

Report No.:

Test Time: 2021-10-13 15:15

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.721 A

Power Factor: 0.947

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 189.08 W

Photometric Results

CIE Class: Direct

Measurement Flux: 27990.2 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.8, 126.4, 125.6, 125.8

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 89.1, 88.8, 88.8, 89.0

Luminaire Efficacy Rating (LER): 148.08

Max. Intensity: 13752.38 cd

S/MH(C0/C180): 1.36

Total Rated Lamp Lumens: 27990.2 lm

Efficiency: 100%

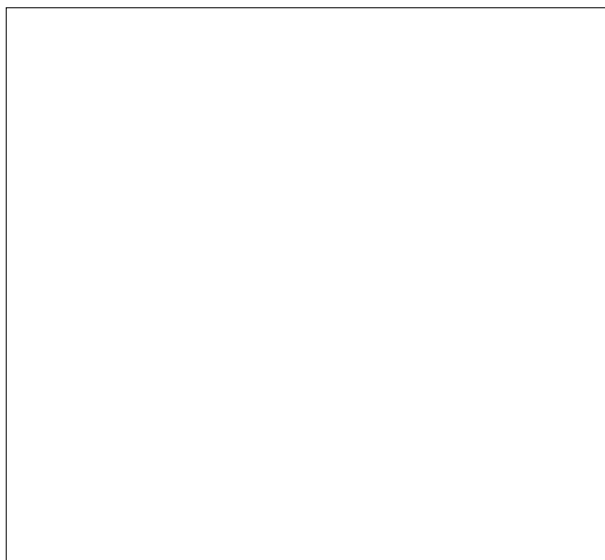
Upward Ratio: 0%

C0r0 Intensity: 13718.26 cd

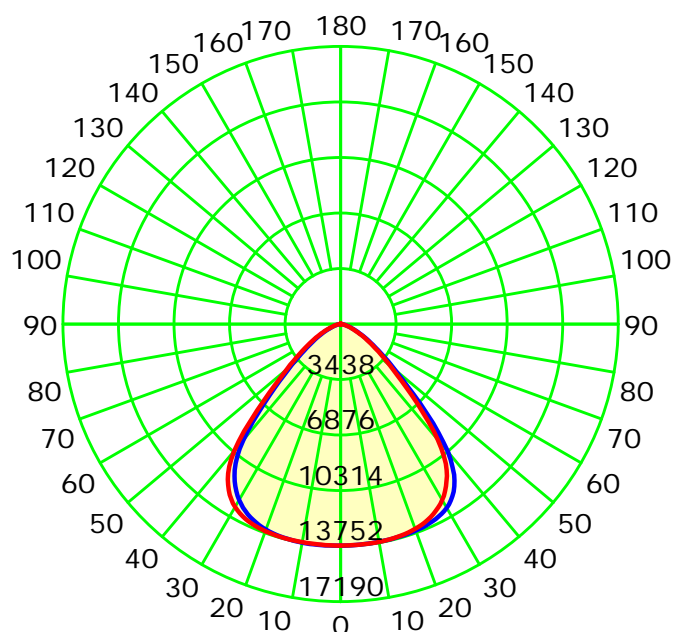
Pos of Max. Intensity: H225 V8

S/MH(C90/C270): 1.35

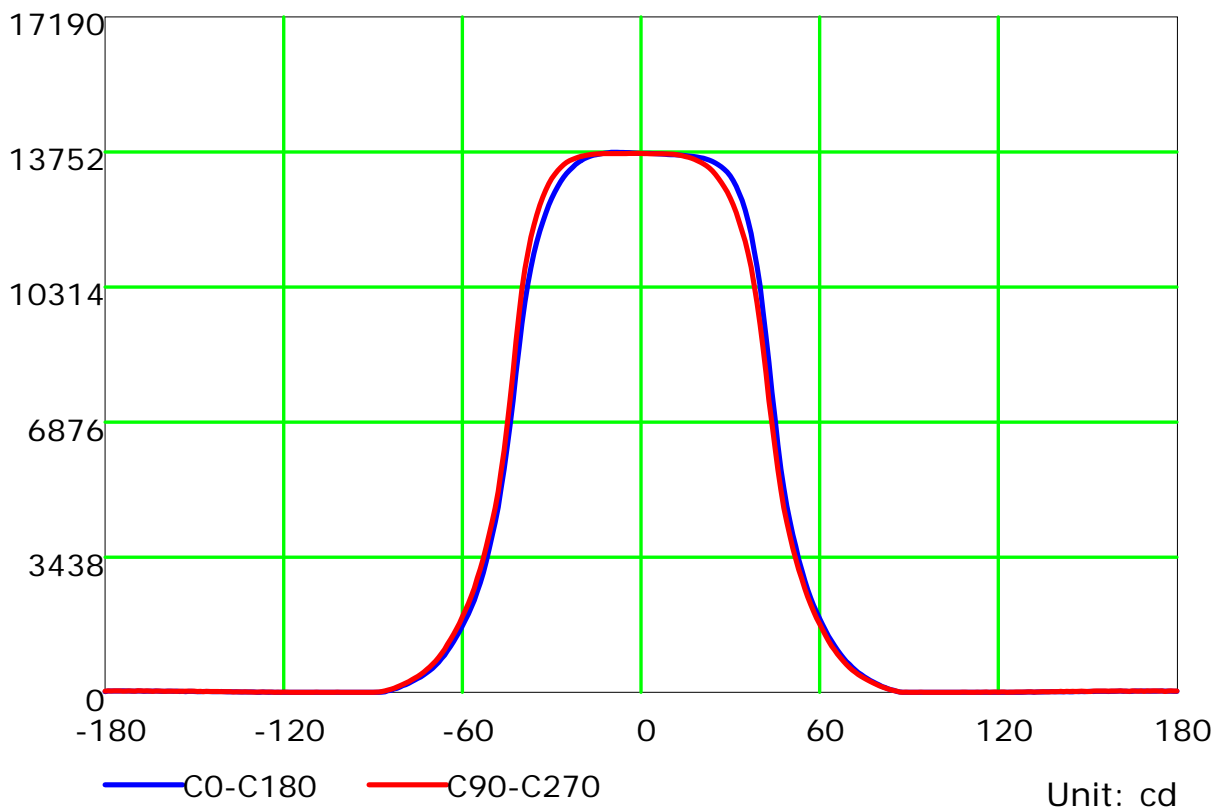
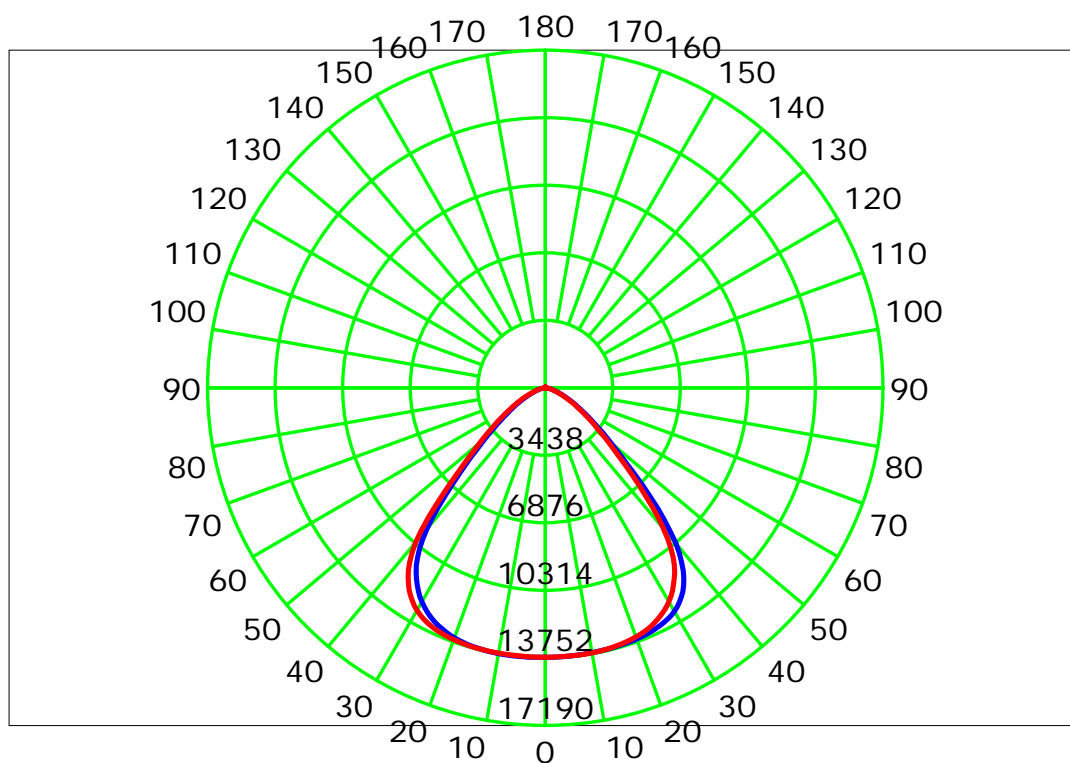
Picture Of Luminaire



Luminous Intensity Distribution Curve



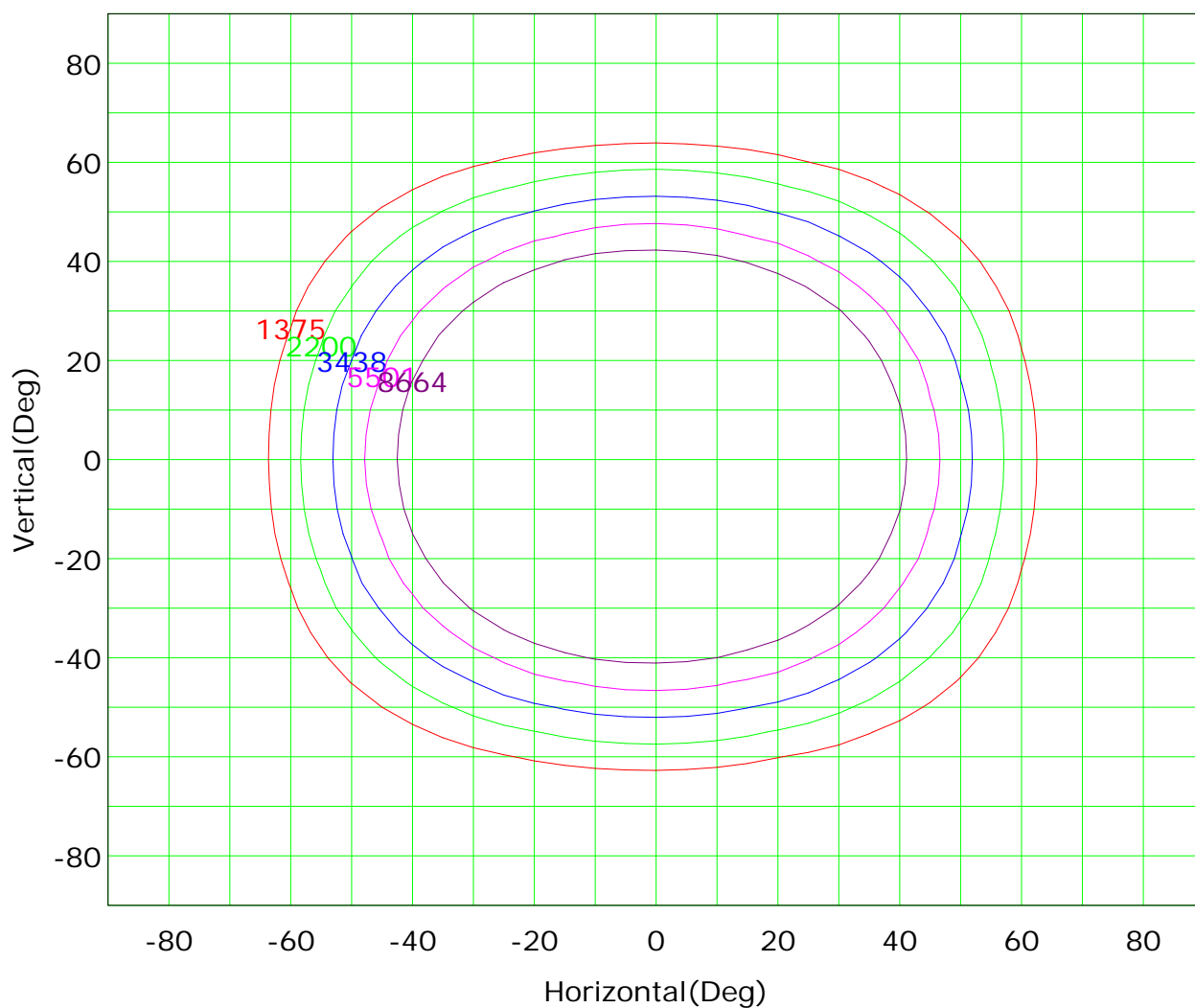
Luminous Intensity Distribution Curve



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)



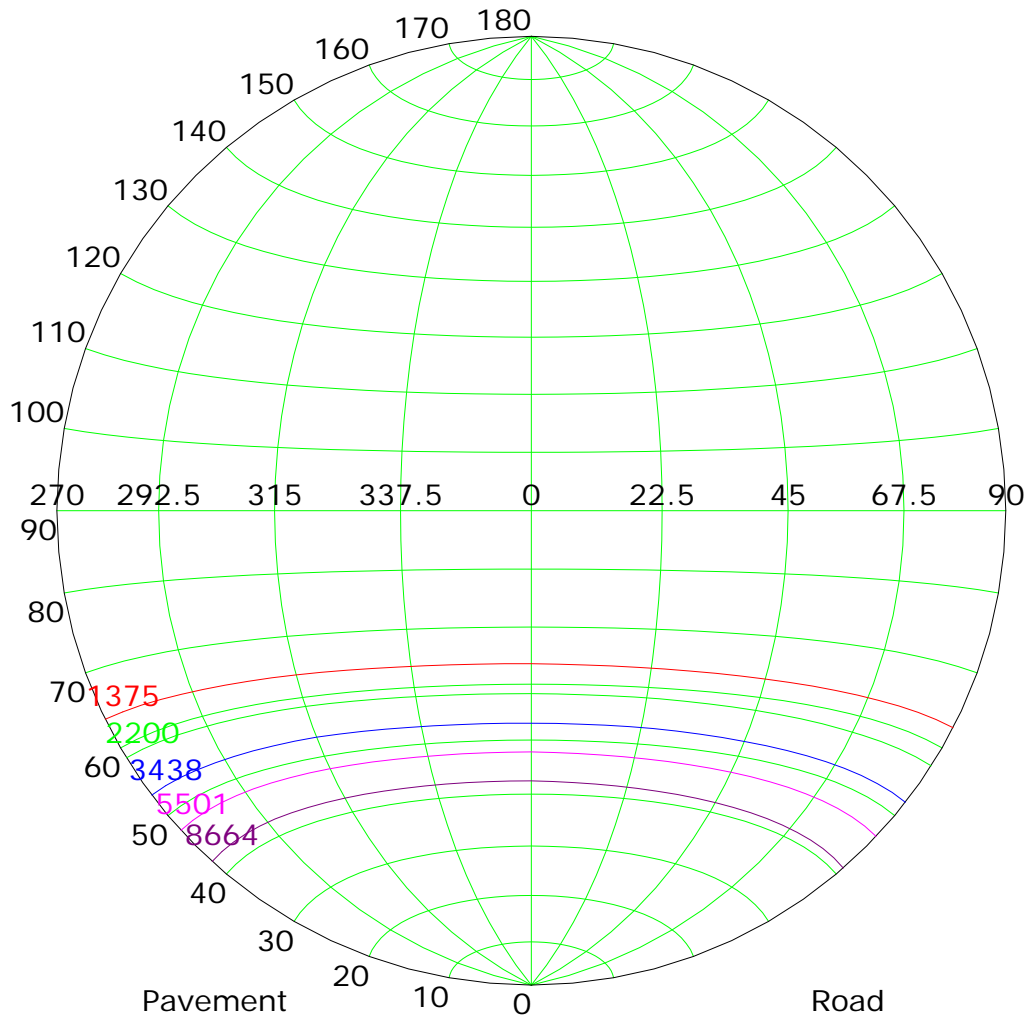
Imax (100%): 13752 cd

(10%): 1375 cd	(16%): 2200 cd
(25%): 3438 cd	(40%): 5501 cd
(63%): 8664 cd	(100%): 13752 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)



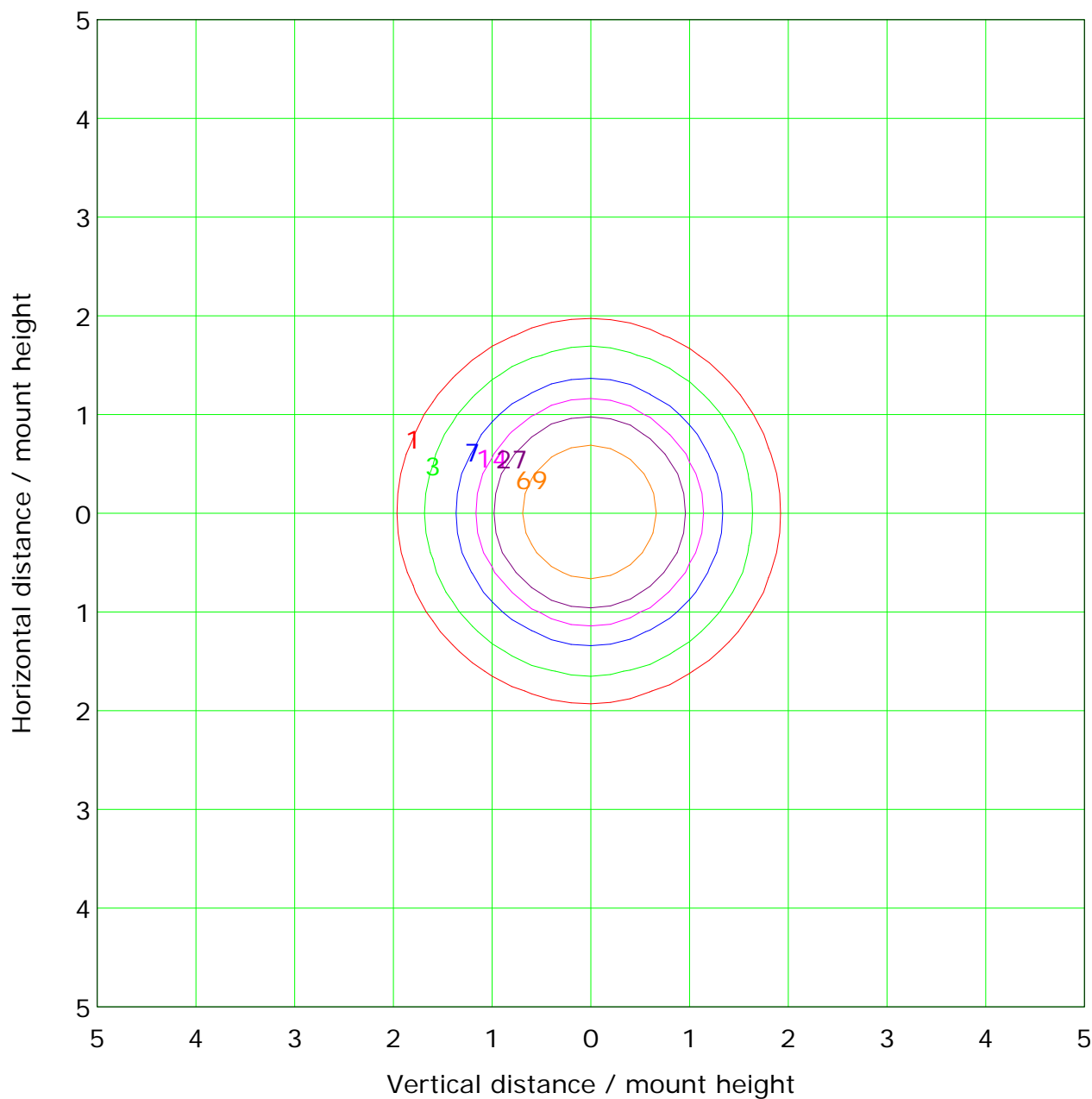
Imax (100%): 13752 cd

(10%): 1375 cd	(16%): 2200 cd
(25%): 3438 cd	(40%): 5501 cd
(63%): 8664 cd	(100%): 13752 cd

C Plane (°):0.0-360.0: 22.5
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Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

IsoLux Plot

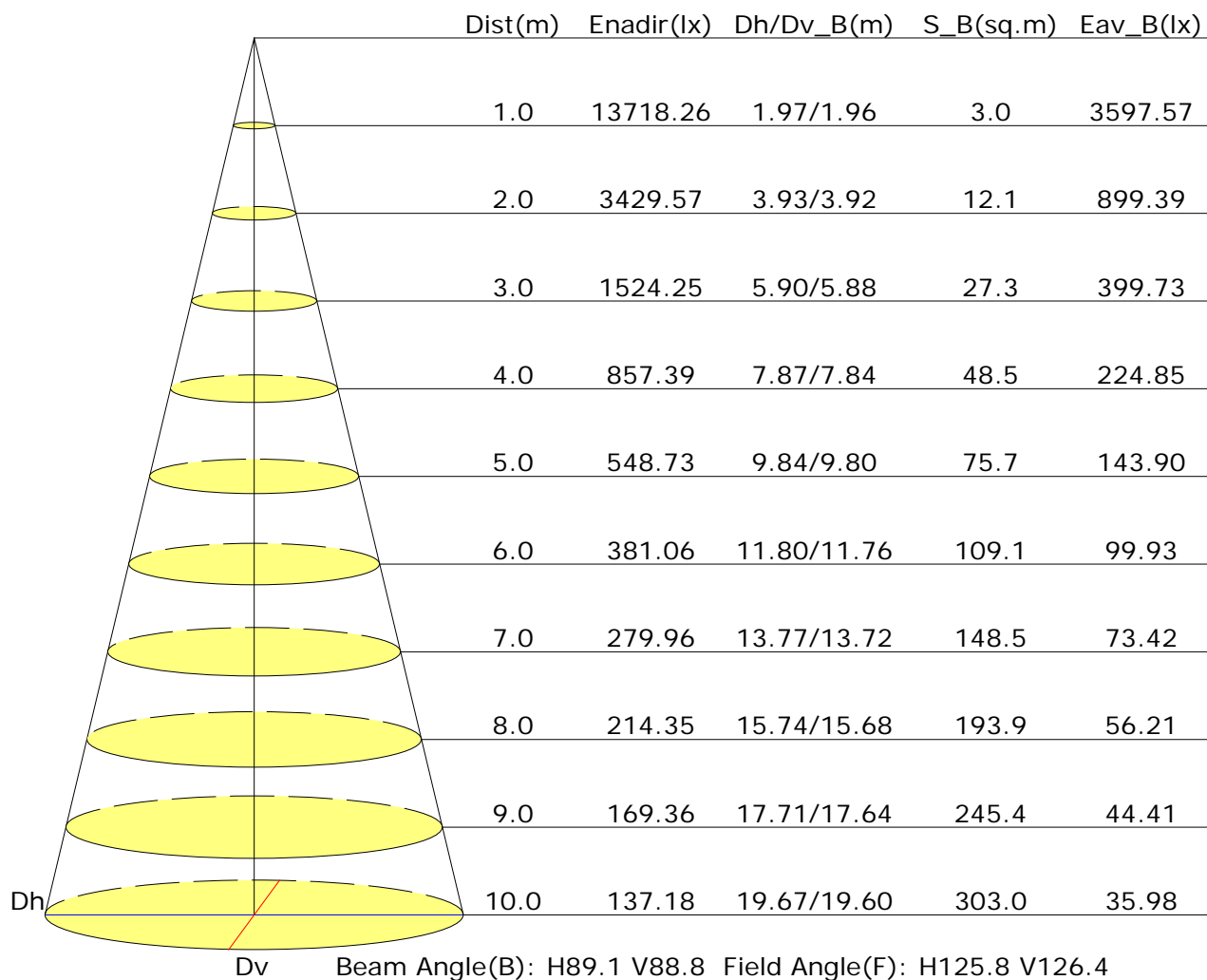


Mounting Height: 10.0m		Max Lux(100%): 137.2 lx	
— (1%):	1.4 lx	— (2%):	2.7 lx
— (5%):	6.9 lx	— (10%):	13.7 lx
— (20%):	27.4 lx	— (50%):	68.6 lx
— (100%):	137.2 lx		

C Plane (°):0.0-360.0: 22.5
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Operator:

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

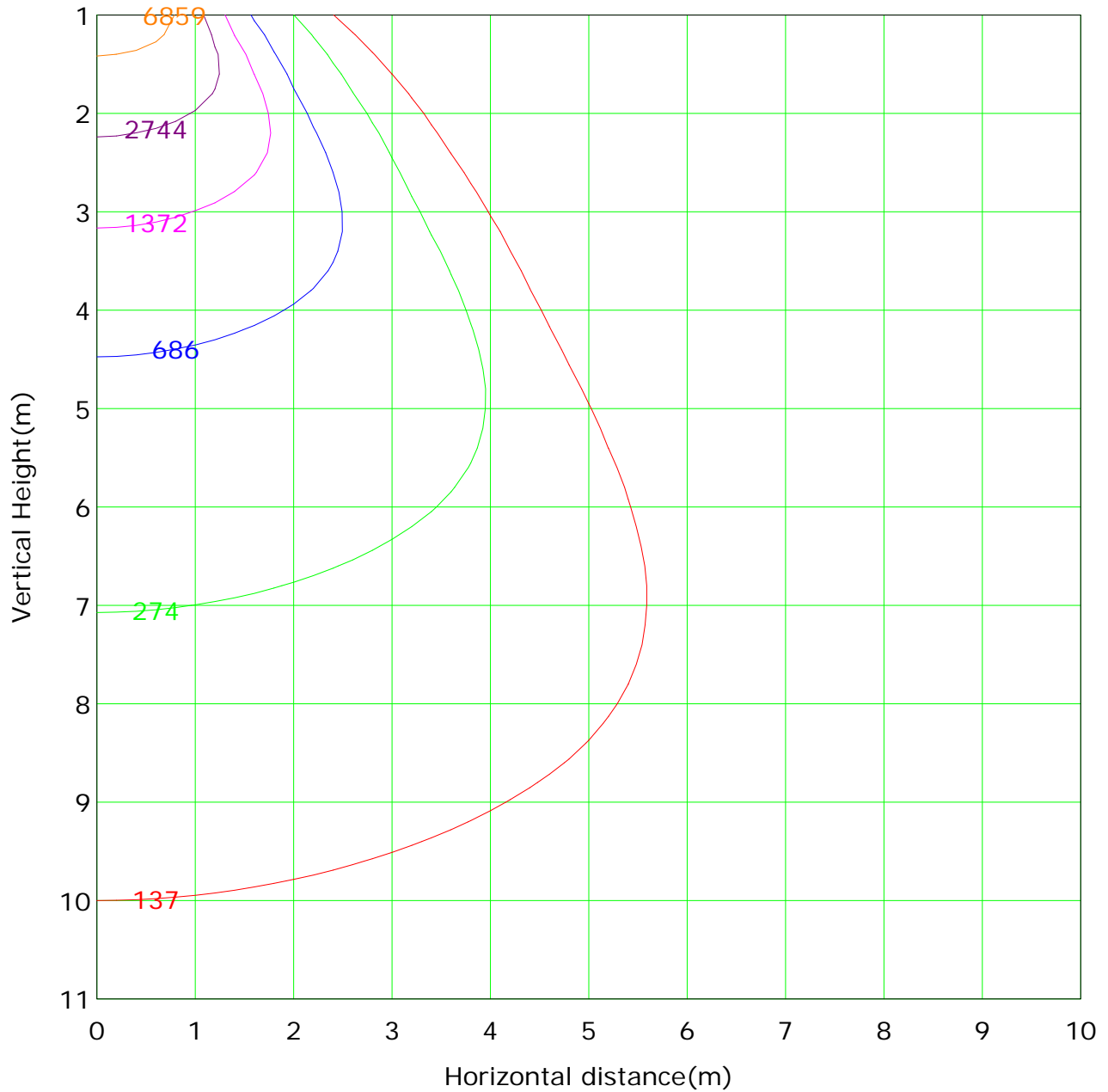
Illuminance at a Distance



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

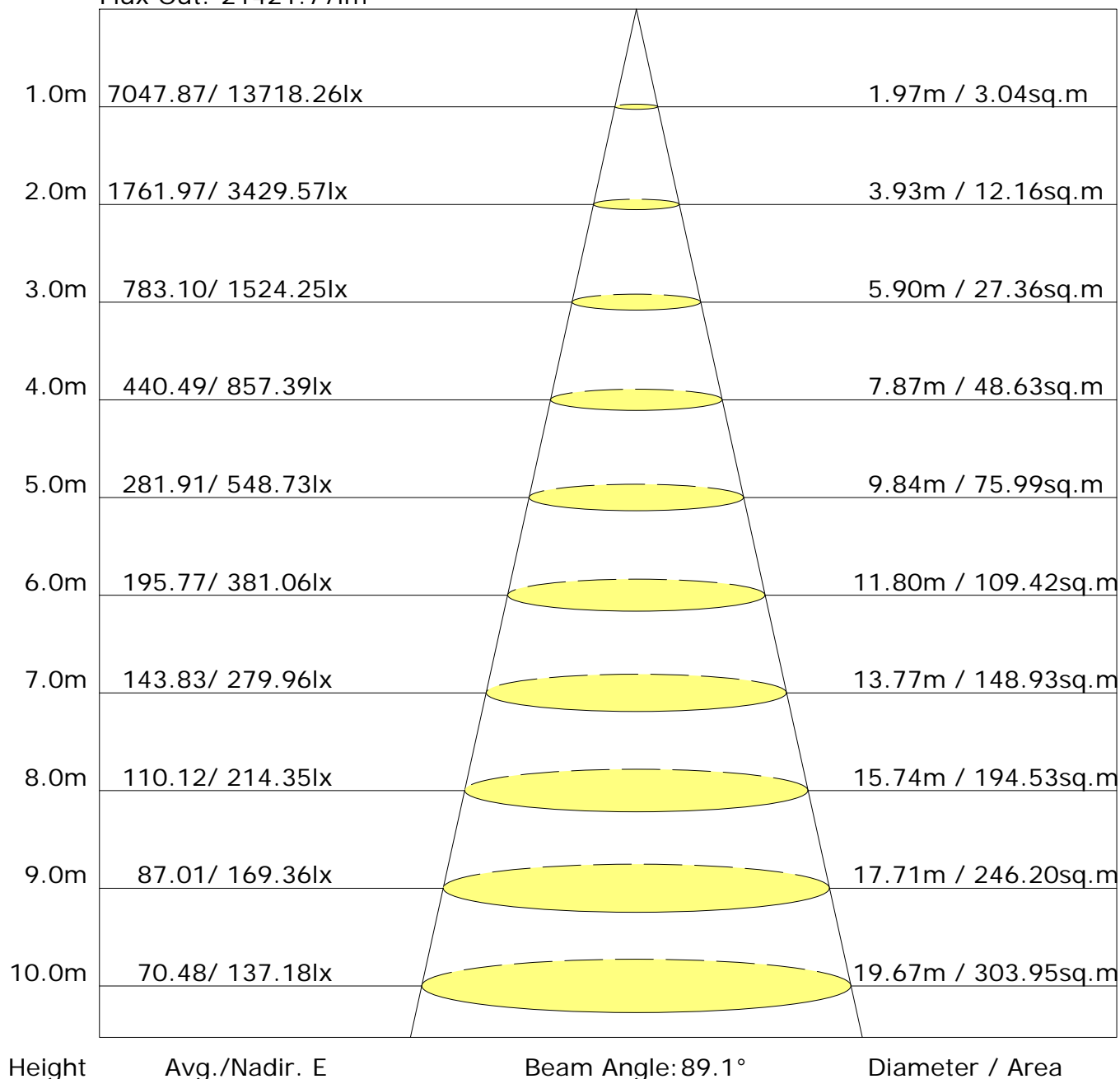


Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 13718.3 lx

(1%): 137.2 lx	(2%): 274.4 lx
(5%): 685.9 lx	(10%): 1371.8 lx
(20%): 2743.7 lx	(50%): 6859.1 lx
(100%): 13718.3 lx	

The Average Illuminance Effective Figure

Flux Out: 21421.77lm



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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	13718.5	13.1	13.1	0.05	0.05
1.0-2.0	13719.2	39.4	52.5	0.14	0.19
2.0-3.0	13719.6	65.6	118.1	0.23	0.42
3.0-4.0	13719.9	91.8	210.0	0.33	0.75
4.0-5.0	13720.3	118.0	328.0	0.42	1.17
5.0-6.0	13720.4	144.2	472.2	0.52	1.69
6.0-7.0	13720.9	170.3	642.6	0.61	2.30
7.0-8.0	13721.0	196.4	839.0	0.70	3.00
8.0-9.0	13720.1	222.4	1061.4	0.79	3.79
9.0-10.0	13718.3	248.3	1309.6	0.89	4.68
10.0-11.0	13714.3	274.1	1583.7	0.98	5.66
11.0-12.0	13708.7	299.7	1883.4	1.07	6.73
12.0-13.0	13701.8	325.2	2208.6	1.16	7.89
13.0-14.0	13692.9	350.5	2559.2	1.25	9.14
14.0-15.0	13682.6	375.7	2934.9	1.34	10.49
15.0-16.0	13670.7	400.6	3335.5	1.43	11.92
16.0-17.0	13656.8	425.3	3760.8	1.52	13.44
17.0-18.0	13640.1	449.8	4210.6	1.61	15.04
18.0-19.0	13620.1	473.9	4684.6	1.69	16.74
19.0-20.0	13595.7	497.7	5182.2	1.78	18.51
20.0-21.0	13566.6	521.0	5703.2	1.86	20.38
21.0-22.0	13532.7	543.9	6247.1	1.94	22.32
22.0-23.0	13491.3	566.2	6813.3	2.02	24.34
23.0-24.0	13441.9	587.8	7401.1	2.10	26.44
24.0-25.0	13384.1	608.7	8009.7	2.17	28.62
25.0-26.0	13316.1	628.7	8638.4	2.25	30.86
26.0-27.0	13237.5	647.7	9286.1	2.31	33.18
27.0-28.0	13148.2	665.8	9951.9	2.38	35.55
28.0-29.0	13045.8	682.6	10634.5	2.44	37.99
29.0-30.0	12925.1	698.0	11332.4	2.49	40.49
30.0-31.0	12786.0	711.6	12044.1	2.54	43.03
31.0-32.0	12624.2	723.3	12767.4	2.58	45.61
32.0-33.0	12435.9	732.7	13500.2	2.62	48.23
33.0-34.0	12222.6	739.8	14239.9	2.64	50.87
34.0-35.0	11982.2	744.2	14984.2	2.66	53.53
35.0-36.0	11708.1	745.6	15729.8	2.66	56.20

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	11392.5	743.1	16472.9	2.65	58.85
37.0-38.0	11028.7	736.2	17209.1	2.63	61.48
38.0-39.0	10604.7	723.9	17933.1	2.59	64.07
39.0-40.0	10105.6	704.9	18638.0	2.52	66.59
40.0-41.0	9528.3	678.6	19316.6	2.42	69.01
41.0-42.0	8884.6	645.6	19962.1	2.31	71.32
42.0-43.0	8207.8	608.1	20570.2	2.17	73.49
43.0-44.0	7527.2	568.2	21138.4	2.03	75.52
44.0-45.0	6862.5	527.5	21665.9	1.88	77.41
45.0-46.0	6238.5	487.9	22153.8	1.74	79.15
46.0-47.0	5674.6	451.4	22605.2	1.61	80.76
47.0-48.0	5178.9	418.7	23023.9	1.50	82.26
48.0-49.0	4740.5	389.3	23413.3	1.39	83.65
49.0-50.0	4352.4	362.9	23776.2	1.30	84.94
50.0-51.0	4005.0	338.9	24115.1	1.21	86.16
51.0-52.0	3686.3	316.4	24431.5	1.13	87.29
52.0-53.0	3393.3	295.2	24726.7	1.05	88.34
53.0-54.0	3125.7	275.5	25002.2	0.98	89.32
54.0-55.0	2876.4	256.8	25259.0	0.92	90.24
55.0-56.0	2644.2	239.0	25498.0	0.85	91.10
56.0-57.0	2429.8	222.2	25720.2	0.79	91.89
57.0-58.0	2230.1	206.3	25926.4	0.74	92.63
58.0-59.0	2046.2	191.3	26117.8	0.68	93.31
59.0-60.0	1874.8	177.1	26294.9	0.63	93.94
60.0-61.0	1715.8	163.8	26458.7	0.59	94.53
61.0-62.0	1568.1	151.1	26609.8	0.54	95.07
62.0-63.0	1431.7	139.3	26749.0	0.50	95.57
63.0-64.0	1304.6	128.0	26877.1	0.46	96.02
64.0-65.0	1186.1	117.4	26994.5	0.42	96.44
65.0-66.0	1077.0	107.5	27101.9	0.38	96.83
66.0-67.0	975.7	98.1	27200.1	0.35	97.18
67.0-68.0	881.2	89.3	27289.3	0.32	97.50
68.0-69.0	793.8	81.0	27370.3	0.29	97.79
69.0-70.0	713.7	73.3	27443.6	0.26	98.05
70.0-71.0	639.9	66.1	27509.8	0.24	98.28
71.0-72.0	573.5	59.6	27569.4	0.21	98.50

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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	513.4	53.7	27623.1	0.19	98.69
73.0-74.0	457.4	48.1	27671.2	0.17	98.86
74.0-75.0	406.5	43.0	27714.2	0.15	99.01
75.0-76.0	361.1	38.3	27752.5	0.14	99.15
76.0-77.0	318.9	34.0	27786.5	0.12	99.27
77.0-78.0	278.2	29.8	27816.3	0.11	99.38
78.0-79.0	240.0	25.8	27842.1	0.09	99.47
79.0-80.0	204.2	22.0	27864.1	0.08	99.55
80.0-81.0	169.8	18.4	27882.5	0.07	99.61
81.0-82.0	137.8	14.9	27897.4	0.05	99.67
82.0-83.0	109.0	11.9	27909.3	0.04	99.71
83.0-84.0	81.6	8.9	27918.1	0.03	99.74
84.0-85.0	56.9	6.2	27924.3	0.02	99.76
85.0-86.0	36.7	4.0	27928.4	0.01	99.78
86.0-87.0	20.9	2.3	27930.6	0.01	99.79
87.0-88.0	8.7	0.9	27931.6	0.00	99.79
88.0-89.0	2.7	0.3	27931.9	0.00	99.79
89.0-90.0	1.6	0.2	27932.1	0.00	99.79
90.0-91.0	0.9	0.1	27932.2	0.00	99.79
91.0-92.0	0.7	0.1	27932.3	0.00	99.79
92.0-93.0	0.5	0.1	27932.3	0.00	99.79
93.0-94.0	0.7	0.1	27932.4	0.00	99.79
94.0-95.0	0.7	0.1	27932.5	0.00	99.79
95.0-96.0	0.2	0.0	27932.5	0.00	99.79
96.0-97.0	0.2	0.0	27932.5	0.00	99.79
97.0-98.0	0.6	0.1	27932.6	0.00	99.79
98.0-99.0	0.8	0.1	27932.7	0.00	99.79
99.0-100.0	0.7	0.1	27932.7	0.00	99.79
100.0-101.0	0.5	0.0	27932.8	0.00	99.79
101.0-102.0	0.4	0.0	27932.8	0.00	99.79
102.0-103.0	0.2	0.0	27932.9	0.00	99.79
103.0-104.0	0.0	0.0	27932.9	0.00	99.79
104.0-105.0	0.0	0.0	27932.9	0.00	99.79
105.0-106.0	0.0	0.0	27932.9	0.00	99.79
106.0-107.0	0.2	0.0	27932.9	0.00	99.80
107.0-108.0	1.0	0.1	27933.0	0.00	99.80

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	1.7	0.2	27933.2	0.00	99.80
109.0-110.0	1.7	0.2	27933.3	0.00	99.80
110.0-111.0	1.0	0.1	27933.4	0.00	99.80
111.0-112.0	0.6	0.1	27933.5	0.00	99.80
112.0-113.0	0.8	0.1	27933.6	0.00	99.80
113.0-114.0	1.0	0.1	27933.7	0.00	99.80
114.0-115.0	0.7	0.1	27933.8	0.00	99.80
115.0-116.0	0.9	0.1	27933.8	0.00	99.80
116.0-117.0	1.0	0.1	27933.9	0.00	99.80
117.0-118.0	1.2	0.1	27934.1	0.00	99.80
118.0-119.0	2.7	0.3	27934.3	0.00	99.80
119.0-120.0	3.5	0.3	27934.6	0.00	99.80
120.0-121.0	2.9	0.3	27934.9	0.00	99.80
121.0-122.0	3.3	0.3	27935.2	0.00	99.80
122.0-123.0	3.9	0.4	27935.6	0.00	99.80
123.0-124.0	4.8	0.4	27936.0	0.00	99.81
124.0-125.0	5.2	0.5	27936.5	0.00	99.81
125.0-126.0	5.6	0.5	27937.0	0.00	99.81
126.0-127.0	7.5	0.7	27937.7	0.00	99.81
127.0-128.0	8.7	0.8	27938.4	0.00	99.81
128.0-129.0	8.6	0.7	27939.2	0.00	99.82
129.0-130.0	9.3	0.8	27939.9	0.00	99.82
130.0-131.0	10.7	0.9	27940.8	0.00	99.82
131.0-132.0	11.1	0.9	27941.7	0.00	99.83
132.0-133.0	11.5	0.9	27942.7	0.00	99.83
133.0-134.0	12.2	1.0	27943.7	0.00	99.83
134.0-135.0	12.9	1.0	27944.7	0.00	99.84
135.0-136.0	14.3	1.1	27945.8	0.00	99.84
136.0-137.0	15.3	1.2	27946.9	0.00	99.85
137.0-138.0	16.1	1.2	27948.1	0.00	99.85
138.0-139.0	16.8	1.2	27949.3	0.00	99.85
139.0-140.0	17.4	1.2	27950.6	0.00	99.86
140.0-141.0	19.0	1.3	27951.9	0.00	99.86
141.0-142.0	19.8	1.4	27953.2	0.00	99.87
142.0-143.0	19.6	1.3	27954.6	0.00	99.87
143.0-144.0	20.0	1.3	27955.9	0.00	99.88

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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	21.4	1.4	27957.2	0.00	99.88
145.0-146.0	23.1	1.4	27958.7	0.01	99.89
146.0-147.0	23.8	1.4	27960.1	0.01	99.89
147.0-148.0	24.4	1.4	27961.5	0.01	99.90
148.0-149.0	24.7	1.4	27963.0	0.01	99.90
149.0-150.0	25.3	1.4	27964.4	0.01	99.91
150.0-151.0	26.6	1.4	27965.8	0.01	99.91
151.0-152.0	26.8	1.4	27967.2	0.01	99.92
152.0-153.0	27.6	1.4	27968.6	0.00	99.92
153.0-154.0	28.5	1.4	27970.0	0.00	99.93
154.0-155.0	28.8	1.4	27971.3	0.00	99.93
155.0-156.0	29.1	1.3	27972.7	0.00	99.94
156.0-157.0	29.4	1.3	27974.0	0.00	99.94
157.0-158.0	29.3	1.2	27975.2	0.00	99.95
158.0-159.0	29.8	1.2	27976.4	0.00	99.95
159.0-160.0	31.1	1.2	27977.6	0.00	99.95
160.0-161.0	31.2	1.1	27978.7	0.00	99.96
161.0-162.0	31.9	1.1	27979.8	0.00	99.96
162.0-163.0	33.3	1.1	27980.9	0.00	99.97
163.0-164.0	31.5	1.0	27981.9	0.00	99.97
164.0-165.0	31.3	0.9	27982.8	0.00	99.97
165.0-166.0	34.1	0.9	27983.8	0.00	99.98
166.0-167.0	33.9	0.9	27984.6	0.00	99.98
167.0-168.0	33.8	0.8	27985.4	0.00	99.98
168.0-169.0	34.6	0.8	27986.2	0.00	99.99
169.0-170.0	34.6	0.7	27986.9	0.00	99.99
170.0-171.0	34.8	0.6	27987.5	0.00	99.99
171.0-172.0	35.0	0.6	27988.1	0.00	99.99
172.0-173.0	35.9	0.5	27988.6	0.00	99.99
173.0-174.0	35.9	0.4	27989.0	0.00	100.00
174.0-175.0	34.9	0.4	27989.4	0.00	100.00
175.0-176.0	34.1	0.3	27989.7	0.00	100.00
176.0-177.0	34.7	0.2	27989.9	0.00	100.00
177.0-178.0	35.2	0.2	27990.1	0.00	100.00
178.0-179.0	34.4	0.1	27990.2	0.00	100.00
179.0-180.0	33.7	0.0	27990.2	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°): 21665.89 lm

%lum = 77.4%

%lamp = 77.4%

cone flux(120°): 26294.90 lm

%lum = 93.9%

%lamp = 93.9%

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	13718.3	13718.3	13718.3	13718.3	13718.3	13718.3	13718.3	13718.3	13718.3	13718.3
G1.0	13717.9	13716.9	13714.5	13714.1	13714.1	13725.2	13718.3	13722.4	13719.3	13720.0
G2.0	13716.6	13715.2	13712.4	13709.6	13712.4	13726.2	13721.0	13723.1	13725.1	13723.8
G3.0	13717.2	13712.4	13708.3	13707.9	13709.6	13726.2	13719.7	13724.2	13731.0	13722.7
G4.0	13714.1	13711.7	13704.1	13706.9	13708.6	13728.3	13721.7	13727.3	13737.9	13728.9
G5.0	13710.0	13711.0	13702.1	13707.2	13707.9	13728.0	13722.4	13724.2	13738.9	13734.1
G6.0	13706.2	13704.5	13695.5	13706.9	13708.3	13730.0	13726.9	13727.6	13743.7	13738.2
G7.0	13702.5	13705.9	13690.7	13711.0	13710.0	13732.5	13727.6	13727.6	13742.3	13743.4
G8.0	13698.3	13704.5	13686.9	13710.3	13706.9	13732.1	13730.0	13729.7	13747.5	13746.5
G9.0	13690.8	13700.4	13686.9	13704.8	13706.9	13729.7	13728.0	13728.7	13746.5	13748.9
G10.0	13686.6	13699.3	13684.9	13697.2	13702.4	13723.1	13720.3	13724.9	13745.1	13751.3
G11.0	13685.6	13692.8	13682.1	13696.2	13695.5	13713.4	13707.5	13713.4	13735.8	13745.5
G12.0	13681.5	13688.7	13680.7	13689.3	13684.8	13698.5	13699.6	13697.8	13726.9	13735.8
G13.0	13677.4	13681.4	13670.4	13683.1	13673.7	13684.0	13685.7	13682.2	13713.8	13726.2
G14.0	13670.5	13672.5	13662.1	13672.0	13656.8	13665.0	13663.2	13660.4	13702.1	13718.6
G15.0	13662.2	13662.5	13650.4	13658.6	13638.2	13641.1	13639.3	13641.3	13684.9	13710.7
G16.0	13653.6	13655.6	13629.4	13638.2	13618.9	13623.1	13610.5	13616.7	13672.2	13697.6
G17.0	13645.4	13646.3	13616.6	13615.8	13596.1	13593.0	13588.0	13586.2	13648.1	13676.6
G18.0	13635.4	13636.0	13601.5	13590.3	13567.4	13568.0	13554.4	13554.0	13620.0	13655.6
G19.0	13624.1	13618.1	13586.0	13560.3	13529.8	13534.8	13521.1	13520.0	13585.6	13631.1
G20.0	13609.6	13606.7	13560.1	13530.3	13494.3	13493.6	13474.0	13477.1	13544.3	13594.0
G21.0	13593.8	13585.7	13536.0	13495.1	13451.5	13444.5	13423.1	13425.1	13492.8	13559.2
G22.0	13572.9	13566.4	13501.6	13451.6	13405.2	13389.8	13362.4	13367.9	13436.8	13503.4
G23.0	13548.1	13534.4	13459.5	13396.1	13345.5	13326.4	13290.7	13295.5	13363.5	13444.5
G24.0	13512.4	13494.1	13409.9	13336.7	13274.8	13245.8	13210.0	13214.7	13291.4	13379.8
G25.0	13474.2	13442.8	13348.2	13257.1	13185.4	13161.3	13123.0	13127.4	13208.2	13297.2
G26.0	13428.5	13382.2	13279.0	13173.9	13087.7	13060.9	13028.0	13029.6	13114.3	13201.8
G27.0	13376.3	13315.4	13196.3	13079.4	12977.3	12948.8	12921.3	12931.9	12999.2	13097.1
G28.0	13314.0	13240.4	13097.4	12972.1	12863.4	12825.2	12801.1	12808.2	12876.1	12986.6
G29.0	13242.2	13147.4	12996.1	12853.4	12735.0	12690.9	12673.6	12670.9	12731.1	12855.1
G30.0	13142.2	13040.0	12871.1	12700.3	12578.3	12524.1	12500.0	12512.6	12574.3	12710.1
G31.0	13025.3	12902.9	12723.3	12543.0	12410.9	12354.8	12330.9	12335.8	12405.6	12553.8
G32.0	12879.6	12742.5	12550.3	12347.4	12208.7	12153.4	12112.6	12142.1	12193.1	12341.7
G33.0	12704.6	12553.8	12341.5	12124.5	11977.8	11907.3	11905.7	11905.4	11976.9	12130.3
G34.0	12521.4	12329.0	12104.2	11873.0	11729.3	11663.9	11654.5	11666.9	11740.4	11897.6
G35.0	12276.0	12074.2	11839.6	11630.2	11479.8	11395.7	11381.5	11400.8	11469.6	11634.2
G36.0	11997.6	11790.5	11551.6	11295.9	11174.7	11096.2	11081.4	11085.4	11175.4	11344.3

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 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	11676.5	11463.4	11222.9	10955.1	10825.7	10723.5	10705.1	10754.4	10804.5	10991.3
G38.0	11263.3	11044.4	10803.6	10569.1	10391.2	10316.4	10295.5	10363.8	10412.3	10615.4
G39.0	10837.8	10592.6	10329.9	10111.3	9910.1	9834.2	9794.9	9883.5	9938.6	10154.7
G40.0	10344.9	10082.4	9766.6	9525.9	9359.6	9267.9	9238.4	9324.5	9382.8	9582.4
G41.0	9706.3	9489.5	9148.2	8924.3	8780.8	8656.3	8663.2	8737.0	8755.2	8954.1
G42.0	9054.5	8777.4	8448.4	8335.1	8127.1	8031.2	8035.3	8144.0	8120.3	8316.8
G43.0	8404.9	8076.1	7854.5	7627.2	7427.9	7399.8	7418.6	7531.7	7423.2	7579.2
G44.0	7639.1	7408.8	7201.9	6981.8	6847.4	6787.1	6850.6	6915.5	6801.4	6927.8
G45.0	6990.4	6722.3	6553.2	6359.1	6238.6	6219.5	6238.7	6261.5	6216.7	6307.7
G46.0	6302.6	6078.4	5934.4	5792.0	5673.6	5674.6	5706.5	5722.6	5679.4	5694.2
G47.0	5680.5	5559.2	5405.9	5310.1	5152.1	5134.3	5177.0	5184.7	5195.8	5212.5
G48.0	5203.7	5041.7	4924.6	4877.1	4698.6	4706.1	4732.8	4760.5	4712.2	4797.6
G49.0	4743.1	4644.4	4527.4	4456.6	4331.4	4317.4	4319.1	4334.6	4327.6	4417.1
G50.0	4364.0	4277.3	4149.8	4101.3	3990.1	3971.6	3974.7	3981.7	3985.2	4070.1
G51.0	4017.5	3937.8	3802.9	3757.4	3678.4	3661.1	3655.9	3662.2	3660.0	3721.3
G52.0	3714.4	3620.4	3500.0	3436.9	3390.9	3351.7	3372.5	3371.1	3328.3	3442.1
G53.0	3386.8	3359.1	3220.6	3156.1	3124.5	3099.7	3095.3	3125.7	3043.4	3180.0
G54.0	3120.4	3115.0	2992.2	2883.6	2892.9	2854.3	2868.0	2873.1	2789.7	2926.3
G55.0	2850.2	2854.3	2754.8	2651.1	2647.5	2627.9	2629.2	2627.0	2569.4	2679.7
G56.0	2615.4	2643.9	2535.0	2438.2	2434.9	2411.6	2416.1	2422.9	2348.0	2471.1
G57.0	2399.9	2413.3	2321.4	2239.9	2236.4	2197.0	2206.2	2227.7	2167.9	2276.2
G58.0	2214.0	2198.1	2117.4	2058.1	2061.5	2010.0	2027.7	2056.2	1997.4	2083.1
G59.0	2047.6	2011.5	1952.1	1887.0	1889.3	1832.5	1844.4	1880.8	1845.5	1910.2
G60.0	1876.8	1826.9	1771.5	1744.8	1741.2	1672.6	1679.5	1725.2	1693.9	1745.3
G61.0	1724.5	1675.8	1611.3	1598.9	1593.8	1531.7	1538.1	1582.4	1548.5	1586.2
G62.0	1574.3	1524.3	1484.2	1463.0	1449.6	1390.1	1404.7	1437.9	1417.9	1448.5
G63.0	1431.0	1402.4	1355.7	1326.0	1311.8	1271.0	1285.9	1313.5	1293.5	1320.4
G64.0	1311.0	1269.5	1226.8	1198.1	1184.1	1160.3	1172.6	1183.5	1171.8	1197.9
G65.0	1185.9	1152.1	1117.6	1094.2	1081.0	1062.3	1064.1	1070.2	1062.8	1082.5
G66.0	1077.2	1052.5	1012.9	991.1	976.0	961.2	972.6	972.8	948.0	976.1
G67.0	973.1	963.0	923.7	889.0	880.4	871.9	881.8	876.1	860.0	884.5
G68.0	878.9	865.2	827.5	804.1	798.3	782.6	786.9	792.3	768.9	795.0
G69.0	783.7	780.9	747.3	719.9	709.9	709.6	714.8	710.8	688.8	715.5
G70.0	713.2	698.6	670.8	641.6	633.0	633.1	641.7	633.9	614.9	637.7
G71.0	636.2	623.2	599.5	571.9	567.4	569.8	574.8	568.4	557.2	580.2
G72.0	569.6	562.3	537.8	520.2	511.1	513.0	514.9	504.6	498.4	516.5
G73.0	502.5	501.0	486.5	467.1	452.5	455.5	459.1	454.4	446.5	456.6

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	453.4	450.4	428.9	405.3	406.6	405.0	405.8	403.7	394.6	405.6
G75.0	397.0	392.2	375.5	368.1	358.6	362.8	363.8	360.1	354.7	365.7
G76.0	354.4	350.2	334.9	325.0	319.6	320.9	324.3	321.3	313.8	323.0
G77.0	303.9	307.5	290.8	288.4	277.8	285.2	282.4	281.4	273.3	282.0
G78.0	265.4	268.2	258.7	247.0	241.9	248.5	247.4	245.7	233.4	243.1
G79.0	224.1	221.7	220.5	215.6	205.0	209.8	217.3	210.7	199.0	211.4
G80.0	189.7	184.5	184.7	182.8	169.8	177.9	180.5	179.9	172.6	178.7
G81.0	148.8	150.5	146.1	143.5	140.5	143.0	146.6	148.0	137.5	142.5
G82.0	123.7	119.5	118.2	116.2	113.9	117.0	119.2	114.7	104.8	118.4
G83.0	91.1	93.7	92.0	91.1	85.9	91.4	91.5	84.2	85.6	92.3
G84.0	67.0	58.9	61.3	60.7	63.9	66.8	65.1	67.2	50.2	69.5
G85.0	49.8	26.9	37.9	39.0	41.1	45.3	39.5	41.9	44.0	46.1
G86.0	24.4	22.0	22.7	23.5	30.7	30.1	21.8	20.4	16.2	14.8
G87.0	11.0	11.4	9.0	10.7	7.2	14.5	13.2	13.2	7.9	11.7
G88.0	0.0	0.0	0.0	7.9	0.0	0.0	8.3	6.9	0.0	0.0
G89.0	0.0	0.0	0.0	0.0	6.9	0.0	7.6	6.9	0.0	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	7.3	0.0	0.0
G109.0	0.0	0.0	0.0	7.2	7.6	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	10.0	0.0	0.0	7.3	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	7.6	8.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	6.9	0.0	8.6	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	7.6	0.0	8.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	8.3	8.7	8.7	0.0	0.0	0.0
G120.0	0.0	0.0	7.2	9.0	0.0	8.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	8.3	0.0	6.9	0.0	0.0	0.0
G122.0	0.0	0.0	6.9	0.0	11.7	6.9	8.7	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	9.0	0.0	10.0	7.6	0.0	0.0	0.0
G124.0	0.0	0.0	7.2	7.6	7.6	9.7	9.0	7.3	6.9	0.0
G125.0	0.0	0.0	7.6	7.6	7.9	0.0	0.0	10.0	0.0	0.0
G126.0	0.0	0.0	0.0	12.4	9.3	12.1	11.8	0.0	7.9	0.0
G127.0	0.0	7.2	11.4	7.9	11.0	14.2	11.4	10.4	9.3	0.0
G128.0	0.0	10.7	8.3	8.6	11.0	12.5	13.5	9.0	0.0	7.6
G129.0	6.9	6.9	0.0	13.1	11.4	7.3	9.0	10.7	0.0	7.6
G130.0	9.6	13.1	9.3	14.5	12.4	12.8	14.9	10.0	9.3	0.0
G131.0	11.3	11.7	15.2	12.1	12.4	11.8	12.8	12.1	8.6	9.6
G132.0	0.0	13.4	10.7	10.7	9.0	12.1	18.0	11.1	10.0	11.4
G133.0	10.7	13.4	15.2	14.1	11.4	10.7	14.2	11.4	9.6	6.9
G134.0	8.9	14.8	9.6	13.4	14.8	12.8	15.6	14.6	10.7	8.3
G135.0	8.9	16.2	13.8	11.7	16.9	15.6	13.2	12.5	9.3	12.7
G136.0	14.1	12.4	10.3	11.7	13.5	16.6	20.1	17.3	14.1	12.7
G137.0	12.4	17.2	13.4	18.6	12.4	19.4	17.0	14.6	12.4	14.8
G138.0	17.5	15.8	14.8	14.1	17.9	18.0	19.8	18.0	13.7	13.1
G139.0	14.4	19.6	13.1	17.2	16.6	20.4	19.8	17.7	13.4	14.1
G140.0	16.8	18.3	13.1	18.6	18.3	23.2	25.3	16.3	16.5	14.1
G141.0	13.1	21.0	20.7	19.0	24.5	17.7	24.6	16.3	20.6	13.8
G142.0	15.5	22.4	22.4	16.9	20.0	21.5	19.1	23.2	18.2	15.5
G143.0	16.8	21.3	22.1	22.4	26.6	14.2	22.5	18.7	17.9	15.5
G144.0	14.8	20.0	19.6	19.7	21.7	26.0	22.5	21.5	18.2	17.9
G145.0	15.5	24.1	25.1	26.6	24.8	19.7	25.3	24.6	20.6	20.3
G146.0	23.4	24.8	25.8	24.1	23.1	27.3	27.4	20.8	24.1	12.0
G147.0	18.2	22.0	27.2	16.6	28.3	28.7	25.6	24.6	22.0	15.1

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	22.0	26.9	26.9	27.9	30.7	23.2	26.3	28.1	18.6	24.4
G149.0	16.5	27.2	24.5	25.9	24.8	26.0	28.8	25.3	18.2	21.0
G150.0	22.7	30.0	25.5	31.4	21.4	27.3	24.9	30.5	24.4	24.4
G151.0	24.7	19.3	32.4	26.6	22.1	31.2	31.2	23.9	25.8	23.1
G152.0	22.0	25.8	16.2	32.1	32.8	30.5	24.9	26.3	26.5	23.1
G153.0	25.4	29.3	29.3	31.7	33.8	26.3	30.1	28.8	19.6	24.8
G154.0	26.8	26.5	27.2	30.4	32.8	33.2	32.6	32.6	25.1	24.1
G155.0	26.1	27.5	31.3	21.7	36.2	27.7	34.0	28.8	24.4	22.7
G156.0	24.7	30.0	31.3	24.5	34.2	32.2	32.2	28.8	30.2	25.8
G157.0	21.7	27.2	30.0	34.2	32.4	33.6	22.9	26.0	25.1	24.8
G158.0	27.8	25.8	33.4	22.4	35.9	30.8	31.9	25.3	28.5	14.5
G159.0	27.8	27.9	24.8	34.5	33.8	31.5	35.0	28.1	30.2	30.6
G160.0	29.6	32.0	32.4	32.8	36.6	33.2	34.0	31.9	27.5	27.5
G161.0	32.7	26.2	34.8	34.2	38.0	19.0	34.7	33.3	27.8	28.2
G162.0	28.2	36.5	30.0	25.2	35.2	34.6	36.4	32.9	30.2	26.9
G163.0	28.9	35.8	29.3	32.4	32.4	38.8	35.3	32.2	33.3	34.4
G164.0	21.7	29.3	35.8	34.2	28.3	12.5	28.4	28.4	30.2	28.2
G165.0	27.8	22.7	36.9	29.7	37.3	36.0	39.2	29.1	29.9	32.4
G166.0	33.7	37.9	34.1	35.2	36.6	35.0	39.2	34.7	30.2	34.4
G167.0	34.7	37.5	35.5	34.2	30.7	36.3	39.2	35.3	27.2	30.0
G168.0	29.2	37.2	35.1	35.2	38.0	34.6	37.4	32.9	33.0	33.4
G169.0	33.0	30.6	30.3	34.5	24.5	35.0	37.4	33.6	33.3	34.1
G170.0	32.3	36.5	39.3	35.9	37.6	29.8	39.2	30.8	32.0	35.1
G171.0	30.9	42.7	34.8	39.3	34.2	33.9	37.8	32.9	30.2	29.3
G172.0	29.9	36.5	34.1	25.2	39.7	31.2	39.2	34.7	33.7	36.1
G173.0	28.9	35.1	38.6	37.9	38.0	36.0	37.8	38.1	32.7	39.6
G174.0	34.7	37.9	31.7	37.3	35.2	24.2	38.8	25.6	36.8	33.7
G175.0	33.7	28.2	37.5	33.5	37.3	35.0	36.7	35.7	34.0	34.1
G176.0	31.3	34.1	37.2	31.1	23.8	30.8	24.9	37.4	34.4	31.3
G177.0	30.2	37.5	34.8	36.9	32.8	36.3	38.1	36.0	32.7	35.1
G178.0	30.6	36.8	35.5	40.0	37.3	28.0	33.6	35.7	33.7	33.7
G179.0	28.2	30.3	36.2	34.2	35.2	36.3	35.3	34.3	34.7	29.3
G180.0	25.8	34.4	38.6	32.4	35.5	37.4	35.0	35.0	16.5	25.8

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	13718.3	13718.3	13718.3	13718.3	13718.3	13718.3	13718.3			
G1.0	13724.1	13721.0	13721.0	13715.8	13720.0	13716.5	13717.9			
G2.0	13727.6	13723.1	13719.0	13722.1	13722.1	13714.5	13716.6			
G3.0	13732.4	13724.5	13718.3	13722.8	13723.5	13712.0	13717.2			
G4.0	13739.3	13728.6	13718.3	13719.7	13722.4	13707.5	13714.1			
G5.0	13742.7	13731.7	13713.4	13721.0	13724.2	13704.4	13710.0			
G6.0	13746.5	13732.8	13712.7	13720.0	13723.1	13705.1	13706.2			
G7.0	13751.7	13737.2	13713.8	13719.3	13723.1	13702.3	13702.5			
G8.0	13752.4	13736.9	13713.4	13716.5	13719.3	13700.6	13698.3			
G9.0	13751.0	13735.9	13714.5	13719.3	13720.0	13699.9	13690.8			
G10.0	13750.7	13735.5	13712.7	13719.3	13719.3	13699.9	13686.6			
G11.0	13744.8	13733.1	13713.1	13713.8	13717.6	13695.7	13685.6			
G12.0	13740.7	13731.7	13711.7	13713.8	13715.8	13694.7	13681.5			
G13.0	13731.0	13729.6	13712.1	13712.7	13710.6	13692.3	13677.4			
G14.0	13726.5	13722.8	13706.9	13711.7	13710.0	13687.1	13670.5			
G15.0	13716.5	13719.0	13704.5	13712.7	13707.9	13685.0	13662.2			
G16.0	13703.1	13710.3	13697.6	13710.0	13706.8	13685.0	13653.6			
G17.0	13693.8	13698.6	13689.6	13707.2	13704.4	13684.3	13645.4			
G18.0	13674.2	13686.9	13677.2	13699.9	13693.3	13680.5	13635.4			
G19.0	13654.9	13668.6	13661.7	13693.0	13686.7	13672.2	13624.1			
G20.0	13623.9	13650.7	13645.4	13681.2	13671.5	13657.6	13609.6			
G21.0	13585.3	13621.3	13624.7	13668.1	13665.6	13646.5	13593.8			
G22.0	13548.4	13593.4	13597.1	13650.4	13646.2	13633.7	13572.9			
G23.0	13500.5	13555.1	13566.8	13629.0	13628.5	13610.5	13548.1			
G24.0	13445.1	13506.1	13533.6	13599.9	13608.4	13583.5	13512.4			
G25.0	13381.0	13446.1	13488.4	13567.7	13579.3	13558.8	13474.2			
G26.0	13294.5	13378.5	13433.2	13514.0	13540.9	13522.5	13428.5			
G27.0	13207.0	13295.7	13360.0	13459.7	13491.7	13473.9	13376.3			
G28.0	13099.2	13207.4	13280.3	13391.2	13435.9	13411.6	13314.0			
G29.0	12980.0	13092.2	13183.7	13309.5	13361.0	13332.2	13242.2			
G30.0	12843.5	12966.2	13078.0	13211.9	13261.2	13235.8	13142.2			
G31.0	12670.2	12822.7	12949.3	13097.3	13151.4	13123.5	13025.3			
G32.0	12498.6	12656.5	12786.1	12948.4	13019.4	12993.6	12879.6			
G33.0	12295.0	12468.5	12609.4	12778.1	12863.8	12833.1	12704.6			
G34.0	12066.6	12226.3	12402.3	12578.1	12672.9	12621.4	12521.4			
G35.0	11811.3	11969.3	12155.2	12342.0	12437.9	12384.3	12276.0			
G36.0	11501.6	11683.7	11890.1	12066.8	12133.0	12110.2	11997.6			

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	11183.3	11373.2	11584.3	11722.4	11810.1	11786.8	11676.5			
G38.0	10823.2	11017.2	11201.6	11361.4	11442.5	11416.7	11263.3			
G39.0	10388.1	10552.9	10783.3	10939.1	11017.3	10944.0	10837.8			
G40.0	9853.4	10038.2	10260.8	10446.2	10469.5	10424.5	10344.9			
G41.0	9217.1	9407.9	9626.0	9839.4	9846.8	9785.7	9706.3			
G42.0	8448.4	8704.9	8932.7	9057.1	9144.1	9091.9	9054.5			
G43.0	7770.7	8010.8	8163.4	8340.3	8433.1	8419.9	8404.9			
G44.0	7105.8	7238.1	7447.2	7595.4	7619.5	7622.1	7639.1			
G45.0	6411.2	6597.1	6772.5	6897.2	6909.9	6916.1	6990.4			
G46.0	5828.7	6027.6	6159.2	6213.6	6256.4	6276.4	6302.6			
G47.0	5319.8	5511.9	5633.9	5672.9	5704.8	5712.9	5680.5			
G48.0	4875.7	5061.3	5113.1	5202.9	5228.0	5221.4	5203.7			
G49.0	4483.3	4624.3	4695.9	4791.6	4771.3	4753.6	4743.1			
G50.0	4106.4	4268.3	4345.2	4378.0	4399.9	4375.8	4364.0			
G51.0	3789.8	3936.8	4030.1	4026.3	4057.5	4027.1	4017.5			
G52.0	3499.0	3639.1	3703.6	3712.4	3743.9	3711.8	3714.4			
G53.0	3236.1	3338.6	3413.0	3425.8	3453.2	3388.4	3386.8			
G54.0	3000.5	3076.7	3142.8	3156.8	3165.6	3119.1	3120.4			
G55.0	2761.0	2829.4	2904.6	2879.9	2934.5	2866.1	2850.2			
G56.0	2550.2	2603.1	2655.8	2648.3	2708.2	2643.3	2615.4			
G57.0	2340.4	2378.2	2449.1	2443.1	2490.3	2419.8	2399.9			
G58.0	2134.3	2185.4	2261.0	2249.9	2276.2	2227.7	2214.0			
G59.0	1935.2	2009.1	2090.5	2065.1	2067.2	2051.3	2047.6			
G60.0	1763.3	1846.9	1926.2	1894.8	1882.9	1883.3	1876.8			
G61.0	1615.1	1692.1	1756.4	1725.9	1725.9	1724.2	1724.5			
G62.0	1479.7	1538.5	1610.0	1583.6	1572.8	1570.7	1574.3			
G63.0	1347.1	1405.7	1476.1	1451.4	1439.7	1432.7	1431.0			
G64.0	1234.8	1279.8	1346.7	1321.2	1318.8	1305.9	1311.0			
G65.0	1125.9	1167.0	1222.8	1195.9	1203.4	1183.9	1185.9			
G66.0	1029.4	1063.5	1095.8	1088.6	1096.0	1077.8	1077.2			
G67.0	938.1	953.5	987.1	994.1	987.5	966.6	973.1			
G68.0	842.0	867.2	891.8	898.2	896.7	872.7	878.9			
G69.0	760.4	787.2	795.9	805.8	812.5	790.9	783.7			
G70.0	687.0	710.3	717.5	728.6	731.1	711.5	713.2			
G71.0	618.1	629.6	645.7	651.4	651.1	626.6	636.2			
G72.0	551.6	569.2	579.5	586.7	581.4	565.3	569.6			
G73.0	494.4	508.5	515.6	520.3	520.1	506.3	502.5			

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 7)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	440.0	454.7	458.3	464.9	465.7	448.1	453.4			
G75.0	392.8	403.3	407.3	413.3	407.1	394.0	397.0			
G76.0	351.4	355.7	362.7	367.3	364.2	349.7	354.4			
G77.0	305.9	315.3	319.9	323.6	320.2	307.8	303.9			
G78.0	264.9	275.3	276.4	282.4	273.0	265.5	265.4			
G79.0	228.4	231.5	238.8	240.9	239.8	227.0	224.1			
G80.0	191.9	200.1	202.2	206.0	199.6	190.6	189.7			
G81.0	160.9	168.3	169.5	174.5	168.1	154.6	148.8			
G82.0	129.9	133.9	135.6	141.2	133.1	127.2	123.7			
G83.0	99.2	111.4	103.9	110.8	103.6	93.9	91.1			
G84.0	75.8	81.4	80.4	84.1	70.3	66.5	67.0			
G85.0	52.0	53.5	57.6	63.3	53.0	39.9	49.8			
G86.0	26.5	44.8	38.7	45.7	34.0	25.6	24.4			
G87.0	17.2	23.1	22.4	22.8	19.4	11.1	11.0			
G88.0	0.0	7.9	8.6	11.4	0.0	0.0	0.0			
G89.0	0.0	7.2	7.9	0.0	0.0	0.0	0.0			
G90.0	6.9	8.6	0.0	0.0	0.0	0.0	0.0			
G91.0	0.0	7.2	0.0	7.3	0.0	0.0	0.0			
G92.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	10.4	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0			
G102.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0			
G109.0	0.0	0.0	6.9	0.0	7.3	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	8.3	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 8)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G114.0	0.0	0.0	0.0	6.9	8.3	0.0	0.0			
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G116.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0			
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G118.0	7.2	0.0	0.0	0.0	8.3	0.0	0.0			
G119.0	0.0	0.0	7.9	7.3	6.9	7.3	0.0			
G120.0	8.3	7.6	7.9	7.6	0.0	0.0	0.0			
G121.0	7.2	7.6	0.0	8.7	0.0	0.0	0.0			
G122.0	6.9	0.0	7.2	8.7	10.0	0.0	0.0			
G123.0	0.0	8.3	0.0	13.2	10.0	0.0	0.0			
G124.0	7.9	7.6	7.6	6.9	9.0	0.0	0.0			
G125.0	0.0	10.0	9.3	8.7	10.7	0.0	0.0			
G126.0	6.9	7.2	6.9	12.1	11.8	7.6	0.0			
G127.0	0.0	7.9	10.7	9.3	11.8	12.1	0.0			
G128.0	9.3	11.7	9.3	11.1	12.5	7.6	0.0			
G129.0	9.6	8.3	7.9	14.2	10.0	10.7	6.9			
G130.0	11.7	8.3	7.6	10.0	11.1	8.3	9.6			
G131.0	11.7	0.0	10.0	12.8	15.2	11.8	11.3			
G132.0	9.6	12.1	10.0	14.2	12.1	12.1	0.0			
G133.0	12.4	9.3	14.8	14.5	12.1	11.1	10.7			
G134.0	12.4	12.8	10.7	11.8	10.0	17.0	8.9			
G135.0	14.5	13.8	13.5	12.8	15.2	15.6	8.9			
G136.0	13.8	17.6	15.5	17.3	17.7	15.9	14.1			
G137.0	16.2	17.6	11.7	13.8	18.4	17.7	12.4			
G138.0	15.9	19.0	16.9	18.7	17.3	18.4	17.5			
G139.0	16.9	18.3	17.9	17.0	18.0	14.9	14.4			
G140.0	20.0	13.8	18.3	15.9	18.7	19.4	16.8			
G141.0	20.3	23.8	18.3	20.8	25.6	20.1	13.1			
G142.0	20.0	20.7	21.4	19.4	22.5	15.6	15.5			
G143.0	20.0	24.1	22.1	15.6	17.3	17.0	16.8			
G144.0	21.0	22.4	22.4	18.0	20.1	21.5	14.8			
G145.0	17.9	25.5	23.8	15.6	27.0	21.1	15.5			
G146.0	23.1	27.6	27.6	24.9	23.2	23.6	23.4			
G147.0	23.4	29.7	20.4	25.3	26.3	24.6	18.2			

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 9)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	26.9	13.4	26.9	23.2	30.5	25.6	22.0			
G149.0	26.9	23.1	23.1	26.3	23.2	27.4	16.5			
G150.0	25.8	26.6	29.7	21.8	28.1	26.0	22.7			
G151.0	26.9	27.9	29.0	31.8	28.1	26.3	24.7			
G152.0	26.2	26.2	31.8	28.7	29.1	24.9	22.0			
G153.0	30.7	28.3	30.4	31.2	29.8	27.7	25.4			
G154.0	23.8	29.7	24.5	27.0	27.7	31.2	26.8			
G155.0	32.4	29.0	32.1	31.8	35.0	25.6	26.1			
G156.0	28.3	31.4	28.3	31.5	31.9	20.8	24.7			
G157.0	33.4	36.2	30.4	31.8	32.9	33.6	21.7			
G158.0	34.1	35.2	28.6	18.0	37.1	30.8	27.8			
G159.0	28.3	36.9	31.1	34.3	37.1	21.5	27.8			
G160.0	29.3	31.1	27.3	28.0	35.7	32.6	29.6			
G161.0	21.7	32.8	32.4	34.6	32.6	34.7	32.7			
G162.0	38.2	33.8	35.5	30.5	36.0	33.6	28.2			
G163.0	35.1	37.3	34.9	33.2	34.7	34.3	28.9			
G164.0	33.4	34.2	27.6	34.3	31.5	29.1	21.7			
G165.0	32.0	38.3	34.2	36.7	34.3	37.8	27.8			
G166.0	15.9	38.3	38.0	37.0	35.7	40.2	33.7			
G167.0	28.3	39.0	33.1	30.5	28.4	30.1	34.7			
G168.0	30.7	27.3	39.7	37.0	38.5	34.0	29.2			
G169.0	36.2	35.9	42.5	35.3	39.5	38.5	33.0			
G170.0	35.1	39.7	31.1	31.5	28.4	38.5	32.3			
G171.0	37.5	36.9	35.2	38.4	38.5	29.1	30.9			
G172.0	37.2	39.0	40.4	30.8	40.5	30.8	29.9			
G173.0	40.7	36.9	33.1	37.4	39.2	38.5	28.9			
G174.0	36.2	39.7	32.4	38.4	38.5	38.8	34.7			
G175.0	32.7	26.9	39.0	40.5	35.3	36.0	33.7			
G176.0	26.9	39.3	37.3	37.4	39.8	38.1	31.3			
G177.0	35.5	36.9	39.7	40.5	31.2	40.5	30.2			
G178.0	31.3	39.7	36.2	36.0	32.9	30.5	30.6			
G179.0	36.5	34.2	36.9	38.4	35.3	32.9	28.2			
G180.0	34.5	38.6	32.4	35.7	37.4	35.0	25.8			

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: