

Report No.:

Test Time: 2021-6-25 09:16

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 1.114 A

Power Factor: 0.933

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 288.07 W

Photometric Results

CIE Class: Direct

Measurement Flux: 40537.6 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.1, 124.6, 125.5, 124.1

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 86.2, 86.5, 85.4, 86.5

Luminaire Efficacy Rating (LER): 140.77

Max. Intensity: 20470.73 cd

S/MH(C0/C180): 1.39

Total Rated Lamp Lumens: 40537.6 lm

Efficiency: 100%

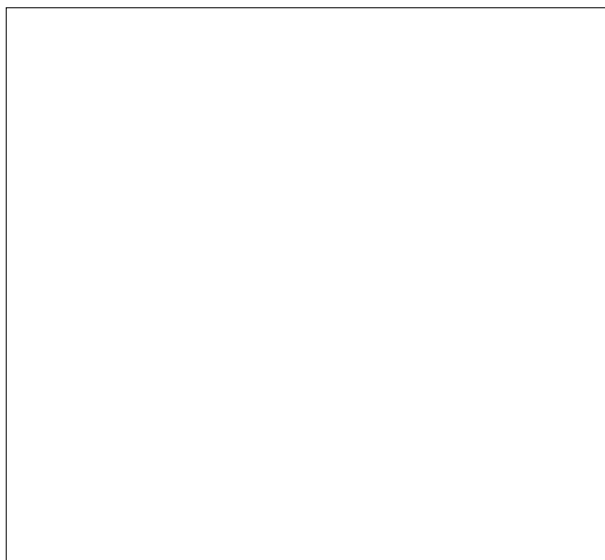
Upward Ratio: 0%

C0r0 Intensity: 19849.91 cd

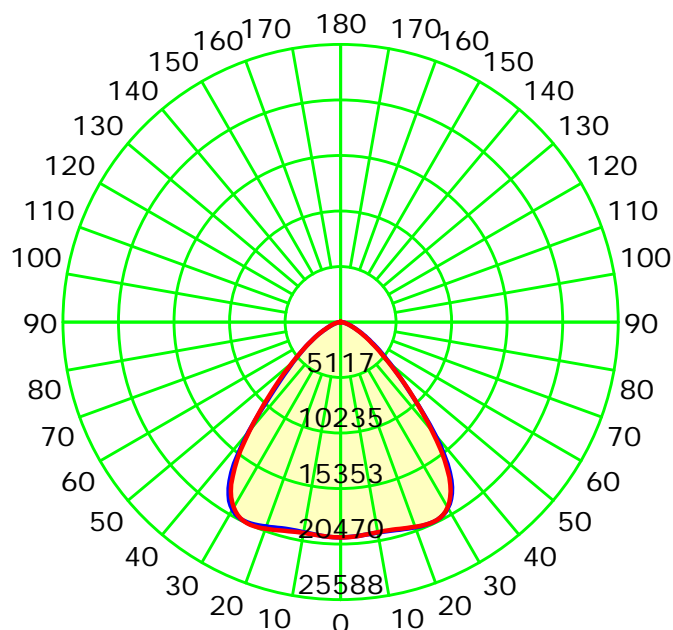
Pos of Max. Intensity: H292.5 V25

S/MH(C90/C270): 1.38

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 86.4°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

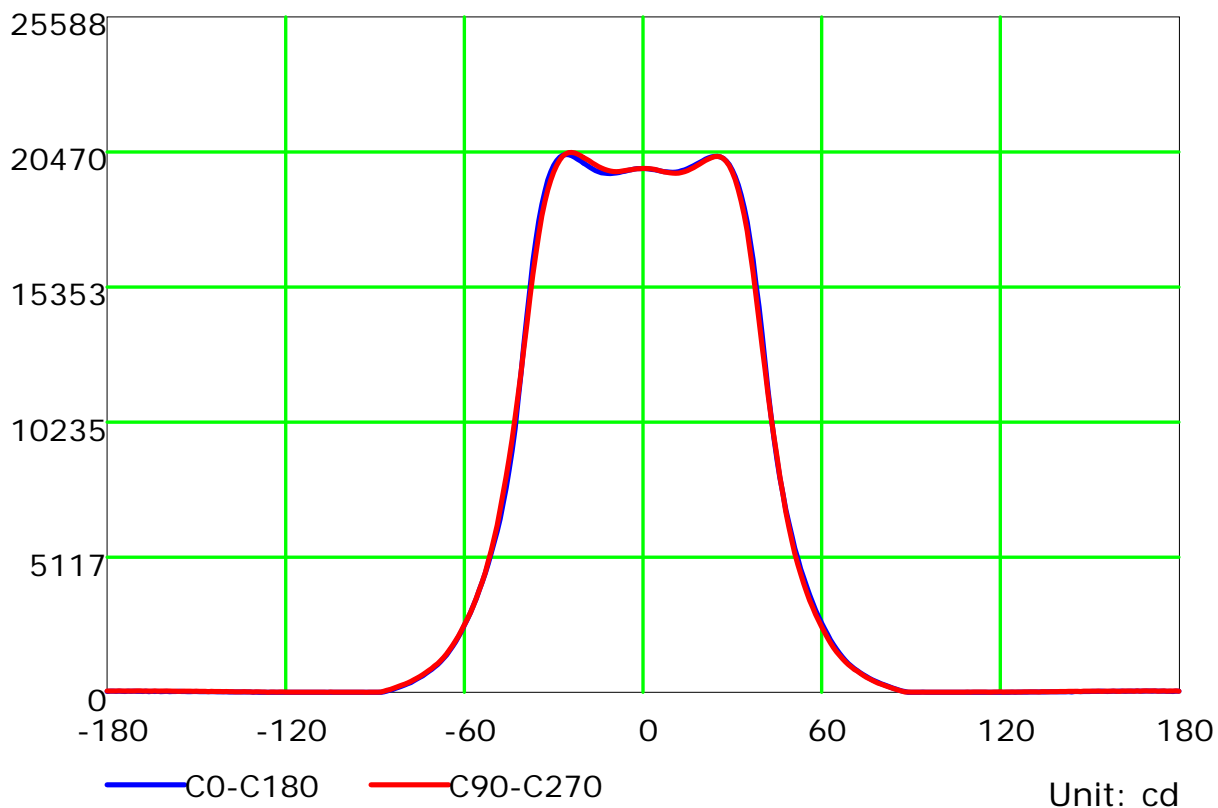
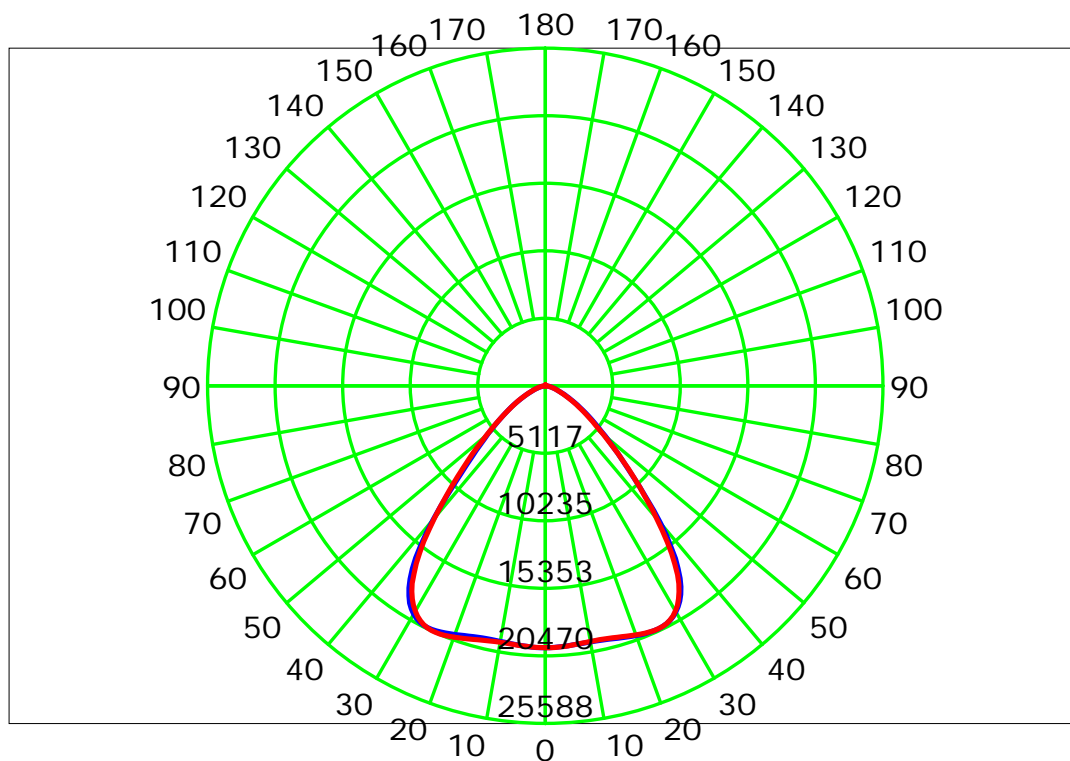
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

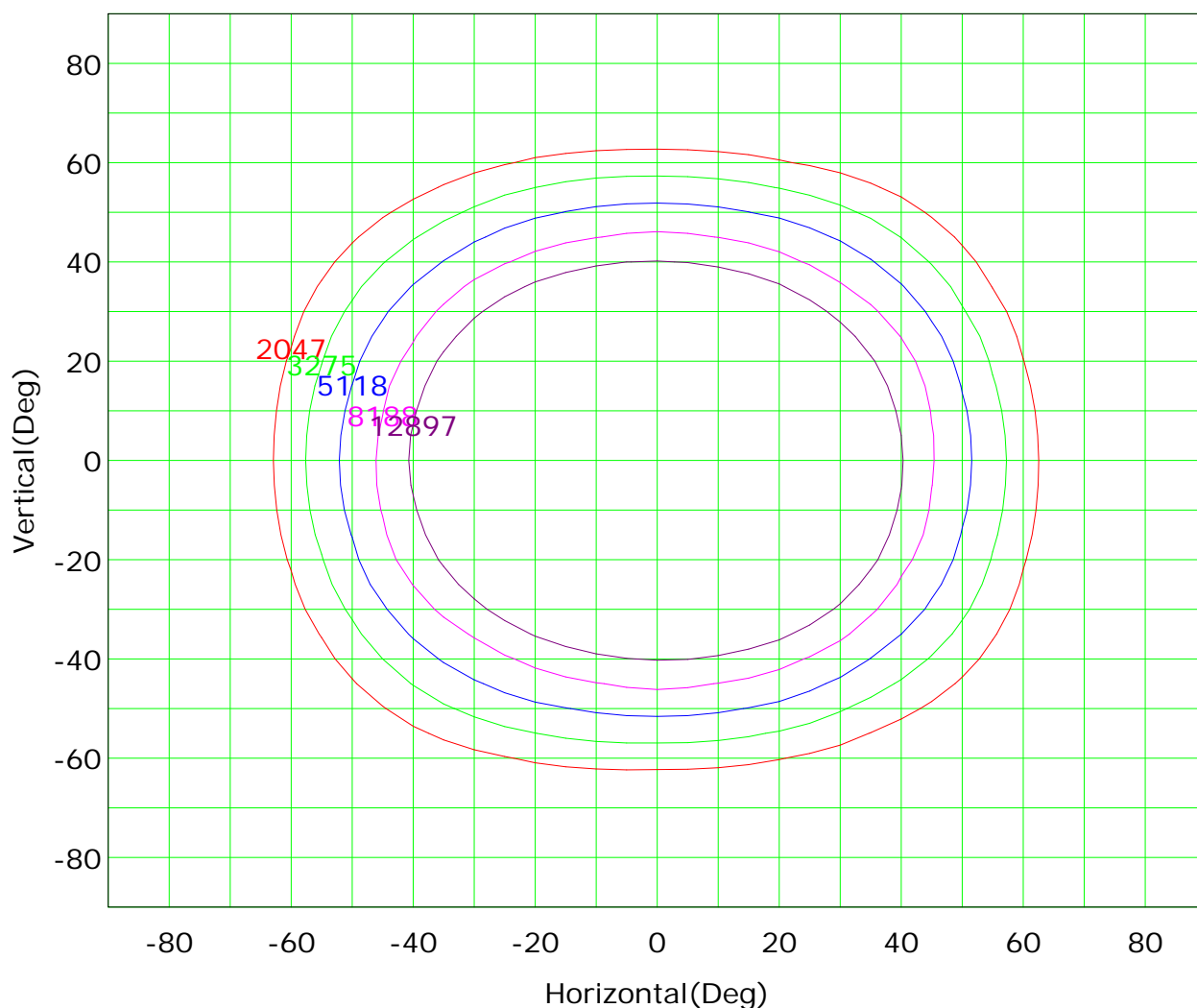
Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °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)



Imax (100%): 20471 cd

(10%): 2047 cd	(16%): 3275 cd
(25%): 5118 cd	(40%): 8188 cd
(63%): 12897 cd	(100%): 20471 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

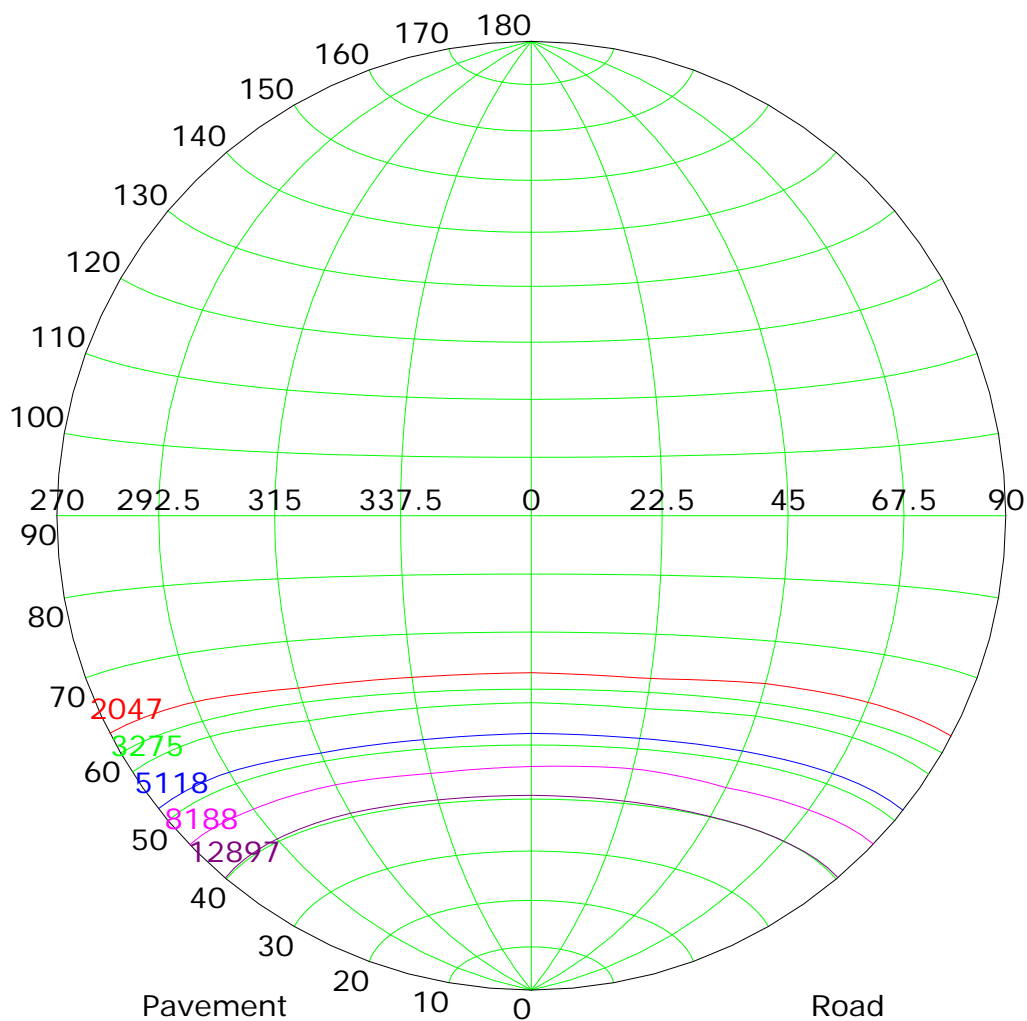
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 20471 cd

(10%): 2047 cd	(16%): 3275 cd
(25%): 5118 cd	(40%): 8188 cd
(63%): 12897 cd	(100%): 20471 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

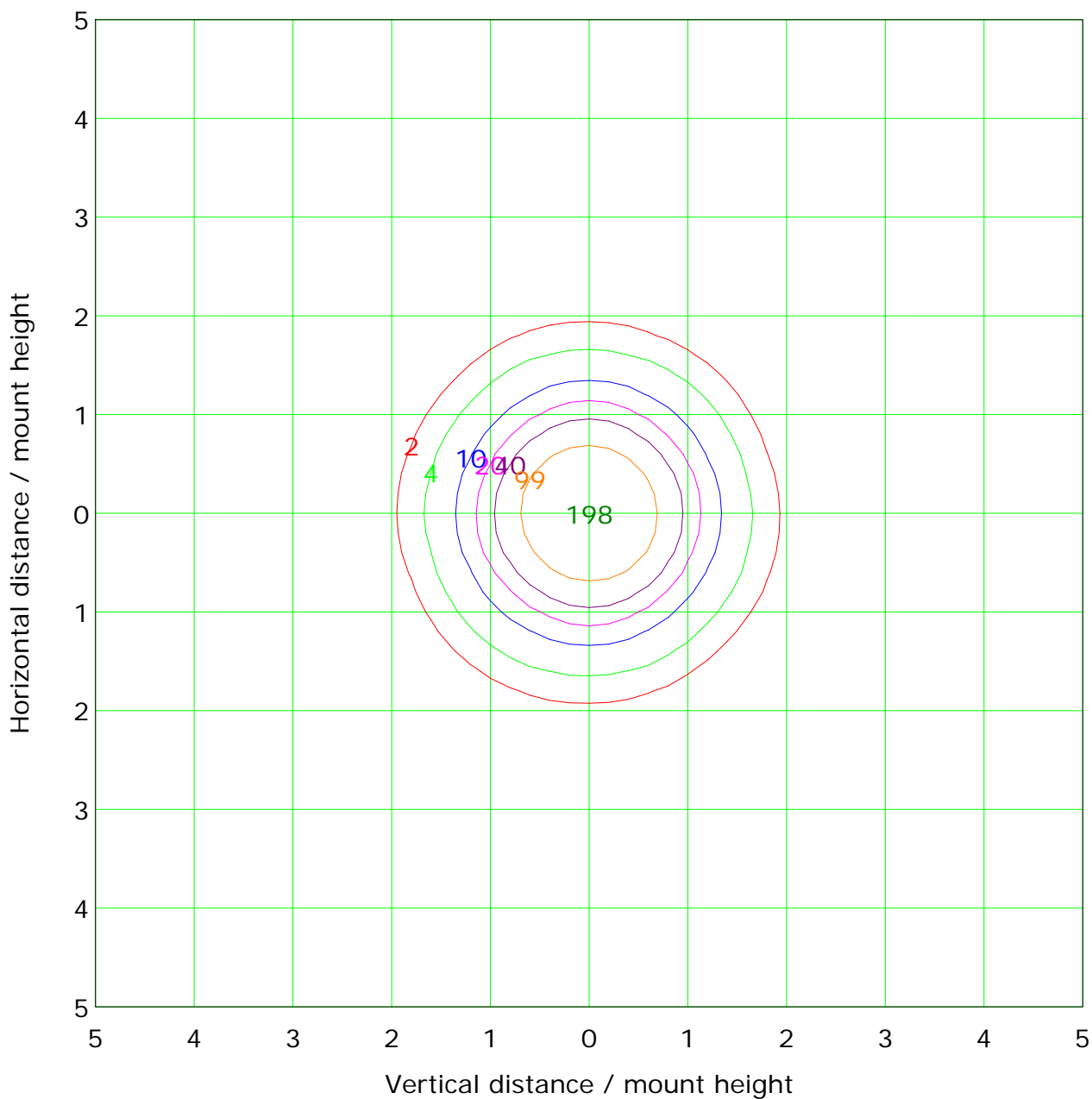
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 198.5 lx

— (1%): 2.0 lx	— (2%): 4.0 lx
— (5%): 9.9 lx	— (10%): 19.8 lx
— (20%): 39.7 lx	— (50%): 99.2 lx
— (100%): 198.5 lx	

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

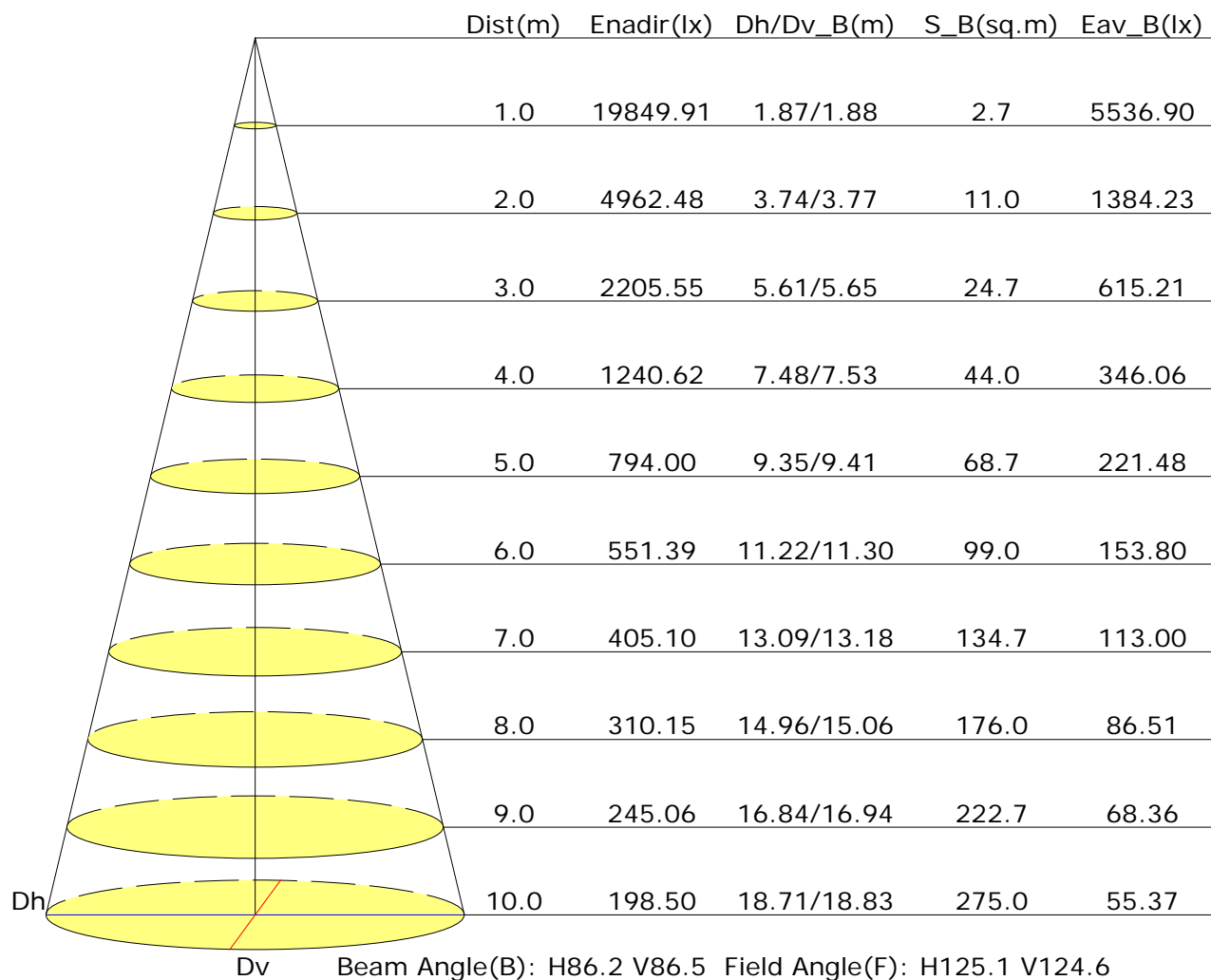
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

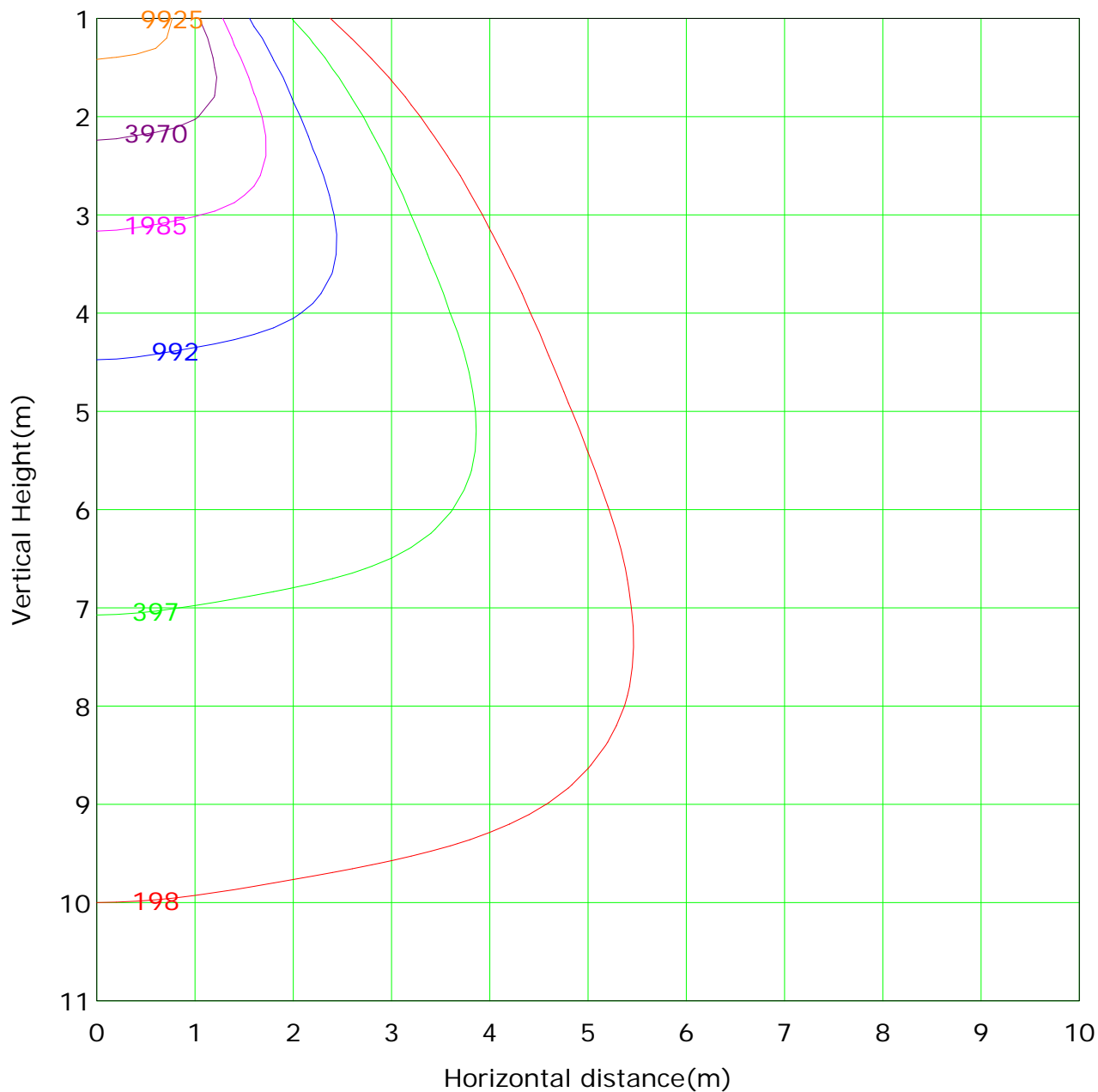
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 '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: 19849.9 lx

(1%): 198.5 lx	(2%): 397.0 lx
(5%): 992.5 lx	(10%): 1985.0 lx
(20%): 3970.0 lx	(50%): 9925.0 lx
(100%): 19849.9 lx	

C Plane (°): 0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °C

Operator:

Gamma Plane (°): 0.0-180.0: 1.0

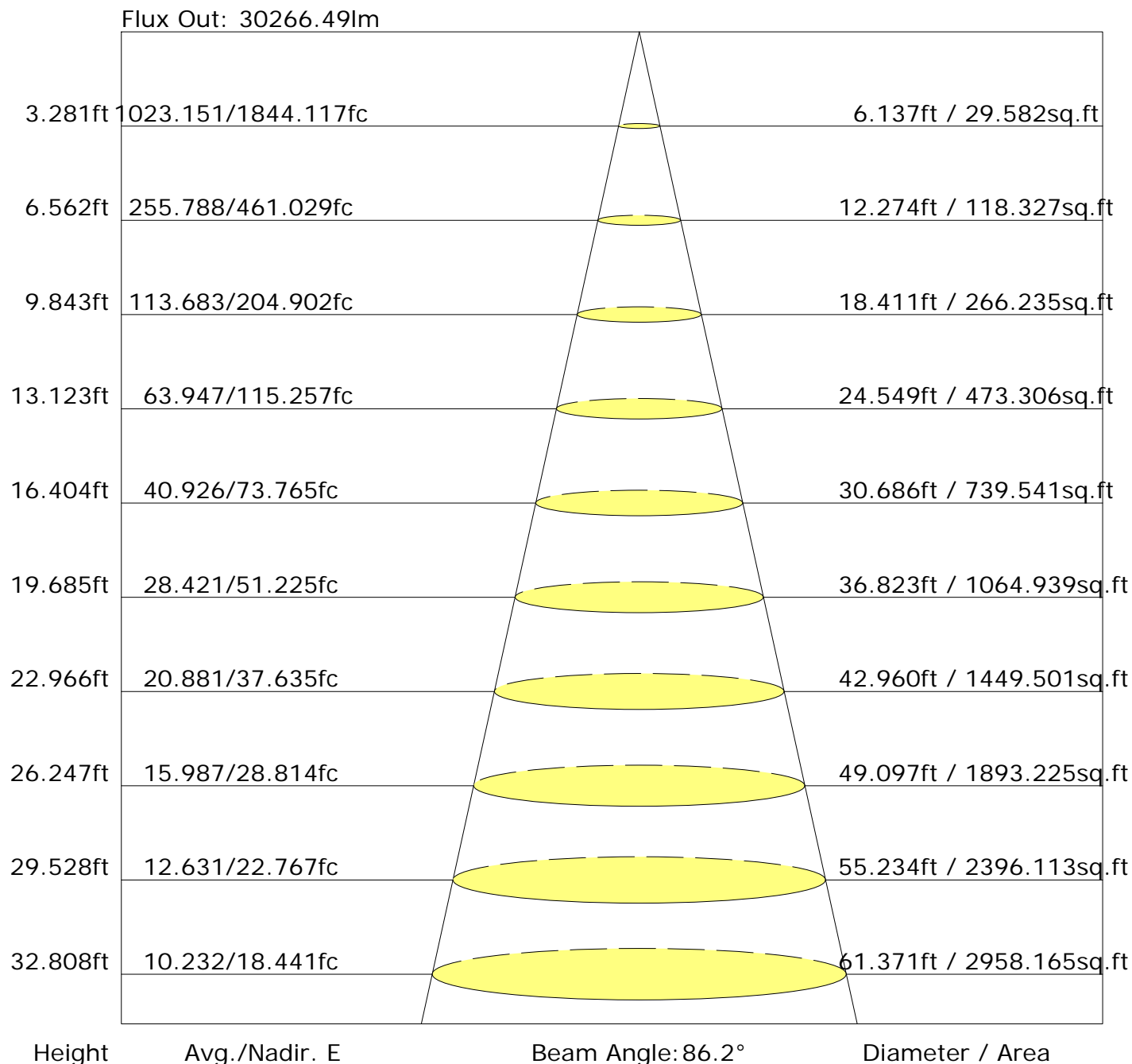
Test Device: GPM-3000

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
Temperature: 25.9 °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	19847.5	19.0	19.0	0.05	0.05
1.0-2.0	19841.1	57.0	75.9	0.14	0.19
2.0-3.0	19831.0	94.9	170.8	0.23	0.42
3.0-4.0	19814.5	132.7	303.5	0.33	0.75
4.0-5.0	19792.9	170.3	473.8	0.42	1.17
5.0-6.0	19769.6	207.8	681.5	0.51	1.68
6.0-7.0	19747.4	245.1	926.7	0.60	2.29
7.0-8.0	19726.9	282.4	1209.1	0.70	2.98
8.0-9.0	19710.4	319.5	1528.5	0.79	3.77
9.0-10.0	19701.5	356.6	1885.1	0.88	4.65
10.0-11.0	19700.2	393.7	2278.8	0.97	5.62
11.0-12.0	19708.1	430.9	2709.7	1.06	6.68
12.0-13.0	19725.9	468.2	3177.9	1.15	7.84
13.0-14.0	19755.3	505.7	3683.6	1.25	9.09
14.0-15.0	19796.1	543.5	4227.1	1.34	10.43
15.0-16.0	19845.9	581.6	4808.7	1.43	11.86
16.0-17.0	19903.9	619.9	5428.7	1.53	13.39
17.0-18.0	19968.2	658.5	6087.1	1.62	15.02
18.0-19.0	20035.9	697.2	6784.3	1.72	16.74
19.0-20.0	20103.6	735.9	7520.2	1.82	18.55
20.0-21.0	20171.0	774.6	8294.8	1.91	20.46
21.0-22.0	20234.1	813.2	9108.1	2.01	22.47
22.0-23.0	20288.3	851.4	9959.5	2.10	24.57
23.0-24.0	20328.3	888.9	10848.4	2.19	26.76
24.0-25.0	20347.7	925.3	11773.7	2.28	29.04
25.0-26.0	20342.7	960.4	12734.1	2.37	31.41
26.0-27.0	20303.6	993.5	13727.5	2.45	33.86
27.0-28.0	20225.5	1024.1	14751.7	2.53	36.39
28.0-29.0	20101.5	1051.8	15803.5	2.59	38.98
29.0-30.0	19922.5	1075.8	16879.3	2.65	41.64
30.0-31.0	19684.7	1095.6	17974.9	2.70	44.34
31.0-32.0	19380.9	1110.5	19085.4	2.74	47.08
32.0-33.0	19000.7	1119.5	20204.9	2.76	49.84
33.0-34.0	18539.1	1122.1	21327.0	2.77	52.61
34.0-35.0	17983.2	1117.0	22444.0	2.76	55.37
35.0-36.0	17318.3	1102.8	23546.8	2.72	58.09

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	16566.3	1080.6	24627.4	2.67	60.75
37.0-38.0	15718.6	1049.3	25676.8	2.59	63.34
38.0-39.0	14777.3	1008.8	26685.5	2.49	65.83
39.0-40.0	13784.1	961.5	27647.0	2.37	68.20
40.0-41.0	12755.9	908.5	28555.5	2.24	70.44
41.0-42.0	11717.2	851.4	29406.9	2.10	72.54
42.0-43.0	10722.7	794.4	30201.3	1.96	74.50
43.0-44.0	9819.6	741.2	30942.5	1.83	76.33
44.0-45.0	9017.6	693.1	31635.7	1.71	78.04
45.0-46.0	8297.1	649.0	32284.6	1.60	79.64
46.0-47.0	7643.6	608.0	32892.6	1.50	81.14
47.0-48.0	7044.2	569.5	33462.2	1.40	82.55
48.0-49.0	6490.9	533.1	33995.3	1.32	83.86
49.0-50.0	5990.0	499.5	34494.8	1.23	85.09
50.0-51.0	5533.6	468.2	34963.0	1.16	86.25
51.0-52.0	5113.7	438.9	35401.9	1.08	87.33
52.0-53.0	4725.6	411.1	35813.0	1.01	88.35
53.0-54.0	4367.4	385.0	36198.0	0.95	89.29
54.0-55.0	4032.4	360.0	36558.0	0.89	90.18
55.0-56.0	3718.0	336.0	36894.0	0.83	91.01
56.0-57.0	3428.5	313.5	37207.5	0.77	91.79
57.0-58.0	3158.6	292.1	37499.6	0.72	92.51
58.0-59.0	2903.3	271.5	37771.1	0.67	93.18
59.0-60.0	2663.4	251.7	38022.8	0.62	93.80
60.0-61.0	2438.6	232.7	38255.5	0.57	94.37
61.0-62.0	2226.9	214.6	38470.1	0.53	94.90
62.0-63.0	2027.3	197.2	38667.3	0.49	95.39
63.0-64.0	1840.3	180.6	38847.9	0.45	95.83
64.0-65.0	1668.2	165.1	39013.0	0.41	96.24
65.0-66.0	1513.3	151.0	39164.0	0.37	96.61
66.0-67.0	1375.3	138.3	39302.3	0.34	96.95
67.0-68.0	1248.6	126.5	39428.8	0.31	97.26
68.0-69.0	1131.9	115.5	39544.3	0.28	97.55
69.0-70.0	1028.5	105.6	39650.0	0.26	97.81
70.0-71.0	935.0	96.6	39746.6	0.24	98.05
71.0-72.0	849.7	88.4	39835.0	0.22	98.27

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	771.9	80.7	39915.7	0.20	98.47
73.0-74.0	696.5	73.2	39989.0	0.18	98.65
74.0-75.0	625.0	66.0	40055.0	0.16	98.81
75.0-76.0	559.9	59.4	40114.4	0.15	98.96
76.0-77.0	497.1	53.0	40167.5	0.13	99.09
77.0-78.0	436.1	46.7	40214.1	0.12	99.20
78.0-79.0	383.6	41.2	40255.4	0.10	99.30
79.0-80.0	337.7	36.4	40291.8	0.09	99.39
80.0-81.0	293.4	31.7	40323.5	0.08	99.47
81.0-82.0	250.6	27.2	40350.7	0.07	99.54
82.0-83.0	209.4	22.8	40373.5	0.06	99.59
83.0-84.0	168.5	18.4	40391.8	0.05	99.64
84.0-85.0	128.5	14.0	40405.8	0.03	99.67
85.0-86.0	91.5	10.0	40415.8	0.02	99.70
86.0-87.0	58.4	6.4	40422.2	0.02	99.72
87.0-88.0	31.3	3.4	40425.7	0.01	99.72
88.0-89.0	14.8	1.6	40427.3	0.00	99.73
89.0-90.0	9.2	1.0	40428.3	0.00	99.73
90.0-91.0	7.8	0.9	40429.1	0.00	99.73
91.0-92.0	7.3	0.8	40429.9	0.00	99.73
92.0-93.0	6.5	0.7	40430.6	0.00	99.74
93.0-94.0	5.7	0.6	40431.3	0.00	99.74
94.0-95.0	6.4	0.7	40432.0	0.00	99.74
95.0-96.0	6.7	0.7	40432.7	0.00	99.74
96.0-97.0	6.0	0.7	40433.4	0.00	99.74
97.0-98.0	6.1	0.7	40434.0	0.00	99.74
98.0-99.0	6.5	0.7	40434.7	0.00	99.75
99.0-100.0	5.9	0.6	40435.4	0.00	99.75
100.0-101.0	5.9	0.6	40436.0	0.00	99.75
101.0-102.0	6.3	0.7	40436.7	0.00	99.75
102.0-103.0	6.9	0.7	40437.4	0.00	99.75
103.0-104.0	7.1	0.8	40438.2	0.00	99.75
104.0-105.0	7.1	0.8	40438.9	0.00	99.76
105.0-106.0	6.8	0.7	40439.6	0.00	99.76
106.0-107.0	6.6	0.7	40440.3	0.00	99.76
107.0-108.0	7.3	0.8	40441.1	0.00	99.76

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	8.0	0.8	40441.9	0.00	99.76
109.0-110.0	7.5	0.8	40442.7	0.00	99.77
110.0-111.0	6.6	0.7	40443.4	0.00	99.77
111.0-112.0	6.9	0.7	40444.1	0.00	99.77
112.0-113.0	7.8	0.8	40444.9	0.00	99.77
113.0-114.0	8.2	0.8	40445.7	0.00	99.77
114.0-115.0	8.3	0.8	40446.5	0.00	99.78
115.0-116.0	8.2	0.8	40447.4	0.00	99.78
116.0-117.0	8.2	0.8	40448.2	0.00	99.78
117.0-118.0	8.6	0.8	40449.0	0.00	99.78
118.0-119.0	9.0	0.9	40449.9	0.00	99.78
119.0-120.0	9.3	0.9	40450.8	0.00	99.79
120.0-121.0	9.3	0.9	40451.6	0.00	99.79
121.0-122.0	9.7	0.9	40452.5	0.00	99.79
122.0-123.0	9.9	0.9	40453.4	0.00	99.79
123.0-124.0	10.6	1.0	40454.4	0.00	99.79
124.0-125.0	11.9	1.1	40455.5	0.00	99.80
125.0-126.0	12.4	1.1	40456.6	0.00	99.80
126.0-127.0	13.1	1.2	40457.8	0.00	99.80
127.0-128.0	14.5	1.3	40459.0	0.00	99.81
128.0-129.0	15.8	1.4	40460.4	0.00	99.81
129.0-130.0	16.7	1.4	40461.8	0.00	99.81
130.0-131.0	17.1	1.4	40463.2	0.00	99.82
131.0-132.0	18.0	1.5	40464.7	0.00	99.82
132.0-133.0	19.0	1.5	40466.2	0.00	99.82
133.0-134.0	19.9	1.6	40467.8	0.00	99.83
134.0-135.0	21.2	1.7	40469.5	0.00	99.83
135.0-136.0	22.5	1.7	40471.2	0.00	99.84
136.0-137.0	23.3	1.8	40473.0	0.00	99.84
137.0-138.0	24.6	1.8	40474.8	0.00	99.84
138.0-139.0	26.1	1.9	40476.7	0.00	99.85
139.0-140.0	27.3	1.9	40478.6	0.00	99.85
140.0-141.0	28.0	2.0	40480.6	0.00	99.86
141.0-142.0	28.9	2.0	40482.6	0.00	99.86
142.0-143.0	30.7	2.0	40484.6	0.01	99.87
143.0-144.0	32.1	2.1	40486.7	0.01	99.87

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	33.2	2.1	40488.8	0.01	99.88
145.0-146.0	34.3	2.1	40490.9	0.01	99.88
146.0-147.0	34.9	2.1	40493.0	0.01	99.89
147.0-148.0	36.6	2.2	40495.2	0.01	99.90
148.0-149.0	38.9	2.2	40497.4	0.01	99.90
149.0-150.0	38.7	2.2	40499.6	0.01	99.91
150.0-151.0	38.7	2.1	40501.7	0.01	99.91
151.0-152.0	40.6	2.1	40503.8	0.01	99.92
152.0-153.0	42.3	2.1	40505.9	0.01	99.92
153.0-154.0	41.9	2.1	40508.0	0.01	99.93
154.0-155.0	42.0	2.0	40510.0	0.00	99.93
155.0-156.0	43.0	2.0	40511.9	0.00	99.94
156.0-157.0	43.3	1.9	40513.8	0.00	99.94
157.0-158.0	43.8	1.8	40515.7	0.00	99.95
158.0-159.0	44.2	1.8	40517.4	0.00	99.95
159.0-160.0	44.7	1.7	40519.2	0.00	99.95
160.0-161.0	45.9	1.7	40520.8	0.00	99.96
161.0-162.0	47.1	1.6	40522.5	0.00	99.96
162.0-163.0	47.2	1.6	40524.0	0.00	99.97
163.0-164.0	47.9	1.5	40525.5	0.00	99.97
164.0-165.0	47.6	1.4	40526.9	0.00	99.97
165.0-166.0	48.4	1.3	40528.2	0.00	99.98
166.0-167.0	49.8	1.3	40529.5	0.00	99.98
167.0-168.0	48.5	1.2	40530.7	0.00	99.98
168.0-169.0	49.6	1.1	40531.8	0.00	99.99
169.0-170.0	52.2	1.0	40532.8	0.00	99.99
170.0-171.0	52.0	0.9	40533.7	0.00	99.99
171.0-172.0	51.7	0.8	40534.6	0.00	99.99
172.0-173.0	50.6	0.7	40535.3	0.00	99.99
173.0-174.0	49.9	0.6	40535.9	0.00	100.00
174.0-175.0	50.6	0.5	40536.5	0.00	100.00
175.0-176.0	50.5	0.4	40536.9	0.00	100.00
176.0-177.0	49.8	0.3	40537.2	0.00	100.00
177.0-178.0	48.7	0.2	40537.5	0.00	100.00
178.0-179.0	48.2	0.1	40537.6	0.00	100.00
179.0-180.0	48.7	0.0	40537.6	0.00	100.00

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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

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	19849.9	19849.9	19849.9	19849.9	19849.9	19849.9	19849.9	19849.9	19849.9	19849.9
G1.0	19843.5	19843.5	19841.3	19847.8	19849.9	19847.7	19850.6	19845.6	19843.5	19842.0
G2.0	19829.9	19838.5	19837.7	19834.1	19844.1	19837.6	19844.1	19836.8	19840.6	19837.7
G3.0	19814.9	19826.3	19829.1	19815.4	19829.7	19828.2	19830.3	19824.5	19822.8	19828.4
G4.0	19798.5	19807.0	19807.6	19791.6	19811.0	19810.1	19802.1	19801.3	19798.5	19818.4
G5.0	19774.9	19781.2	19786.7	19770.0	19782.9	19787.7	19777.5	19773.0	19779.2	19788.3
G6.0	19749.2	19753.3	19754.4	19741.2	19750.4	19765.2	19751.4	19755.5	19743.4	19760.4
G7.0	19728.4	19723.2	19727.1	19720.3	19723.7	19742.1	19724.6	19726.5	19728.4	19744.0
G8.0	19721.3	19703.2	19706.3	19693.7	19702.1	19707.4	19695.6	19694.5	19698.4	19716.8
G9.0	19707.0	19698.1	19694.1	19677.9	19682.6	19682.0	19665.2	19675.7	19679.8	19704.6
G10.0	19706.3	19691.0	19691.3	19665.6	19674.7	19673.4	19644.9	19647.3	19667.7	19702.4
G11.0	19710.6	19696.0	19694.1	19675.0	19668.9	19664.0	19627.5	19632.8	19655.6	19700.3
G12.0	19728.4	19716.0	19716.4	19685.1	19674.7	19661.1	19612.3	19629.9	19659.1	19712.5
G13.0	19761.3	19736.1	19738.6	19708.1	19697.0	19672.6	19616.6	19634.3	19671.3	19730.4
G14.0	19795.6	19781.2	19779.6	19746.3	19728.1	19694.3	19631.9	19651.7	19688.4	19759.7
G15.0	19843.5	19832.0	19832.7	19803.8	19769.2	19724.7	19659.4	19677.1	19725.6	19812.7
G16.0	19899.9	19889.3	19898.7	19862.1	19823.2	19767.4	19698.5	19714.1	19769.2	19862.8
G17.0	19952.1	19954.4	19962.6	19937.7	19881.6	19811.6	19743.4	19768.6	19834.9	19932.2
G18.0	20015.7	20024.6	20035.9	20007.5	19945.1	19874.5	19799.9	19828.9	19903.5	20001.0
G19.0	20074.3	20098.3	20106.9	20081.0	20010.0	19933.8	19861.5	19892.0	19981.4	20075.4
G20.0	20133.6	20164.9	20183.7	20164.5	20086.4	20006.2	19929.6	19954.5	20056.4	20138.4
G21.0	20200.8	20217.9	20262.7	20242.2	20154.9	20062.6	19997.0	20023.4	20133.6	20212.8
G22.0	20248.6	20272.3	20317.3	20309.9	20208.3	20119.1	20058.5	20108.4	20201.5	20275.8
G23.0	20283.7	20313.8	20353.9	20358.8	20255.1	20174.1	20128.1	20177.4	20275.1	20330.2
G24.0	20302.2	20325.9	20374.7	20390.5	20299.1	20205.9	20178.1	20239.1	20333.0	20365.3
G25.0	20312.9	20310.2	20369.7	20384.0	20304.9	20239.2	20226.6	20292.1	20370.8	20368.9
G26.0	20287.9	20273.7	20325.9	20350.9	20289.0	20248.6	20245.4	20332.7	20379.4	20351.7
G27.0	20230.8	20184.9	20244.0	20255.9	20225.6	20217.5	20254.1	20341.5	20348.7	20271.5
G28.0	20135.7	20058.2	20111.9	20135.0	20116.7	20163.2	20211.4	20311.7	20276.5	20166.3
G29.0	19994.3	19857.8	19932.5	19950.0	19953.7	20054.0	20133.9	20237.6	20149.3	20011.7
G30.0	19784.9	19606.5	19680.5	19696.6	19710.0	19889.7	20003.5	20106.9	19963.5	19790.5
G31.0	19539.1	19321.6	19363.9	19379.9	19431.7	19670.5	19813.0	19911.6	19724.2	19499.9
G32.0	19224.7	18948.7	18974.1	18988.3	19045.2	19377.4	19564.5	19651.0	19409.0	19106.1
G33.0	18843.1	18493.4	18492.4	18511.8	18613.3	18999.0	19216.8	19301.7	18976.0	18663.0
G34.0	18370.8	18012.3	17916.6	17934.5	18092.7	18522.2	18775.6	18900.2	18477.9	18136.9
G35.0	17818.4	17389.5	17270.5	17286.0	17480.5	17947.7	18239.5	18299.0	17869.1	17514.1
G36.0	17118.1	16607.8	16570.6	16551.1	16710.4	17218.3	17590.4	17649.2	17147.4	16804.7

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	16385.0	15836.1	15791.6	15738.4	15909.3	16447.8	16842.8	16879.6	16325.0	15985.0
G38.0	15456.8	15002.9	14849.8	14855.9	15021.0	15565.8	15961.2	15879.1	15306.7	14997.1
G39.0	14602.1	14148.9	13899.2	13910.1	14075.7	14554.2	14848.5	14806.7	14283.5	14052.9
G40.0	13577.5	13280.5	12953.1	12885.9	13115.3	13465.3	13761.1	13621.0	13200.9	13100.8
G41.0	12539.2	12332.0	11997.5	11946.5	12257.2	12346.0	12650.6	12386.0	12089.7	12145.9
G42.0	11445.9	11507.3	10966.6	10949.6	11290.3	11248.3	11473.4	11194.5	11033.6	11238.2
G43.0	10514.8	10635.4	9950.1	10000.2	10476.9	10225.2	10470.8	10110.5	9981.0	10347.0
G44.0	9633.1	9860.9	9114.4	9183.9	9680.9	9343.9	9523.3	9163.0	9140.7	9602.5
G45.0	8818.5	9131.4	8370.7	8500.1	8931.0	8598.7	8685.8	8324.3	8403.3	8900.9
G46.0	8126.0	8417.7	7680.8	7781.0	8172.4	7907.0	7911.4	7690.5	7737.3	8190.1
G47.0	7528.7	7724.1	7150.3	7192.2	7516.3	7333.9	7205.1	7093.7	7152.8	7497.9
G48.0	6927.0	7065.5	6634.8	6639.4	6839.9	6750.7	6628.5	6612.3	6582.6	6797.7
G49.0	6426.1	6459.9	6145.9	6190.3	6271.0	6250.8	6050.4	6112.0	6106.0	6245.1
G50.0	5936.6	5897.9	5733.9	5725.3	5747.5	5763.1	5554.1	5672.0	5685.1	5740.4
G51.0	5461.4	5409.7	5338.3	5310.7	5266.6	5307.3	5112.3	5250.9	5286.4	5275.8
G52.0	5078.4	4950.1	4973.6	4920.6	4846.9	4912.9	4724.0	4849.4	4872.6	4815.5
G53.0	4673.3	4536.4	4611.8	4594.5	4490.0	4522.2	4340.7	4519.0	4518.9	4434.7
G54.0	4339.6	4193.5	4295.9	4246.1	4120.8	4172.7	4019.8	4179.2	4188.8	4084.7
G55.0	3998.7	3837.7	3985.1	3914.3	3784.1	3873.2	3685.9	3846.0	3878.7	3764.0
G56.0	3689.3	3557.1	3688.6	3631.4	3485.6	3541.8	3389.6	3571.5	3557.8	3433.9
G57.0	3390.6	3260.0	3415.8	3355.0	3224.6	3261.8	3138.2	3290.5	3287.0	3164.1
G58.0	3115.5	2983.0	3148.0	3104.5	2957.8	2991.2	2878.9	3036.4	3019.0	2899.2
G59.0	2866.8	2738.1	2906.8	2843.9	2721.3	2760.4	2629.7	2783.0	2775.4	2659.4
G60.0	2623.9	2499.0	2675.6	2615.8	2483.3	2520.1	2422.5	2554.3	2543.1	2431.0
G61.0	2407.4	2295.0	2430.8	2397.7	2276.4	2301.6	2202.2	2345.9	2310.9	2203.4
G62.0	2195.9	2090.3	2236.3	2191.1	2067.3	2088.9	2004.5	2130.3	2105.8	2015.8
G63.0	1988.6	1897.7	2020.9	1983.0	1876.2	1900.8	1835.7	1950.2	1915.0	1837.6
G64.0	1804.3	1712.3	1845.7	1806.7	1697.4	1724.2	1654.6	1756.3	1739.3	1660.1
G65.0	1633.5	1547.7	1669.8	1637.5	1538.0	1564.3	1498.8	1589.4	1572.0	1512.6
G66.0	1479.9	1408.8	1515.5	1502.2	1407.5	1408.8	1362.6	1460.8	1414.1	1360.8
G67.0	1334.8	1271.4	1389.9	1364.0	1276.3	1281.4	1244.6	1323.6	1289.8	1241.3
G68.0	1208.3	1149.7	1264.2	1233.7	1163.1	1161.3	1133.0	1190.0	1166.2	1129.6
G69.0	1089.0	1053.0	1135.0	1123.6	1054.2	1060.7	1016.4	1088.4	1054.0	1015.8
G70.0	990.4	956.4	1033.8	1014.2	960.4	963.8	925.1	986.7	959.0	926.3
G71.0	901.1	868.3	936.9	916.3	872.5	873.3	838.2	888.0	872.5	846.9
G72.0	823.9	796.7	842.1	836.4	802.5	794.5	767.9	811.7	791.7	773.1
G73.0	742.4	728.0	768.2	756.5	723.9	716.3	699.8	737.7	710.3	698.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	670.3	662.9	692.1	688.8	645.3	641.8	623.7	660.7	628.1	625.7
G75.0	601.0	592.0	626.0	614.7	574.7	570.9	557.8	589.6	568.8	564.1
G76.0	535.2	531.9	560.0	547.0	516.3	510.8	496.2	523.5	506.6	506.1
G77.0	478.8	473.9	494.6	483.0	455.7	447.9	439.7	457.4	439.5	440.3
G78.0	425.9	414.5	425.0	424.0	403.1	396.5	388.3	399.3	374.4	378.7
G79.0	380.9	372.2	382.6	376.5	349.7	343.7	342.7	353.6	329.4	336.5
G80.0	326.6	327.9	324.5	327.5	312.2	309.7	299.2	304.2	283.0	297.1
G81.0	285.1	284.2	280.7	279.3	270.4	266.3	255.7	259.9	239.4	257.0
G82.0	245.1	246.3	240.5	237.5	227.1	223.6	218.0	216.4	194.4	212.6
G83.0	201.5	201.2	198.1	197.2	191.1	179.4	176.0	174.3	158.6	175.4
G84.0	162.9	163.2	160.1	154.8	145.7	142.5	136.2	133.6	115.1	137.4
G85.0	121.5	125.3	114.9	108.0	109.6	102.7	91.3	103.1	87.2	95.9
G86.0	88.6	85.9	73.2	76.3	74.3	70.9	65.9	62.4	52.2	61.6
G87.0	52.2	51.5	43.1	48.9	46.9	36.9	33.3	36.3	23.6	22.9
G88.0	31.4	30.1	25.1	22.3	15.1	20.3	18.8	16.0	0.0	10.7
G89.0	0.0	8.6	11.5	13.7	15.1	11.6	11.6	14.5	0.0	0.0
G90.0	0.0	8.6	7.9	13.0	8.6	8.7	7.2	14.5	0.0	0.0
G91.0	0.0	9.3	8.6	14.4	11.5	8.0	8.7	13.1	0.0	0.0
G92.0	0.0	0.0	9.3	11.5	10.8	8.0	9.4	12.3	0.0	0.0
G93.0	0.0	7.9	7.2	8.6	10.1	8.0	8.0	9.4	0.0	0.0
G94.0	7.2	0.0	0.0	8.6	8.6	8.0	10.1	7.3	0.0	7.9
G95.0	0.0	7.9	0.0	10.8	10.8	11.6	7.2	10.2	0.0	0.0
G96.0	0.0	0.0	9.3	9.4	8.6	9.4	8.0	9.4	0.0	0.0
G97.0	0.0	9.3	0.0	10.1	11.5	0.0	0.0	9.4	0.0	0.0
G98.0	0.0	7.2	0.0	8.6	11.5	0.0	11.6	8.0	0.0	0.0
G99.0	0.0	0.0	0.0	10.8	10.1	7.2	10.9	8.7	0.0	0.0
G100.0	0.0	0.0	0.0	7.9	11.5	0.0	7.2	10.2	0.0	0.0
G101.0	0.0	0.0	0.0	12.2	8.6	12.3	10.1	12.3	0.0	0.0
G102.0	0.0	0.0	7.9	9.4	7.2	8.0	8.7	14.5	0.0	0.0
G103.0	0.0	7.2	7.2	11.5	11.5	7.2	10.1	7.3	0.0	0.0
G104.0	0.0	0.0	8.6	12.2	11.5	7.2	8.0	15.3	0.0	0.0
G105.0	0.0	7.2	0.0	11.5	9.4	9.4	10.1	12.3	0.0	0.0
G106.0	0.0	8.6	0.0	8.6	11.5	10.1	9.4	0.0	0.0	0.0
G107.0	0.0	0.0	8.6	10.1	10.8	10.1	10.1	11.6	0.0	0.0
G108.0	0.0	7.2	0.0	13.7	11.5	8.7	11.6	13.1	0.0	0.0
G109.0	0.0	11.5	8.6	15.8	14.4	7.2	8.7	10.9	0.0	0.0
G110.0	0.0	0.0	7.2	14.4	10.1	8.7	10.1	8.7	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	8.6	9.3	11.5	14.4	8.0	10.9	9.4	0.0	0.0
G112.0	0.0	8.6	7.9	10.8	12.3	8.0	0.0	12.3	0.0	0.0
G113.0	0.0	7.9	7.9	10.1	13.7	10.9	10.1	15.3	0.0	0.0
G114.0	0.0	9.3	7.9	12.2	13.0	11.6	9.4	9.4	0.0	0.0
G115.0	0.0	7.9	10.0	11.5	13.0	10.9	11.6	13.8	0.0	0.0
G116.0	0.0	7.9	0.0	11.5	8.6	8.0	16.7	13.1	0.0	0.0
G117.0	0.0	9.3	7.9	12.2	10.8	10.9	10.1	13.8	0.0	0.0
G118.0	0.0	0.0	10.0	10.1	12.3	10.9	10.9	13.1	0.0	0.0
G119.0	0.0	8.6	11.5	15.1	12.3	12.3	12.3	12.3	0.0	0.0
G120.0	0.0	8.6	9.3	11.5	18.7	7.2	10.1	13.1	0.0	0.0
G121.0	0.0	7.2	11.5	10.8	11.5	10.9	10.9	14.5	0.0	0.0
G122.0	0.0	10.7	10.0	12.2	12.3	12.3	14.5	14.5	0.0	10.7
G123.0	0.0	12.9	12.9	15.8	18.0	10.1	12.3	13.8	0.0	0.0
G124.0	8.6	11.5	10.8	13.7	13.7	12.3	18.1	13.8	0.0	0.0
G125.0	0.0	12.2	13.6	15.8	17.3	14.5	15.2	18.1	0.0	7.2
G126.0	9.3	11.5	12.9	15.1	17.3	12.3	16.7	16.7	0.0	12.2
G127.0	7.2	15.7	16.5	13.7	18.0	18.1	15.2	19.6	0.0	11.5
G128.0	11.4	15.0	13.6	19.4	22.4	18.8	14.5	20.3	0.0	12.2
G129.0	11.4	15.7	19.4	18.7	22.4	15.9	21.0	21.1	0.0	11.5
G130.0	12.9	15.7	16.5	18.7	21.6	17.4	15.2	20.3	7.9	12.2
G131.0	12.9	14.3	18.7	21.6	23.1	21.7	18.8	23.2	0.0	16.5
G132.0	15.0	19.3	19.4	19.4	21.6	18.1	21.0	19.6	12.1	11.5
G133.0	12.9	18.6	16.5	23.0	18.0	20.3	22.5	24.0	12.9	14.3
G134.0	15.0	18.6	17.9	20.2	25.2	23.2	22.5	24.7	13.6	13.6
G135.0	15.0	15.7	25.8	25.9	24.5	23.2	23.9	26.9	12.9	15.0
G136.0	19.3	23.6	23.7	25.9	23.1	23.9	21.7	26.9	17.9	17.2
G137.0	19.3	25.8	23.0	26.6	28.8	29.7	17.4	29.0	14.3	17.9
G138.0	20.0	23.6	24.4	30.2	29.6	28.9	26.8	27.6	13.6	21.5
G139.0	23.6	25.8	28.7	30.2	30.3	25.3	31.2	29.8	17.1	21.5
G140.0	23.6	26.5	29.4	28.8	34.6	30.4	31.9	16.7	21.4	19.3
G141.0	21.4	30.1	30.9	33.1	31.0	28.2	30.4	15.3	20.7	20.8
G142.0	22.9	30.1	30.2	33.1	33.9	25.3	33.3	29.8	22.9	25.1
G143.0	27.9	32.2	33.0	31.7	39.7	34.7	31.2	36.3	22.1	25.8
G144.0	16.4	30.1	33.7	33.8	38.2	36.2	31.9	36.3	28.6	25.1
G145.0	33.6	27.9	32.3	36.0	39.7	36.9	36.2	30.5	25.0	26.5
G146.0	33.6	34.4	37.3	34.6	36.8	31.8	39.1	31.9	27.1	31.5
G147.0	26.4	35.8	36.6	40.3	35.3	34.7	39.1	35.6	29.3	30.1

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 '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	32.9	42.9	38.0	43.2	43.3	39.1	40.6	38.5	29.3	28.6
G149.0	34.3	40.1	40.9	41.7	43.3	39.8	41.3	41.4	28.6	37.2
G150.0	35.0	33.6	34.5	44.6	44.0	30.4	32.6	42.8	30.7	34.4
G151.0	39.3	37.9	40.9	35.3	44.7	44.1	41.3	36.3	33.6	36.5
G152.0	37.9	42.2	42.4	43.9	44.7	43.4	44.2	45.7	30.0	37.2
G153.0	40.0	42.2	43.1	46.8	50.5	44.1	45.6	47.9	28.6	32.2
G154.0	42.9	39.4	43.1	31.0	41.8	45.6	43.5	37.0	33.6	36.5
G155.0	40.0	47.2	47.4	46.8	47.6	44.9	46.4	44.3	33.6	34.4
G156.0	34.3	46.5	46.7	45.3	47.6	48.5	47.8	48.7	36.4	30.1
G157.0	41.4	45.8	45.2	41.0	47.6	52.1	40.6	42.1	32.2	39.4
G158.0	42.9	46.5	45.9	48.2	50.5	49.2	40.6	37.0	35.7	40.1
G159.0	42.2	37.9	49.5	44.6	45.4	47.0	50.0	49.4	27.9	36.5
G160.0	43.6	45.1	43.1	51.1	41.1	49.9	39.1	45.0	39.3	38.7
G161.0	42.9	45.8	43.1	43.9	51.2	52.1	47.8	50.8	33.6	40.1
G162.0	39.3	45.1	46.7	51.8	49.8	50.6	49.3	50.1	25.7	44.4
G163.0	44.3	45.8	46.7	54.7	54.1	51.4	49.3	45.0	38.6	40.8
G164.0	45.0	42.9	50.3	45.3	49.8	48.5	53.6	55.2	32.2	39.4
G165.0	43.6	51.5	47.4	48.2	42.5	44.1	50.0	50.8	37.9	46.5
G166.0	48.6	51.5	48.8	58.3	55.5	52.8	48.5	41.4	30.0	47.2
G167.0	45.7	50.1	53.8	51.1	46.9	52.1	53.6	53.7	42.9	40.8
G168.0	46.5	40.1	42.4	56.1	55.5	49.9	43.5	49.4	31.4	49.4
G169.0	49.3	41.5	49.5	52.5	59.1	55.7	53.6	55.9	40.0	46.5
G170.0	48.6	55.1	51.7	55.4	49.0	55.7	55.1	55.9	41.4	52.3
G171.0	43.6	50.1	37.3	53.3	58.4	55.7	52.2	52.3	45.0	45.1
G172.0	49.3	50.8	55.3	45.3	56.2	55.0	49.3	53.7	42.2	45.1
G173.0	45.0	45.8	53.1	54.0	46.9	43.4	52.9	57.4	45.0	31.5
G174.0	47.9	51.5	52.4	47.5	50.5	55.0	50.7	55.9	35.0	37.2
G175.0	45.0	51.5	45.2	50.4	58.4	51.4	55.8	43.6	42.2	53.0
G176.0	38.6	50.8	51.7	55.4	47.6	41.2	50.7	55.2	45.0	49.4
G177.0	41.4	48.7	52.4	53.3	51.9	52.8	50.0	47.9	40.0	45.8
G178.0	35.0	41.5	49.5	53.3	51.9	51.4	53.6	41.4	42.9	47.2
G179.0	45.0	45.8	48.8	48.9	54.8	49.2	50.0	53.0	43.6	44.4
G180.0	47.9	52.3	50.3	54.0	44.7	48.5	55.1	49.4	31.4	48.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	19849.9	19849.9	19849.9	19849.9	19849.9	19849.9	19849.9			
G1.0	19839.1	19842.7	19840.5	19847.7	19843.4	19851.4	19843.5			
G2.0	19832.7	19832.6	19834.0	19844.8	19834.7	19836.1	19829.9			
G3.0	19825.5	19812.5	19825.4	19831.1	19823.8	19826.7	19814.9			
G4.0	19805.4	19795.9	19803.0	19809.4	19801.4	19808.5	19798.5			
G5.0	19783.9	19769.3	19785.7	19790.6	19778.2	19794.0	19774.9			
G6.0	19763.0	19760.7	19767.7	19766.7	19764.4	19778.8	19749.2			
G7.0	19750.8	19745.5	19751.8	19745.7	19753.6	19756.3	19728.4			
G8.0	19730.0	19739.8	19735.3	19743.5	19739.1	19741.0	19721.3			
G9.0	19723.6	19736.9	19729.5	19739.2	19735.5	19733.7	19707.0			
G10.0	19721.4	19738.3	19735.3	19745.0	19744.1	19732.3	19706.3			
G11.0	19735.0	19749.9	19754.0	19756.6	19754.3	19751.2	19710.6			
G12.0	19753.0	19776.5	19780.0	19787.0	19775.3	19766.4	19728.4			
G13.0	19781.0	19818.2	19818.2	19815.2	19800.7	19794.7	19761.3			
G14.0	19829.1	19869.3	19866.5	19866.5	19851.4	19835.4	19795.6			
G15.0	19880.8	19920.5	19920.6	19920.1	19899.2	19879.0	19843.5			
G16.0	19942.5	19981.6	19987.6	19980.1	19954.2	19937.0	19899.9			
G17.0	20003.5	20048.6	20056.1	20059.7	20017.2	19991.5	19952.1			
G18.0	20070.3	20115.5	20134.0	20130.6	20086.1	20053.9	20015.7			
G19.0	20145.7	20188.2	20199.6	20197.9	20146.2	20128.0	20074.3			
G20.0	20208.1	20250.1	20263.8	20260.9	20215.0	20178.8	20133.6			
G21.0	20280.7	20318.5	20335.2	20327.5	20275.1	20231.8	20200.8			
G22.0	20326.6	20374.6	20392.9	20391.8	20330.2	20278.3	20248.6			
G23.0	20365.4	20415.7	20439.0	20447.6	20381.6	20311.0	20283.7			
G24.0	20384.8	20427.2	20456.3	20466.4	20413.5	20333.5	20302.2			
G25.0	20371.1	20409.9	20450.6	20470.7	20414.2	20334.9	20312.9			
G26.0	20338.1	20352.3	20403.7	20442.5	20390.3	20322.6	20287.9			
G27.0	20251.9	20263.1	20315.0	20364.3	20339.6	20271.8	20230.8			
G28.0	20142.1	20137.1	20172.2	20245.0	20247.6	20205.7	20135.7			
G29.0	19979.1	19929.1	19968.2	20085.8	20096.9	20079.4	19994.3			
G30.0	19757.3	19713.1	19718.7	19872.3	19907.1	19905.8	19784.9			
G31.0	19440.7	19381.3	19410.8	19601.0	19630.4	19682.9	19539.1			
G32.0	19076.0	18991.2	19039.4	19274.0	19324.0	19393.9	19224.7			
G33.0	18618.7	18531.2	18591.7	18815.9	18945.1	19021.5	18843.1			
G34.0	18088.2	17997.9	18051.6	18297.9	18478.6	18564.1	18370.8			
G35.0	17467.2	17377.4	17354.3	17669.8	17912.1	17949.1	17818.4			
G36.0	16691.9	16595.7	16631.1	16976.0	17184.0	17295.6	17118.1			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	15890.7	15794.6	15838.0	16178.6	16408.9	16528.2	16385.0			
G38.0	14997.6	14914.3	14977.0	15221.3	15542.5	15666.3	15456.8			
G39.0	14012.0	13976.3	13971.9	14267.7	14578.3	14670.9	14602.1			
G40.0	12991.1	13026.2	13043.9	13273.5	13559.7	13576.7	13577.5			
G41.0	11942.3	11958.0	12123.1	12208.5	12512.2	12322.1	12539.2			
G42.0	10828.8	11017.3	11234.7	11165.1	11396.6	11203.2	11445.9			
G43.0	9894.1	10158.5	10416.4	10100.1	10441.8	10209.2	10514.8			
G44.0	9105.1	9309.9	9568.4	9268.0	9559.5	9238.5	9633.1			
G45.0	8387.9	8630.4	8830.8	8563.2	8708.3	8482.6	8818.5			
G46.0	7775.6	7955.2	8176.0	7893.2	7991.8	7834.3	8126.0			
G47.0	7209.9	7336.2	7548.7	7287.6	7329.7	7249.0	7528.7			
G48.0	6688.7	6797.8	6946.6	6711.7	6730.6	6703.0	6927.0			
G49.0	6191.2	6266.6	6330.1	6249.3	6183.7	6175.2	6426.1			
G50.0	5708.0	5814.5	5834.1	5826.0	5654.8	5734.5	5936.6			
G51.0	5304.6	5386.3	5377.6	5425.9	5216.6	5315.5	5461.4			
G52.0	4935.6	4991.1	4965.2	5010.6	4818.9	4927.8	5078.4			
G53.0	4584.5	4611.8	4546.3	4642.3	4447.2	4551.7	4673.3			
G54.0	4247.8	4230.3	4192.9	4305.1	4108.9	4205.4	4339.6			
G55.0	3916.1	3912.1	3874.9	3997.6	3771.3	3864.8	3998.7			
G56.0	3624.7	3614.8	3580.0	3659.0	3473.6	3574.4	3689.3			
G57.0	3342.5	3334.8	3279.4	3383.3	3211.4	3300.7	3390.6			
G58.0	3091.3	3066.3	3025.5	3118.5	2961.4	3038.6	3115.5			
G59.0	2824.9	2794.3	2784.0	2874.7	2728.9	2778.7	2866.8			
G60.0	2594.5	2561.8	2559.0	2637.3	2483.3	2554.3	2623.9			
G61.0	2374.8	2345.8	2350.6	2402.9	2283.4	2346.6	2407.4			
G62.0	2170.2	2124.9	2130.0	2204.7	2091.4	2139.0	2195.9			
G63.0	1956.3	1934.8	1952.6	2008.6	1897.3	1930.6	1988.6			
G64.0	1775.4	1754.9	1773.1	1825.5	1722.0	1751.3	1804.3			
G65.0	1618.1	1590.0	1609.4	1646.1	1565.5	1585.7	1633.5			
G66.0	1467.4	1446.1	1457.3	1492.0	1426.4	1438.3	1479.9			
G67.0	1337.5	1315.1	1321.7	1363.9	1301.1	1304.7	1334.8			
G68.0	1207.5	1187.0	1201.3	1246.7	1169.9	1182.8	1208.3			
G69.0	1099.8	1084.0	1085.9	1125.1	1069.2	1073.1	1089.0			
G70.0	1005.1	990.4	1001.5	1022.4	973.6	975.8	990.4			
G71.0	916.8	894.7	904.9	930.5	881.6	891.6	901.1			
G72.0	824.9	811.9	825.6	841.5	806.3	806.7	823.9			
G73.0	740.2	734.9	749.2	769.9	731.7	736.2	742.4			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	667.7	659.3	668.4	683.8	659.9	665.1	670.3			
G75.0	603.0	588.8	599.9	615.7	596.9	591.7	601.0			
G76.0	539.9	534.8	534.3	551.3	539.0	529.3	535.2			
G77.0	468.1	470.8	473.0	481.2	471.6	469.8	478.8			
G78.0	409.9	411.7	413.2	419.7	410.0	416.8	425.9			
G79.0	370.4	367.1	359.8	368.3	362.2	369.6	380.9			
G80.0	330.9	325.3	312.9	319.8	323.1	318.0	326.6			
G81.0	282.1	285.0	273.3	272.8	274.6	279.5	285.1			
G82.0	233.3	241.8	234.3	223.6	238.3	240.3	245.1			
G83.0	194.6	196.5	189.6	191.0	199.2	203.3	201.5			
G84.0	154.3	149.0	147.1	148.3	160.8	154.6	162.9			
G85.0	112.7	110.1	108.9	112.2	118.8	122.7	121.5			
G86.0	71.1	79.2	82.2	79.6	74.6	85.7	88.6			
G87.0	45.2	51.1	46.1	53.5	39.8	53.7	52.2			
G88.0	19.4	16.6	15.9	22.4	26.1	25.4	31.4			
G89.0	8.6	8.6	10.1	13.0	15.9	14.5	0.0			
G90.0	9.3	11.5	10.1	12.3	10.1	13.8	0.0			
G91.0	0.0	0.0	10.1	12.3	10.1	7.3	0.0			
G92.0	10.8	8.6	7.2	10.9	10.1	11.6	0.0			
G93.0	0.0	0.0	0.0	11.6	7.2	10.2	0.0			
G94.0	9.3	0.0	7.9	8.7	10.9	0.0	7.2			
G95.0	0.0	10.8	10.1	10.9	8.7	10.9	0.0			
G96.0	0.0	7.2	7.9	10.1	13.0	10.9	0.0			
G97.0	0.0	7.9	10.8	10.9	11.6	8.7	0.0			
G98.0	7.9	7.2	10.8	12.3	12.3	8.7	0.0			
G99.0	7.9	10.1	7.9	9.4	9.4	8.7	0.0			
G100.0	0.0	9.4	9.4	9.4	11.6	12.3	0.0			
G101.0	0.0	10.1	8.6	8.0	9.4	8.7	0.0			
G102.0	0.0	7.9	7.2	11.6	8.7	10.2	0.0			
G103.0	7.9	10.8	10.1	9.4	9.4	8.7	0.0			
G104.0	0.0	8.6	7.2	10.9	7.2	12.3	0.0			
G105.0	9.3	10.1	12.3	8.0	8.7	10.2	0.0			
G106.0	9.3	9.4	0.0	11.6	10.1	9.4	0.0			
G107.0	7.2	7.9	10.1	10.1	9.4	8.0	0.0			
G108.0	8.6	7.9	7.9	9.4	10.9	9.4	0.0			
G109.0	7.2	10.8	10.8	12.3	8.0	10.9	0.0			
G110.0	0.0	0.0	8.6	11.6	12.3	10.2	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 '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	0.0	0.0	10.8	8.0	9.4	9.4	0.0			
G112.0	0.0	0.0	10.1	13.0	14.5	14.5	0.0			
G113.0	7.9	7.2	10.8	11.6	10.9	12.3	0.0			
G114.0	0.0	7.2	9.4	11.6	13.0	12.3	0.0			
G115.0	9.3	11.5	7.2	11.6	10.1	10.9	0.0			
G116.0	8.6	8.6	10.8	8.0	10.9	10.9	0.0			
G117.0	8.6	12.2	7.9	10.1	15.2	9.4	0.0			
G118.0	9.3	13.0	10.8	11.6	13.8	11.6	0.0			
G119.0	10.8	9.4	9.4	10.9	11.6	13.8	0.0			
G120.0	7.2	8.6	8.6	12.3	15.2	15.3	0.0			
G121.0	10.0	7.2	15.1	13.8	13.8	13.1	0.0			
G122.0	8.6	0.0	12.3	12.3	14.5	13.8	0.0			
G123.0	9.3	7.2	11.5	11.6	10.1	12.3	0.0			
G124.0	11.5	12.2	15.1	14.5	15.2	11.6	8.6			
G125.0	12.2	13.0	13.0	14.5	18.1	14.5	0.0			
G126.0	10.0	17.3	0.0	13.8	14.5	17.4	9.3			
G127.0	9.3	15.1	15.1	15.2	18.1	13.8	7.2			
G128.0	14.4	15.8	15.1	14.5	17.4	16.7	11.4			
G129.0	17.2	16.6	20.9	17.4	19.6	15.3	11.4			
G130.0	15.1	20.2	19.5	19.5	15.9	20.3	12.9			
G131.0	15.8	18.7	17.3	18.1	18.1	19.6	12.9			
G132.0	18.7	21.6	22.4	16.6	21.7	21.1	15.0			
G133.0	20.1	20.9	20.2	23.9	23.9	18.1	12.9			
G134.0	20.1	19.4	24.5	23.2	23.9	21.1	15.0			
G135.0	20.8	23.0	23.8	26.0	26.1	24.7	15.0			
G136.0	20.1	24.5	23.1	25.3	26.8	24.7	19.3			
G137.0	18.7	24.5	23.8	30.4	26.1	24.0	19.3			
G138.0	25.8	28.8	28.1	23.2	29.0	25.4	20.0			
G139.0	27.3	26.6	29.6	28.2	29.7	24.0	23.6			
G140.0	26.6	29.5	33.2	29.7	32.6	31.2	23.6			
G141.0	30.2	31.0	29.6	33.3	34.0	31.2	21.4			
G142.0	28.0	31.0	31.0	33.3	34.0	30.5	22.9			
G143.0	30.2	33.8	34.6	28.2	33.3	33.4	27.9			
G144.0	34.5	36.0	34.6	34.7	35.5	33.4	16.4			
G145.0	32.3	36.0	37.5	38.3	36.9	37.8	33.6			
G146.0	33.7	39.6	30.3	36.2	39.1	35.6	33.6			
G147.0	38.0	37.4	40.4	34.0	32.6	37.0	26.4			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 '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	38.0	38.1	36.8	39.8	38.4	42.1	32.9			
G149.0	38.8	38.1	41.8	39.8	44.2	43.6	34.3			
G150.0	33.0	42.5	44.0	41.2	38.4	42.8	35.0			
G151.0	39.5	41.7	41.8	41.2	41.3	39.2	39.3			
G152.0	40.9	41.0	45.4	39.8	39.8	46.5	37.9			
G153.0	42.4	43.9	43.3	43.4	47.8	45.7	40.0			
G154.0	41.6	46.1	42.5	38.3	44.2	46.5	42.9			
G155.0	45.2	44.6	44.7	44.1	38.4	40.7	40.0			
G156.0	39.5	48.2	36.8	36.9	45.6	47.2	34.3			
G157.0	45.2	39.6	46.9	44.9	47.1	47.9	41.4			
G158.0	43.8	43.2	47.6	42.7	42.7	45.0	42.9			
G159.0	45.9	45.3	49.0	52.1	43.5	47.2	42.2			
G160.0	43.8	46.1	52.6	44.1	52.2	40.7	43.6			
G161.0	51.0	51.8	50.5	45.6	53.6	50.1	42.9			
G162.0	48.1	51.8	54.1	46.3	47.8	53.0	39.3			
G163.0	48.8	43.2	45.4	44.9	53.6	49.4	44.3			
G164.0	51.7	51.1	54.8	45.6	58.0	53.0	45.0			
G165.0	50.3	36.7	48.3	50.6	45.6	52.3	43.6			
G166.0	51.7	53.3	51.9	52.8	54.3	55.2	48.6			
G167.0	44.5	49.7	49.8	52.1	52.9	50.8	45.7			
G168.0	51.0	33.1	53.4	55.7	55.1	48.7	46.5			
G169.0	52.4	54.7	59.8	59.3	56.5	40.7	49.3			
G170.0	54.6	49.7	56.2	55.7	51.4	55.9	48.6			
G171.0	53.8	54.0	53.4	55.0	55.8	55.9	43.6			
G172.0	53.8	48.9	51.2	59.3	58.7	58.1	49.3			
G173.0	45.2	54.0	54.1	55.0	55.1	50.1	45.0			
G174.0	48.1	55.4	52.6	56.4	59.4	51.5	47.9			
G175.0	53.1	56.9	53.4	53.5	42.7	56.6	45.0			
G176.0	45.9	53.3	56.2	53.5	51.4	56.6	38.6			
G177.0	50.3	52.5	52.6	49.2	51.4	49.4	41.4			
G178.0	43.8	50.4	53.4	52.1	50.0	51.5	35.0			
G179.0	48.8	38.1	49.8	57.2	45.6	49.4	45.0			
G180.0	52.4	50.4	54.1	44.9	48.5	55.2	47.9			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector: