

Report No.:

Test Time: 2021-10-13 16:22

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.839 A

Power Factor: 0.998

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 100.58 W

Photometric Results

CIE Class: Direct

Measurement Flux: 14699.8 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.2, 125.5, 125.0, 126.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 88.0, 88.3, 88.2, 88.5

Luminaire Efficacy Rating (LER): 146.20

Max. Intensity: 7272.01 cd

S/MH(C0/C180): 1.35

Total Rated Lamp Lumens: 14699.8 lm

Efficiency: 100%

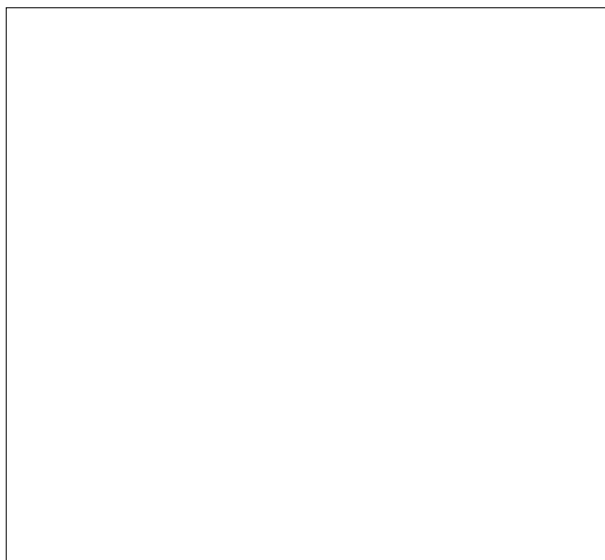
Upward Ratio: 0%

C0r0 Intensity: 7266.72 cd

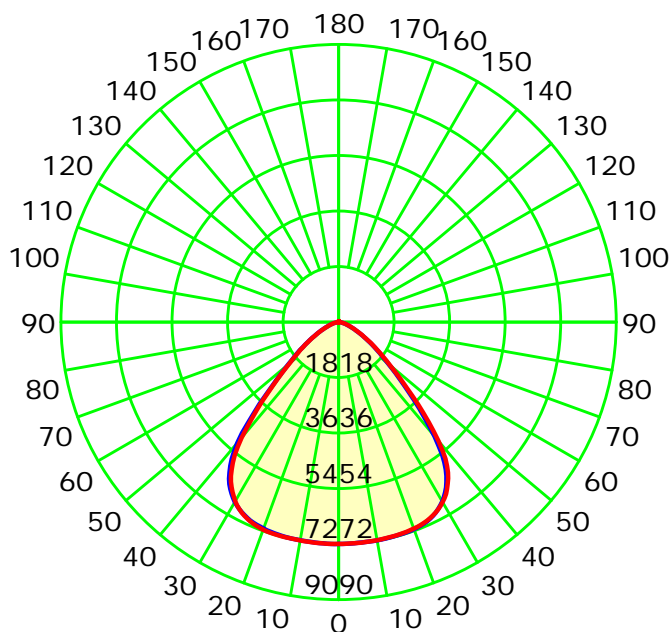
Pos of Max. Intensity: H292.5 V10

S/MH(C90/C270): 1.34

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 88.1°

— 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

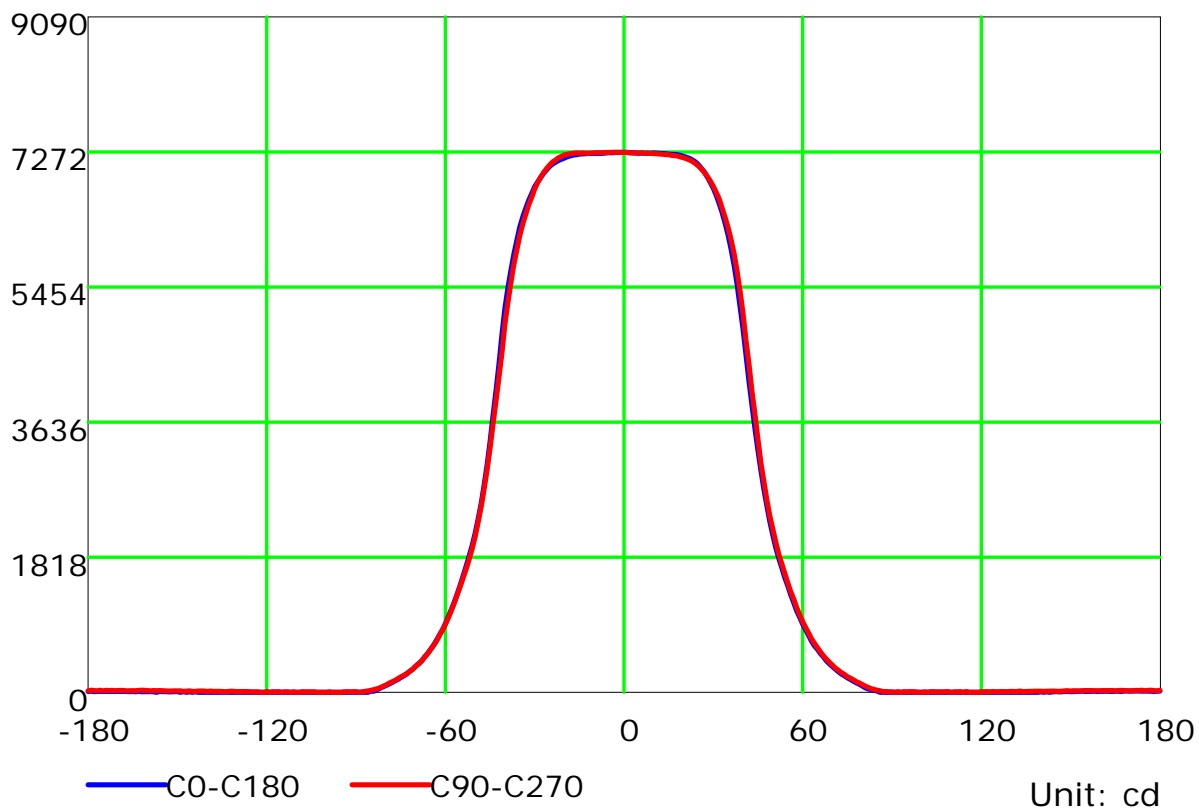
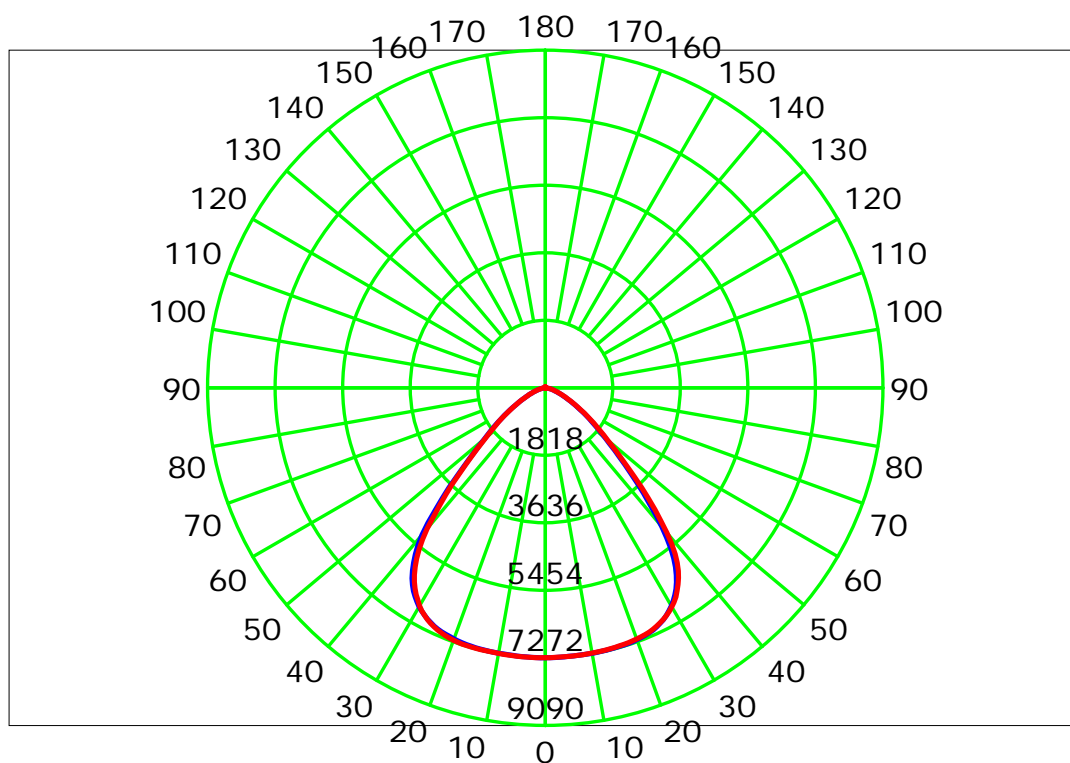
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

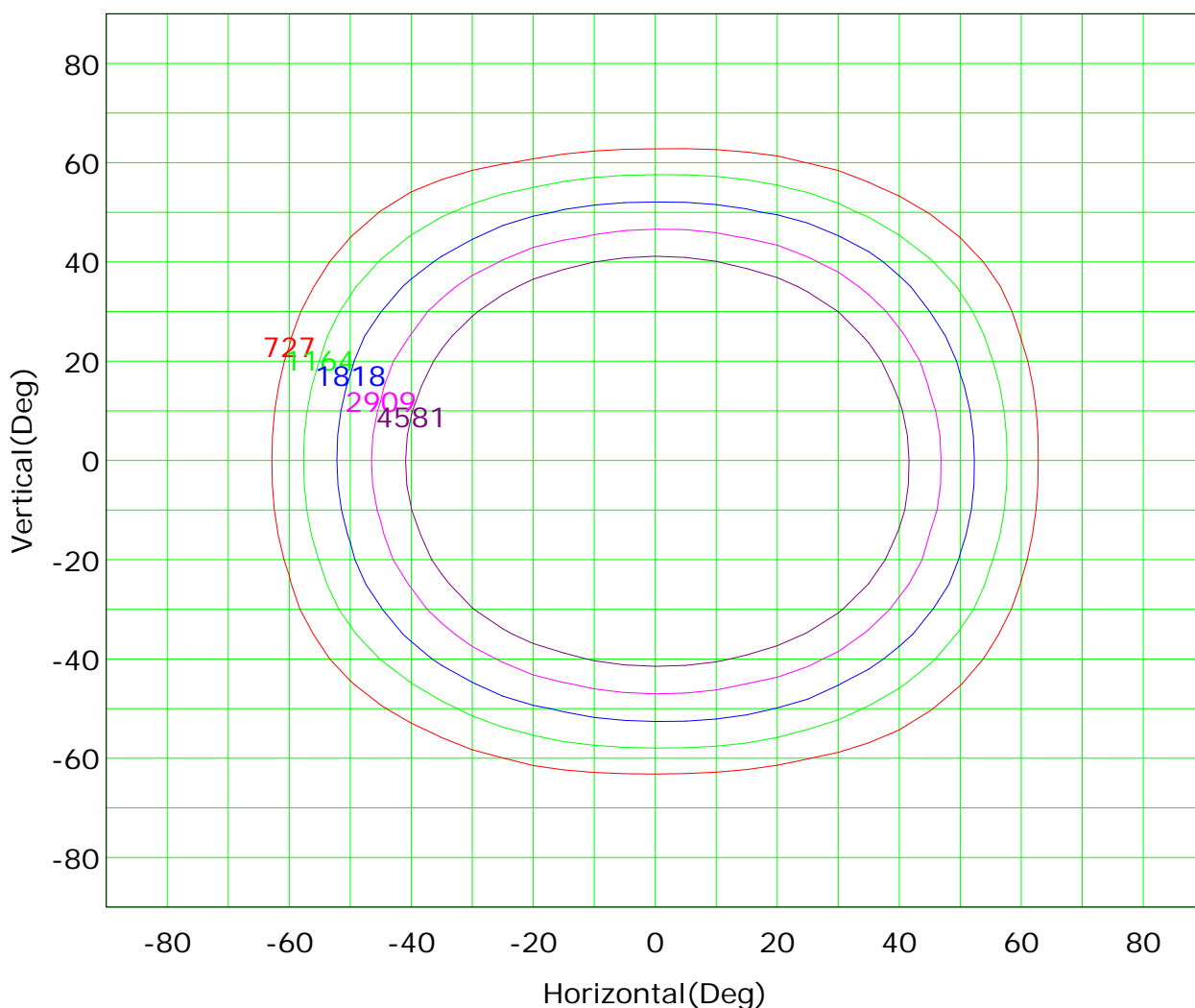
Luminous Intensity Distribution Curve



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)



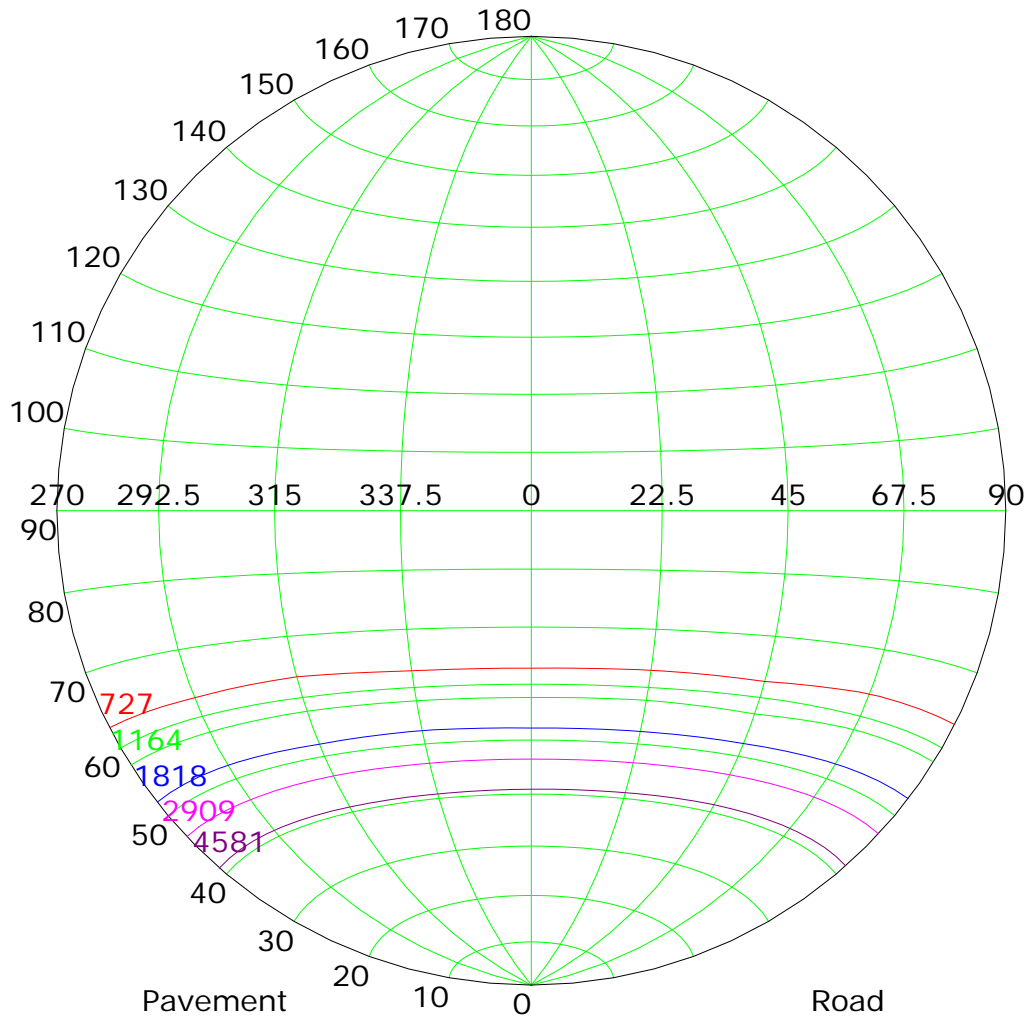
Imax (100%): 7272 cd

(10%): 727 cd	(16%): 1164 cd
(25%): 1818 cd	(40%): 2909 cd
(63%): 4581 cd	(100%): 7272 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)



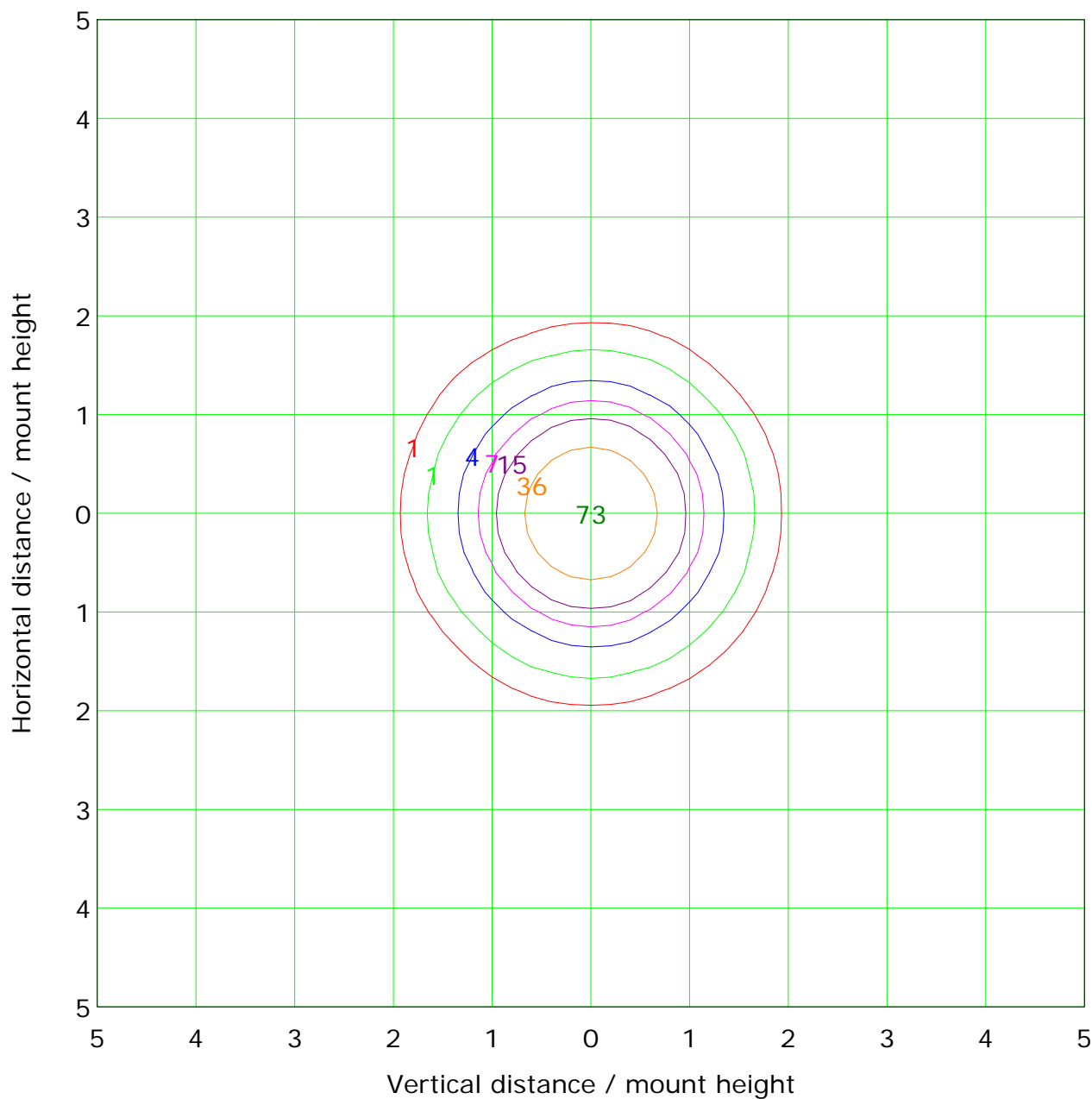
Imax (100%): 7272 cd

(10%): 727 cd	(16%): 1164 cd
(25%): 1818 cd	(40%): 2909 cd
(63%): 4581 cd	(100%): 7272 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

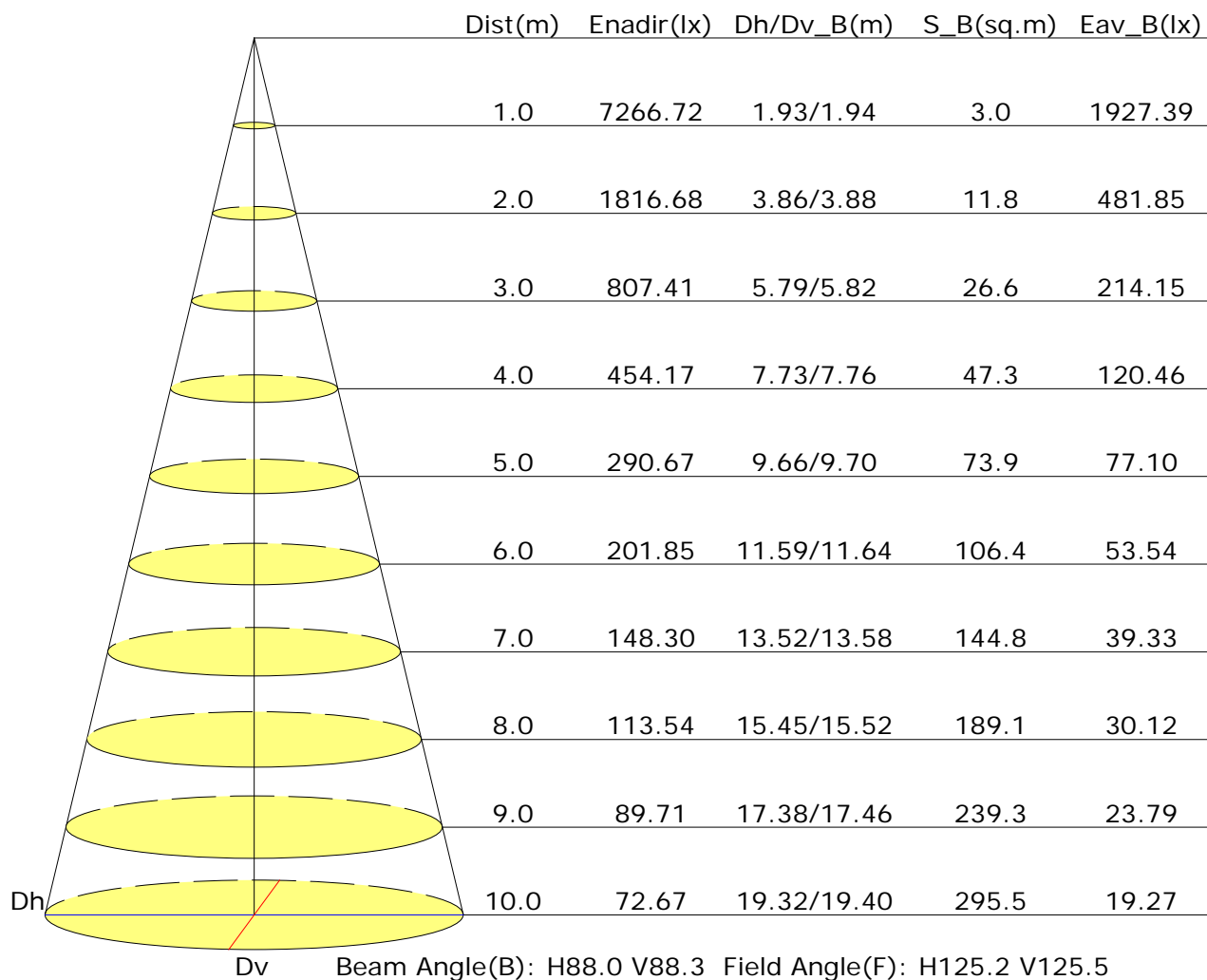


Mounting Height: 10.0m		Max Lux(100%): 72.7 lx	
— (1%):	0.7 lx	— (2%):	1.5 lx
— (5%):	3.6 lx	— (10%):	7.3 lx
— (20%):	14.5 lx	— (50%):	36.3 lx
— (100%):	72.7 lx		

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:

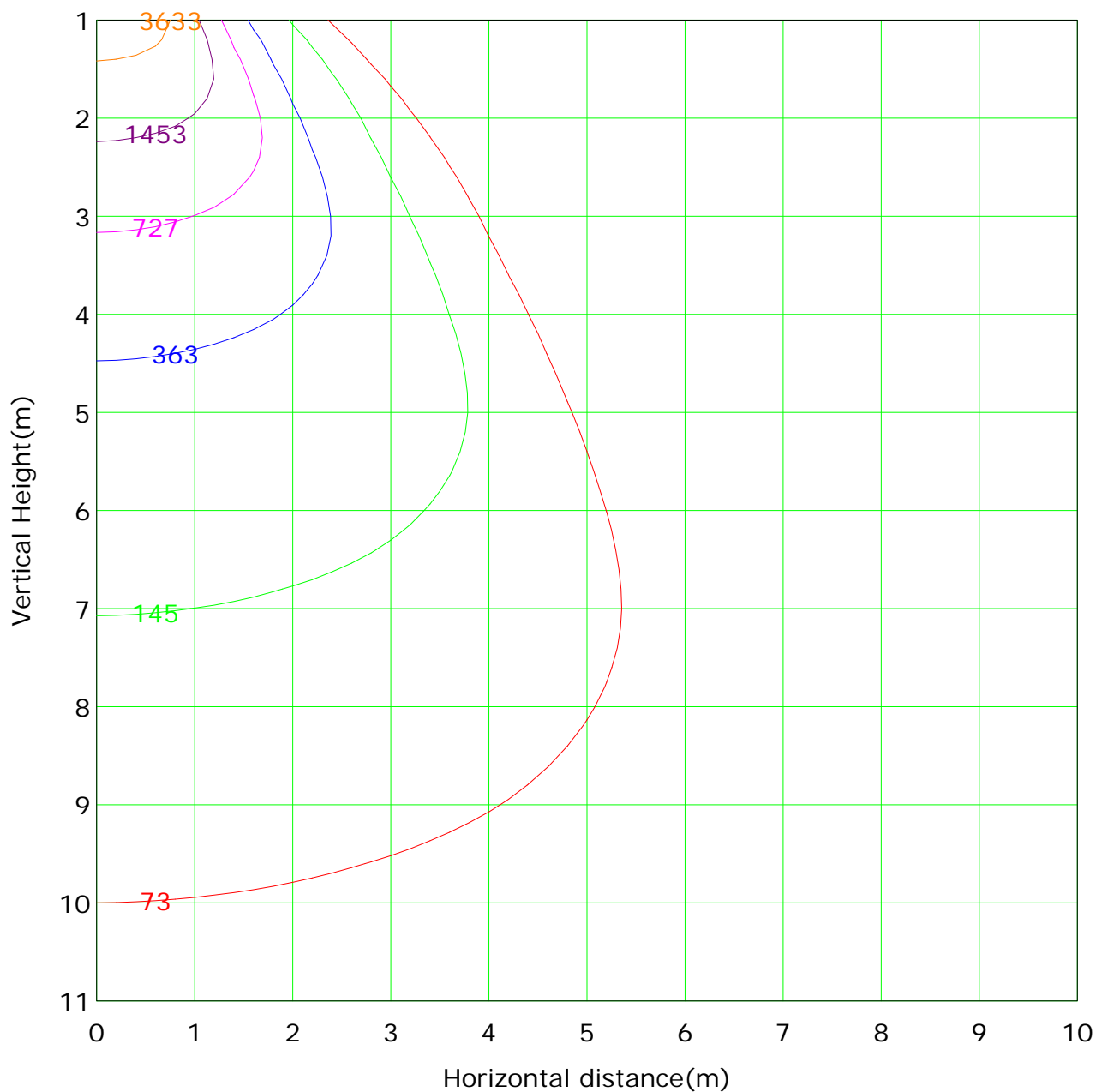
Illuminance at a Distance



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: 7266.7 lx

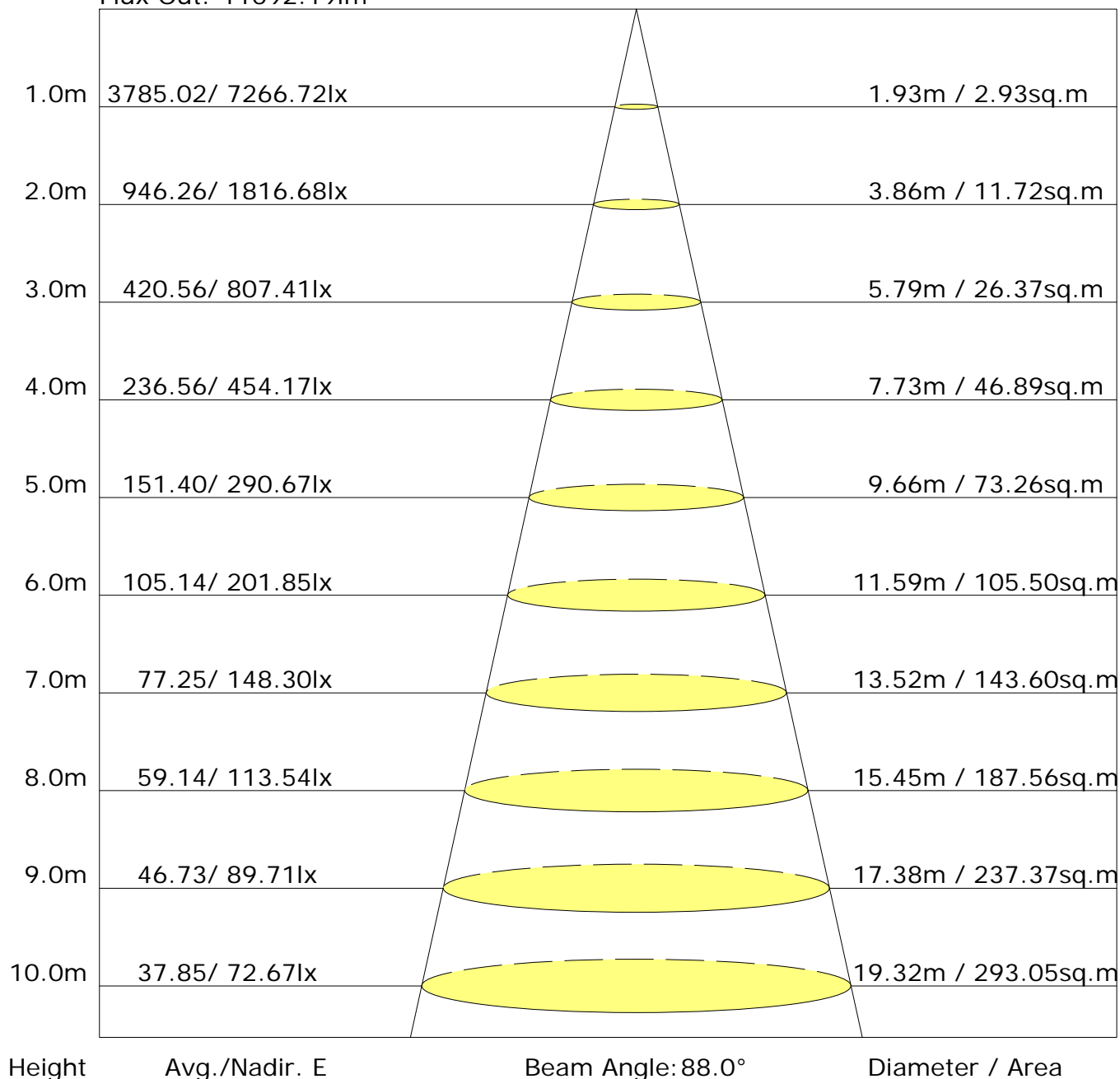
— (1%): 72.7 lx	— (2%): 145.3 lx
— (5%): 363.3 lx	— (10%): 726.7 lx
— (20%): 1453.3 lx	— (50%): 3633.4 lx
— (100%): 7266.7 lx	

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: 11092.19lm



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	7266.9	7.0	7.0	0.05	0.05
1.0-2.0	7266.6	20.9	27.8	0.14	0.19
2.0-3.0	7265.7	34.8	62.6	0.24	0.43
3.0-4.0	7264.8	48.6	111.2	0.33	0.76
4.0-5.0	7263.7	62.5	173.7	0.43	1.18
5.0-6.0	7262.3	76.3	250.0	0.52	1.70
6.0-7.0	7260.5	90.1	340.2	0.61	2.31
7.0-8.0	7258.8	103.9	444.1	0.71	3.02
8.0-9.0	7257.3	117.6	561.7	0.80	3.82
9.0-10.0	7255.8	131.3	693.0	0.89	4.71
10.0-11.0	7254.5	145.0	838.0	0.99	5.70
11.0-12.0	7252.9	158.6	996.6	1.08	6.78
12.0-13.0	7250.8	172.1	1168.7	1.17	7.95
13.0-14.0	7249.0	185.6	1354.2	1.26	9.21
14.0-15.0	7246.4	199.0	1553.2	1.35	10.57
15.0-16.0	7242.6	212.2	1765.4	1.44	12.01
16.0-17.0	7238.3	225.4	1990.9	1.53	13.54
17.0-18.0	7232.9	238.5	2229.4	1.62	15.17
18.0-19.0	7224.7	251.4	2480.8	1.71	16.88
19.0-20.0	7213.8	264.1	2744.9	1.80	18.67
20.0-21.0	7200.2	276.5	3021.4	1.88	20.55
21.0-22.0	7183.3	288.7	3310.1	1.96	22.52
22.0-23.0	7162.3	300.6	3610.6	2.04	24.56
23.0-24.0	7136.1	312.0	3922.7	2.12	26.69
24.0-25.0	7103.6	323.0	4245.7	2.20	28.88
25.0-26.0	7064.3	333.5	4579.2	2.27	31.15
26.0-27.0	7018.3	343.4	4922.6	2.34	33.49
27.0-28.0	6964.3	352.6	5275.3	2.40	35.89
28.0-29.0	6901.8	361.1	5636.4	2.46	38.34
29.0-30.0	6830.2	368.8	6005.2	2.51	40.85
30.0-31.0	6747.4	375.5	6380.8	2.55	43.41
31.0-32.0	6652.1	381.2	6761.9	2.59	46.00
32.0-33.0	6542.8	385.5	7147.5	2.62	48.62
33.0-34.0	6418.3	388.5	7535.9	2.64	51.27
34.0-35.0	6277.8	389.9	7925.9	2.65	53.92
35.0-36.0	6115.4	389.4	8315.3	2.65	56.57

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	5929.9	386.8	8702.1	2.63	59.20
37.0-38.0	5719.2	381.8	9083.9	2.60	61.80
38.0-39.0	5469.9	373.4	9457.3	2.54	64.34
39.0-40.0	5183.4	361.6	9818.9	2.46	66.80
40.0-41.0	4859.8	346.1	10165.0	2.35	69.15
41.0-42.0	4511.3	327.8	10492.8	2.23	71.38
42.0-43.0	4166.9	308.7	10801.5	2.10	73.48
43.0-44.0	3836.0	289.6	11091.0	1.97	75.45
44.0-45.0	3515.3	270.2	11361.2	1.84	77.29
45.0-46.0	3212.2	251.2	11612.5	1.71	79.00
46.0-47.0	2938.4	233.7	11846.2	1.59	80.59
47.0-48.0	2693.1	217.7	12064.0	1.48	82.07
48.0-49.0	2472.2	203.0	12267.0	1.38	83.45
49.0-50.0	2271.2	189.4	12456.4	1.29	84.74
50.0-51.0	2090.6	176.9	12633.3	1.20	85.94
51.0-52.0	1925.6	165.3	12798.5	1.12	87.07
52.0-53.0	1775.6	154.5	12953.0	1.05	88.12
53.0-54.0	1637.2	144.3	13097.3	0.98	89.10
54.0-55.0	1506.4	134.5	13231.8	0.91	90.01
55.0-56.0	1386.4	125.3	13357.1	0.85	90.87
56.0-57.0	1275.9	116.7	13473.8	0.79	91.66
57.0-58.0	1172.2	108.4	13582.2	0.74	92.40
58.0-59.0	1075.3	100.5	13682.7	0.68	93.08
59.0-60.0	984.9	93.1	13775.8	0.63	93.71
60.0-61.0	900.7	86.0	13861.8	0.58	94.30
61.0-62.0	823.5	79.4	13941.1	0.54	94.84
62.0-63.0	752.4	73.2	14014.3	0.50	95.34
63.0-64.0	685.8	67.3	14081.6	0.46	95.79
64.0-65.0	624.1	61.8	14143.4	0.42	96.21
65.0-66.0	567.2	56.6	14200.0	0.39	96.60
66.0-67.0	514.8	51.8	14251.8	0.35	96.95
67.0-68.0	466.0	47.2	14299.0	0.32	97.27
68.0-69.0	420.7	42.9	14341.9	0.29	97.57
69.0-70.0	380.4	39.1	14381.0	0.27	97.83
70.0-71.0	343.5	35.5	14416.5	0.24	98.07
71.0-72.0	309.0	32.1	14448.6	0.22	98.29

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	278.0	29.1	14477.7	0.20	98.49
73.0-74.0	249.9	26.3	14504.0	0.18	98.67
74.0-75.0	223.2	23.6	14527.6	0.16	98.83
75.0-76.0	198.4	21.1	14548.6	0.14	98.97
76.0-77.0	174.7	18.6	14567.3	0.13	99.10
77.0-78.0	152.6	16.3	14583.6	0.11	99.21
78.0-79.0	132.3	14.2	14597.8	0.10	99.31
79.0-80.0	110.8	11.9	14609.7	0.08	99.39
80.0-81.0	88.9	9.6	14619.4	0.07	99.45
81.0-82.0	68.8	7.5	14626.8	0.05	99.50
82.0-83.0	51.6	5.6	14632.4	0.04	99.54
83.0-84.0	39.0	4.3	14636.7	0.03	99.57
84.0-85.0	28.8	3.1	14639.8	0.02	99.59
85.0-86.0	19.6	2.1	14642.0	0.01	99.61
86.0-87.0	11.7	1.3	14643.3	0.01	99.62
87.0-88.0	7.2	0.8	14644.1	0.01	99.62
88.0-89.0	5.4	0.6	14644.6	0.00	99.62
89.0-90.0	5.0	0.5	14645.2	0.00	99.63
90.0-91.0	4.7	0.5	14645.7	0.00	99.63
91.0-92.0	4.3	0.5	14646.2	0.00	99.64
92.0-93.0	4.4	0.5	14646.7	0.00	99.64
93.0-94.0	4.2	0.5	14647.1	0.00	99.64
94.0-95.0	3.5	0.4	14647.5	0.00	99.64
95.0-96.0	3.1	0.3	14647.8	0.00	99.65
96.0-97.0	3.2	0.3	14648.2	0.00	99.65
97.0-98.0	3.0	0.3	14648.5	0.00	99.65
98.0-99.0	3.5	0.4	14648.9	0.00	99.65
99.0-100.0	3.4	0.4	14649.3	0.00	99.66
100.0-101.0	3.7	0.4	14649.7	0.00	99.66
101.0-102.0	3.5	0.4	14650.0	0.00	99.66
102.0-103.0	3.1	0.3	14650.4	0.00	99.66
103.0-104.0	4.5	0.5	14650.9	0.00	99.67
104.0-105.0	5.1	0.5	14651.4	0.00	99.67
105.0-106.0	4.5	0.5	14651.9	0.00	99.67
106.0-107.0	4.3	0.4	14652.3	0.00	99.68
107.0-108.0	4.5	0.5	14652.8	0.00	99.68

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	4.2	0.4	14653.2	0.00	99.68
109.0-110.0	3.6	0.4	14653.6	0.00	99.69
110.0-111.0	4.1	0.4	14654.0	0.00	99.69
111.0-112.0	4.6	0.5	14654.5	0.00	99.69
112.0-113.0	4.4	0.4	14654.9	0.00	99.69
113.0-114.0	4.5	0.5	14655.4	0.00	99.70
114.0-115.0	4.8	0.5	14655.8	0.00	99.70
115.0-116.0	4.9	0.5	14656.3	0.00	99.70
116.0-117.0	4.9	0.5	14656.8	0.00	99.71
117.0-118.0	5.0	0.5	14657.3	0.00	99.71
118.0-119.0	5.0	0.5	14657.8	0.00	99.71
119.0-120.0	4.8	0.5	14658.2	0.00	99.72
120.0-121.0	5.6	0.5	14658.8	0.00	99.72
121.0-122.0	6.1	0.6	14659.3	0.00	99.72
122.0-123.0	6.6	0.6	14659.9	0.00	99.73
123.0-124.0	6.8	0.6	14660.6	0.00	99.73
124.0-125.0	6.8	0.6	14661.2	0.00	99.74
125.0-126.0	7.0	0.6	14661.8	0.00	99.74
126.0-127.0	7.4	0.7	14662.5	0.00	99.75
127.0-128.0	7.8	0.7	14663.1	0.00	99.75
128.0-129.0	7.9	0.7	14663.8	0.00	99.76
129.0-130.0	8.5	0.7	14664.5	0.00	99.76
130.0-131.0	9.0	0.7	14665.3	0.01	99.76
131.0-132.0	9.0	0.7	14666.0	0.01	99.77
132.0-133.0	9.6	0.8	14666.8	0.01	99.78
133.0-134.0	10.1	0.8	14667.6	0.01	99.78
134.0-135.0	10.1	0.8	14668.4	0.01	99.79
135.0-136.0	11.1	0.9	14669.2	0.01	99.79
136.0-137.0	11.5	0.9	14670.1	0.01	99.80
137.0-138.0	11.5	0.9	14671.0	0.01	99.80
138.0-139.0	12.1	0.9	14671.8	0.01	99.81
139.0-140.0	12.7	0.9	14672.7	0.01	99.82
140.0-141.0	13.3	0.9	14673.7	0.01	99.82
141.0-142.0	13.4	0.9	14674.6	0.01	99.83
142.0-143.0	13.3	0.9	14675.5	0.01	99.83
143.0-144.0	14.6	1.0	14676.4	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	14677.4	0.01	99.85
145.0-146.0	15.1	0.9	14678.3	0.01	99.85
146.0-147.0	15.8	1.0	14679.3	0.01	99.86
147.0-148.0	16.3	1.0	14680.3	0.01	99.87
148.0-149.0	17.0	1.0	14681.2	0.01	99.87
149.0-150.0	18.0	1.0	14682.2	0.01	99.88
150.0-151.0	18.6	1.0	14683.2	0.01	99.89
151.0-152.0	19.1	1.0	14684.2	0.01	99.89
152.0-153.0	19.5	1.0	14685.2	0.01	99.90
153.0-154.0	19.5	1.0	14686.2	0.01	99.91
154.0-155.0	19.7	0.9	14687.1	0.01	99.91
155.0-156.0	20.0	0.9	14688.0	0.01	99.92
156.0-157.0	20.3	0.9	14688.9	0.01	99.93
157.0-158.0	20.6	0.9	14689.8	0.01	99.93
158.0-159.0	20.7	0.8	14690.6	0.01	99.94
159.0-160.0	20.6	0.8	14691.4	0.01	99.94
160.0-161.0	21.1	0.8	14692.2	0.01	99.95
161.0-162.0	21.7	0.8	14692.9	0.01	99.95
162.0-163.0	22.0	0.7	14693.6	0.00	99.96
163.0-164.0	21.3	0.7	14694.3	0.00	99.96
164.0-165.0	21.0	0.6	14694.9	0.00	99.97
165.0-166.0	22.0	0.6	14695.5	0.00	99.97
166.0-167.0	22.4	0.6	14696.1	0.00	99.97
167.0-168.0	22.5	0.5	14696.6	0.00	99.98
168.0-169.0	22.8	0.5	14697.1	0.00	99.98
169.0-170.0	22.9	0.5	14697.6	0.00	99.98
170.0-171.0	23.4	0.4	14698.0	0.00	99.99
171.0-172.0	23.6	0.4	14698.4	0.00	99.99
172.0-173.0	23.6	0.3	14698.7	0.00	99.99
173.0-174.0	24.0	0.3	14699.0	0.00	99.99
174.0-175.0	23.4	0.2	14699.3	0.00	100.00
175.0-176.0	23.2	0.2	14699.5	0.00	100.00
176.0-177.0	23.4	0.2	14699.6	0.00	100.00
177.0-178.0	22.2	0.1	14699.7	0.00	100.00
178.0-179.0	21.8	0.1	14699.8	0.00	100.00
179.0-180.0	22.3	0.0	14699.8	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°): 11361.23 lm

%lum = 77.3%

%lamp = 77.3%

cone flux(120°): 13775.81 lm

%lum = 93.7%

%lamp = 93.7%

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	7266.7	7266.7	7266.7	7266.7	7266.7	7266.7	7266.7	7266.7	7266.7	7266.7
G1.0	7267.7	7267.1	7266.6	7267.1	7265.9	7267.9	7267.6	7266.2	7269.1	7265.0
G2.0	7264.0	7269.6	7266.4	7265.5	7262.6	7264.7	7264.7	7264.1	7266.2	7269.6
G3.0	7262.0	7267.4	7263.2	7265.4	7260.1	7264.0	7262.3	7265.5	7266.6	7268.1
G4.0	7260.8	7263.0	7263.5	7263.5	7259.1	7264.7	7263.1	7262.8	7261.7	7267.7
G5.0	7256.3	7259.8	7258.9	7260.6	7260.1	7261.8	7262.1	7263.3	7264.0	7265.4
G6.0	7257.0	7257.3	7259.3	7259.4	7259.9	7260.4	7257.8	7259.3	7260.3	7260.5
G7.0	7255.3	7255.4	7254.9	7260.1	7256.3	7257.0	7256.3	7254.9	7256.8	7258.3
G8.0	7255.9	7252.2	7253.5	7255.4	7258.2	7252.1	7253.7	7253.5	7254.4	7258.6
G9.0	7256.6	7251.9	7254.0	7253.3	7253.1	7247.6	7253.6	7253.5	7253.3	7254.4
G10.0	7259.2	7255.1	7253.2	7250.9	7252.6	7242.7	7245.9	7245.3	7253.3	7251.2
G11.0	7257.5	7255.7	7254.9	7250.9	7248.5	7241.3	7243.8	7241.7	7253.3	7251.9
G12.0	7253.6	7256.1	7252.9	7249.6	7245.4	7237.2	7233.7	7237.1	7253.1	7249.3
G13.0	7253.4	7253.4	7250.6	7245.9	7242.4	7230.6	7234.8	7232.3	7249.4	7248.8
G14.0	7250.4	7253.7	7249.5	7245.9	7238.1	7229.0	7227.8	7226.6	7247.0	7246.6
G15.0	7244.7	7250.7	7244.6	7241.8	7235.9	7221.5	7221.5	7223.2	7244.3	7242.4
G16.0	7241.3	7245.4	7239.3	7237.5	7227.2	7217.1	7219.1	7217.5	7237.1	7239.5
G17.0	7240.0	7241.2	7235.6	7234.8	7223.1	7209.4	7207.3	7208.8	7231.2	7231.4
G18.0	7236.3	7234.8	7230.7	7225.3	7220.2	7203.0	7200.1	7200.4	7221.4	7226.8
G19.0	7226.8	7229.2	7223.2	7216.3	7206.8	7190.3	7187.8	7190.8	7210.5	7212.3
G20.0	7214.7	7219.9	7214.1	7206.2	7195.7	7181.5	7171.6	7173.0	7193.8	7202.2
G21.0	7201.6	7204.0	7199.7	7192.4	7183.5	7164.6	7156.0	7159.6	7175.6	7183.6
G22.0	7186.9	7191.5	7186.0	7173.4	7166.1	7146.5	7136.7	7137.1	7159.8	7164.2
G23.0	7164.4	7171.1	7167.2	7153.2	7146.7	7124.5	7109.4	7115.0	7138.4	7140.8
G24.0	7139.3	7146.9	7142.0	7124.4	7117.7	7094.7	7076.6	7084.5	7111.7	7109.4
G25.0	7101.4	7114.5	7109.2	7089.2	7082.7	7061.1	7044.8	7049.6	7078.0	7070.2
G26.0	7053.7	7070.4	7067.4	7050.9	7043.8	7023.4	7006.0	7011.3	7034.4	7026.9
G27.0	7004.4	7019.7	7018.3	7001.5	6998.2	6979.1	6963.3	6973.8	6986.7	6977.6
G28.0	6940.1	6957.7	6962.1	6950.1	6943.7	6921.3	6914.6	6920.8	6932.8	6916.9
G29.0	6863.0	6890.6	6889.8	6886.3	6883.3	6863.9	6863.5	6868.1	6871.2	6851.7
G30.0	6783.3	6815.6	6816.2	6812.0	6809.9	6797.5	6795.4	6798.6	6804.9	6777.4
G31.0	6691.1	6721.8	6728.0	6731.1	6730.5	6717.9	6715.6	6730.3	6716.0	6683.8
G32.0	6576.9	6616.2	6628.8	6635.0	6638.4	6625.7	6623.9	6638.4	6623.4	6587.1
G33.0	6459.4	6490.3	6508.0	6509.7	6516.5	6512.7	6528.0	6541.0	6519.0	6477.8
G34.0	6311.4	6339.7	6383.3	6378.8	6389.6	6384.1	6407.8	6429.3	6400.8	6349.4
G35.0	6148.7	6173.6	6233.3	6231.2	6249.1	6243.6	6272.6	6301.9	6262.7	6205.4
G36.0	5965.0	5987.9	6048.5	6050.2	6092.2	6086.9	6113.9	6146.7	6086.1	6029.5

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	5748.2	5775.0	5863.0	5858.1	5900.9	5908.4	5945.0	5983.0	5897.3	5848.5
G38.0	5500.0	5544.7	5633.2	5626.7	5677.2	5677.9	5752.1	5795.1	5686.0	5641.2
G39.0	5193.4	5246.3	5352.8	5351.7	5401.3	5425.8	5514.3	5547.5	5443.4	5390.6
G40.0	4883.7	4941.1	5041.7	5054.6	5091.6	5132.4	5229.3	5282.3	5165.4	5089.0
G41.0	4543.3	4583.3	4676.3	4693.2	4738.8	4803.2	4875.5	4980.9	4824.4	4719.9
G42.0	4184.8	4208.1	4345.3	4319.6	4414.1	4462.5	4533.7	4603.3	4417.5	4384.5
G43.0	3872.6	3895.0	3974.1	4008.8	4057.9	4092.1	4178.0	4245.4	4070.5	4062.1
G44.0	3553.9	3586.6	3631.9	3671.3	3744.2	3757.6	3871.3	3909.6	3728.5	3740.7
G45.0	3256.2	3278.9	3301.6	3360.8	3402.5	3451.0	3560.1	3553.0	3368.8	3394.0
G46.0	2991.0	2992.2	3004.7	3094.8	3092.1	3172.3	3252.6	3219.8	3064.1	3108.1
G47.0	2732.0	2745.0	2762.9	2827.2	2837.3	2893.5	2978.0	2915.9	2787.3	2837.9
G48.0	2517.7	2506.2	2531.5	2579.6	2597.2	2666.3	2729.6	2679.7	2544.0	2601.9
G49.0	2298.8	2307.7	2343.8	2369.9	2374.8	2443.6	2477.3	2452.5	2333.3	2380.3
G50.0	2114.8	2123.7	2162.4	2175.7	2193.2	2259.3	2265.0	2268.4	2141.1	2159.5
G51.0	1949.4	1959.3	1980.5	2000.2	2024.6	2090.5	2074.3	2088.1	1981.6	1991.4
G52.0	1804.6	1814.1	1813.9	1829.4	1860.6	1929.9	1872.0	1916.2	1839.0	1844.2
G53.0	1682.6	1688.2	1658.2	1701.4	1734.6	1791.2	1711.1	1773.7	1705.3	1703.3
G54.0	1547.0	1560.1	1509.0	1560.4	1604.9	1646.4	1564.5	1619.0	1574.3	1577.4
G55.0	1436.1	1446.1	1379.5	1445.1	1474.3	1512.2	1451.6	1491.6	1445.0	1445.4
G56.0	1316.2	1330.0	1262.2	1339.0	1358.8	1393.7	1338.0	1369.8	1330.8	1340.0
G57.0	1209.9	1221.2	1160.0	1238.7	1257.5	1279.5	1232.1	1251.2	1215.8	1239.3
G58.0	1102.3	1121.1	1061.1	1138.1	1147.2	1172.6	1136.7	1136.3	1118.7	1148.9
G59.0	1012.4	1022.8	969.2	1052.8	1045.2	1057.5	1059.0	1041.4	1025.1	1044.3
G60.0	921.5	936.5	896.5	965.1	953.9	969.6	971.4	950.5	922.7	961.0
G61.0	844.7	851.5	820.8	889.1	874.9	890.3	894.5	864.0	841.5	875.5
G62.0	767.1	775.4	751.9	811.4	800.6	809.0	823.6	793.0	770.0	805.3
G63.0	691.3	714.1	685.6	741.1	723.2	734.0	752.4	729.3	702.6	733.2
G64.0	626.7	647.2	628.9	675.4	659.1	670.7	691.5	661.2	631.6	667.6
G65.0	579.2	587.9	577.6	617.4	599.5	602.9	622.4	595.2	575.2	609.5
G66.0	523.0	532.4	521.8	557.4	545.4	550.3	570.9	538.0	523.3	556.4
G67.0	477.7	482.9	474.6	512.1	492.4	497.0	513.9	489.7	474.0	505.6
G68.0	425.5	441.0	426.7	457.9	450.0	449.2	470.5	446.7	424.1	454.5
G69.0	385.2	396.2	389.3	417.7	405.3	399.6	417.0	399.3	387.1	412.0
G70.0	347.9	356.0	350.3	373.8	367.1	366.9	371.7	362.2	351.2	373.9
G71.0	312.5	324.3	316.1	339.7	328.1	326.5	343.6	325.3	311.8	341.7
G72.0	280.0	289.3	286.9	305.1	298.8	296.3	306.7	291.0	282.2	298.9
G73.0	249.5	261.4	259.8	269.4	268.4	269.0	276.8	269.6	249.9	269.7

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 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	232.2	232.7	243.5	241.3	240.2	252.3	239.6	222.1	238.9
G75.0	197.7	201.8	207.7	217.5	212.8	218.7	220.9	215.1	198.5	219.7
G76.0	175.4	176.1	184.0	194.4	192.1	192.8	194.1	192.5	172.8	193.0
G77.0	151.0	155.8	158.9	166.6	171.1	174.8	171.4	166.6	153.6	162.2
G78.0	129.8	136.0	138.1	143.5	146.3	153.3	147.9	148.3	132.8	147.0
G79.0	110.3	120.0	119.0	124.0	128.9	132.8	129.3	129.2	111.3	122.7
G80.0	86.9	95.0	98.7	102.5	107.1	107.6	106.8	106.4	91.4	95.0
G81.0	64.0	64.9	76.2	82.5	85.1	85.1	90.0	86.5	73.2	74.5
G82.0	46.5	51.0	56.7	49.7	67.3	70.1	69.2	66.8	54.9	59.5
G83.0	37.4	38.2	41.6	46.1	51.6	56.3	51.4	39.1	36.2	43.3
G84.0	26.1	32.3	33.0	34.3	40.7	41.6	40.1	38.6	16.0	30.6
G85.0	17.3	21.5	19.3	27.3	28.8	26.4	25.8	30.7	16.3	19.1
G86.0	0.0	11.3	15.6	18.2	22.6	20.6	19.3	20.1	0.0	9.5
G87.0	0.0	0.0	8.6	0.0	9.5	13.3	13.8	15.8	0.0	0.0
G88.0	0.0	0.0	7.8	8.1	11.6	7.0	10.8	9.4	0.0	0.0
G89.0	0.0	0.0	8.0	0.0	8.0	11.1	8.5	9.4	0.0	0.0
G90.0	0.0	0.0	9.1	0.0	7.1	8.4	10.6	10.1	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	8.7	8.9	7.2	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	9.4	11.3	9.7	11.7	0.0	0.0
G93.0	0.0	0.0	0.0	9.7	0.0	0.0	10.4	11.1	0.0	0.0
G94.0	0.0	0.0	0.0	7.6	8.7	7.3	7.9	8.7	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	7.7	0.0	9.4	10.3	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	8.7	8.7	0.0	11.7	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	8.9	8.5	8.9	7.2	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	7.3	0.0	8.2	7.9	0.0	0.0
G99.0	0.0	0.0	0.0	6.8	0.0	9.9	9.2	10.6	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	8.0	12.1	8.7	0.0	0.0
G101.0	0.0	0.0	0.0	7.3	8.2	10.4	9.9	9.3	0.0	0.0
G102.0	0.0	0.0	0.0	9.5	0.0	0.0	12.1	11.1	0.0	0.0
G103.0	0.0	0.0	0.0	8.8	9.0	9.2	0.0	9.3	0.0	0.0
G104.0	0.0	0.0	7.3	8.5	8.7	10.9	11.3	11.1	0.0	0.0
G105.0	0.0	0.0	8.1	0.0	8.5	10.7	9.7	8.6	0.0	0.0
G106.0	0.0	0.0	7.1	0.0	8.3	0.0	7.5	8.1	0.0	0.0
G107.0	0.0	0.0	0.0	7.1	8.5	7.2	10.4	9.9	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	9.4	10.1	7.9	11.3	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	8.9	9.2	9.6	9.9	0.0	0.0
G110.0	0.0	0.0	7.4	9.3	0.0	8.7	9.2	9.6	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	7.8	8.5	9.7	7.9	10.3	0.0	0.0
G112.0	0.0	0.0	7.4	6.8	7.0	7.8	0.0	11.7	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	9.4	8.9	10.8	9.9	0.0	0.0
G114.0	0.0	0.0	0.0	7.5	0.0	10.4	12.3	12.3	0.0	0.0
G115.0	0.0	0.0	7.6	0.0	11.1	10.1	10.4	10.6	0.0	0.0
G116.0	0.0	0.0	0.0	9.0	0.0	11.8	11.6	12.9	0.0	0.0
G117.0	0.0	0.0	0.0	7.6	0.0	10.6	9.7	9.6	0.0	0.0
G118.0	0.0	0.0	6.8	8.8	0.0	9.4	10.3	10.6	0.0	0.0
G119.0	0.0	0.0	7.6	8.8	0.0	13.1	10.8	9.8	0.0	0.0
G120.0	0.0	0.0	10.3	0.0	7.3	8.0	9.6	11.8	0.0	0.0
G121.0	0.0	0.0	8.3	0.0	9.0	11.4	13.8	13.0	0.0	0.0
G122.0	0.0	0.0	6.9	7.0	9.7	13.1	10.4	12.3	0.0	0.0
G123.0	0.0	0.0	8.1	9.0	7.5	11.4	12.3	12.5	0.0	0.0
G124.0	0.0	0.0	8.8	0.0	10.9	10.6	11.8	13.4	0.0	0.0
G125.0	0.0	0.0	11.5	7.5	8.3	13.1	8.4	12.5	0.0	0.0
G126.0	0.0	0.0	0.0	8.3	9.2	13.6	12.1	12.7	0.0	0.0
G127.0	0.0	0.0	8.6	8.0	12.4	11.4	9.6	13.4	0.0	0.0
G128.0	0.0	0.0	10.5	8.3	10.7	11.8	11.4	10.3	0.0	0.0
G129.0	0.0	8.8	7.6	10.7	10.4	13.1	12.1	13.4	0.0	0.0
G130.0	0.0	0.0	11.0	11.5	13.1	13.6	10.1	12.5	0.0	0.0
G131.0	0.0	9.1	12.0	9.7	12.4	10.2	13.5	17.1	0.0	0.0
G132.0	0.0	0.0	11.2	11.9	10.9	11.3	13.7	9.4	0.0	0.0
G133.0	0.0	8.1	10.0	11.4	17.5	14.5	15.4	13.5	0.0	0.0
G134.0	0.0	7.4	11.5	12.9	9.0	13.1	14.4	13.2	0.0	0.0
G135.0	0.0	8.4	13.9	11.7	12.4	13.3	17.3	17.7	0.0	0.0
G136.0	0.0	9.8	11.7	16.8	13.3	15.5	14.5	15.4	0.0	7.6
G137.0	0.0	9.6	13.0	12.6	12.9	16.4	13.0	17.7	0.0	0.0
G138.0	0.0	8.4	10.8	13.7	15.8	18.8	18.1	16.3	0.0	0.0
G139.0	0.0	10.1	15.1	13.7	16.3	14.5	21.0	19.2	0.0	0.0
G140.0	7.1	9.6	17.3	13.9	15.8	19.3	16.6	17.1	0.0	0.0
G141.0	0.0	14.0	20.1	14.3	14.1	15.3	18.3	19.4	0.0	8.1
G142.0	7.6	7.6	10.7	14.3	15.7	14.8	17.4	15.9	0.0	0.0
G143.0	0.0	12.3	18.1	13.9	15.2	19.1	18.6	17.3	0.0	11.2
G144.0	8.6	10.8	16.6	17.0	18.2	21.8	20.8	21.3	7.4	11.2
G145.0	8.8	15.0	14.7	15.9	16.7	18.9	18.4	18.0	0.0	11.0
G146.0	8.4	13.2	17.9	18.5	14.5	14.8	20.5	15.4	7.1	9.0
G147.0	8.6	12.8	20.0	15.8	17.2	17.2	21.0	19.0	0.0	13.5

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 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	11.3	13.3	21.5	16.5	20.9	23.0	21.5	19.5	8.9	9.0
G149.0	11.6	13.3	17.3	19.5	23.0	21.0	23.2	19.0	0.0	12.2
G150.0	10.6	15.2	23.5	19.5	17.5	21.5	21.7	22.8	10.6	14.7
G151.0	9.3	18.2	20.3	20.0	23.7	22.8	22.9	19.7	8.8	15.5
G152.0	13.6	21.3	22.5	21.4	21.5	23.0	22.9	22.5	8.6	10.5
G153.0	13.6	20.3	26.2	19.2	21.3	22.5	26.1	20.6	7.2	13.5
G154.0	15.3	18.8	21.3	18.3	22.0	22.0	25.1	25.0	9.6	13.2
G155.0	11.5	15.7	25.0	22.4	24.4	23.5	24.3	22.5	9.3	12.3
G156.0	14.3	20.6	22.3	17.5	24.0	24.7	28.7	21.3	11.1	12.3
G157.0	14.3	18.9	24.0	21.0	24.4	22.3	24.3	24.7	0.0	17.2
G158.0	15.8	15.2	19.0	23.4	23.2	23.2	25.8	26.4	8.6	15.9
G159.0	12.1	20.6	23.5	20.0	23.3	23.4	29.2	20.7	10.6	12.3
G160.0	13.1	19.3	25.6	24.1	21.8	24.9	24.4	22.6	10.1	17.7
G161.0	15.0	19.3	21.0	25.5	24.5	25.9	24.8	27.2	9.8	15.9
G162.0	16.8	20.5	22.9	27.5	24.0	26.6	26.3	23.3	8.6	14.2
G163.0	14.0	19.6	25.2	22.4	24.9	23.0	26.7	22.8	16.7	15.2
G164.0	12.1	22.8	17.6	22.7	24.2	29.2	26.8	25.0	7.6	12.3
G165.0	15.2	22.0	23.7	22.6	20.8	21.8	24.8	26.2	12.5	15.2
G166.0	15.7	19.8	18.8	24.8	25.7	27.3	29.6	27.8	9.9	18.6
G167.0	12.8	20.6	23.2	26.5	26.6	25.4	27.7	24.3	11.5	15.5
G168.0	19.2	20.6	24.4	25.6	24.9	23.4	25.5	26.2	15.0	15.9
G169.0	18.4	16.4	23.2	24.6	23.2	26.1	27.3	26.6	11.6	17.2
G170.0	16.5	16.4	19.1	21.7	22.0	26.8	29.7	25.9	13.1	20.5
G171.0	18.0	21.1	25.9	25.6	22.3	26.9	33.1	26.4	10.9	18.6
G172.0	18.0	21.1	23.0	28.3	26.1	26.6	29.0	26.4	12.8	20.3
G173.0	18.9	19.9	27.2	23.1	25.0	27.1	27.3	24.3	11.3	18.2
G174.0	16.7	22.5	22.3	20.4	28.6	28.6	27.3	28.6	13.6	14.5
G175.0	17.3	21.8	22.2	25.8	20.9	27.8	23.6	22.5	12.3	14.7
G176.0	16.2	21.5	25.0	22.1	26.4	23.4	28.9	26.6	14.5	17.2
G177.0	15.2	21.6	22.7	20.9	28.1	23.9	28.7	27.8	12.5	20.1
G178.0	12.6	19.6	22.7	26.8	23.8	22.3	25.8	20.6	9.4	18.1
G179.0	15.7	18.9	23.5	23.1	18.7	25.6	26.1	19.9	15.3	18.1
G180.0	19.2	18.9	21.7	19.9	28.9	26.6	26.0	19.9	11.5	19.3

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 5)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	7266.7	7266.7	7266.7	7266.7	7266.7	7266.7	7266.7			
G1.0	7266.0	7269.4	7267.2	7267.7	7266.4	7265.5	7267.7			
G2.0	7263.2	7265.4	7269.3	7265.2	7267.4	7270.0	7264.0			
G3.0	7262.0	7268.1	7268.1	7266.4	7265.9	7268.3	7262.0			
G4.0	7263.2	7264.3	7267.9	7264.5	7267.4	7271.9	7260.8			
G5.0	7261.3	7264.9	7266.4	7266.7	7267.2	7271.0	7256.3			
G6.0	7258.8	7264.5	7267.1	7265.7	7266.5	7269.3	7257.0			
G7.0	7258.3	7262.3	7264.2	7267.1	7270.1	7266.9	7255.3			
G8.0	7255.6	7259.6	7261.4	7267.4	7268.1	7268.3	7255.9			
G9.0	7251.5	7257.9	7263.8	7271.0	7266.9	7263.8	7256.6			
G10.0	7250.1	7254.7	7261.4	7272.0	7267.6	7263.6	7259.2			
G11.0	7249.3	7254.5	7257.9	7268.6	7271.3	7265.3	7257.5			
G12.0	7245.7	7254.8	7256.5	7267.7	7267.9	7264.8	7253.6			
G13.0	7249.8	7252.5	7258.5	7265.2	7264.5	7267.7	7253.4			
G14.0	7247.4	7254.7	7260.6	7263.3	7261.9	7267.2	7250.4			
G15.0	7246.1	7255.5	7257.5	7262.5	7259.2	7264.3	7244.7			
G16.0	7241.3	7249.2	7259.2	7259.4	7256.8	7259.9	7241.3			
G17.0	7237.3	7247.7	7255.5	7259.2	7257.7	7259.0	7240.0			
G18.0	7228.1	7240.4	7252.4	7254.3	7252.4	7248.4	7236.3			
G19.0	7215.1	7230.2	7242.7	7248.0	7243.1	7242.7	7226.8			
G20.0	7204.1	7219.4	7232.1	7236.0	7233.4	7229.4	7214.7			
G21.0	7184.1	7202.4	7214.6	7221.0	7218.7	7217.5	7201.6			
G22.0	7166.4	7184.9	7195.5	7198.4	7198.6	7194.9	7186.9			
G23.0	7137.3	7155.4	7166.4	7170.2	7173.4	7174.0	7164.4			
G24.0	7105.1	7120.8	7138.8	7143.3	7142.4	7149.1	7139.3			
G25.0	7067.9	7083.8	7096.4	7102.0	7105.4	7113.0	7101.4			
G26.0	7023.9	7035.6	7052.2	7058.7	7065.6	7064.1	7053.7			
G27.0	6964.3	6977.6	6997.5	7005.4	7012.3	7016.1	7004.4			
G28.0	6902.7	6914.0	6933.1	6943.3	6950.8	6956.2	6940.1			
G29.0	6828.4	6839.3	6863.5	6870.2	6877.9	6885.2	6863.0			
G30.0	6750.4	6755.9	6774.8	6782.5	6794.7	6801.7	6783.3			
G31.0	6661.9	6661.5	6666.5	6677.9	6701.8	6711.6	6691.1			
G32.0	6561.5	6547.0	6564.2	6565.8	6596.2	6593.3	6576.9			
G33.0	6433.0	6429.6	6440.5	6443.1	6474.6	6465.8	6459.4			
G34.0	6304.9	6295.0	6306.5	6307.6	6326.4	6322.5	6311.4			
G35.0	6157.9	6143.4	6149.2	6152.9	6171.5	6156.6	6148.7			
G36.0	5992.7	5974.0	5959.7	5958.4	5983.9	5963.1	5965.0			

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 6)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	5805.8	5760.6	5760.1	5759.6	5778.0	5726.9	5748.2			
G38.0	5559.9	5535.3	5523.9	5534.7	5532.9	5475.7	5500.0			
G39.0	5303.5	5267.4	5251.5	5252.2	5211.5	5186.0	5193.4			
G40.0	5016.3	4970.8	4954.7	4945.5	4876.9	4855.7	4883.7			
G41.0	4700.5	4638.9	4579.6	4587.8	4519.0	4516.5	4543.3			
G42.0	4383.4	4297.2	4244.3	4216.5	4184.7	4179.8	4184.8			
G43.0	4034.5	3967.5	3932.2	3888.0	3867.6	3815.7	3872.6			
G44.0	3701.0	3674.8	3616.3	3559.3	3537.0	3507.2	3553.9			
G45.0	3392.3	3388.1	3281.4	3221.7	3260.3	3227.0	3256.2			
G46.0	3108.8	3087.1	3000.1	2952.3	3001.1	2951.9	2991.0			
G47.0	2857.1	2828.4	2736.7	2711.8	2748.8	2735.1	2732.0			
G48.0	2624.9	2591.0	2505.1	2509.4	2521.6	2539.9	2517.7			
G49.0	2427.9	2374.7	2293.6	2325.1	2301.9	2358.4	2298.8			
G50.0	2255.3	2163.3	2095.8	2144.1	2115.8	2177.5	2114.8			
G51.0	2074.7	1995.3	1937.2	1982.4	1943.1	2011.8	1949.4			
G52.0	1900.8	1847.4	1793.9	1834.3	1780.6	1854.6	1804.6			
G53.0	1740.3	1712.8	1665.8	1686.1	1618.7	1709.1	1682.6			
G54.0	1581.6	1586.1	1550.4	1552.6	1503.4	1570.5	1547.0			
G55.0	1441.3	1454.7	1425.9	1415.6	1401.2	1431.6	1436.1			
G56.0	1305.9	1343.4	1318.8	1303.4	1302.0	1316.6	1316.2			
G57.0	1195.5	1242.7	1204.9	1201.8	1200.5	1208.7	1209.9			
G58.0	1093.8	1141.9	1105.8	1100.5	1120.0	1107.2	1102.3			
G59.0	1002.9	1055.0	1005.8	1007.2	1037.8	1018.1	1012.4			
G60.0	922.4	967.1	917.4	916.9	959.9	928.3	921.5			
G61.0	837.7	876.2	837.9	841.0	885.3	837.3	844.7			
G62.0	765.8	800.2	769.1	767.5	808.7	770.8	767.1			
G63.0	698.3	735.0	691.7	699.2	748.3	707.3	691.3			
G64.0	639.6	671.7	631.6	632.3	682.1	641.4	626.7			
G65.0	588.8	604.9	574.2	578.5	619.6	578.6	579.2			
G66.0	530.9	552.9	521.4	523.2	567.2	524.1	523.0			
G67.0	485.2	504.3	473.2	471.4	507.9	474.1	477.7			
G68.0	439.5	456.4	422.8	425.4	456.8	429.0	425.5			
G69.0	399.6	408.2	382.1	385.0	418.0	386.1	385.2			
G70.0	362.0	374.6	350.6	349.0	376.4	350.7	347.9			
G71.0	328.0	337.3	312.3	311.8	336.0	313.6	312.5			
G72.0	294.3	300.5	281.1	279.3	300.2	287.6	280.0			
G73.0	268.9	271.6	254.0	255.9	272.0	251.9	249.5			

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	236.6	243.0	229.0	230.0	244.5	227.1	225.5			
G75.0	215.4	214.0	206.9	203.7	213.0	201.7	197.7			
G76.0	193.9	188.8	184.4	178.8	189.1	181.8	175.4			
G77.0	165.0	164.7	158.4	163.3	163.0	161.1	151.0			
G78.0	146.9	144.7	141.2	140.0	142.5	136.8	129.8			
G79.0	126.9	121.8	121.1	120.5	122.2	117.2	110.3			
G80.0	101.4	101.6	98.3	96.5	95.7	97.2	86.9			
G81.0	84.1	78.6	80.2	78.6	76.4	77.1	64.0			
G82.0	54.2	63.3	61.6	56.9	59.1	58.8	46.5			
G83.0	45.0	40.7	49.0	40.8	47.8	40.6	37.4			
G84.0	35.5	36.7	38.1	31.9	34.7	33.6	26.1			
G85.0	21.5	28.5	27.2	26.3	18.4	24.2	17.3			
G86.0	15.6	20.9	21.1	15.7	20.3	17.8	0.0			
G87.0	10.5	9.7	13.6	9.2	8.5	14.7	0.0			
G88.0	7.1	0.0	7.8	9.7	11.8	12.0	0.0			
G89.0	0.0	0.0	0.0	8.0	10.3	7.9	0.0			
G90.0	0.0	0.0	9.9	10.7	9.6	12.5	0.0			
G91.0	0.0	0.0	9.4	9.5	7.3	11.3	0.0			
G92.0	0.0	0.0	7.0	7.3	9.6	7.9	0.0			
G93.0	0.0	0.0	10.6	8.0	8.2	8.2	0.0			
G94.0	0.0	0.0	7.3	0.0	10.3	9.9	0.0			
G95.0	0.0	0.0	0.0	7.3	0.0	10.5	0.0			
G96.0	0.0	0.0	0.0	8.4	8.5	8.7	0.0			
G97.0	0.0	0.0	0.0	0.0	7.3	7.2	0.0			
G98.0	0.0	0.0	0.0	7.8	8.2	8.7	0.0			
G99.0	0.0	0.0	8.5	0.0	10.1	9.3	0.0			
G100.0	0.0	0.0	0.0	0.0	7.7	9.1	0.0			
G101.0	0.0	7.6	0.0	0.0	7.5	11.0	0.0			
G102.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	8.4	8.5	7.4	0.0			
G104.0	0.0	0.0	8.5	7.7	10.4	0.0	0.0			
G105.0	0.0	0.0	8.3	6.8	9.9	7.4	0.0			
G106.0	0.0	0.0	7.1	8.2	10.3	9.6	0.0			
G107.0	0.0	0.0	7.0	0.0	10.8	9.4	0.0			
G108.0	0.0	0.0	10.7	0.0	11.3	11.8	0.0			
G109.0	0.0	0.0	0.0	7.2	8.5	7.5	0.0			
G110.0	0.0	0.0	0.0	0.0	8.5	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	7.8	8.2	9.2	7.4	0.0			
G112.0	0.0	0.0	0.0	9.9	9.2	9.4	0.0			
G113.0	0.0	0.0	7.8	8.9	7.7	8.1	0.0			
G114.0	0.0	7.3	6.8	0.0	8.7	8.7	0.0			
G115.0	0.0	8.7	0.0	0.0	9.6	9.9	0.0			
G116.0	0.0	0.0	9.0	8.7	9.7	7.5	0.0			
G117.0	0.0	0.0	8.5	9.5	10.4	9.8	0.0			
G118.0	0.0	0.0	9.0	11.8	8.7	9.3	0.0			
G119.0	0.0	0.0	0.0	9.5	8.0	8.9	0.0			
G120.0	0.0	0.0	11.2	0.0	8.2	9.9	0.0			
G121.0	0.0	11.5	0.0	9.9	11.6	12.9	0.0			
G122.0	0.0	0.0	0.0	10.4	10.1	12.2	0.0			
G123.0	7.1	6.8	8.2	11.3	12.6	11.7	0.0			
G124.0	0.0	0.0	8.5	10.7	10.9	12.7	0.0			
G125.0	7.1	9.5	6.8	10.4	11.6	11.5	0.0			
G126.0	7.1	0.0	9.9	9.2	12.1	12.9	0.0			
G127.0	8.0	8.0	11.1	11.4	12.3	15.8	0.0			
G128.0	0.0	10.7	11.4	9.4	12.8	12.0	0.0			
G129.0	0.0	8.7	10.9	12.4	12.3	12.7	0.0			
G130.0	7.8	10.5	9.0	12.8	12.1	14.1	0.0			
G131.0	0.0	10.5	14.1	11.9	12.6	15.6	0.0			
G132.0	8.0	7.8	15.5	11.6	15.7	12.7	0.0			
G133.0	13.5	13.4	11.4	10.6	12.8	16.8	0.0			
G134.0	11.7	9.0	10.7	11.6	14.9	14.9	0.0			
G135.0	12.2	12.2	11.2	10.9	13.8	14.2	0.0			
G136.0	7.6	12.4	13.6	16.0	12.5	18.0	0.0			
G137.0	13.0	12.2	14.0	14.3	15.4	17.8	0.0			
G138.0	14.4	13.2	14.0	10.4	17.6	15.6	0.0			
G139.0	12.0	12.7	17.9	17.9	12.8	17.3	0.0			
G140.0	13.5	14.4	12.8	18.8	15.4	14.9	7.1			
G141.0	10.3	10.5	17.4	18.9	18.6	18.7	0.0			
G142.0	12.2	14.9	18.2	19.6	18.8	21.8	7.6			
G143.0	10.7	13.1	17.9	14.8	15.9	18.3	0.0			
G144.0	11.2	17.3	13.6	18.2	18.4	19.5	8.6			
G145.0	14.2	13.2	15.0	18.4	20.8	15.8	8.8			
G146.0	14.4	17.1	19.6	11.8	22.4	23.1	8.4			
G147.0	14.4	17.6	17.0	18.6	21.4	23.6	8.6			

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	18.4	10.7	14.8	18.9	16.6	19.9	11.3			
G149.0	18.3	15.9	20.3	17.4	23.4	23.0	11.6			
G150.0	18.4	16.3	20.8	22.0	20.8	21.9	10.6			
G151.0	16.1	18.2	19.9	21.8	15.2	23.6	9.3			
G152.0	15.6	21.4	18.9	23.2	23.2	25.7	13.6			
G153.0	17.4	20.7	19.2	21.3	22.2	17.5	13.6			
G154.0	19.0	22.4	21.5	19.3	16.2	27.1	15.3			
G155.0	18.4	19.7	22.0	22.2	22.0	18.9	11.5			
G156.0	16.2	20.9	25.0	21.3	20.7	25.5	14.3			
G157.0	18.6	19.5	22.8	22.7	23.9	25.2	14.3			
G158.0	19.8	21.7	24.0	25.1	22.9	25.0	15.8			
G159.0	21.2	15.1	21.5	26.1	22.2	25.2	12.1			
G160.0	20.0	19.5	24.4	16.9	26.1	20.7	13.1			
G161.0	20.6	20.5	26.1	17.6	24.9	25.7	15.0			
G162.0	19.5	15.6	28.9	25.4	22.9	28.8	16.8			
G163.0	18.8	18.5	27.8	25.7	25.8	25.0	14.0			
G164.0	18.4	14.8	23.5	22.2	25.6	26.0	12.1			
G165.0	21.5	21.0	23.2	23.4	24.6	22.6	15.2			
G166.0	21.3	18.5	22.6	27.1	27.3	27.1	15.7			
G167.0	19.0	24.3	20.1	21.7	27.8	27.8	12.8			
G168.0	22.7	15.6	25.7	25.7	25.5	29.3	19.2			
G169.0	24.0	21.7	25.9	26.1	27.7	24.0	18.4			
G170.0	25.6	25.8	25.2	26.6	27.2	28.4	16.5			
G171.0	22.3	24.9	21.8	27.1	26.1	27.8	18.0			
G172.0	19.6	22.9	26.9	24.7	28.2	21.3	18.0			
G173.0	20.3	27.7	25.2	30.5	27.7	27.4	18.9			
G174.0	21.3	30.2	26.9	24.7	30.9	29.0	16.7			
G175.0	25.4	24.6	20.6	30.2	26.3	27.1	17.3			
G176.0	21.5	22.6	28.6	27.1	29.6	28.3	16.2			
G177.0	22.5	24.9	19.4	25.1	28.2	29.0	15.2			
G178.0	18.1	22.2	25.0	25.4	26.1	20.7	12.6			
G179.0	21.5	25.5	28.4	25.6	28.4	25.0	15.7			
G180.0	19.0	21.7	19.9	29.0	26.7	26.0	19.2			

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: