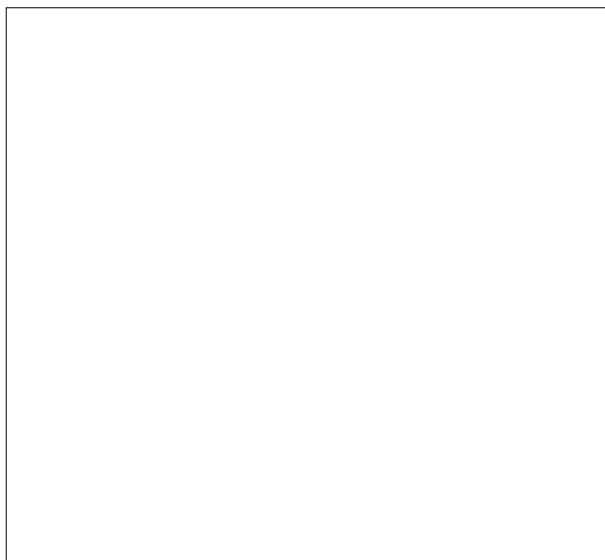
Upward Ratio: 0%

C0r0 Intensity: 7103.53 cd

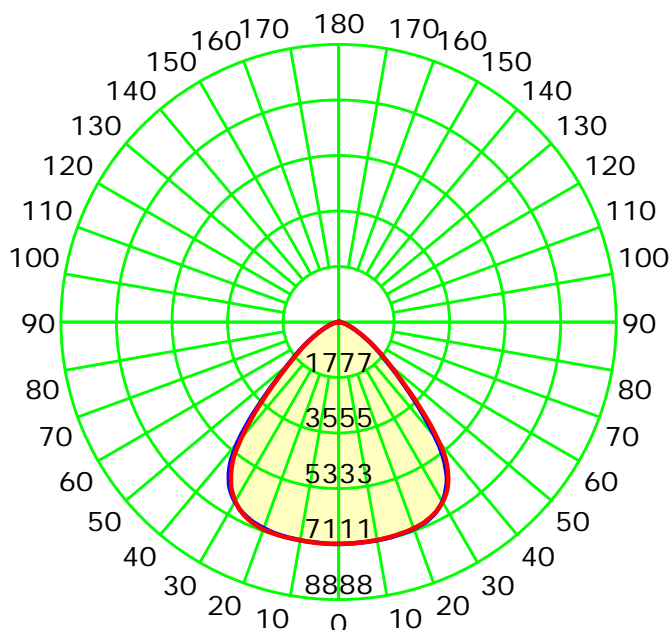
Pos of Max. Intensity: H337.5 V6

S/MH(C90/C270): 1.35

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 88.3°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 °C

Operator:

Gamma Plane (°):0.0-180.0: 1.0

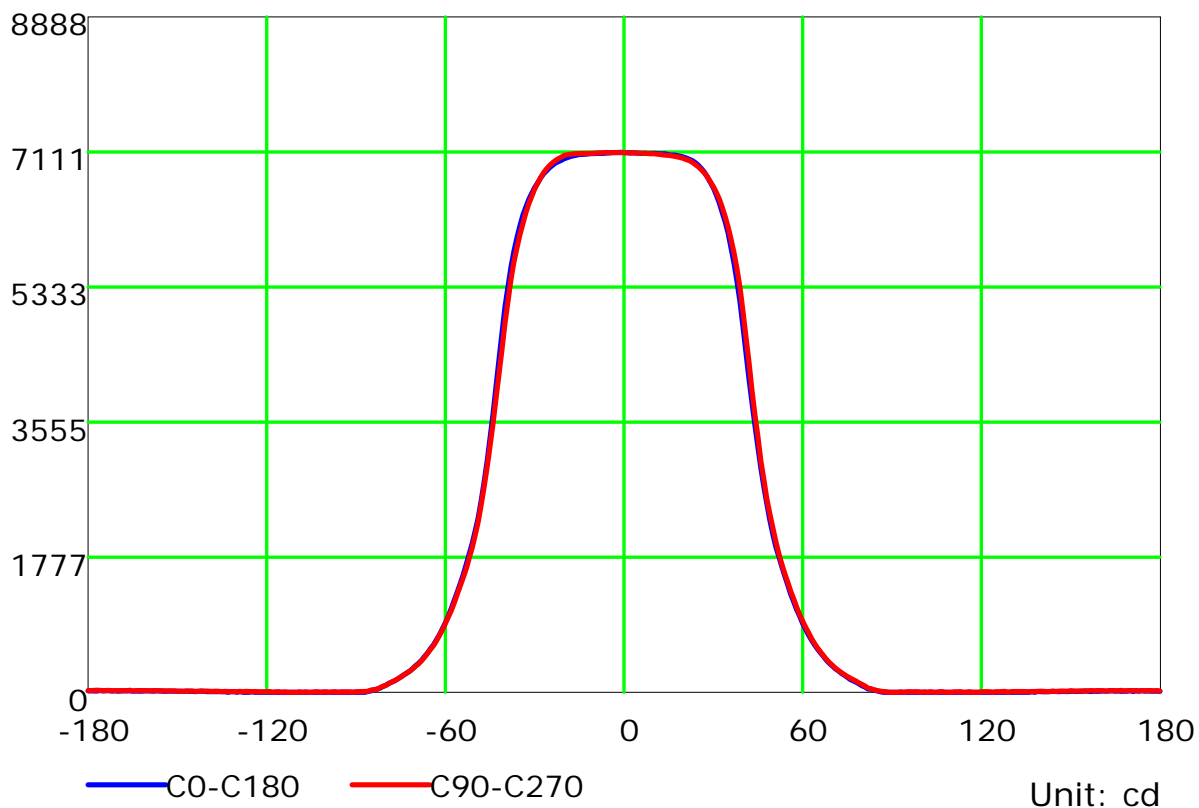
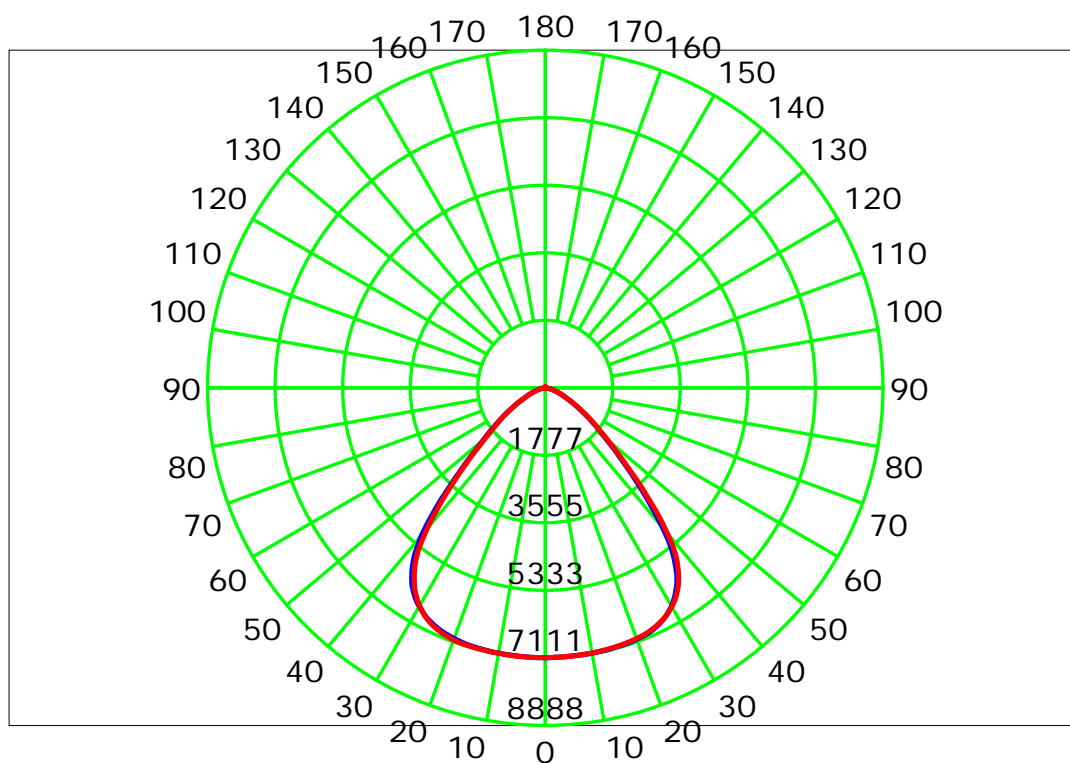
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

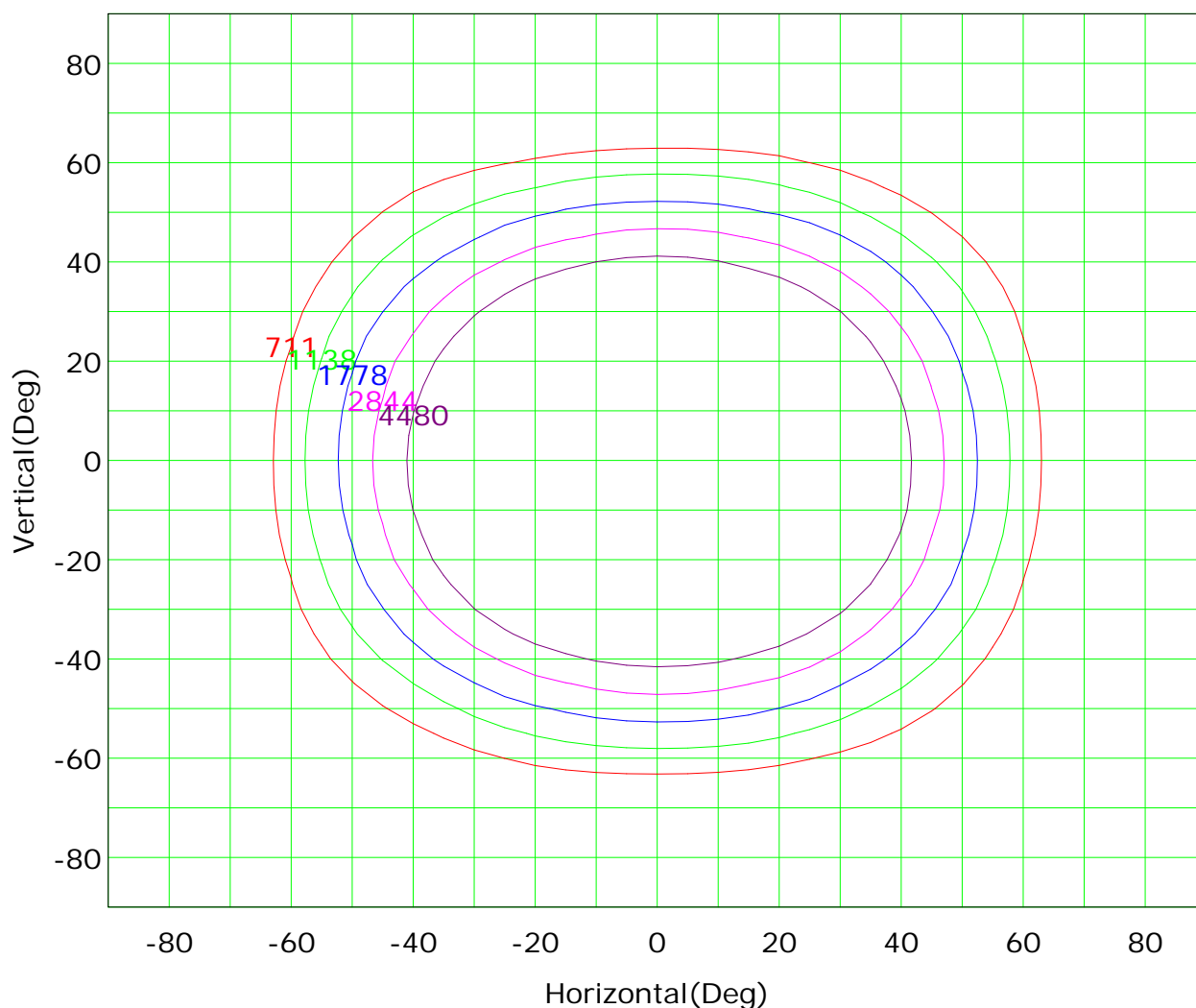
Luminous Intensity Distribution Curve



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

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

Isocandela (rectangle)



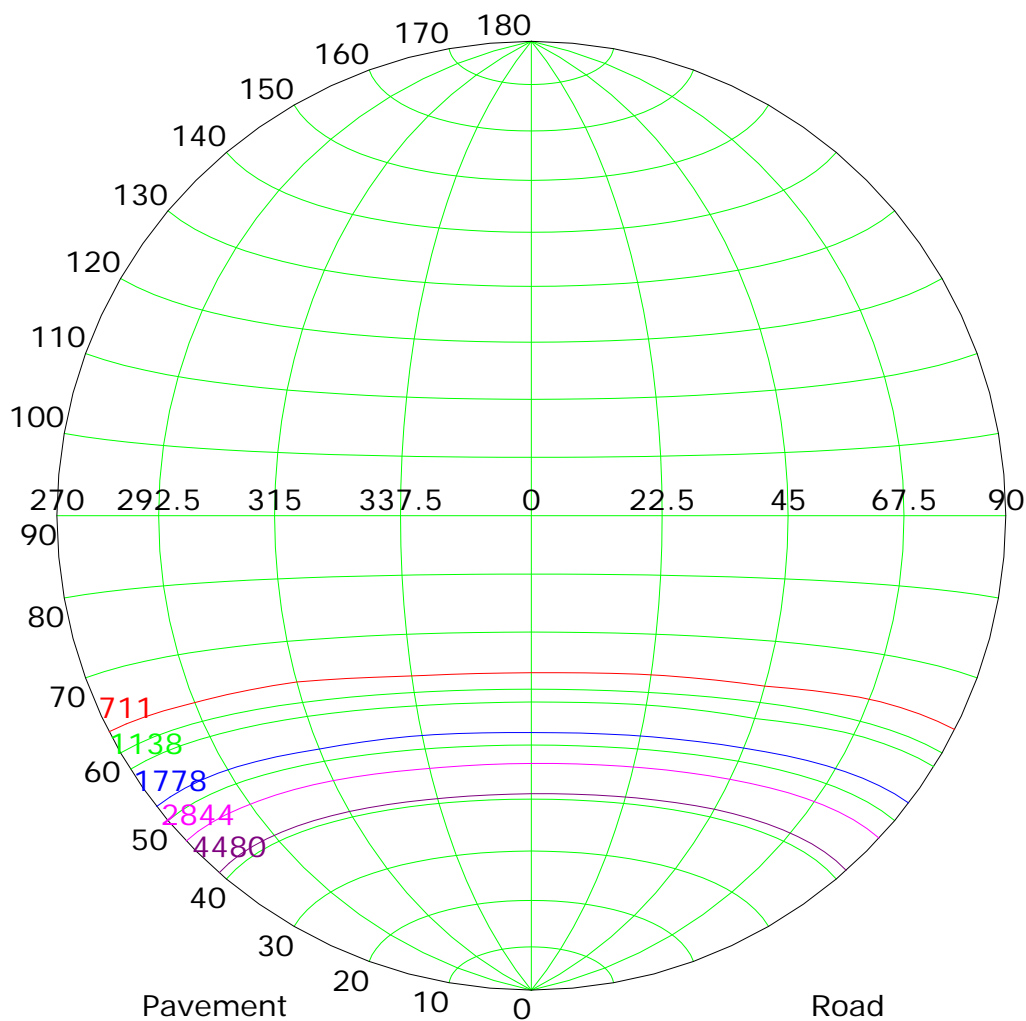
I_{max} (100%): 7111 cd

(10%): 711 cd	(16%): 1138 cd
(25%): 1778 cd	(40%): 2844 cd
(63%): 4480 cd	(100%): 7111 cd

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

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

Isocandela (sphere)



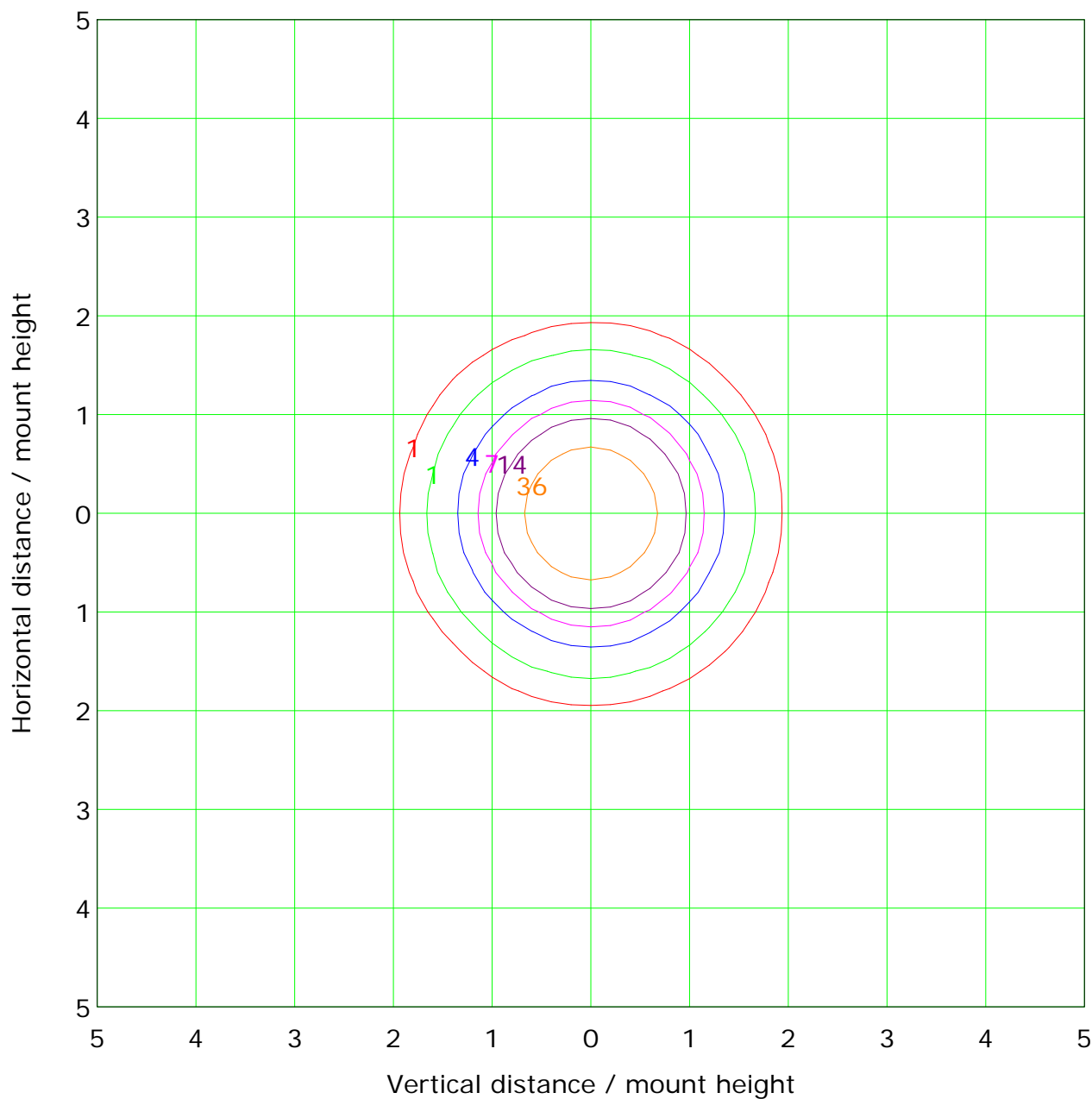
Imax (100%): 7111 cd

(10%): 711 cd	(16%): 1138 cd
(25%): 1778 cd	(40%): 2844 cd
(63%): 4480 cd	(100%): 7111 cd

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

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

IsoLux Plot



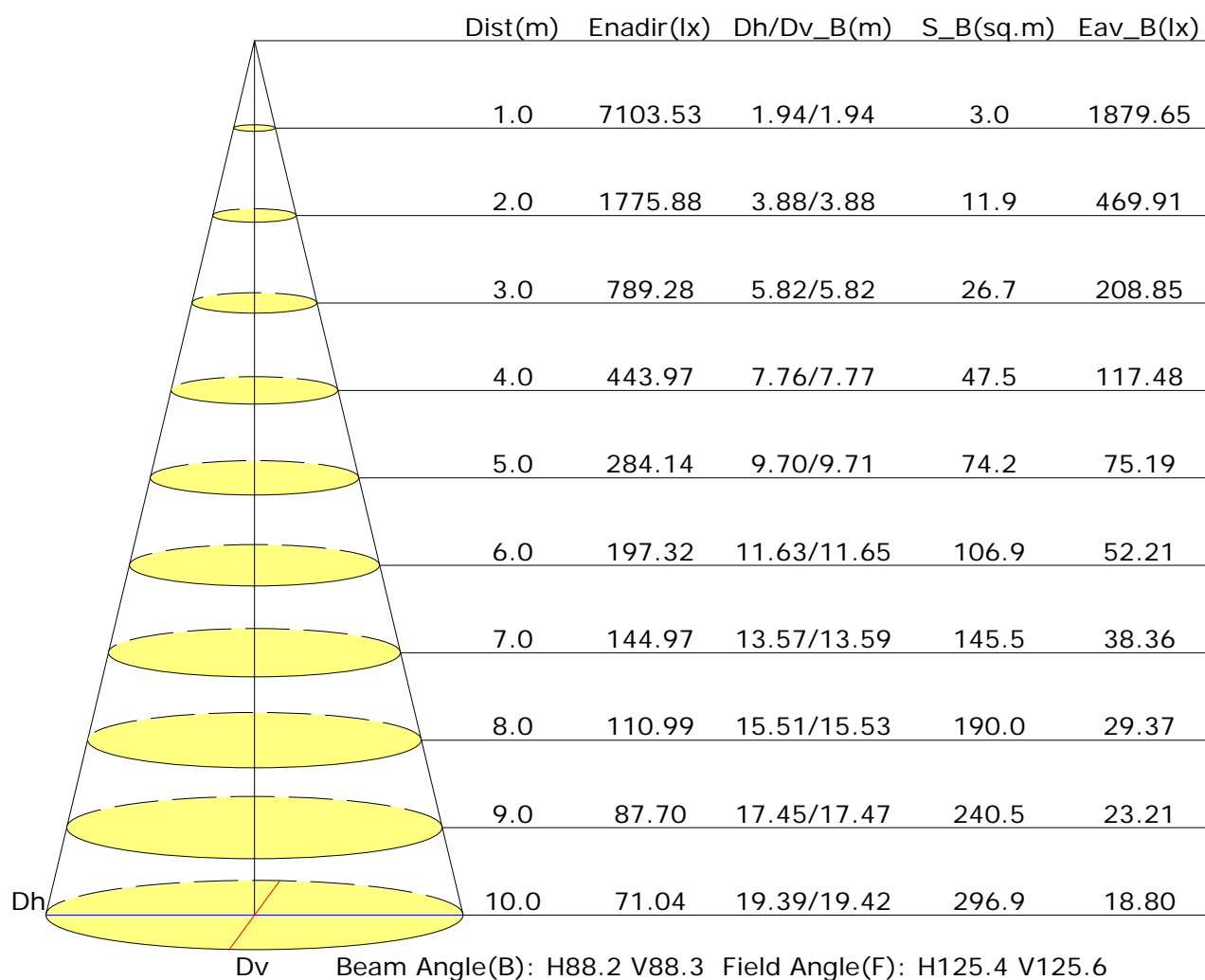
Mounting Height: 10.0m Max Lux(100%): 71.0 lx

— (1%): 0.7 lx	— (2%): 1.4 lx
— (5%): 3.6 lx	— (10%): 7.1 lx
— (20%): 14.2 lx	— (50%): 35.5 lx
— (100%): 71.0 lx	

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

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

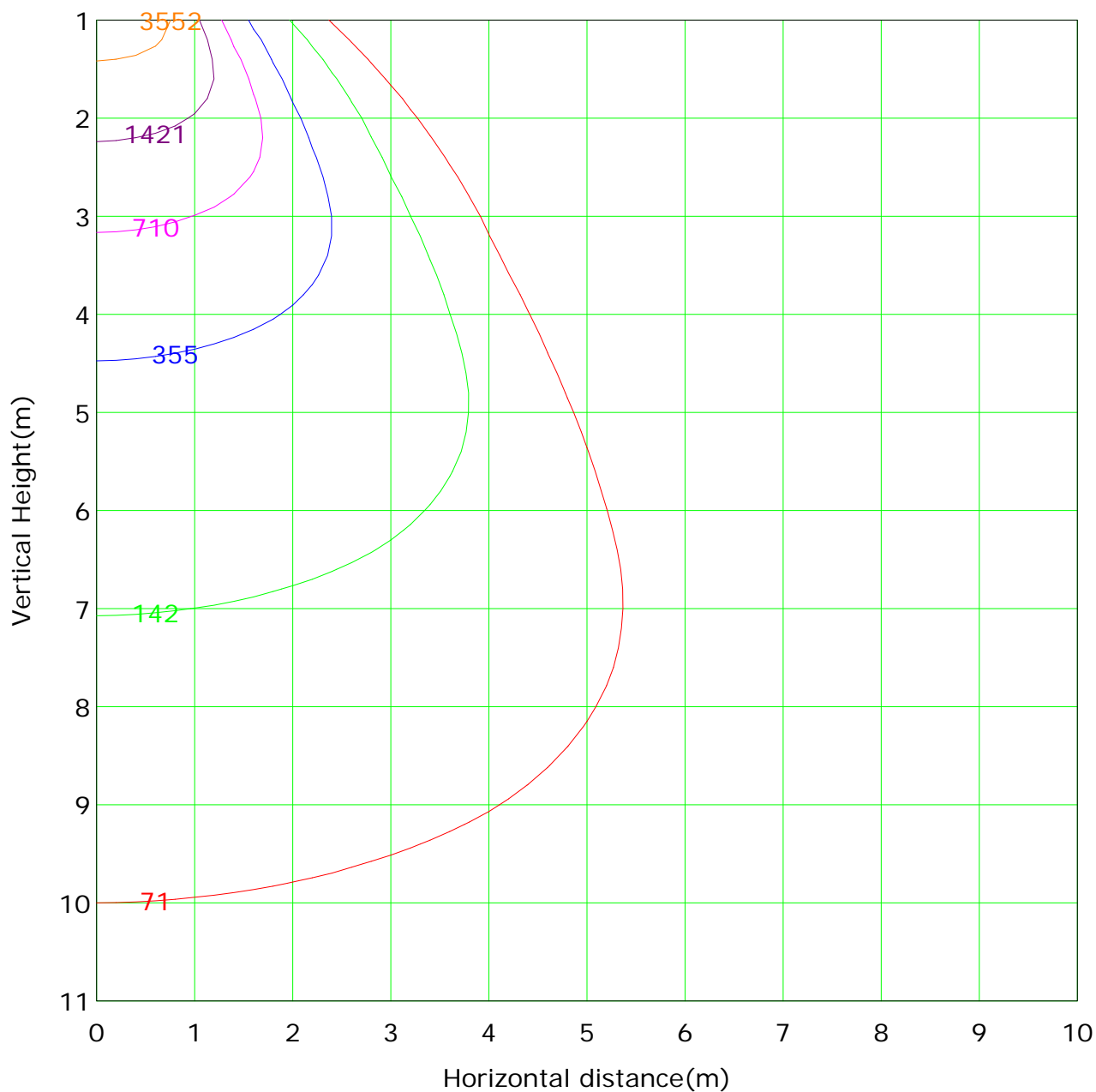
Illuminance at a Distance



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

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

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 7103.5 lx

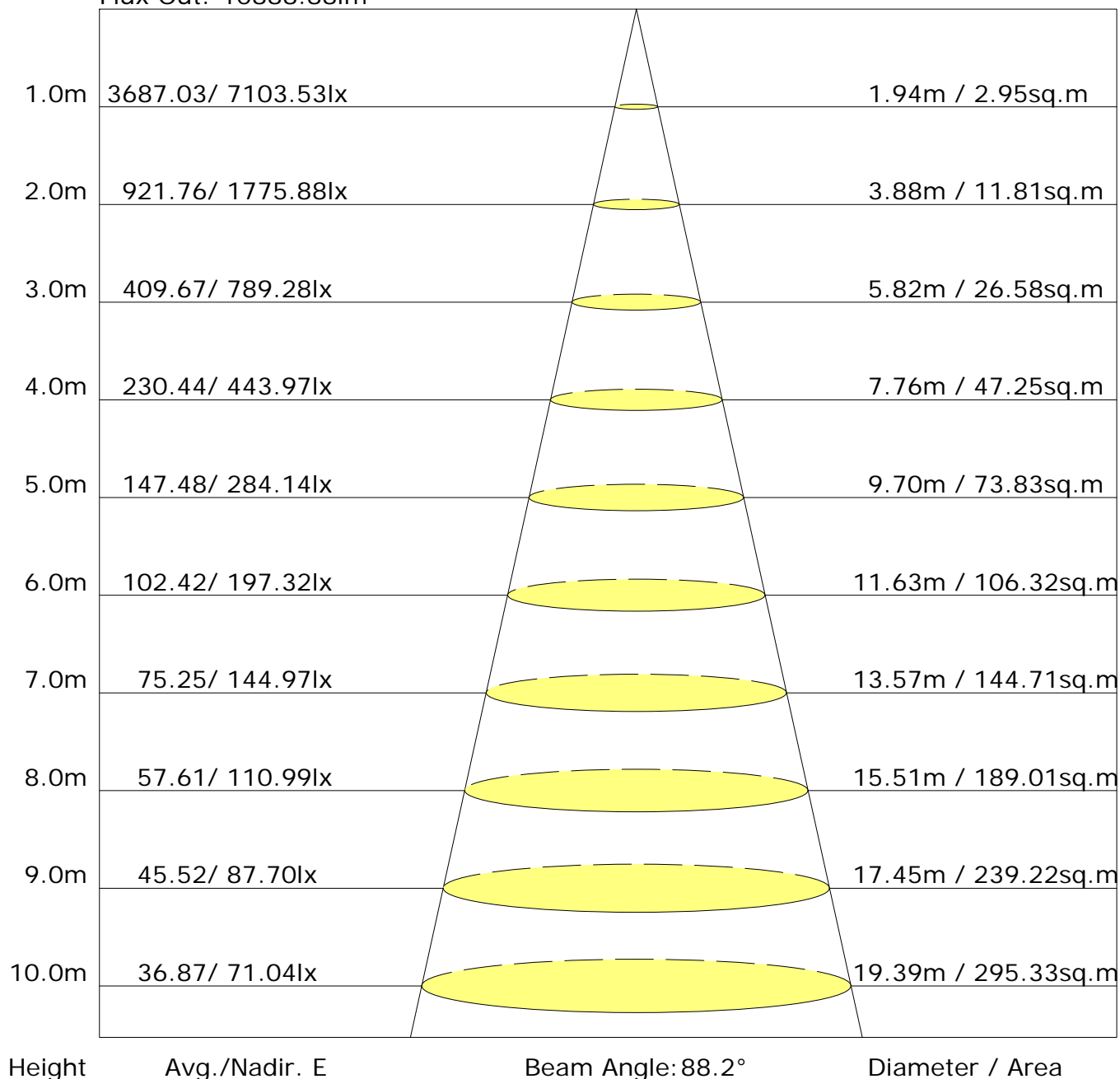
— (1%): 71.0 lx	— (2%): 142.1 lx
— (5%): 355.2 lx	— (10%): 710.4 lx
— (20%): 1420.7 lx	— (50%): 3551.8 lx
— (100%): 7103.5 lx	

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

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

The Average Illuminance Effective Figure

Flux Out: 10888.88lm



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

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

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	7103.9	6.8	6.8	0.05	0.05
1.0-2.0	7104.0	20.4	27.2	0.14	0.19
2.0-3.0	7103.4	34.0	61.2	0.24	0.42
3.0-4.0	7102.4	47.5	108.7	0.33	0.76
4.0-5.0	7100.7	61.1	169.8	0.42	1.18
5.0-6.0	7098.9	74.6	244.4	0.52	1.70
6.0-7.0	7097.5	88.1	332.5	0.61	2.31
7.0-8.0	7095.7	101.6	434.1	0.71	3.02
8.0-9.0	7094.2	115.0	549.1	0.80	3.81
9.0-10.0	7093.0	128.4	677.5	0.89	4.71
10.0-11.0	7091.2	141.7	819.2	0.98	5.69
11.0-12.0	7088.9	155.0	974.2	1.08	6.77
12.0-13.0	7086.4	168.2	1142.4	1.17	7.93
13.0-14.0	7083.6	181.3	1323.7	1.26	9.19
14.0-15.0	7080.2	194.4	1518.1	1.35	10.54
15.0-16.0	7076.2	207.4	1725.5	1.44	11.98
16.0-17.0	7071.3	220.2	1945.7	1.53	13.51
17.0-18.0	7065.3	233.0	2178.7	1.62	15.13
18.0-19.0	7057.1	245.6	2424.2	1.71	16.84
19.0-20.0	7046.1	257.9	2682.2	1.79	18.63
20.0-21.0	7031.8	270.1	2952.2	1.88	20.51
21.0-22.0	7015.1	281.9	3234.2	1.96	22.46
22.0-23.0	6995.2	293.6	3527.7	2.04	24.50
23.0-24.0	6969.5	304.8	3832.5	2.12	26.62
24.0-25.0	6938.4	315.5	4148.0	2.19	28.81
25.0-26.0	6901.1	325.8	4473.8	2.26	31.07
26.0-27.0	6857.2	335.5	4809.3	2.33	33.40
27.0-28.0	6806.6	344.7	5154.0	2.39	35.80
28.0-29.0	6746.9	353.0	5507.0	2.45	38.25
29.0-30.0	6678.7	360.6	5867.7	2.50	40.76
30.0-31.0	6600.9	367.4	6235.1	2.55	43.31
31.0-32.0	6511.1	373.1	6608.1	2.59	45.90
32.0-33.0	6407.1	377.5	6985.6	2.62	48.52
33.0-34.0	6287.5	380.6	7366.2	2.64	51.16
34.0-35.0	6152.1	382.1	7748.3	2.65	53.82
35.0-36.0	5995.9	381.8	8130.1	2.65	56.47

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

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

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	5817.1	379.4	8509.6	2.64	59.11
37.0-38.0	5612.2	374.7	8884.2	2.60	61.71
38.0-39.0	5371.7	366.7	9250.9	2.55	64.25
39.0-40.0	5092.1	355.2	9606.1	2.47	66.72
40.0-41.0	4776.5	340.2	9946.3	2.36	69.08
41.0-42.0	4437.6	322.5	10268.7	2.24	71.32
42.0-43.0	4100.7	303.8	10572.5	2.11	73.43
43.0-44.0	3774.2	284.9	10857.4	1.98	75.41
44.0-45.0	3459.3	265.9	11123.3	1.85	77.26
45.0-46.0	3165.0	247.6	11370.9	1.72	78.98
46.0-47.0	2895.1	230.3	11601.2	1.60	80.58
47.0-48.0	2650.5	214.3	11815.5	1.49	82.07
48.0-49.0	2430.4	199.6	12015.1	1.39	83.45
49.0-50.0	2233.9	186.3	12201.4	1.29	84.75
50.0-51.0	2055.9	174.0	12375.3	1.21	85.96
51.0-52.0	1892.9	162.4	12537.8	1.13	87.08
52.0-53.0	1744.2	151.7	12689.5	1.05	88.14
53.0-54.0	1606.9	141.6	12831.2	0.98	89.12
54.0-55.0	1478.8	132.0	12963.2	0.92	90.04
55.0-56.0	1360.7	123.0	13086.2	0.85	90.89
56.0-57.0	1252.8	114.6	13200.7	0.80	91.69
57.0-58.0	1151.5	106.5	13307.2	0.74	92.43
58.0-59.0	1056.8	98.8	13406.0	0.69	93.12
59.0-60.0	968.1	91.5	13497.5	0.64	93.75
60.0-61.0	885.2	84.5	13582.0	0.59	94.34
61.0-62.0	808.8	77.9	13659.9	0.54	94.88
62.0-63.0	738.7	71.9	13731.8	0.50	95.38
63.0-64.0	673.1	66.1	13797.8	0.46	95.84
64.0-65.0	611.7	60.5	13858.4	0.42	96.26
65.0-66.0	556.6	55.5	13913.9	0.39	96.64
66.0-67.0	506.1	50.9	13964.8	0.35	97.00
67.0-68.0	457.5	46.3	14011.2	0.32	97.32
68.0-69.0	412.1	42.1	14053.2	0.29	97.61
69.0-70.0	372.9	38.3	14091.5	0.27	97.88
70.0-71.0	337.1	34.8	14126.4	0.24	98.12
71.0-72.0	303.4	31.6	14157.9	0.22	98.34

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

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

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	273.0	28.6	14186.5	0.20	98.54
73.0-74.0	245.7	25.8	14212.3	0.18	98.72
74.0-75.0	219.8	23.2	14235.6	0.16	98.88
75.0-76.0	194.3	20.6	14256.2	0.14	99.02
76.0-77.0	170.9	18.2	14274.4	0.13	99.15
77.0-78.0	149.1	16.0	14290.4	0.11	99.26
78.0-79.0	128.0	13.8	14304.1	0.10	99.35
79.0-80.0	106.8	11.5	14315.6	0.08	99.43
80.0-81.0	86.1	9.3	14325.0	0.06	99.50
81.0-82.0	66.6	7.2	14332.2	0.05	99.55
82.0-83.0	50.2	5.5	14337.6	0.04	99.59
83.0-84.0	38.2	4.2	14341.8	0.03	99.61
84.0-85.0	28.3	3.1	14344.9	0.02	99.64
85.0-86.0	19.2	2.1	14347.0	0.01	99.65
86.0-87.0	11.6	1.3	14348.3	0.01	99.66
87.0-88.0	6.2	0.7	14348.9	0.00	99.66
88.0-89.0	3.5	0.4	14349.3	0.00	99.67
89.0-90.0	3.3	0.4	14349.7	0.00	99.67
90.0-91.0	2.2	0.2	14349.9	0.00	99.67
91.0-92.0	2.1	0.2	14350.2	0.00	99.67
92.0-93.0	3.2	0.4	14350.5	0.00	99.68
93.0-94.0	2.8	0.3	14350.8	0.00	99.68
94.0-95.0	3.0	0.3	14351.1	0.00	99.68
95.0-96.0	3.3	0.4	14351.5	0.00	99.68
96.0-97.0	2.6	0.3	14351.8	0.00	99.68
97.0-98.0	2.1	0.2	14352.0	0.00	99.69
98.0-99.0	2.2	0.2	14352.3	0.00	99.69
99.0-100.0	1.7	0.2	14352.4	0.00	99.69
100.0-101.0	1.6	0.2	14352.6	0.00	99.69
101.0-102.0	1.9	0.2	14352.8	0.00	99.69
102.0-103.0	2.0	0.2	14353.0	0.00	99.69
103.0-104.0	2.3	0.2	14353.3	0.00	99.69
104.0-105.0	1.5	0.2	14353.4	0.00	99.70
105.0-106.0	1.5	0.2	14353.6	0.00	99.70
106.0-107.0	2.5	0.3	14353.9	0.00	99.70
107.0-108.0	2.6	0.3	14354.1	0.00	99.70

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

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

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	2.8	0.3	14354.4	0.00	99.70
109.0-110.0	2.8	0.3	14354.7	0.00	99.70
110.0-111.0	2.9	0.3	14355.0	0.00	99.71
111.0-112.0	3.3	0.3	14355.3	0.00	99.71
112.0-113.0	2.9	0.3	14355.6	0.00	99.71
113.0-114.0	2.8	0.3	14355.9	0.00	99.71
114.0-115.0	3.1	0.3	14356.2	0.00	99.72
115.0-116.0	3.5	0.3	14356.6	0.00	99.72
116.0-117.0	2.9	0.3	14356.9	0.00	99.72
117.0-118.0	2.6	0.3	14357.1	0.00	99.72
118.0-119.0	4.2	0.4	14357.5	0.00	99.72
119.0-120.0	4.7	0.4	14358.0	0.00	99.73
120.0-121.0	4.5	0.4	14358.4	0.00	99.73
121.0-122.0	5.4	0.5	14358.9	0.00	99.73
122.0-123.0	4.9	0.4	14359.3	0.00	99.74
123.0-124.0	4.2	0.4	14359.7	0.00	99.74
124.0-125.0	5.8	0.5	14360.2	0.00	99.74
125.0-126.0	6.1	0.5	14360.8	0.00	99.75
126.0-127.0	5.7	0.5	14361.3	0.00	99.75
127.0-128.0	6.0	0.5	14361.8	0.00	99.75
128.0-129.0	6.3	0.5	14362.4	0.00	99.76
129.0-130.0	7.5	0.6	14363.0	0.00	99.76
130.0-131.0	7.7	0.6	14363.6	0.00	99.77
131.0-132.0	8.8	0.7	14364.4	0.00	99.77
132.0-133.0	9.5	0.8	14365.1	0.01	99.78
133.0-134.0	9.5	0.8	14365.9	0.01	99.78
134.0-135.0	9.8	0.8	14366.6	0.01	99.79
135.0-136.0	10.0	0.8	14367.4	0.01	99.79
136.0-137.0	11.0	0.8	14368.2	0.01	99.80
137.0-138.0	11.6	0.9	14369.1	0.01	99.80
138.0-139.0	12.2	0.9	14370.0	0.01	99.81
139.0-140.0	12.9	0.9	14370.9	0.01	99.82
140.0-141.0	13.1	0.9	14371.8	0.01	99.82
141.0-142.0	13.6	0.9	14372.7	0.01	99.83
142.0-143.0	13.6	0.9	14373.7	0.01	99.84
143.0-144.0	13.6	0.9	14374.5	0.01	99.84

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

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

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	15.2	1.0	14375.5	0.01	99.85
145.0-146.0	15.8	1.0	14376.5	0.01	99.86
146.0-147.0	15.7	1.0	14377.4	0.01	99.86
147.0-148.0	15.9	0.9	14378.4	0.01	99.87
148.0-149.0	15.7	0.9	14379.3	0.01	99.88
149.0-150.0	16.5	0.9	14380.2	0.01	99.88
150.0-151.0	17.9	1.0	14381.2	0.01	99.89
151.0-152.0	18.5	1.0	14382.1	0.01	99.90
152.0-153.0	18.6	0.9	14383.1	0.01	99.90
153.0-154.0	18.9	0.9	14384.0	0.01	99.91
154.0-155.0	19.6	0.9	14384.9	0.01	99.91
155.0-156.0	19.5	0.9	14385.8	0.01	99.92
156.0-157.0	19.9	0.9	14386.7	0.01	99.93
157.0-158.0	20.4	0.9	14387.5	0.01	99.93
158.0-159.0	20.4	0.8	14388.4	0.01	99.94
159.0-160.0	20.8	0.8	14389.2	0.01	99.94
160.0-161.0	20.9	0.8	14389.9	0.01	99.95
161.0-162.0	20.6	0.7	14390.6	0.00	99.95
162.0-163.0	20.0	0.7	14391.3	0.00	99.96
163.0-164.0	20.4	0.6	14391.9	0.00	99.96
164.0-165.0	21.2	0.6	14392.6	0.00	99.97
165.0-166.0	21.9	0.6	14393.2	0.00	99.97
166.0-167.0	21.7	0.6	14393.7	0.00	99.98
167.0-168.0	21.6	0.5	14394.2	0.00	99.98
168.0-169.0	21.9	0.5	14394.7	0.00	99.98
169.0-170.0	21.4	0.4	14395.1	0.00	99.99
170.0-171.0	21.9	0.4	14395.5	0.00	99.99
171.0-172.0	22.3	0.4	14395.9	0.00	99.99
172.0-173.0	22.2	0.3	14396.2	0.00	99.99
173.0-174.0	22.4	0.3	14396.5	0.00	99.99
174.0-175.0	21.9	0.2	14396.7	0.00	100.00
175.0-176.0	21.5	0.2	14396.9	0.00	100.00
176.0-177.0	21.8	0.1	14397.1	0.00	100.00
177.0-178.0	21.0	0.1	14397.2	0.00	100.00
178.0-179.0	20.5	0.1	14397.2	0.00	100.00
179.0-180.0	21.0	0.0	14397.2	0.00	100.00

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

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

Zonal Lumen (Continue 5)

cone flux(90°): 11123.33 lm

%lum = 77.3%

%lamp = 77.3%

cone flux(120°): 13497.50 lm

%lum = 93.8%

%lamp = 93.8%

Candlepower Table

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	7103.5	7103.5	7103.5	7103.5	7103.5	7103.5	7103.5	7103.5	7103.5	7103.5
G1.0	7104.5	7106.1	7105.7	7101.2	7102.0	7105.7	7103.7	7103.5	7107.1	7106.1
G2.0	7101.3	7107.9	7105.1	7103.4	7097.8	7102.0	7104.0	7104.4	7106.1	7107.1
G3.0	7099.8	7106.2	7103.4	7097.8	7101.0	7100.6	7101.2	7102.9	7104.5	7104.7
G4.0	7099.3	7102.5	7101.0	7097.8	7097.9	7100.5	7104.2	7102.3	7102.9	7106.2
G5.0	7094.8	7101.2	7096.4	7094.9	7096.9	7101.5	7098.1	7100.3	7100.5	7098.6
G6.0	7092.2	7098.6	7092.2	7094.9	7095.9	7096.6	7096.8	7098.3	7098.3	7102.0
G7.0	7095.3	7094.1	7094.7	7089.5	7095.9	7093.4	7092.2	7096.2	7092.9	7097.4
G8.0	7093.7	7095.8	7091.5	7091.4	7092.0	7090.3	7088.6	7090.9	7093.6	7095.1
G9.0	7093.7	7096.4	7088.7	7090.2	7088.8	7084.5	7085.9	7086.9	7094.3	7094.4
G10.0	7094.4	7094.4	7090.4	7087.8	7088.5	7081.0	7084.7	7086.7	7091.4	7090.0
G11.0	7093.1	7092.0	7091.4	7084.6	7085.4	7075.7	7079.5	7080.9	7090.9	7088.2
G12.0	7088.0	7091.0	7090.4	7083.6	7081.0	7075.4	7074.5	7074.3	7086.0	7084.3
G13.0	7088.9	7087.1	7087.5	7080.6	7073.5	7071.2	7071.5	7070.2	7083.6	7082.6
G14.0	7086.3	7089.0	7083.6	7074.6	7070.7	7063.0	7065.4	7065.3	7080.1	7080.9
G15.0	7077.2	7086.1	7079.9	7071.3	7067.8	7058.4	7056.7	7059.5	7077.6	7080.2
G16.0	7071.2	7080.2	7075.0	7067.5	7060.7	7052.3	7051.3	7053.2	7070.0	7075.5
G17.0	7071.2	7075.8	7070.3	7061.5	7055.6	7045.6	7043.7	7044.9	7062.2	7063.0
G18.0	7064.8	7068.2	7066.5	7056.4	7047.1	7038.1	7034.0	7034.5	7052.6	7058.8
G19.0	7055.3	7061.6	7058.6	7046.1	7038.5	7026.1	7018.1	7023.1	7038.3	7047.3
G20.0	7044.7	7049.1	7047.1	7034.1	7026.8	7016.2	7003.5	7010.0	7025.2	7034.9
G21.0	7031.6	7038.8	7031.2	7019.0	7010.5	6999.5	6988.9	6992.0	7005.6	7014.7
G22.0	7015.4	7023.1	7017.4	7005.0	6998.3	6981.8	6968.9	6974.7	6986.7	6996.7
G23.0	6998.9	7002.8	7000.7	6983.4	6976.3	6956.7	6942.9	6949.2	6970.0	6972.4
G24.0	6972.1	6978.0	6977.7	6955.9	6946.5	6931.7	6916.0	6918.9	6938.2	6945.9
G25.0	6936.2	6946.9	6948.8	6922.9	6916.9	6897.6	6883.9	6886.1	6906.8	6908.2
G26.0	6894.5	6908.9	6902.5	6888.1	6879.2	6859.8	6845.2	6848.7	6866.1	6868.7
G27.0	6846.3	6861.2	6855.2	6841.8	6836.9	6817.6	6800.8	6810.8	6826.1	6816.0
G28.0	6786.5	6806.8	6805.1	6793.6	6787.2	6767.8	6754.7	6760.4	6773.7	6764.1
G29.0	6714.9	6746.7	6740.2	6730.6	6721.7	6708.6	6703.5	6711.7	6706.6	6700.9
G30.0	6640.2	6665.9	6674.2	6666.7	6657.8	6647.4	6640.9	6653.2	6644.4	6621.2
G31.0	6549.5	6582.5	6585.3	6586.3	6582.8	6573.9	6564.4	6578.9	6569.4	6542.8
G32.0	6445.4	6486.0	6489.7	6495.9	6494.2	6485.2	6482.3	6497.3	6485.8	6453.2
G33.0	6319.7	6363.0	6376.9	6382.9	6387.5	6378.0	6385.5	6401.5	6388.4	6346.6
G34.0	6194.3	6222.7	6256.0	6254.1	6261.8	6258.1	6270.0	6289.0	6278.7	6226.6
G35.0	6039.7	6066.8	6110.4	6110.2	6121.0	6119.8	6144.3	6167.4	6133.8	6091.1
G36.0	5845.6	5888.2	5946.7	5934.2	5960.1	5961.7	5983.7	6031.4	5980.7	5919.5

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	5638.9	5679.5	5761.3	5754.3	5776.4	5780.0	5822.2	5870.1	5801.2	5745.1
G38.0	5406.5	5450.6	5519.1	5542.9	5571.6	5579.0	5625.8	5664.0	5597.5	5543.7
G39.0	5132.0	5186.4	5252.9	5261.6	5321.4	5341.9	5390.1	5437.7	5336.6	5308.0
G40.0	4798.3	4871.2	4965.9	4960.3	5000.1	5037.7	5134.9	5175.6	5067.6	4986.0
G41.0	4468.6	4532.0	4605.1	4606.0	4675.3	4724.8	4803.6	4885.0	4733.7	4652.3
G42.0	4124.1	4167.2	4279.3	4257.9	4342.8	4368.7	4433.6	4520.2	4377.4	4324.2
G43.0	3822.9	3835.4	3918.2	3941.9	3983.3	4041.1	4122.4	4184.2	4037.0	4011.2
G44.0	3515.2	3557.9	3578.5	3627.1	3652.3	3710.6	3814.7	3802.7	3668.7	3660.7
G45.0	3220.9	3243.8	3251.7	3314.2	3359.7	3404.3	3503.9	3470.5	3343.5	3352.6
G46.0	2951.4	2953.4	2986.7	3014.8	3045.2	3113.8	3211.8	3177.4	3041.8	3070.0
G47.0	2700.8	2705.4	2731.7	2771.0	2798.2	2847.2	2929.3	2877.3	2766.0	2808.4
G48.0	2486.3	2475.1	2498.7	2535.6	2550.3	2619.4	2666.4	2624.2	2527.4	2572.2
G49.0	2267.5	2279.9	2308.9	2334.3	2349.3	2399.1	2441.2	2396.2	2297.8	2334.0
G50.0	2079.8	2094.4	2126.1	2142.0	2163.6	2216.7	2230.5	2214.8	2122.7	2138.8
G51.0	1919.5	1932.0	1950.5	1965.0	1991.3	2047.7	2028.0	2040.8	1962.8	1964.5
G52.0	1789.7	1785.9	1780.7	1801.6	1827.8	1893.7	1836.9	1887.2	1823.6	1814.8
G53.0	1661.6	1654.9	1636.8	1677.5	1693.7	1753.7	1668.5	1722.9	1687.4	1679.3
G54.0	1534.9	1533.1	1491.6	1541.2	1567.1	1611.5	1535.9	1588.3	1551.1	1543.1
G55.0	1414.7	1414.7	1358.1	1413.4	1450.8	1477.1	1411.2	1466.5	1431.2	1423.8
G56.0	1294.2	1301.0	1248.4	1312.1	1335.4	1360.1	1299.3	1345.8	1323.2	1317.9
G57.0	1193.8	1197.4	1144.1	1223.0	1232.1	1255.4	1209.2	1221.9	1213.6	1219.2
G58.0	1091.3	1106.5	1044.8	1117.7	1126.2	1140.3	1112.4	1114.8	1111.8	1130.8
G59.0	1006.0	1005.5	963.1	1031.6	1026.7	1042.0	1035.4	1024.0	1008.7	1033.9
G60.0	907.2	925.7	882.3	945.7	937.6	949.0	950.1	928.8	914.7	946.0
G61.0	831.4	839.9	809.4	869.5	861.1	872.2	869.5	851.6	838.5	866.2
G62.0	754.5	766.7	742.2	792.6	786.0	794.4	799.3	777.3	756.2	788.2
G63.0	690.0	703.5	674.3	731.3	711.0	723.0	737.6	710.0	693.0	722.3
G64.0	625.8	640.4	618.7	659.5	645.1	652.5	667.5	643.7	627.5	657.2
G65.0	569.5	578.3	563.6	600.9	584.1	592.2	608.5	581.6	575.2	601.0
G66.0	520.6	531.4	513.8	547.8	536.5	537.3	553.4	523.3	518.6	550.0
G67.0	472.9	480.5	467.5	501.3	484.2	488.8	508.6	477.2	473.6	500.8
G68.0	423.5	428.0	422.9	456.2	437.6	437.6	454.7	426.6	424.7	449.4
G69.0	382.6	394.7	384.4	401.5	393.2	395.2	404.5	390.4	384.4	409.7
G70.0	346.5	351.3	346.1	367.5	356.8	354.7	367.2	354.7	351.1	370.5
G71.0	310.4	317.0	307.4	333.5	320.9	318.8	331.2	319.3	313.1	334.2
G72.0	283.3	284.0	281.9	296.7	290.0	292.9	294.2	283.8	278.8	297.4
G73.0	251.3	255.6	255.9	267.0	262.4	263.2	265.4	257.7	255.3	268.6

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	225.5	226.9	231.1	241.5	234.5	238.5	240.0	230.9	228.4	240.4
G75.0	198.9	204.3	202.7	215.1	209.7	211.7	215.4	206.9	202.1	212.7
G76.0	168.7	177.7	182.2	188.9	187.7	185.3	187.6	184.8	178.7	187.5
G77.0	152.2	156.1	161.5	164.8	166.7	164.1	166.9	161.3	153.2	161.0
G78.0	134.7	131.3	136.0	145.0	149.1	143.2	140.8	139.6	135.0	141.6
G79.0	110.1	108.1	113.7	127.2	124.0	124.1	122.4	122.8	118.3	119.1
G80.0	86.0	91.1	93.7	96.6	103.7	100.8	96.8	103.4	93.2	96.1
G81.0	69.8	68.8	69.8	78.1	82.5	82.9	83.8	78.2	77.7	72.5
G82.0	42.5	54.4	56.1	56.4	56.1	65.3	64.6	64.1	55.3	56.6
G83.0	42.8	43.6	44.4	35.0	47.8	51.7	43.1	44.4	42.8	37.0
G84.0	30.0	28.9	31.7	37.0	34.9	40.5	35.1	30.8	34.9	28.0
G85.0	20.9	18.4	21.5	26.9	24.1	32.4	29.0	25.2	19.4	18.8
G86.0	10.5	12.0	13.0	21.6	17.6	17.1	16.8	17.0	12.5	10.1
G87.0	0.0	7.4	10.5	12.2	11.0	12.2	9.7	10.9	0.0	0.0
G88.0	0.0	0.0	9.5	10.1	8.8	7.1	9.0	0.0	0.0	0.0
G89.0	0.0	0.0	8.3	7.1	0.0	0.0	0.0	9.5	0.0	0.0
G90.0	0.0	0.0	0.0	7.9	0.0	9.2	8.6	7.5	0.0	0.0
G91.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	8.6	7.3	0.0	7.5	6.8	0.0	0.0	0.0
G93.0	0.0	7.6	0.0	0.0	6.8	0.0	7.8	6.8	0.0	0.0
G94.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	6.8	0.0	11.2	8.1	6.9	0.0	0.0	0.0	0.0
G96.0	0.0	7.3	0.0	0.0	8.6	0.0	6.8	8.2	0.0	0.0
G97.0	0.0	0.0	0.0	6.9	7.6	0.0	8.8	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	8.1	10.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	7.1	7.5	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	8.8	7.5	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	7.3	0.0	0.0	7.5	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	7.8	9.8	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	8.6	0.0	0.0	6.9	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	7.8	0.0	0.0	7.6	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	7.3	9.0	0.0	7.6	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	9.6	9.7	7.5	7.1	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	9.0	0.0	0.0
G109.0	0.0	0.0	7.4	9.3	0.0	9.5	7.6	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	7.8	0.0	0.0	8.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	0.0	0.0	6.9	7.8	6.8	0.0	8.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	7.3	6.8	0.0	10.3	0.0	0.0	0.0
G113.0	0.0	0.0	6.9	10.8	9.3	0.0	7.8	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	9.6	0.0	0.0	9.3	0.0	0.0	0.0
G115.0	0.0	6.8	0.0	12.5	0.0	11.5	9.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	8.5	7.8	9.2	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	12.7	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	9.2	8.5	7.3	0.0	0.0
G119.0	0.0	0.0	8.8	8.1	0.0	8.0	7.1	7.5	0.0	0.0
G120.0	0.0	0.0	10.5	6.9	7.3	7.5	9.5	0.0	0.0	0.0
G121.0	0.0	0.0	7.8	8.4	8.6	9.3	7.3	0.0	0.0	0.0
G122.0	0.0	0.0	8.3	11.3	9.8	0.0	9.8	8.5	0.0	0.0
G123.0	0.0	0.0	0.0	9.8	6.8	7.8	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	9.0	10.1	0.0	10.0	0.0	7.0	0.0	0.0
G125.0	0.0	0.0	9.1	9.0	8.8	8.1	8.5	8.0	7.6	0.0
G126.0	0.0	7.6	0.0	11.8	8.1	7.1	8.0	0.0	0.0	0.0
G127.0	0.0	0.0	11.0	12.0	11.2	9.7	7.1	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	12.5	13.2	11.2	11.0	7.7	0.0	0.0
G129.0	0.0	0.0	9.3	9.8	0.0	6.8	11.5	9.4	9.4	0.0
G130.0	0.0	7.9	12.8	12.2	9.2	11.7	11.7	9.0	0.0	0.0
G131.0	0.0	8.4	0.0	9.3	10.7	12.4	10.2	0.0	9.6	0.0
G132.0	0.0	7.4	7.4	12.2	12.4	13.4	11.2	9.2	10.3	6.9
G133.0	0.0	11.0	10.0	13.2	11.7	11.5	10.0	8.8	0.0	0.0
G134.0	0.0	10.0	12.8	12.5	10.7	11.0	12.0	8.7	8.4	0.0
G135.0	0.0	9.3	10.5	11.8	10.2	12.9	12.2	12.6	8.9	0.0
G136.0	0.0	10.8	10.1	14.7	10.5	14.4	13.4	8.8	9.1	0.0
G137.0	7.2	10.1	12.8	14.9	12.2	13.1	13.2	10.7	8.9	0.0
G138.0	0.0	10.1	13.0	14.0	11.5	14.4	13.4	12.6	10.3	10.1
G139.0	10.6	11.7	14.9	15.0	14.4	15.9	10.7	12.1	8.8	9.1
G140.0	9.8	9.8	15.7	11.3	14.9	18.0	11.4	13.8	9.4	7.1
G141.0	8.1	11.7	7.9	17.2	12.9	15.8	15.6	11.4	13.8	7.9
G142.0	8.8	10.6	12.7	17.9	8.6	16.1	15.8	13.3	15.8	9.6
G143.0	10.5	15.2	11.3	17.2	11.5	15.3	15.3	14.6	13.3	0.0
G144.0	12.8	11.2	15.7	16.6	16.1	18.6	18.0	12.4	10.5	11.0
G145.0	11.6	13.0	16.2	19.6	12.5	21.9	19.3	15.5	14.3	12.2
G146.0	8.9	13.7	16.9	19.3	15.6	20.2	16.8	13.9	12.6	7.6
G147.0	10.6	16.2	17.2	21.6	17.4	18.6	18.0	16.2	16.2	11.2

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	12.3	12.3	16.4	13.2	15.9	14.1	19.2	17.3	13.0	11.2
G149.0	9.9	15.4	20.4	18.6	15.2	17.6	15.9	13.9	15.3	11.2
G150.0	13.1	18.9	19.1	21.0	21.5	18.5	20.5	15.6	14.3	14.5
G151.0	14.0	18.1	20.3	22.6	18.3	20.3	18.8	19.2	15.8	13.2
G152.0	12.1	19.3	19.4	25.9	16.9	23.2	18.0	19.7	16.7	11.3
G153.0	14.7	16.4	22.3	23.8	18.0	17.6	18.0	18.5	17.4	14.5
G154.0	13.0	19.3	17.7	23.5	19.1	18.6	23.2	20.2	14.7	14.5
G155.0	19.5	18.2	20.4	22.6	16.8	20.3	23.2	18.4	15.8	12.5
G156.0	14.5	16.6	18.2	21.8	23.0	22.4	15.4	20.6	18.0	13.7
G157.0	11.1	20.1	21.6	23.7	24.4	19.8	20.5	18.7	19.0	12.7
G158.0	14.8	19.8	22.8	22.6	19.0	22.5	20.9	16.7	15.3	16.6
G159.0	14.0	20.9	21.5	23.5	23.9	23.7	19.8	19.9	17.2	17.4
G160.0	15.2	22.0	19.6	22.8	23.4	21.5	22.0	20.9	19.2	15.5
G161.0	18.2	18.2	25.0	24.5	22.9	16.8	25.3	20.9	19.5	14.0
G162.0	15.0	20.6	25.2	18.8	15.8	24.7	21.7	19.0	15.8	15.2
G163.0	18.2	11.3	20.6	24.5	24.7	17.6	19.2	19.7	16.3	16.6
G164.0	19.0	19.6	23.0	22.8	24.7	20.8	20.4	18.9	18.2	15.9
G165.0	15.2	20.3	24.3	22.0	23.0	24.1	22.0	18.2	16.7	20.1
G166.0	18.0	20.8	20.9	25.5	21.3	21.4	21.2	19.9	19.5	15.7
G167.0	14.3	15.5	22.3	25.5	27.1	24.1	23.9	22.8	19.9	19.3
G168.0	15.8	24.2	22.3	23.7	20.0	25.6	24.4	22.8	19.5	20.3
G169.0	15.7	23.3	23.6	22.6	23.0	23.2	20.0	21.6	17.7	16.9
G170.0	21.2	23.5	26.5	11.3	24.2	18.5	22.0	23.6	16.2	14.9
G171.0	12.1	19.3	24.7	20.6	23.9	26.3	23.6	21.3	19.4	17.4
G172.0	22.6	22.6	9.3	23.8	19.3	24.1	22.2	26.4	18.9	18.2
G173.0	16.3	20.1	23.3	24.7	20.5	23.4	20.0	23.8	21.6	16.9
G174.0	21.2	23.5	20.1	22.5	24.2	24.9	21.2	22.1	22.9	14.2
G175.0	16.7	17.4	25.3	24.5	21.8	22.9	24.9	14.1	20.4	17.9
G176.0	18.9	18.2	22.0	23.5	24.2	23.4	22.7	19.2	23.6	14.9
G177.0	16.2	20.3	20.4	24.2	24.7	24.1	23.6	20.6	18.4	19.8
G178.0	15.0	20.4	20.1	15.0	19.1	21.5	19.3	19.2	17.2	17.2
G179.0	16.3	20.6	20.6	21.6	23.2	25.6	19.8	14.3	19.2	18.6
G180.0	14.7	20.3	24.5	21.8	17.3	23.4	23.6	20.9	19.4	14.7

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	7103.5	7103.5	7103.5	7103.5	7103.5	7103.5	7103.5			
G1.0	7103.2	7100.3	7102.8	7105.4	7105.1	7105.2	7104.5			
G2.0	7101.0	7102.0	7104.7	7104.2	7102.3	7107.4	7101.3			
G3.0	7101.0	7102.2	7105.9	7105.2	7104.4	7106.9	7099.8			
G4.0	7098.6	7099.3	7103.7	7103.4	7102.2	7108.5	7099.3			
G5.0	7093.9	7096.8	7103.9	7103.7	7101.8	7107.8	7094.8			
G6.0	7093.6	7093.6	7105.6	7102.8	7101.5	7111.2	7092.2			
G7.0	7092.6	7093.6	7101.8	7104.2	7105.6	7106.9	7095.3			
G8.0	7089.5	7089.5	7101.3	7104.7	7103.4	7105.6	7093.7			
G9.0	7089.8	7091.0	7099.3	7106.2	7103.2	7104.7	7093.7			
G10.0	7087.3	7090.9	7094.9	7105.7	7104.2	7104.4	7094.4			
G11.0	7085.0	7090.0	7095.2	7103.4	7105.1	7102.5	7093.1			
G12.0	7082.1	7087.6	7094.0	7102.5	7103.5	7102.5	7088.0			
G13.0	7080.9	7088.0	7093.5	7100.1	7101.0	7102.9	7088.9			
G14.0	7079.2	7085.6	7092.7	7096.9	7096.9	7100.6	7086.3			
G15.0	7076.3	7084.1	7092.0	7093.9	7094.7	7099.5	7077.2			
G16.0	7072.5	7082.2	7090.7	7093.4	7092.3	7095.5	7071.2			
G17.0	7068.1	7078.7	7087.1	7094.4	7086.7	7090.4	7071.2			
G18.0	7061.0	7071.1	7083.0	7090.5	7082.2	7083.0	7064.8			
G19.0	7048.6	7061.1	7077.3	7083.2	7077.6	7075.3	7055.3			
G20.0	7034.1	7047.6	7067.3	7069.3	7066.0	7064.3	7044.7			
G21.0	7016.0	7029.5	7046.6	7052.0	7051.3	7050.5	7031.6			
G22.0	6994.1	7013.3	7026.6	7033.2	7034.8	7035.0	7015.4			
G23.0	6971.8	6987.5	7002.4	7006.6	7007.4	7010.9	6998.9			
G24.0	6938.2	6955.3	6971.7	6975.2	6980.1	6983.7	6972.1			
G25.0	6900.5	6917.5	6936.0	6941.2	6943.3	6949.7	6936.2			
G26.0	6857.4	6873.6	6892.6	6901.0	6898.3	6907.5	6894.5			
G27.0	6809.6	6820.0	6840.3	6847.3	6847.6	6859.7	6846.3			
G28.0	6749.7	6759.7	6780.1	6793.4	6789.3	6800.6	6786.5			
G29.0	6681.1	6686.2	6703.4	6712.0	6726.2	6733.9	6714.9			
G30.0	6608.0	6609.0	6624.3	6631.8	6649.0	6656.1	6640.2			
G31.0	6521.3	6519.2	6531.1	6538.5	6557.8	6555.1	6549.5			
G32.0	6417.8	6407.0	6428.5	6434.7	6458.4	6453.6	6445.4			
G33.0	6306.6	6295.3	6313.8	6304.4	6331.4	6331.3	6319.7			
G34.0	6182.7	6166.4	6166.1	6170.2	6197.9	6191.7	6194.3			
G35.0	6042.5	6021.1	6016.8	6017.8	6046.3	6032.3	6039.7			
G36.0	5882.7	5857.9	5848.6	5851.0	5867.2	5828.1	5845.6			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	5681.0	5650.7	5659.9	5652.7	5666.4	5618.6	5638.9			
G38.0	5469.6	5433.3	5434.9	5413.2	5406.6	5372.6	5406.5			
G39.0	5218.9	5179.8	5142.0	5141.2	5121.0	5090.9	5132.0			
G40.0	4941.9	4893.9	4849.5	4834.1	4797.2	4770.6	4798.3			
G41.0	4630.8	4565.4	4517.3	4486.1	4441.6	4434.1	4468.6			
G42.0	4322.4	4196.1	4186.4	4154.5	4114.1	4073.0	4124.1			
G43.0	3980.9	3905.1	3878.3	3795.5	3775.2	3748.1	3822.9			
G44.0	3649.6	3616.8	3539.7	3473.0	3481.1	3445.2	3515.2			
G45.0	3344.8	3334.8	3240.8	3170.6	3205.4	3141.4	3220.9			
G46.0	3066.1	3037.1	2962.2	2902.1	2947.8	2896.7	2951.4			
G47.0	2792.8	2782.8	2704.0	2669.8	2701.8	2677.6	2700.8			
G48.0	2581.8	2550.6	2472.6	2452.3	2456.1	2484.2	2486.3			
G49.0	2389.3	2332.3	2243.7	2274.5	2261.7	2310.0	2267.5			
G50.0	2220.9	2125.1	2065.4	2110.1	2079.8	2132.8	2079.8			
G51.0	2029.2	1958.0	1906.3	1947.4	1907.3	1974.0	1919.5			
G52.0	1875.7	1809.0	1767.5	1801.3	1732.1	1820.2	1789.7			
G53.0	1715.4	1679.9	1629.0	1644.7	1586.6	1674.1	1661.6			
G54.0	1566.6	1557.6	1513.4	1507.7	1472.9	1537.6	1534.9			
G55.0	1410.5	1430.0	1402.3	1392.0	1364.6	1407.4	1414.7			
G56.0	1289.7	1320.3	1296.1	1280.0	1262.8	1287.2	1294.2			
G57.0	1182.3	1218.3	1181.6	1165.6	1175.3	1182.6	1193.8			
G58.0	1084.2	1120.4	1080.6	1071.0	1092.0	1087.2	1091.3			
G59.0	989.4	1030.0	994.4	985.7	1014.4	993.6	1006.0			
G60.0	913.1	944.2	909.0	903.7	937.2	901.4	907.2			
G61.0	828.8	857.2	825.2	825.1	861.0	822.5	831.4			
G62.0	759.0	784.0	750.3	755.9	791.0	755.0	754.5			
G63.0	693.7	720.0	680.5	687.4	728.8	679.9	690.0			
G64.0	631.0	655.3	616.8	622.5	667.5	622.4	625.8			
G65.0	578.3	591.9	566.5	562.2	603.8	565.0	569.5			
G66.0	525.8	542.7	515.7	515.8	546.1	510.0	520.6			
G67.0	476.6	494.4	462.6	460.7	496.4	460.9	472.9			
G68.0	433.6	449.5	418.9	414.6	443.3	410.8	423.5			
G69.0	390.5	402.5	375.6	372.2	400.2	375.2	382.6			
G70.0	355.4	361.3	344.7	344.2	362.8	340.4	346.5			
G71.0	323.8	332.7	310.3	307.5	330.0	302.3	310.4			
G72.0	291.9	295.5	278.5	281.2	290.9	275.8	283.3			
G73.0	263.3	263.9	250.9	251.2	264.7	243.8	251.3			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	240.0	236.7	230.4	227.3	230.8	220.7	225.5			
G75.0	210.5	214.4	202.3	199.3	208.4	195.3	198.9			
G76.0	186.0	187.7	178.4	174.2	184.0	168.5	168.7			
G77.0	167.2	162.0	157.7	155.9	159.6	152.2	152.2			
G78.0	140.4	141.4	137.9	133.7	130.3	130.4	134.7			
G79.0	119.6	121.8	117.7	113.2	112.3	110.0	110.1			
G80.0	101.8	101.7	92.3	92.5	92.8	91.8	86.0			
G81.0	80.6	78.6	80.1	74.1	72.1	71.9	69.8			
G82.0	60.0	56.6	61.5	57.6	52.1	52.4	42.5			
G83.0	44.9	46.1	41.0	41.7	48.3	39.6	42.8			
G84.0	33.6	31.8	35.7	32.5	31.7	30.4	30.0			
G85.0	24.5	27.4	30.2	21.5	20.0	17.5	20.9			
G86.0	13.0	19.3	16.3	17.6	10.9	12.9	10.5			
G87.0	10.5	14.0	10.7	9.0	8.5	7.5	0.0			
G88.0	7.8	0.0	11.5	0.0	0.0	0.0	0.0			
G89.0	0.0	7.3	9.2	0.0	6.8	0.0	0.0			
G90.0	0.0	6.8	9.0	0.0	6.9	0.0	0.0			
G91.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0			
G92.0	7.3	0.0	6.9	0.0	7.5	0.0	0.0			
G93.0	6.9	8.4	6.8	0.0	0.0	0.0	0.0			
G94.0	8.3	8.4	7.3	0.0	7.3	0.0	0.0			
G95.0	0.0	9.1	6.8	7.6	0.0	0.0	0.0			
G96.0	0.0	8.3	0.0	11.2	0.0	0.0	0.0			
G97.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0			
G98.0	0.0	7.6	7.3	0.0	0.0	0.0	0.0			
G99.0	0.0	9.8	0.0	7.1	0.0	7.5	0.0			
G100.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0			
G101.0	6.8	0.0	7.1	7.3	0.0	0.0	0.0			
G102.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	9.3	9.0	6.8	0.0	0.0	0.0			
G104.0	0.0	8.6	7.5	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	7.3	8.3	0.0	0.0	0.0	0.0			
G108.0	0.0	7.1	0.0	0.0	0.0	8.7	0.0			
G109.0	0.0	6.9	7.8	6.9	0.0	0.0	0.0			
G110.0	0.0	8.4	0.0	0.0	0.0	8.7	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	7.9	7.6	0.0	7.1	0.0	8.0	0.0			
G112.0	0.0	9.5	0.0	0.0	0.0	10.7	0.0			
G113.0	0.0	7.1	0.0	0.0	0.0	6.8	0.0			
G114.0	0.0	8.6	7.1	0.0	0.0	7.5	0.0			
G115.0	0.0	0.0	0.0	7.6	0.0	8.2	0.0			
G116.0	0.0	7.3	8.8	0.0	7.8	7.1	0.0			
G117.0	0.0	7.1	8.0	0.0	8.0	0.0	0.0			
G118.0	0.0	8.1	0.0	0.0	7.8	7.0	0.0			
G119.0	0.0	9.1	10.8	9.8	7.5	9.5	0.0			
G120.0	0.0	6.8	7.8	0.0	7.3	0.0	0.0			
G121.0	0.0	9.3	10.3	8.3	10.5	0.0	0.0			
G122.0	0.0	10.6	7.6	6.8	9.5	9.5	0.0			
G123.0	7.1	0.0	9.5	8.1	7.6	7.1	0.0			
G124.0	0.0	9.0	10.7	0.0	9.2	7.1	0.0			
G125.0	9.0	8.3	8.6	8.1	9.5	10.2	0.0			
G126.0	0.0	7.6	12.0	0.0	10.9	10.4	0.0			
G127.0	6.9	8.8	13.7	11.0	0.0	7.7	0.0			
G128.0	0.0	6.8	10.5	10.5	0.0	9.4	0.0			
G129.0	0.0	10.6	13.6	7.5	11.7	10.0	0.0			
G130.0	0.0	10.5	10.0	12.9	10.0	11.2	0.0			
G131.0	9.1	12.7	9.3	10.2	8.0	9.0	0.0			
G132.0	8.1	13.2	10.3	8.6	15.1	15.5	0.0			
G133.0	10.3	14.2	11.4	10.3	8.3	10.9	0.0			
G134.0	10.0	15.0	13.7	12.9	11.9	12.6	0.0			
G135.0	7.1	11.8	8.5	11.9	13.1	11.4	0.0			
G136.0	11.3	13.3	14.2	13.1	11.7	12.8	0.0			
G137.0	10.8	18.9	15.2	11.7	13.2	11.0	7.2			
G138.0	12.2	12.8	12.9	12.2	15.1	11.4	0.0			
G139.0	11.0	15.7	14.2	13.4	14.6	13.1	10.6			
G140.0	13.9	13.5	17.6	14.4	12.2	14.6	9.8			
G141.0	12.8	16.4	15.4	15.9	14.1	15.3	8.1			
G142.0	13.7	19.6	17.1	11.7	15.3	16.8	8.8			
G143.0	14.5	14.0	14.4	12.9	16.1	15.5	10.5			
G144.0	13.3	14.5	14.6	16.6	11.7	11.4	12.8			
G145.0	15.9	17.4	18.3	18.3	16.8	18.2	11.6			
G146.0	14.9	19.6	18.5	12.5	17.1	17.3	8.9			
G147.0	12.3	12.0	18.3	18.5	13.2	20.7	10.6			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	12.7	16.7	13.9	18.1	22.2	21.1	12.3			
G149.0	14.2	18.4	14.7	17.3	17.3	16.5	9.9			
G150.0	18.4	18.1	16.6	16.8	10.0	20.1	13.1			
G151.0	16.7	20.6	20.0	17.3	15.1	24.1	14.0			
G152.0	16.4	19.9	20.8	19.0	20.2	19.7	12.1			
G153.0	18.7	19.3	17.8	19.8	19.8	21.3	14.7			
G154.0	19.3	23.0	20.2	22.7	18.8	20.2	13.0			
G155.0	20.4	23.1	23.0	20.0	22.6	21.4	19.5			
G156.0	16.7	20.5	22.0	19.5	20.2	22.1	14.5			
G157.0	21.1	24.8	24.7	22.7	22.6	23.5	11.1			
G158.0	21.6	24.8	24.2	21.4	17.5	21.1	14.8			
G159.0	16.4	23.8	22.0	24.7	22.7	20.4	14.0			
G160.0	20.3	25.0	23.0	20.3	23.9	19.7	15.2			
G161.0	24.0	24.0	22.2	14.9	23.7	21.6	18.2			
G162.0	19.8	23.0	23.2	21.0	24.9	18.9	15.0			
G163.0	16.6	23.0	23.5	22.4	20.7	23.5	18.2			
G164.0	16.9	21.1	22.5	20.7	23.6	26.0	19.0			
G165.0	21.3	25.7	20.7	26.6	23.7	21.8	15.2			
G166.0	24.8	25.2	27.4	24.1	21.9	27.0	18.0			
G167.0	17.9	18.9	22.9	21.5	22.0	23.1	14.3			
G168.0	17.9	22.0	24.7	24.6	20.4	22.3	15.8			
G169.0	23.8	15.4	24.2	24.4	26.1	29.4	15.7			
G170.0	21.6	26.9	23.0	25.4	18.5	17.5	21.2			
G171.0	26.2	27.0	24.2	25.4	27.0	26.0	12.1			
G172.0	22.1	23.1	20.5	21.4	26.1	28.2	22.6			
G173.0	24.7	23.3	26.8	25.4	21.2	28.2	16.3			
G174.0	21.8	16.4	24.7	25.4	24.8	27.5	21.2			
G175.0	22.3	19.1	21.5	23.9	24.8	27.2	16.7			
G176.0	23.1	20.1	25.9	23.2	18.8	21.6	18.9			
G177.0	22.1	23.0	28.3	25.1	20.2	23.5	16.2			
G178.0	21.1	20.5	26.9	17.1	22.9	24.0	15.0			
G179.0	23.0	25.0	24.4	23.2	23.9	20.7	16.3			
G180.0	20.3	24.5	21.8	17.3	23.4	23.6	14.7			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector: