

Report No.:

Test Time: 2021-10-13 15:47

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 1.239 A

Power Factor: 0.998

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 148.62 W

Photometric Results

CIE Class: Direct

Measurement Flux: 21483 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.5, 126.9, 126.5, 125.8

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 88.6, 88.8, 88.1, 89.1

Luminaire Efficacy Rating (LER): 144.60

Max. Intensity: 10551.25 cd

S/MH(C0/C180): 1.34

Total Rated Lamp Lumens: 21483.0 lm

Efficiency: 100%

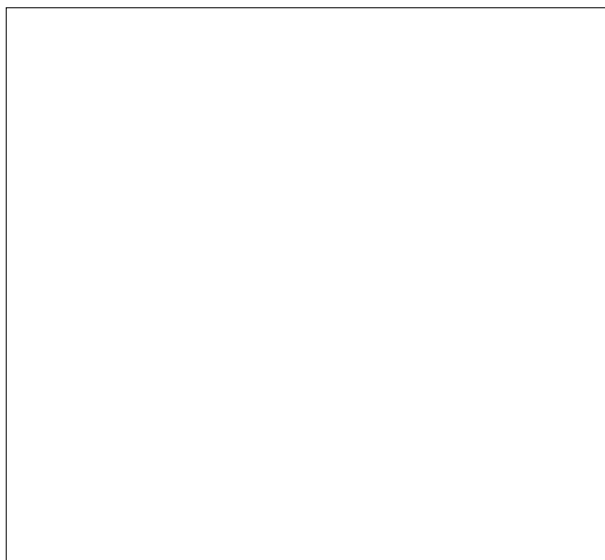
Upward Ratio: 0%

C0r0 Intensity: 10542.52 cd

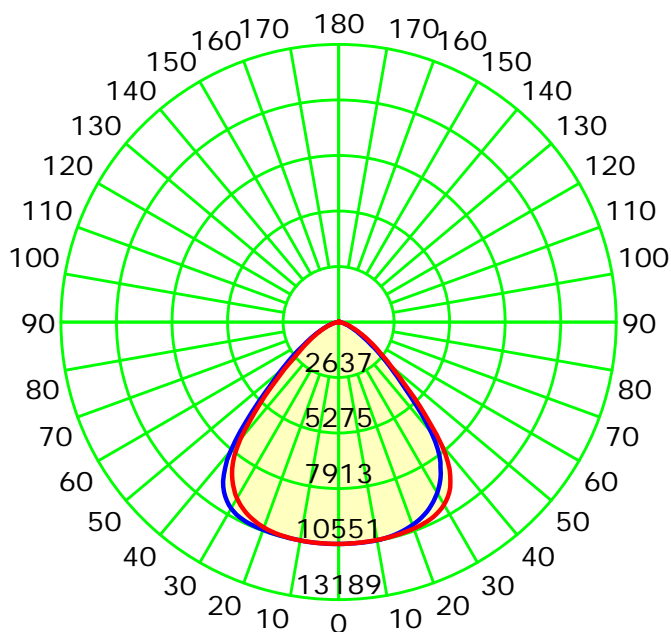
Pos of Max. Intensity: H315 V5

S/MH(C90/C270): 1.35

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 88.7°

— 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

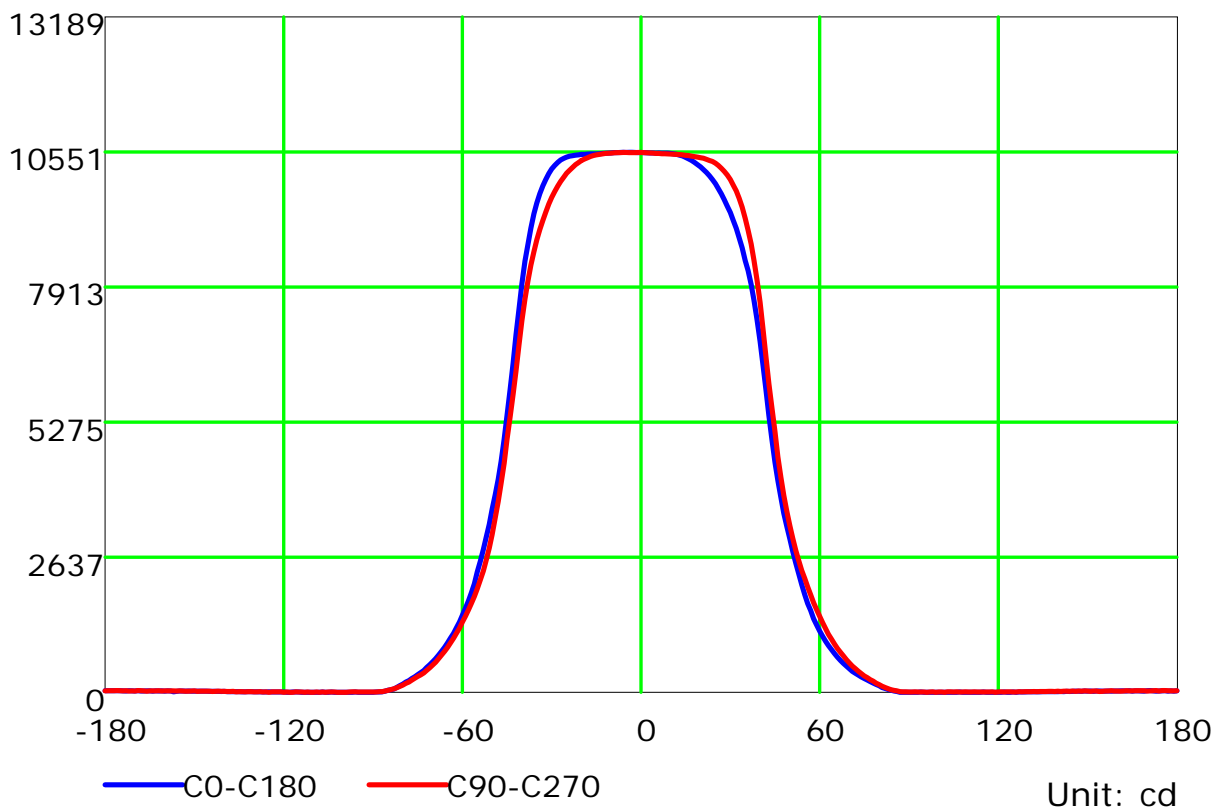
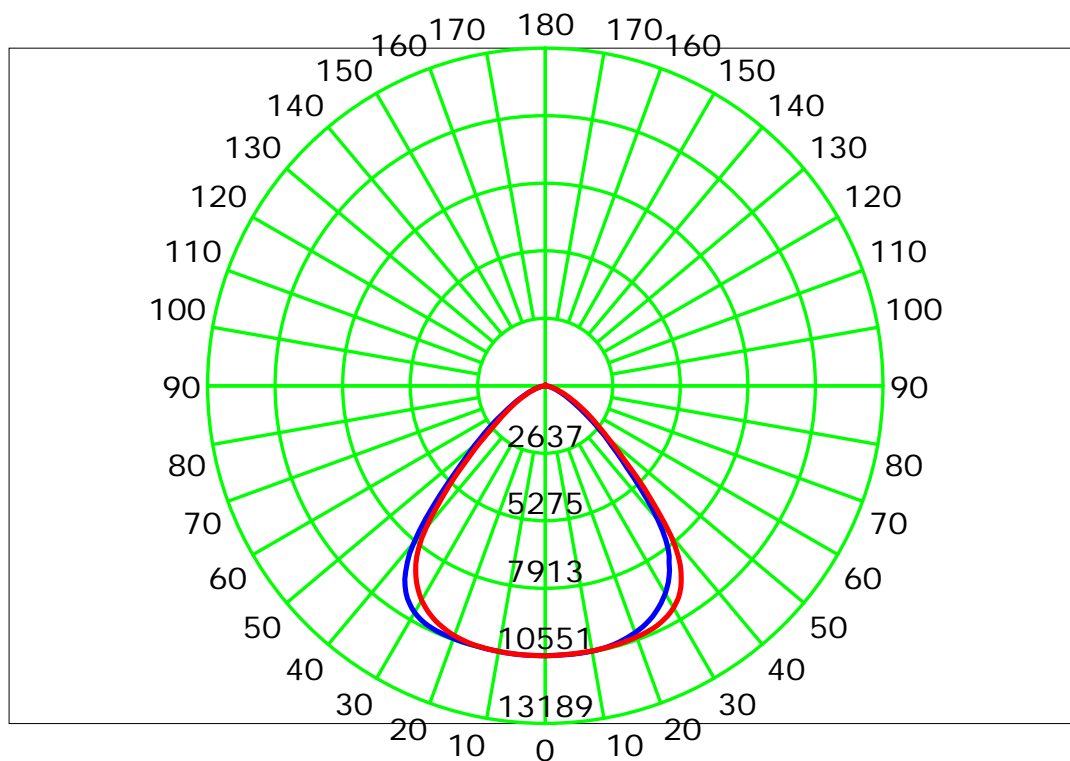
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

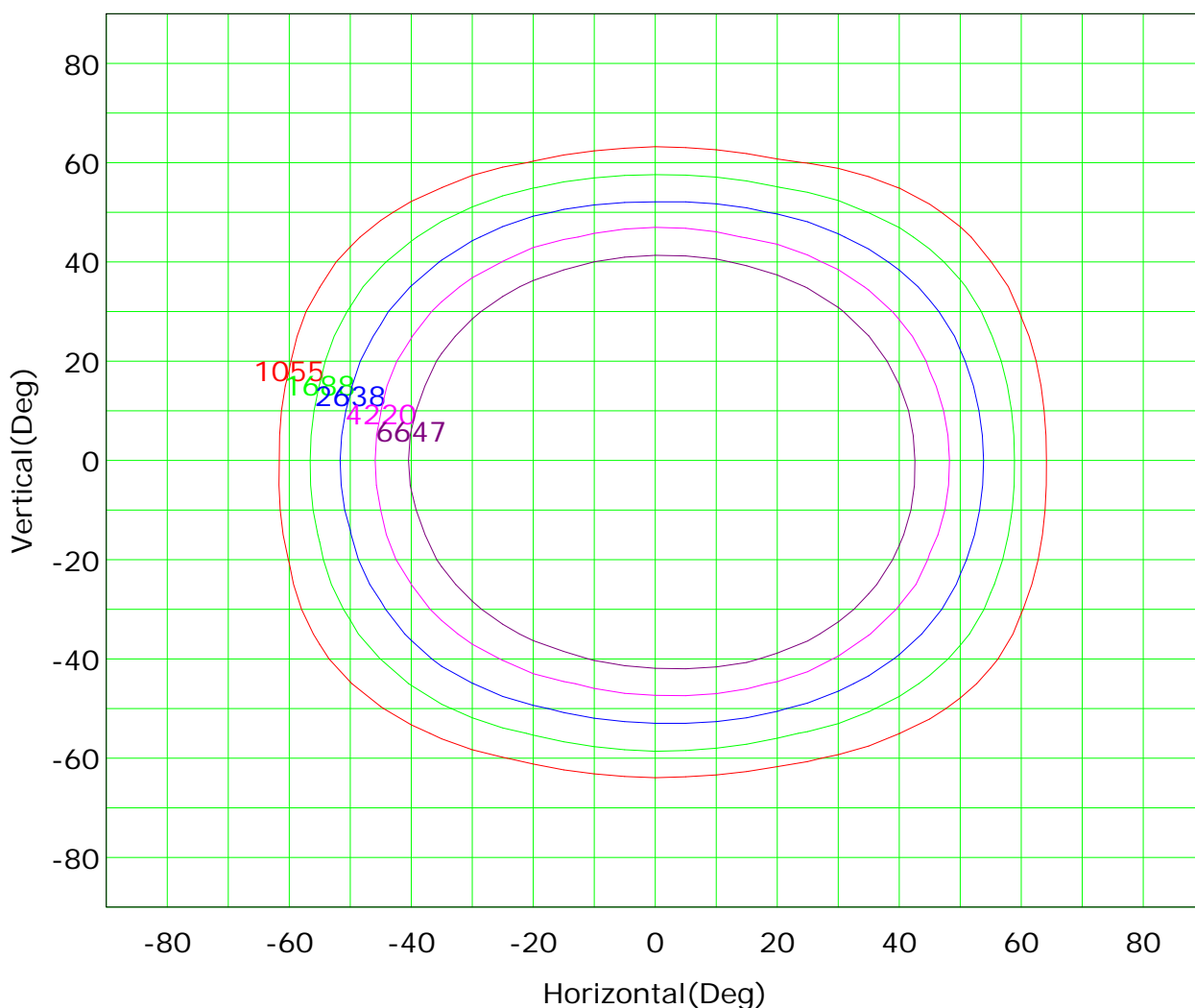
Luminous Intensity Distribution Curve



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)



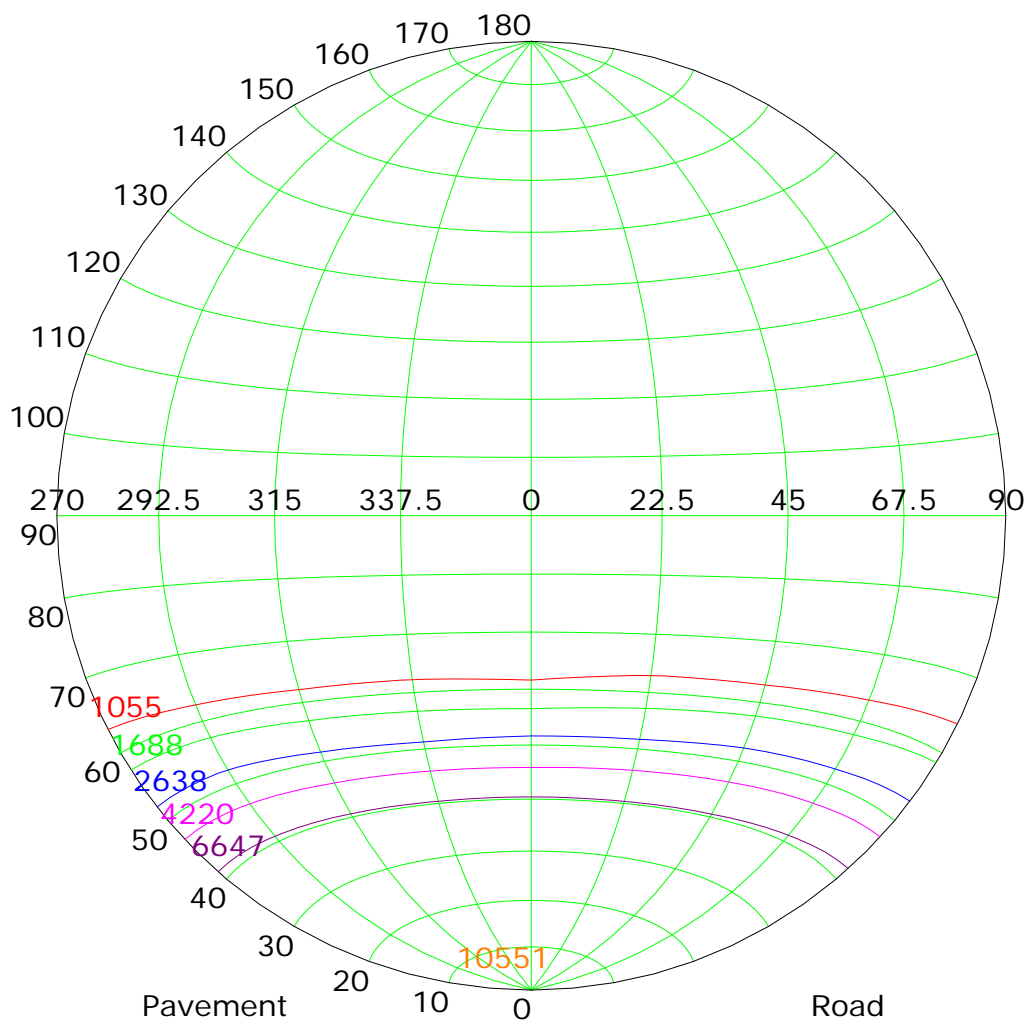
Imax (100%): 10551 cd

(10%): 1055 cd	(16%): 1688 cd
(25%): 2638 cd	(40%): 4220 cd
(63%): 6647 cd	(100%): 10551 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)



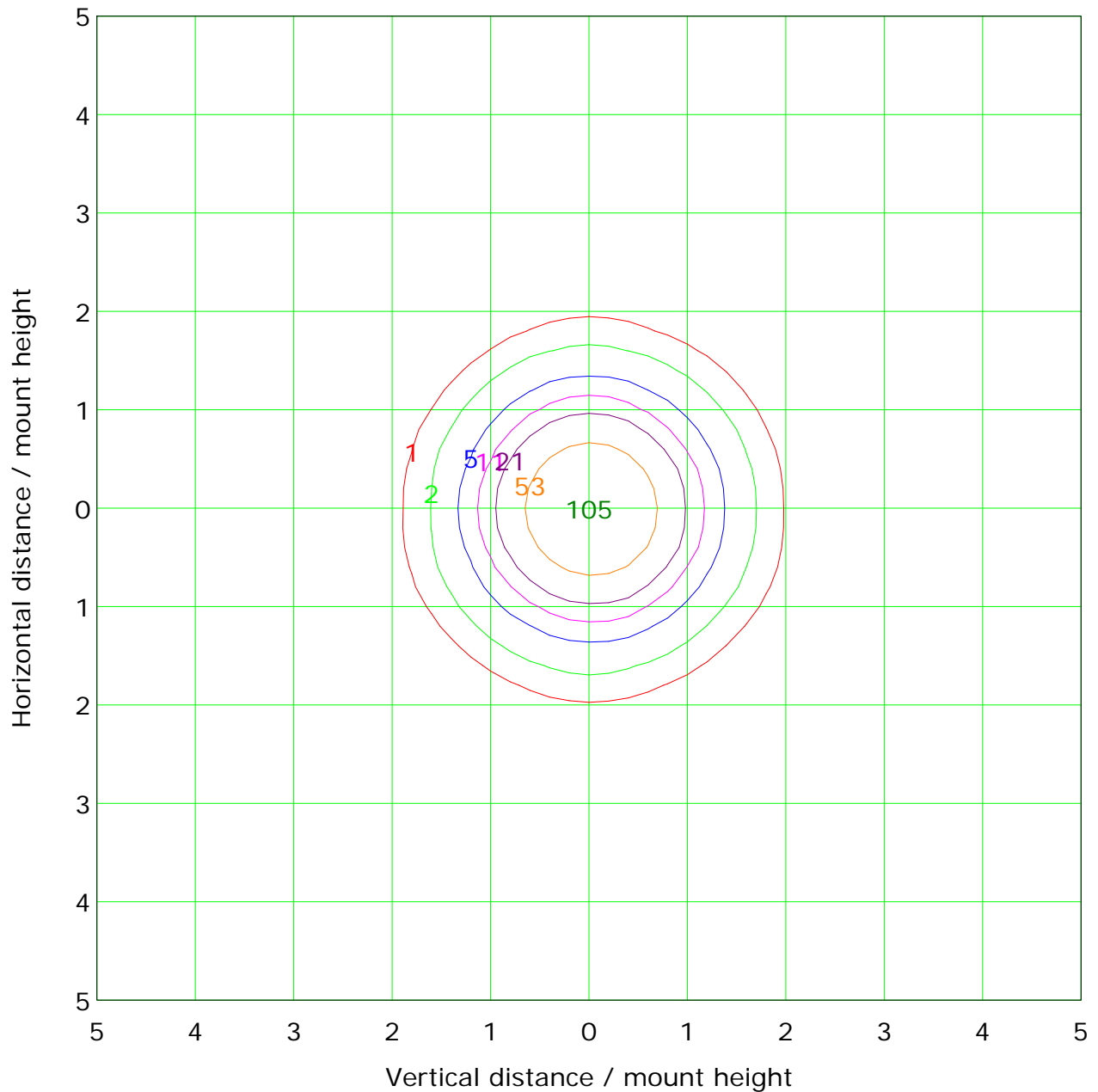
Imax (100%): 10551 cd

(10%): 1055 cd	(16%): 1688 cd
(25%): 2638 cd	(40%): 4220 cd
(63%): 6647 cd	(100%): 10551 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

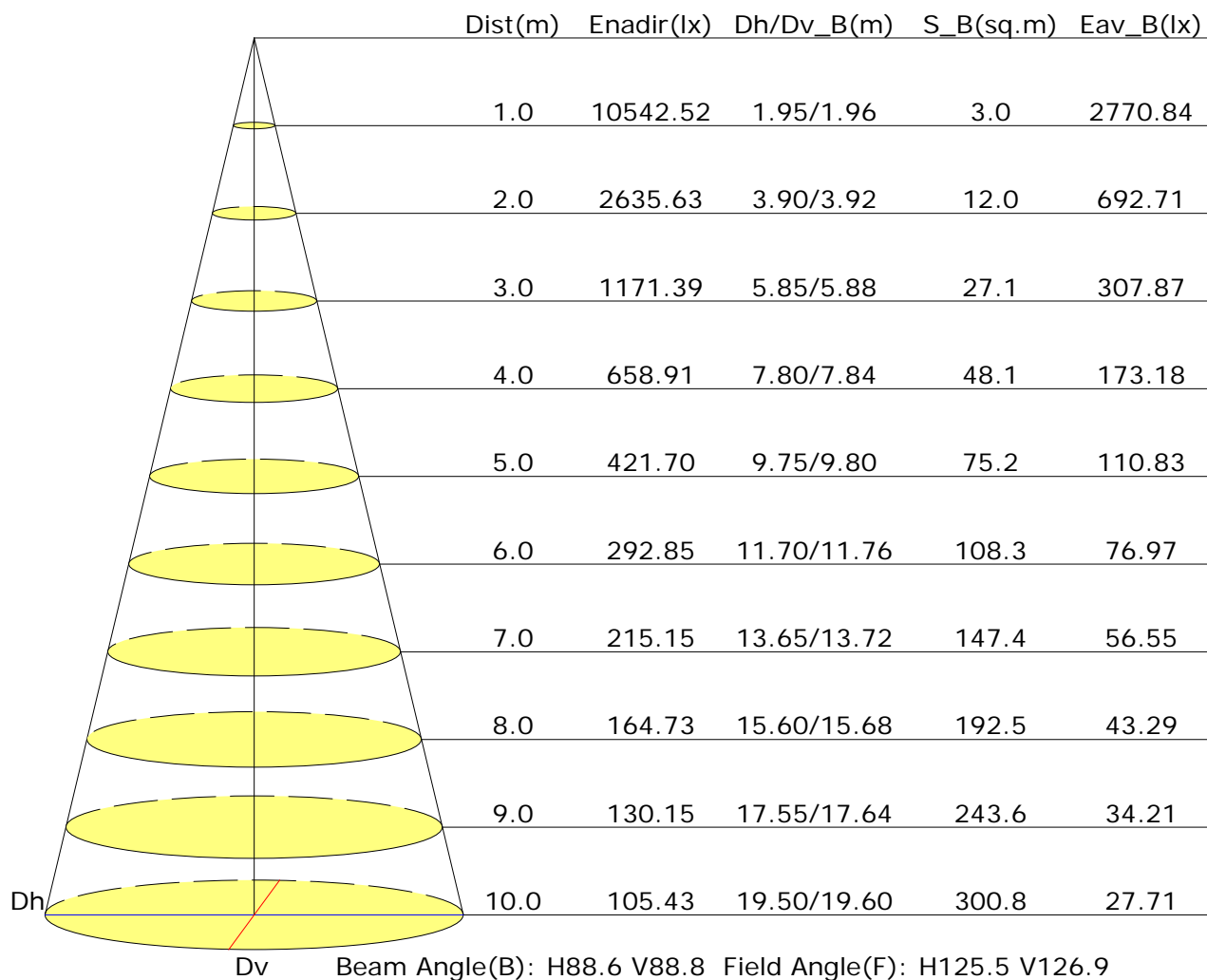


Mounting Height: 10.0m		Max Lux(100%): 105.4 lx	
— (1%):	1.1 lx	— (2%):	2.1 lx
— (5%):	5.3 lx	— (10%):	10.5 lx
— (20%):	21.1 lx	— (50%):	52.7 lx
— (100%):	105.4 lx		

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:

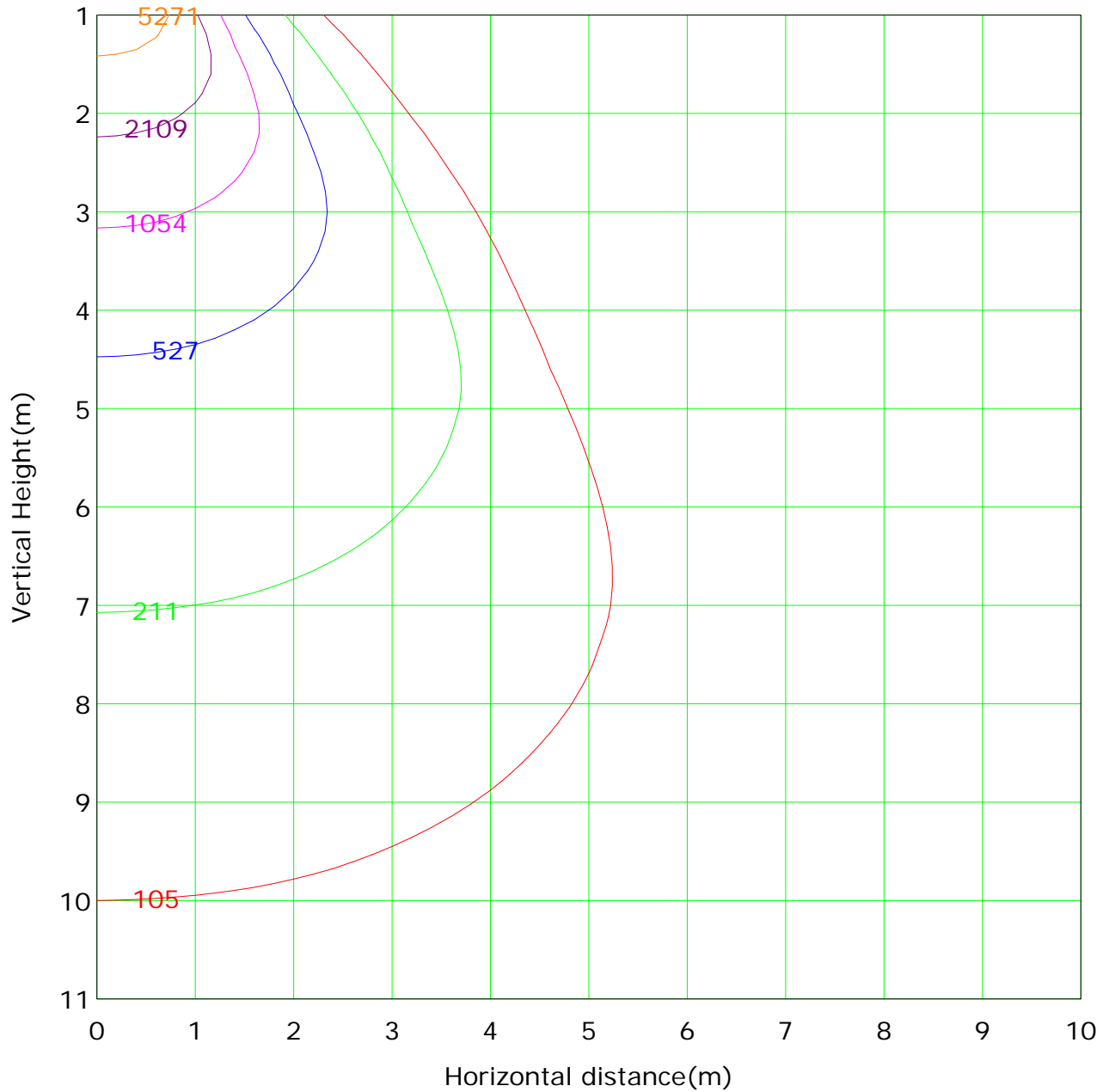
Illuminance at a Distance



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: 10542.5 lx

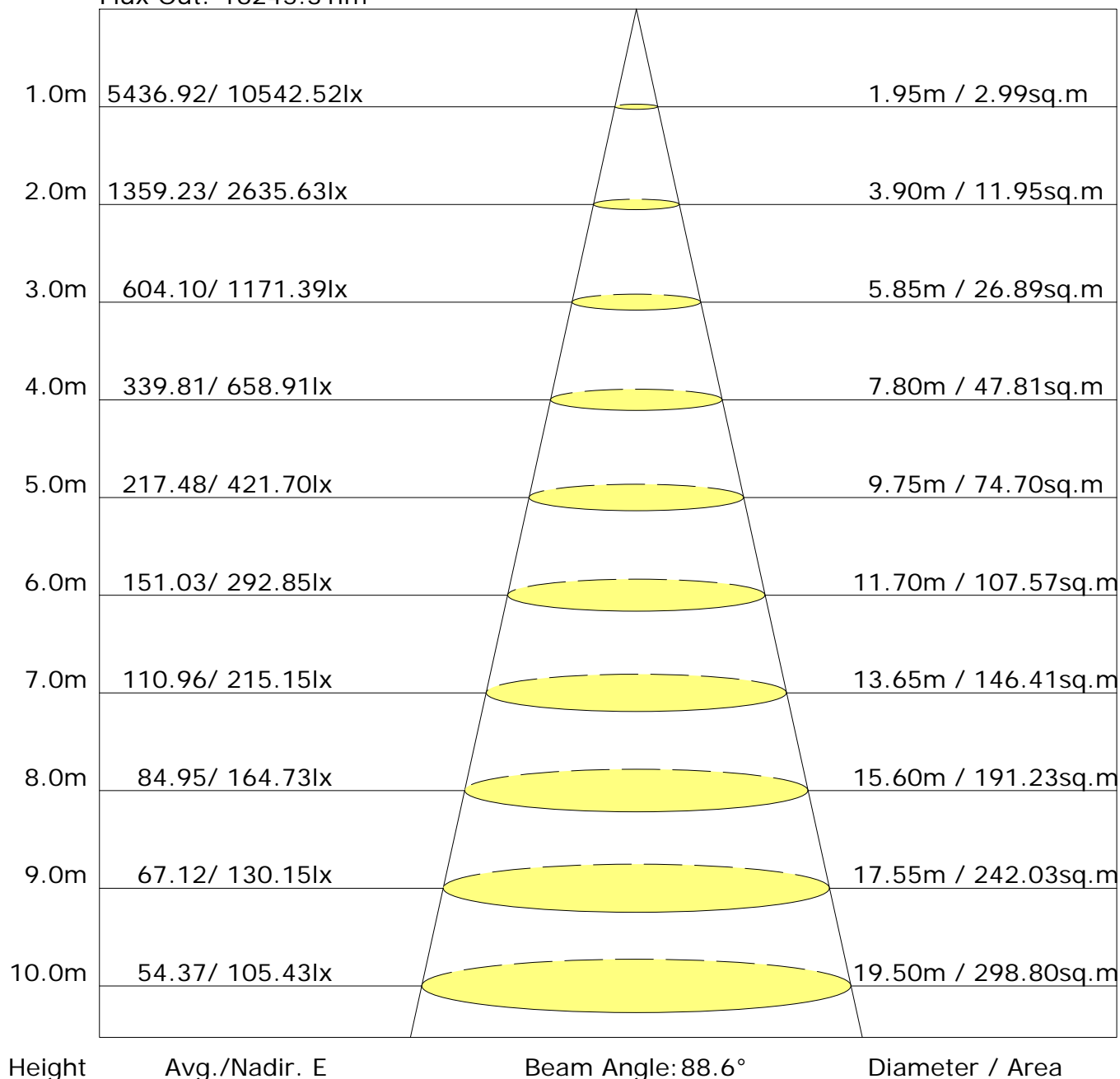
(1%): 105.4 lx	(2%): 210.9 lx
(5%): 527.1 lx	(10%): 1054.3 lx
(20%): 2108.5 lx	(50%): 5271.3 lx
(100%): 10542.5 lx	

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

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

The Average Illuminance Effective Figure

Flux Out: 16245.31lm



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	10542.0	10.1	10.1	0.05	0.05
1.0-2.0	10541.6	30.3	40.3	0.14	0.19
2.0-3.0	10541.7	50.4	90.8	0.23	0.42
3.0-4.0	10541.4	70.6	161.3	0.33	0.75
4.0-5.0	10540.2	90.7	252.0	0.42	1.17
5.0-6.0	10538.8	110.8	362.8	0.52	1.69
6.0-7.0	10537.4	130.8	493.6	0.61	2.30
7.0-8.0	10535.0	150.8	644.4	0.70	3.00
8.0-9.0	10532.4	170.7	815.1	0.79	3.79
9.0-10.0	10528.9	190.6	1005.7	0.89	4.68
10.0-11.0	10524.1	210.3	1216.0	0.98	5.66
11.0-12.0	10519.1	230.0	1446.0	1.07	6.73
12.0-13.0	10512.6	249.5	1695.5	1.16	7.89
13.0-14.0	10504.3	268.9	1964.4	1.25	9.14
14.0-15.0	10494.2	288.1	2252.5	1.34	10.49
15.0-16.0	10481.7	307.2	2559.7	1.43	11.92
16.0-17.0	10467.7	326.0	2885.7	1.52	13.43
17.0-18.0	10451.1	344.6	3230.4	1.60	15.04
18.0-19.0	10431.6	363.0	3593.3	1.69	16.73
19.0-20.0	10409.3	381.0	3974.4	1.77	18.50
20.0-21.0	10383.2	398.8	4373.1	1.86	20.36
21.0-22.0	10353.4	416.1	4789.3	1.94	22.29
22.0-23.0	10318.3	433.0	5222.3	2.02	24.31
23.0-24.0	10278.0	449.4	5671.7	2.09	26.40
24.0-25.0	10231.9	465.3	6137.0	2.17	28.57
25.0-26.0	10176.8	480.4	6617.4	2.24	30.80
26.0-27.0	10112.5	494.8	7112.3	2.30	33.11
27.0-28.0	10040.2	508.4	7620.6	2.37	35.47
28.0-29.0	9957.2	521.0	8141.7	2.43	37.90
29.0-30.0	9861.9	532.5	8674.2	2.48	40.38
30.0-31.0	9753.7	542.9	9217.1	2.53	42.90
31.0-32.0	9630.6	551.8	9768.9	2.57	45.47
32.0-33.0	9489.5	559.1	10328.0	2.60	48.08
33.0-34.0	9327.5	564.6	10892.6	2.63	50.70
34.0-35.0	9138.0	567.6	11460.1	2.64	53.35
35.0-36.0	8924.6	568.3	12028.5	2.65	55.99

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	8682.2	566.3	12594.8	2.64	58.63
37.0-38.0	8393.1	560.3	13155.1	2.61	61.23
38.0-39.0	8049.0	549.5	13704.6	2.56	63.79
39.0-40.0	7653.3	533.8	14238.4	2.48	66.28
40.0-41.0	7203.2	513.0	14751.4	2.39	68.67
41.0-42.0	6707.7	487.4	15238.8	2.27	70.93
42.0-43.0	6204.4	459.7	15698.5	2.14	73.07
43.0-44.0	5709.2	431.0	16129.4	2.01	75.08
44.0-45.0	5229.1	401.9	16531.4	1.87	76.95
45.0-46.0	4776.7	373.6	16905.0	1.74	78.69
46.0-47.0	4365.0	347.2	17252.2	1.62	80.31
47.0-48.0	3997.3	323.2	17575.4	1.50	81.81
48.0-49.0	3666.6	301.1	17876.5	1.40	83.21
49.0-50.0	3369.4	281.0	18157.5	1.31	84.52
50.0-51.0	3099.7	262.3	18419.8	1.22	85.74
51.0-52.0	2852.8	244.8	18664.6	1.14	86.88
52.0-53.0	2628.5	228.7	18893.3	1.06	87.95
53.0-54.0	2421.4	213.5	19106.7	0.99	88.94
54.0-55.0	2228.6	199.0	19305.7	0.93	89.86
55.0-56.0	2049.3	185.2	19490.9	0.86	90.73
56.0-57.0	1882.5	172.1	19663.0	0.80	91.53
57.0-58.0	1731.0	160.1	19823.1	0.75	92.27
58.0-59.0	1590.6	148.7	19971.9	0.69	92.97
59.0-60.0	1459.0	137.9	20109.7	0.64	93.61
60.0-61.0	1335.7	127.5	20237.2	0.59	94.20
61.0-62.0	1220.1	117.6	20354.8	0.55	94.75
62.0-63.0	1115.4	108.5	20463.3	0.51	95.25
63.0-64.0	1019.0	100.0	20563.3	0.47	95.72
64.0-65.0	927.9	91.8	20655.1	0.43	96.15
65.0-66.0	844.3	84.2	20739.4	0.39	96.54
66.0-67.0	768.4	77.3	20816.6	0.36	96.90
67.0-68.0	697.5	70.7	20887.3	0.33	97.23
68.0-69.0	630.4	64.3	20951.6	0.30	97.53
69.0-70.0	568.7	58.4	21010.0	0.27	97.80
70.0-71.0	512.0	52.9	21063.0	0.25	98.04
71.0-72.0	460.0	47.8	21110.8	0.22	98.27

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	414.0	43.3	21154.1	0.20	98.47
73.0-74.0	371.4	39.0	21193.2	0.18	98.65
74.0-75.0	331.8	35.1	21228.2	0.16	98.81
75.0-76.0	295.1	31.3	21259.5	0.15	98.96
76.0-77.0	260.3	27.8	21287.3	0.13	99.09
77.0-78.0	226.9	24.3	21311.6	0.11	99.20
78.0-79.0	195.0	21.0	21332.5	0.10	99.30
79.0-80.0	164.4	17.7	21350.3	0.08	99.38
80.0-81.0	133.8	14.5	21364.7	0.07	99.45
81.0-82.0	105.2	11.4	21376.2	0.05	99.50
82.0-83.0	80.7	8.8	21384.9	0.04	99.54
83.0-84.0	60.4	6.6	21391.5	0.03	99.57
84.0-85.0	44.2	4.8	21396.3	0.02	99.60
85.0-86.0	30.8	3.4	21399.7	0.02	99.61
86.0-87.0	19.1	2.1	21401.8	0.01	99.62
87.0-88.0	10.2	1.1	21402.9	0.01	99.63
88.0-89.0	7.3	0.8	21403.7	0.00	99.63
89.0-90.0	7.1	0.8	21404.5	0.00	99.63
90.0-91.0	7.0	0.8	21405.2	0.00	99.64
91.0-92.0	6.2	0.7	21405.9	0.00	99.64
92.0-93.0	5.9	0.7	21406.6	0.00	99.64
93.0-94.0	6.7	0.7	21407.3	0.00	99.65
94.0-95.0	5.7	0.6	21407.9	0.00	99.65
95.0-96.0	5.1	0.6	21408.5	0.00	99.65
96.0-97.0	6.2	0.7	21409.1	0.00	99.66
97.0-98.0	6.6	0.7	21409.9	0.00	99.66
98.0-99.0	5.4	0.6	21410.5	0.00	99.66
99.0-100.0	4.6	0.5	21411.0	0.00	99.66
100.0-101.0	4.4	0.5	21411.4	0.00	99.67
101.0-102.0	3.8	0.4	21411.8	0.00	99.67
102.0-103.0	4.9	0.5	21412.4	0.00	99.67
103.0-104.0	6.1	0.7	21413.0	0.00	99.67
104.0-105.0	5.4	0.6	21413.6	0.00	99.68
105.0-106.0	4.3	0.5	21414.0	0.00	99.68
106.0-107.0	5.3	0.6	21414.6	0.00	99.68
107.0-108.0	6.5	0.7	21415.3	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	5.6	0.6	21415.9	0.00	99.69
109.0-110.0	5.9	0.6	21416.5	0.00	99.69
110.0-111.0	5.9	0.6	21417.1	0.00	99.69
111.0-112.0	5.8	0.6	21417.7	0.00	99.70
112.0-113.0	6.1	0.6	21418.3	0.00	99.70
113.0-114.0	6.2	0.6	21418.9	0.00	99.70
114.0-115.0	6.8	0.7	21419.6	0.00	99.70
115.0-116.0	7.4	0.7	21420.3	0.00	99.71
116.0-117.0	7.2	0.7	21421.0	0.00	99.71
117.0-118.0	7.0	0.7	21421.7	0.00	99.71
118.0-119.0	6.5	0.6	21422.4	0.00	99.72
119.0-120.0	7.2	0.7	21423.0	0.00	99.72
120.0-121.0	8.6	0.8	21423.9	0.00	99.72
121.0-122.0	8.6	0.8	21424.7	0.00	99.73
122.0-123.0	8.9	0.8	21425.5	0.00	99.73
123.0-124.0	9.4	0.9	21426.3	0.00	99.74
124.0-125.0	9.7	0.9	21427.2	0.00	99.74
125.0-126.0	9.7	0.9	21428.1	0.00	99.74
126.0-127.0	10.2	0.9	21429.0	0.00	99.75
127.0-128.0	11.1	1.0	21429.9	0.00	99.75
128.0-129.0	12.0	1.0	21431.0	0.00	99.76
129.0-130.0	13.1	1.1	21432.1	0.01	99.76
130.0-131.0	13.8	1.1	21433.2	0.01	99.77
131.0-132.0	14.4	1.2	21434.4	0.01	99.77
132.0-133.0	14.4	1.2	21435.6	0.01	99.78
133.0-134.0	14.5	1.2	21436.7	0.01	99.78
134.0-135.0	15.6	1.2	21438.0	0.01	99.79
135.0-136.0	16.4	1.3	21439.2	0.01	99.80
136.0-137.0	16.9	1.3	21440.5	0.01	99.80
137.0-138.0	17.0	1.3	21441.8	0.01	99.81
138.0-139.0	17.7	1.3	21443.0	0.01	99.81
139.0-140.0	19.0	1.4	21444.4	0.01	99.82
140.0-141.0	19.7	1.4	21445.8	0.01	99.83
141.0-142.0	20.1	1.4	21447.1	0.01	99.83
142.0-143.0	20.7	1.4	21448.5	0.01	99.84
143.0-144.0	21.1	1.4	21449.9	0.01	99.85

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	21.7	1.4	21451.3	0.01	99.85
145.0-146.0	22.3	1.4	21452.7	0.01	99.86
146.0-147.0	23.6	1.4	21454.1	0.01	99.87
147.0-148.0	25.0	1.5	21455.6	0.01	99.87
148.0-149.0	24.8	1.4	21457.0	0.01	99.88
149.0-150.0	25.4	1.4	21458.4	0.01	99.89
150.0-151.0	25.4	1.4	21459.8	0.01	99.89
151.0-152.0	25.3	1.3	21461.1	0.01	99.90
152.0-153.0	26.8	1.4	21462.4	0.01	99.90
153.0-154.0	27.3	1.3	21463.8	0.01	99.91
154.0-155.0	27.1	1.3	21465.1	0.01	99.92
155.0-156.0	27.6	1.3	21466.3	0.01	99.92
156.0-157.0	27.9	1.2	21467.5	0.01	99.93
157.0-158.0	28.9	1.2	21468.7	0.01	99.93
158.0-159.0	29.2	1.2	21469.9	0.01	99.94
159.0-160.0	29.2	1.1	21471.0	0.01	99.94
160.0-161.0	29.2	1.1	21472.1	0.00	99.95
161.0-162.0	30.2	1.1	21473.2	0.00	99.95
162.0-163.0	31.5	1.0	21474.2	0.00	99.96
163.0-164.0	31.6	1.0	21475.2	0.00	99.96
164.0-165.0	31.7	0.9	21476.1	0.00	99.97
165.0-166.0	32.0	0.9	21477.0	0.00	99.97
166.0-167.0	31.9	0.8	21477.8	0.00	99.98
167.0-168.0	32.4	0.8	21478.6	0.00	99.98
168.0-169.0	32.9	0.7	21479.3	0.00	99.98
169.0-170.0	32.0	0.6	21479.9	0.00	99.99
170.0-171.0	32.0	0.6	21480.5	0.00	99.99
171.0-172.0	32.8	0.5	21481.1	0.00	99.99
172.0-173.0	32.0	0.5	21481.5	0.00	99.99
173.0-174.0	30.9	0.4	21481.9	0.00	99.99
174.0-175.0	31.5	0.3	21482.2	0.00	100.00
175.0-176.0	32.8	0.3	21482.5	0.00	100.00
176.0-177.0	32.2	0.2	21482.7	0.00	100.00
177.0-178.0	31.7	0.2	21482.9	0.00	100.00
178.0-179.0	31.8	0.1	21483.0	0.00	100.00
179.0-180.0	31.5	0.0	21483.0	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°): 16531.36 lm

%lum = 77.0%

%lamp = 77.0%

cone flux(120°): 20109.71 lm

%lum = 93.6%

%lamp = 93.6%

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	10542.5	10542.5	10542.5	10542.5	10542.5	10542.5	10542.5	10542.5	10542.5	10542.5
G1.0	10538.7	10540.8	10541.1	10539.4	10540.8	10539.0	10538.3	10543.2	10541.8	10540.8
G2.0	10536.0	10537.7	10540.8	10539.0	10536.6	10535.9	10538.0	10543.2	10544.6	10542.5
G3.0	10533.9	10536.3	10541.1	10535.2	10535.2	10533.1	10536.9	10545.7	10546.6	10545.6
G4.0	10532.6	10537.4	10541.8	10534.2	10532.1	10532.8	10538.3	10541.8	10546.3	10544.6
G5.0	10532.2	10531.9	10537.3	10533.5	10525.8	10526.1	10533.8	10541.1	10543.5	10542.2
G6.0	10535.0	10532.2	10535.6	10525.5	10525.5	10524.7	10530.3	10537.3	10547.0	10542.2
G7.0	10531.5	10531.2	10533.9	10525.2	10518.5	10520.2	10531.0	10535.5	10544.6	10543.2
G8.0	10529.8	10529.1	10532.5	10522.8	10517.5	10513.9	10528.6	10531.3	10541.8	10539.4
G9.0	10530.2	10524.3	10531.8	10520.3	10515.4	10513.2	10527.2	10529.2	10538.7	10536.0
G10.0	10524.7	10515.7	10526.3	10513.4	10512.6	10514.3	10523.0	10522.6	10532.6	10536.0
G11.0	10516.4	10509.5	10519.7	10512.7	10508.8	10511.5	10520.5	10519.1	10530.2	10535.3
G12.0	10504.8	10501.9	10513.1	10506.5	10505.7	10508.7	10514.2	10514.5	10528.8	10530.8
G13.0	10489.3	10489.8	10501.3	10500.6	10502.6	10503.1	10507.6	10510.7	10525.4	10528.7
G14.0	10473.5	10473.3	10495.8	10495.1	10495.6	10500.3	10497.8	10503.7	10519.2	10527.4
G15.0	10447.4	10453.7	10476.8	10485.7	10488.7	10493.0	10490.5	10493.9	10515.7	10523.2
G16.0	10418.6	10427.9	10459.8	10473.9	10484.2	10483.6	10479.7	10487.9	10514.7	10521.2
G17.0	10385.6	10400.3	10436.3	10459.4	10472.3	10474.5	10474.1	10484.8	10514.0	10520.1
G18.0	10349.2	10367.3	10410.4	10445.9	10462.3	10466.9	10467.8	10478.1	10512.0	10514.6
G19.0	10306.0	10331.1	10384.8	10424.4	10453.6	10463.7	10465.0	10474.3	10506.5	10510.2
G20.0	10260.6	10288.8	10348.1	10402.9	10440.7	10455.7	10459.1	10468.0	10504.4	10505.0
G21.0	10209.5	10238.9	10307.6	10378.3	10430.0	10449.1	10450.4	10463.4	10497.9	10494.3
G22.0	10154.2	10182.4	10267.8	10345.4	10410.5	10440.0	10446.2	10458.5	10491.4	10480.2
G23.0	10089.7	10120.1	10212.8	10305.2	10388.3	10428.5	10438.5	10454.3	10482.1	10460.9
G24.0	10016.5	10046.4	10152.3	10268.2	10367.8	10421.9	10430.8	10449.4	10470.1	10438.2
G25.0	9932.8	9964.8	10078.2	10214.5	10332.7	10402.7	10417.9	10442.4	10452.6	10407.9
G26.0	9837.3	9874.6	9998.3	10138.2	10289.6	10376.9	10403.3	10422.5	10427.2	10362.5
G27.0	9733.3	9776.5	9905.2	10060.0	10233.3	10346.3	10381.3	10401.8	10395.6	10311.2
G28.0	9622.1	9668.4	9801.1	9973.3	10174.3	10311.1	10358.2	10380.1	10349.9	10250.6
G29.0	9494.3	9551.3	9687.6	9871.5	10102.0	10263.6	10330.3	10347.2	10290.2	10178.6
G30.0	9370.7	9417.0	9549.6	9756.1	10016.2	10200.6	10291.6	10305.2	10220.1	10087.0
G31.0	9219.7	9277.6	9413.3	9631.4	9906.4	10128.0	10240.6	10249.2	10131.6	9972.7
G32.0	9062.1	9108.9	9244.4	9480.4	9791.8	10041.6	10184.8	10167.7	10016.5	9852.9
G33.0	8878.1	8928.8	9064.5	9310.7	9649.0	9940.5	10096.5	10065.1	9893.3	9706.6
G34.0	8679.3	8723.0	8863.5	9111.1	9476.0	9800.0	9989.0	9939.1	9740.5	9543.0
G35.0	8431.1	8470.9	8615.8	8889.4	9255.1	9634.1	9851.8	9786.2	9557.2	9349.9
G36.0	8235.7	8254.0	8374.3	8629.6	9024.8	9439.9	9682.9	9587.7	9345.3	9104.4

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	7968.3	7971.7	8081.9	8354.5	8758.7	9207.8	9463.0	9359.9	9065.2	8841.0
G38.0	7651.4	7614.3	7746.0	7984.9	8432.1	8927.1	9174.7	9066.2	8754.1	8519.5
G39.0	7275.4	7228.0	7342.6	7600.0	8045.5	8552.7	8799.2	8688.9	8422.8	8190.7
G40.0	6851.8	6816.3	6878.7	7141.4	7615.8	8185.0	8414.5	8307.8	7981.6	7784.1
G41.0	6394.5	6325.3	6401.2	6666.5	7097.8	7699.4	7886.8	7808.4	7490.4	7321.3
G42.0	5896.6	5851.6	5952.8	6170.4	6541.0	7160.8	7347.6	7205.7	6981.9	6767.4
G43.0	5402.6	5416.7	5502.0	5708.6	6025.4	6610.4	6728.1	6672.6	6428.4	6287.4
G44.0	4932.9	4974.0	5027.7	5229.9	5552.3	6069.4	6167.5	6144.5	5904.5	5822.0
G45.0	4489.3	4583.2	4630.5	4775.7	5091.0	5478.2	5592.0	5623.4	5408.4	5329.3
G46.0	4137.1	4215.8	4266.2	4362.1	4599.1	4990.5	5089.8	5088.6	4941.5	4895.1
G47.0	3806.5	3876.0	3955.2	3999.7	4196.4	4526.8	4647.6	4644.8	4507.2	4489.2
G48.0	3496.4	3544.1	3640.0	3695.9	3846.3	4173.4	4216.2	4215.7	4162.1	4125.3
G49.0	3240.7	3260.1	3376.4	3382.4	3532.6	3837.7	3833.3	3876.2	3856.2	3786.2
G50.0	2994.8	2989.8	3108.2	3134.4	3252.9	3525.7	3496.1	3561.5	3576.1	3453.9
G51.0	2752.8	2729.5	2894.1	2905.1	3006.6	3225.9	3189.7	3274.9	3280.5	3173.7
G52.0	2523.4	2496.5	2665.0	2679.9	2771.5	2947.0	2941.9	3012.4	3030.9	2941.3
G53.0	2320.5	2314.3	2452.6	2468.9	2576.9	2702.0	2719.2	2783.9	2790.2	2729.9
G54.0	2106.0	2136.3	2258.2	2282.9	2381.0	2457.2	2509.5	2588.9	2558.5	2534.3
G55.0	1909.6	1960.7	2087.3	2101.0	2222.6	2253.7	2314.7	2386.3	2351.1	2326.4
G56.0	1736.5	1818.2	1920.5	1935.8	2061.7	2053.2	2116.5	2200.1	2120.7	2142.9
G57.0	1597.8	1683.2	1763.4	1785.8	1904.0	1865.7	1951.4	2026.8	1943.2	1986.6
G58.0	1439.2	1567.9	1621.2	1644.8	1751.9	1708.1	1798.5	1884.0	1786.7	1826.8
G59.0	1317.3	1450.8	1474.2	1510.0	1618.8	1555.1	1651.6	1733.9	1642.1	1681.9
G60.0	1197.9	1343.8	1354.8	1381.5	1486.1	1431.0	1513.7	1595.3	1503.8	1526.9
G61.0	1098.0	1231.2	1233.7	1255.8	1363.2	1309.3	1368.9	1466.8	1373.3	1404.4
G62.0	999.1	1129.3	1125.5	1148.7	1245.4	1193.9	1256.1	1343.6	1261.7	1277.3
G63.0	914.6	1043.5	1018.9	1052.8	1133.2	1098.4	1152.5	1231.6	1152.2	1169.9
G64.0	836.7	947.8	926.2	953.3	1039.7	997.3	1049.9	1130.5	1061.9	1054.9
G65.0	758.4	861.8	835.5	872.6	942.1	905.3	951.1	1029.7	963.0	964.4
G66.0	689.7	780.9	763.2	790.5	858.4	826.2	869.4	945.0	878.6	875.9
G67.0	624.5	715.4	688.5	720.2	783.4	758.2	792.3	860.6	801.7	799.1
G68.0	568.2	642.1	621.7	651.3	712.8	683.2	720.7	785.4	730.6	716.5
G69.0	515.0	579.1	555.3	589.3	638.5	617.4	646.4	706.3	657.8	650.4
G70.0	461.4	523.3	502.4	530.7	574.6	554.6	588.1	635.2	596.0	590.1
G71.0	411.0	467.9	446.0	480.1	513.1	498.8	529.1	569.8	539.4	533.0
G72.0	374.2	418.3	396.5	424.7	464.1	449.0	475.0	519.4	486.5	477.2
G73.0	339.2	381.1	367.1	385.6	414.1	404.4	426.9	465.1	427.1	421.4

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	302.1	335.0	332.8	346.4	366.5	362.5	379.4	416.5	386.9	376.3
G75.0	270.5	297.5	291.3	315.2	321.0	329.1	338.9	366.1	346.8	339.8
G76.0	241.0	264.4	259.8	275.8	288.0	290.0	301.9	322.3	304.5	299.9
G77.0	210.8	228.6	232.8	241.5	249.1	255.2	266.6	279.6	269.2	263.0
G78.0	184.4	197.3	203.1	211.3	220.6	219.3	230.0	247.1	230.0	218.6
G79.0	155.5	168.7	172.6	186.0	180.6	187.5	196.5	205.4	200.8	191.1
G80.0	130.5	140.1	143.2	152.8	150.4	159.0	164.7	174.6	161.7	156.0
G81.0	95.4	107.1	114.9	119.9	118.8	121.7	127.7	140.0	132.2	123.6
G82.0	77.9	79.2	92.0	94.9	95.2	94.8	99.5	108.5	98.9	97.4
G83.0	58.0	62.3	67.1	71.4	74.0	71.1	70.5	85.4	68.3	72.3
G84.0	42.9	44.4	48.4	54.7	50.4	57.9	56.5	60.2	52.9	51.0
G85.0	27.8	29.3	35.3	39.5	40.3	40.8	40.1	40.6	41.2	37.5
G86.0	17.9	15.5	21.4	27.4	28.8	28.9	28.6	30.8	22.0	28.2
G87.0	0.0	14.1	11.4	16.3	14.9	15.0	16.1	16.8	10.3	13.8
G88.0	0.0	0.0	9.3	0.0	11.1	10.5	8.0	9.5	7.6	8.6
G89.0	0.0	6.9	10.0	8.0	10.1	13.6	11.9	10.9	7.2	0.0
G90.0	0.0	0.0	8.0	10.4	7.6	12.2	11.5	9.8	0.0	0.0
G91.0	0.0	7.9	7.6	0.0	7.0	12.2	7.3	10.9	0.0	10.7
G92.0	0.0	0.0	7.3	9.0	10.1	10.5	9.8	7.7	0.0	0.0
G93.0	0.0	0.0	7.6	9.0	8.3	10.8	9.4	9.8	0.0	0.0
G94.0	7.2	0.0	10.7	6.9	9.0	9.8	9.4	0.0	0.0	6.9
G95.0	0.0	0.0	6.9	0.0	8.3	12.2	9.4	10.9	0.0	7.2
G96.0	0.0	0.0	6.9	9.0	0.0	0.0	8.4	12.6	7.6	7.6
G97.0	0.0	7.9	10.0	0.0	7.3	10.8	10.1	14.4	0.0	0.0
G98.0	0.0	0.0	10.7	9.0	10.1	11.2	9.8	8.1	0.0	0.0
G99.0	0.0	0.0	9.3	8.0	0.0	10.8	11.5	7.7	0.0	0.0
G100.0	0.0	7.6	0.0	7.3	7.0	0.0	9.8	8.4	0.0	0.0
G101.0	0.0	7.6	0.0	0.0	8.3	10.5	8.7	10.9	0.0	0.0
G102.0	0.0	7.2	0.0	9.4	0.0	0.0	7.3	7.7	0.0	0.0
G103.0	0.0	0.0	0.0	7.6	10.4	9.4	7.3	10.5	0.0	9.0
G104.0	0.0	7.2	9.7	0.0	9.7	11.5	7.7	7.0	6.9	0.0
G105.0	0.0	8.3	0.0	8.7	8.7	9.1	8.4	11.5	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	10.1	8.0	10.1	10.1	0.0	0.0
G107.0	7.9	11.0	8.6	0.0	8.0	7.3	10.5	8.4	8.6	8.3
G108.0	0.0	8.3	11.8	9.0	9.0	9.1	0.0	8.4	0.0	0.0
G109.0	0.0	0.0	8.3	0.0	10.4	13.2	9.8	10.1	0.0	0.0
G110.0	0.0	9.6	11.1	10.4	8.7	8.4	7.7	10.9	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	7.2	9.0	9.4	7.3	10.8	7.3	11.2	0.0	0.0
G112.0	0.0	8.6	0.0	8.0	10.8	7.0	10.8	9.5	0.0	0.0
G113.0	0.0	11.0	7.3	6.9	7.6	8.4	8.4	8.1	0.0	0.0
G114.0	0.0	6.9	9.7	9.0	7.6	11.9	9.4	9.5	0.0	0.0
G115.0	7.9	8.3	10.7	0.0	8.7	10.8	9.4	9.5	8.6	0.0
G116.0	0.0	9.3	9.3	0.0	9.0	9.8	0.0	9.8	8.9	0.0
G117.0	0.0	11.4	10.4	9.4	8.0	9.8	10.1	0.0	6.9	0.0
G118.0	0.0	12.0	8.3	8.0	10.1	9.4	9.4	8.4	0.0	0.0
G119.0	0.0	0.0	0.0	8.3	0.0	11.2	10.1	9.8	0.0	7.9
G120.0	0.0	12.0	9.0	8.7	8.3	13.6	10.5	13.3	9.3	8.6
G121.0	0.0	9.0	11.8	11.1	11.1	10.5	12.6	9.8	7.2	7.2
G122.0	6.9	8.6	8.0	7.3	7.6	8.7	8.0	10.9	6.9	0.0
G123.0	0.0	13.8	10.0	8.7	9.4	10.1	10.5	9.1	7.6	8.3
G124.0	0.0	12.4	9.0	8.7	10.8	11.5	11.2	13.6	8.9	0.0
G125.0	7.9	11.0	11.8	12.5	7.3	10.1	12.2	13.6	11.0	8.3
G126.0	0.0	11.7	10.0	8.7	8.3	9.4	8.7	14.0	8.9	7.6
G127.0	8.9	14.8	12.1	10.4	13.5	17.4	11.9	15.0	7.6	0.0
G128.0	8.2	11.0	11.1	10.0	9.7	12.9	14.3	16.8	11.0	10.7
G129.0	7.6	9.6	10.7	13.9	12.5	16.0	12.9	16.4	11.7	13.8
G130.0	10.3	14.5	13.2	14.6	12.5	14.3	17.8	15.4	10.6	11.4
G131.0	11.0	14.8	14.5	14.2	13.9	16.7	14.7	14.0	13.4	10.0
G132.0	10.6	15.8	15.6	11.4	17.4	17.4	17.1	17.2	13.4	9.0
G133.0	10.0	11.0	13.8	12.8	14.9	15.3	12.9	16.4	11.3	10.7
G134.0	11.0	15.8	15.6	12.1	16.0	17.8	12.6	20.3	11.0	11.0
G135.0	14.1	13.8	18.7	15.9	17.0	14.6	18.8	16.8	14.8	12.7
G136.0	15.5	18.3	14.9	15.6	17.7	17.1	19.5	17.8	14.8	14.8
G137.0	14.4	17.2	18.0	18.7	20.5	13.6	15.0	20.3	14.8	13.4
G138.0	13.7	16.5	16.6	17.3	20.1	22.0	20.2	18.2	15.5	10.0
G139.0	15.1	18.6	15.2	18.7	18.1	16.7	17.1	24.1	13.4	16.9
G140.0	15.5	16.9	21.1	20.1	22.9	17.8	19.9	25.9	19.6	13.1
G141.0	18.5	20.0	19.4	20.4	17.4	21.3	22.7	22.1	17.9	14.8
G142.0	15.5	22.0	11.8	22.5	22.6	20.6	18.8	24.5	19.9	16.5
G143.0	19.6	19.6	21.4	22.2	22.9	22.0	20.6	22.4	21.3	16.9
G144.0	17.9	20.0	23.2	14.6	19.8	22.0	20.2	23.8	20.9	19.3
G145.0	20.9	14.8	25.3	19.8	25.4	22.0	25.8	17.8	20.9	16.5
G146.0	22.7	24.1	16.6	21.1	21.2	25.1	20.6	20.6	22.7	19.3
G147.0	24.4	24.8	26.6	20.8	27.1	26.1	19.9	27.7	24.7	22.0

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 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	20.3	26.9	26.0	23.6	24.7	26.8	23.4	28.0	24.0	21.3
G149.0	26.4	23.8	27.3	24.9	29.9	24.4	26.5	26.9	23.4	22.7
G150.0	22.0	26.9	25.6	26.7	26.7	26.5	30.4	30.1	23.0	24.4
G151.0	26.8	28.9	27.0	20.1	19.8	19.9	27.9	29.8	24.7	18.9
G152.0	19.9	31.3	16.6	24.9	26.1	26.8	20.6	29.0	26.8	22.0
G153.0	25.4	26.2	31.5	24.2	26.4	29.6	28.6	31.5	24.7	25.8
G154.0	25.8	31.7	26.0	27.0	15.6	30.0	18.5	31.8	26.8	24.8
G155.0	24.0	21.3	29.1	26.0	19.5	26.8	35.6	32.6	25.1	23.8
G156.0	24.4	19.3	30.8	26.3	26.4	30.3	31.1	31.5	21.6	21.3
G157.0	26.1	33.4	26.3	31.9	27.4	27.9	29.0	28.0	11.7	26.5
G158.0	23.0	31.7	30.4	30.1	31.3	25.4	31.1	32.2	26.4	25.1
G159.0	27.5	27.9	11.8	31.9	25.7	33.8	32.1	28.7	29.5	27.5
G160.0	26.8	27.9	30.8	31.5	26.7	30.7	33.9	30.8	24.0	26.5
G161.0	30.2	31.3	27.0	28.7	24.0	27.9	30.7	33.2	30.9	26.2
G162.0	30.6	34.4	27.3	27.0	27.4	33.8	33.9	34.3	27.1	29.3
G163.0	27.1	32.7	29.4	29.4	31.6	30.3	36.6	32.6	28.5	31.3
G164.0	31.6	33.7	31.1	32.6	30.9	32.1	33.5	34.6	23.7	24.8
G165.0	22.0	31.0	29.4	33.3	30.2	32.1	36.6	32.9	29.5	30.6
G166.0	29.2	32.4	34.6	32.6	31.3	33.5	36.6	28.3	30.2	32.7
G167.0	30.2	22.0	30.4	30.1	34.0	34.9	35.3	23.8	26.4	30.3
G168.0	27.8	34.4	27.7	32.2	32.3	32.8	34.9	39.5	27.1	27.2
G169.0	23.7	27.9	34.6	30.8	33.4	34.9	39.4	30.4	33.6	31.3
G170.0	33.3	34.8	33.9	20.4	25.4	34.2	35.6	30.4	27.5	28.9
G171.0	34.7	32.7	32.9	34.3	29.9	26.8	36.6	34.6	29.9	25.1
G172.0	29.2	32.0	31.5	33.9	31.6	32.8	37.0	29.8	33.3	32.0
G173.0	22.7	30.6	32.2	28.1	34.4	36.3	38.4	31.2	26.8	23.4
G174.0	26.4	24.4	31.8	32.6	25.4	32.1	33.9	38.9	28.5	32.4
G175.0	29.5	29.3	32.5	31.9	35.1	33.1	37.3	33.6	33.6	29.9
G176.0	33.6	28.2	32.2	36.4	34.4	32.1	30.0	35.7	34.0	30.6
G177.0	24.7	32.7	32.5	31.5	33.4	31.0	34.6	27.7	33.3	29.9
G178.0	30.6	33.7	33.6	31.9	30.6	35.6	34.9	34.0	34.3	27.2
G179.0	24.4	32.0	31.1	31.2	30.9	35.9	31.4	37.4	31.6	27.2
G180.0	28.8	30.3	29.1	29.8	32.0	36.6	34.2	36.0	31.6	28.9

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	10542.5	10542.5	10542.5	10542.5	10542.5	10542.5	10542.5			
G1.0	10544.3	10540.8	10542.2	10544.3	10546.7	10541.5	10538.7			
G2.0	10547.0	10546.0	10541.8	10543.6	10549.5	10545.7	10536.0			
G3.0	10549.1	10543.6	10541.1	10545.7	10550.2	10547.8	10533.9			
G4.0	10549.4	10547.0	10541.1	10543.2	10547.4	10547.8	10532.6			
G5.0	10548.7	10547.0	10543.2	10543.9	10551.2	10546.0	10532.2			
G6.0	10549.4	10549.1	10544.9	10543.6	10549.2	10543.6	10535.0			
G7.0	10547.4	10546.7	10540.8	10540.8	10547.8	10543.6	10531.5			
G8.0	10541.1	10544.6	10539.7	10540.4	10545.7	10541.1	10529.8			
G9.0	10542.5	10543.9	10537.6	10535.6	10538.7	10533.4	10530.2			
G10.0	10539.1	10539.0	10531.4	10531.7	10533.1	10529.9	10524.7			
G11.0	10534.2	10533.8	10526.9	10524.4	10526.5	10518.0	10516.4			
G12.0	10534.9	10533.5	10523.8	10520.2	10515.3	10507.9	10504.8			
G13.0	10531.5	10528.0	10516.5	10508.7	10501.0	10492.5	10489.3			
G14.0	10529.4	10524.8	10505.3	10496.9	10487.0	10475.0	10473.5			
G15.0	10525.9	10518.6	10498.0	10482.6	10468.2	10451.5	10447.4			
G16.0	10526.3	10509.9	10483.8	10462.0	10443.1	10424.9	10418.6			
G17.0	10521.8	10500.6	10466.1	10440.4	10417.6	10396.9	10385.6			
G18.0	10516.9	10487.8	10440.4	10411.4	10382.7	10357.7	10349.2			
G19.0	10504.8	10467.7	10414.0	10376.9	10340.1	10316.8	10306.0			
G20.0	10490.3	10444.8	10386.5	10334.1	10296.1	10271.6	10260.6			
G21.0	10470.9	10418.5	10345.5	10290.1	10243.4	10219.1	10209.5			
G22.0	10445.3	10388.7	10305.9	10241.3	10184.8	10159.6	10154.2			
G23.0	10416.9	10344.7	10252.1	10180.0	10123.7	10085.4	10089.7			
G24.0	10382.3	10296.6	10197.9	10113.7	10043.4	10016.5	10016.5			
G25.0	10343.2	10245.6	10137.1	10034.3	9964.9	9938.4	9932.8			
G26.0	10287.5	10182.9	10058.6	9956.2	9881.8	9849.9	9837.3			
G27.0	10230.8	10108.5	9976.6	9862.8	9787.9	9741.0	9733.3			
G28.0	10159.2	10027.0	9887.7	9762.4	9682.2	9626.6	9622.1			
G29.0	10064.4	9932.8	9781.7	9648.0	9547.8	9504.1	9494.3			
G30.0	9963.7	9825.1	9666.8	9524.3	9416.6	9373.2	9370.7			
G31.0	9846.1	9704.9	9535.8	9373.3	9275.9	9229.3	9219.7			
G32.0	9719.4	9569.8	9378.4	9224.8	9125.8	9073.6	9062.1			
G33.0	9573.1	9396.9	9217.6	9058.2	8961.8	8880.7	8878.1			
G34.0	9402.9	9221.3	9039.4	8875.5	8776.1	8680.2	8679.3			
G35.0	9184.2	9017.2	8837.5	8643.0	8549.3	8483.9	8431.1			
G36.0	8956.9	8787.9	8604.8	8436.7	8327.6	8237.5	8235.7			

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 6)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	8694.0	8499.0	8342.2	8165.1	8056.4	7971.1	7968.3			
G38.0	8412.0	8214.6	8041.0	7861.1	7745.5	7633.4	7651.4			
G39.0	8000.6	7860.2	7680.0	7513.6	7326.3	7264.8	7275.4			
G40.0	7590.7	7472.6	7262.5	7063.2	6915.8	6832.2	6851.8			
G41.0	7109.4	6985.5	6793.9	6608.6	6454.8	6345.7	6394.5			
G42.0	6600.5	6481.5	6272.8	6152.7	5989.9	5885.5	5896.6			
G43.0	6113.0	5924.1	5822.2	5693.9	5531.6	5413.7	5402.6			
G44.0	5584.7	5428.7	5372.4	5187.4	5032.9	4982.9	4932.9			
G45.0	5115.9	4946.1	4944.0	4747.8	4608.5	4554.1	4489.3			
G46.0	4680.0	4501.3	4470.2	4344.2	4200.5	4154.4	4137.1			
G47.0	4293.5	4117.5	4081.8	3979.5	3834.3	3788.7	3806.5			
G48.0	3953.8	3759.0	3726.8	3670.0	3512.9	3430.6	3496.4			
G49.0	3599.9	3469.7	3406.1	3372.6	3199.1	3133.5	3240.7			
G50.0	3305.8	3222.4	3082.7	3130.7	2952.0	2872.4	2994.8			
G51.0	3042.8	2980.6	2817.0	2895.8	2722.7	2640.4	2752.8			
G52.0	2806.9	2732.2	2583.5	2670.2	2514.0	2441.6	2523.4			
G53.0	2596.9	2515.0	2369.2	2454.8	2318.5	2241.7	2320.5			
G54.0	2382.7	2309.6	2194.4	2241.5	2122.4	2067.4	2106.0			
G55.0	2202.8	2115.9	2023.5	2057.7	1961.1	1908.9	1909.6			
G56.0	2035.4	1919.8	1873.8	1886.6	1803.7	1767.5	1736.5			
G57.0	1862.7	1755.6	1736.9	1729.7	1639.0	1615.2	1597.8			
G58.0	1716.4	1601.8	1610.8	1581.6	1514.0	1490.3	1439.2			
G59.0	1591.5	1463.6	1484.7	1430.6	1376.9	1371.3	1317.3			
G60.0	1464.5	1337.9	1372.2	1306.2	1258.2	1259.6	1197.9			
G61.0	1350.3	1210.4	1255.5	1185.6	1147.9	1153.6	1098.0			
G62.0	1228.2	1107.8	1154.4	1076.5	1041.5	1047.9	999.1			
G63.0	1130.0	1020.9	1057.4	976.8	945.5	958.6	914.6			
G64.0	1038.6	930.1	966.1	885.4	856.8	877.1	836.7			
G65.0	950.4	844.9	875.4	800.4	780.8	804.3	758.4			
G66.0	869.1	770.1	800.7	725.8	706.1	726.6	689.7			
G67.0	790.5	700.1	729.2	658.1	633.8	656.6	624.5			
G68.0	720.0	640.5	662.1	589.1	571.3	591.8	568.2			
G69.0	654.9	577.8	588.8	533.0	519.0	535.5	515.0			
G70.0	597.8	525.2	532.2	475.8	464.5	483.0	461.4			
G71.0	532.8	473.6	480.8	428.1	414.6	430.1	411.0			
G72.0	484.4	428.2	429.4	383.1	374.8	386.0	374.2			
G73.0	431.1	390.4	380.7	351.7	343.1	349.6	339.2			

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 7)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	383.3	345.4	343.6	315.5	307.5	305.2	302.1			
G75.0	337.7	315.2	312.0	279.6	274.7	276.1	270.5			
G76.0	297.9	275.8	275.1	251.3	240.8	243.9	241.0			
G77.0	262.6	241.1	240.4	223.1	217.4	214.5	210.8			
G78.0	229.4	206.1	201.1	196.3	189.5	181.6	184.4			
G79.0	195.8	179.4	175.8	168.4	156.7	153.3	155.5			
G80.0	159.1	150.7	142.4	139.4	134.0	128.8	130.5			
G81.0	123.9	123.0	116.7	115.0	108.2	105.0	95.4			
G82.0	98.3	98.4	92.1	90.3	82.0	74.2	77.9			
G83.0	74.0	64.8	71.2	70.1	67.7	59.1	58.0			
G84.0	50.5	54.4	54.5	52.6	48.9	44.4	42.9			
G85.0	38.4	39.5	38.6	36.6	32.1	31.2	27.8			
G86.0	25.3	30.5	26.4	26.5	19.2	18.9	17.9			
G87.0	15.9	14.9	13.9	17.1	11.5	13.0	0.0			
G88.0	8.0	8.7	14.2	9.8	0.0	7.0	0.0			
G89.0	6.9	0.0	8.7	9.8	8.4	7.7	0.0			
G90.0	6.9	8.3	7.0	7.3	7.7	9.1	0.0			
G91.0	7.6	9.0	8.7	10.8	7.3	11.2	0.0			
G92.0	0.0	0.0	7.6	9.8	0.0	7.7	0.0			
G93.0	7.3	11.4	8.3	9.4	9.8	9.8	0.0			
G94.0	9.3	0.0	7.0	9.4	7.3	10.9	7.2			
G95.0	7.6	0.0	7.3	0.0	0.0	8.4	0.0			
G96.0	0.0	0.0	9.4	0.0	10.1	13.3	0.0			
G97.0	8.0	8.3	10.1	9.4	8.0	8.7	0.0			
G98.0	8.3	7.3	8.7	7.7	0.0	8.4	0.0			
G99.0	0.0	0.0	0.0	7.7	8.7	11.2	0.0			
G100.0	0.0	7.6	0.0	7.0	7.0	11.9	0.0			
G101.0	6.9	0.0	0.0	7.3	0.0	8.1	0.0			
G102.0	6.9	0.0	0.0	0.0	7.0	7.7	0.0			
G103.0	8.3	9.4	8.0	7.3	7.3	8.1	0.0			
G104.0	0.0	0.0	7.0	7.0	11.2	8.4	0.0			
G105.0	0.0	0.0	8.3	0.0	8.0	10.1	0.0			
G106.0	0.0	7.6	0.0	0.0	9.4	0.0	0.0			
G107.0	0.0	6.9	9.0	8.4	0.0	10.9	7.9			
G108.0	7.3	9.0	0.0	0.0	10.1	12.6	0.0			
G109.0	6.9	0.0	8.0	0.0	10.5	8.4	0.0			
G110.0	0.0	7.6	0.0	7.0	10.8	9.5	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	8.6	9.4	0.0	0.0	8.4	0.0	0.0			
G112.0	0.0	7.6	8.3	7.3	9.8	8.1	0.0			
G113.0	8.0	9.0	0.0	9.1	8.7	8.1	0.0			
G114.0	8.6	0.0	7.6	0.0	8.0	11.2	0.0			
G115.0	8.0	0.0	8.7	8.0	13.6	7.3	7.9			
G116.0	9.0	10.7	10.8	10.1	10.5	9.8	0.0			
G117.0	6.9	10.7	0.0	9.8	8.7	10.9	0.0			
G118.0	8.0	10.0	0.0	9.4	10.1	8.7	0.0			
G119.0	6.9	6.9	7.0	7.7	9.1	11.5	0.0			
G120.0	10.0	9.4	0.0	0.0	10.5	10.1	0.0			
G121.0	9.7	0.0	11.5	8.7	11.2	10.9	0.0			
G122.0	8.6	9.0	10.1	7.3	12.9	13.3	6.9			
G123.0	8.6	6.9	9.7	8.4	15.4	13.3	0.0			
G124.0	8.6	12.8	10.8	8.4	10.8	13.0	0.0			
G125.0	9.3	10.4	0.0	9.4	14.0	12.2	7.9			
G126.0	8.3	7.3	10.4	11.5	13.6	10.1	0.0			
G127.0	9.3	12.1	9.0	14.6	7.3	13.0	8.9			
G128.0	0.0	7.6	12.5	15.3	11.2	16.8	8.2			
G129.0	11.4	11.8	12.2	13.2	13.6	16.4	7.6			
G130.0	11.1	13.2	11.1	11.5	16.8	17.5	10.3			
G131.0	13.2	12.1	12.5	17.8	16.8	15.0	11.0			
G132.0	12.1	16.3	12.9	14.6	17.8	18.9	10.6			
G133.0	14.2	12.8	10.8	18.1	17.8	20.6	10.0			
G134.0	13.8	16.3	13.9	16.0	19.5	16.8	11.0			
G135.0	14.9	17.3	15.3	16.7	21.6	17.8	14.1			
G136.0	14.9	14.2	11.8	21.3	14.0	21.7	15.5			
G137.0	14.2	18.7	19.5	17.4	17.1	23.8	14.4			
G138.0	13.5	19.4	15.6	13.9	16.4	20.0	13.7			
G139.0	17.6	19.8	17.0	19.5	22.3	25.9	15.1			
G140.0	18.3	19.1	19.5	19.2	19.9	23.1	15.5			
G141.0	19.4	13.9	19.5	22.0	22.0	27.7	18.5			
G142.0	18.7	20.4	22.6	21.3	20.9	24.5	15.5			
G143.0	22.5	18.7	19.5	19.9	25.5	24.5	19.6			
G144.0	19.7	22.2	17.4	26.1	25.8	24.1	17.9			
G145.0	21.8	22.9	24.0	26.1	24.8	27.7	20.9			
G146.0	24.2	24.6	23.3	24.4	19.9	25.5	22.7			
G147.0	25.6	23.2	24.0	26.5	27.2	29.4	24.4			

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	22.8	28.1	24.7	18.1	29.0	31.2	20.3			
G149.0	14.5	24.2	20.5	26.1	27.9	25.5	26.4			
G150.0	25.6	23.9	28.1	24.1	26.9	26.6	22.0			
G151.0	22.5	20.8	25.7	25.1	29.3	29.4	26.8			
G152.0	30.1	25.3	23.6	27.5	30.4	31.2	19.9			
G153.0	27.7	24.6	23.3	30.7	29.0	35.7	25.4			
G154.0	24.9	29.4	26.4	28.9	27.9	31.8	25.8			
G155.0	28.4	25.3	28.8	28.6	32.8	33.6	24.0			
G156.0	27.0	30.1	26.7	31.0	30.4	32.2	24.4			
G157.0	29.8	31.5	28.8	31.7	30.0	32.9	26.1			
G158.0	31.1	28.7	28.8	32.4	32.8	32.6	23.0			
G159.0	31.5	29.1	28.8	30.7	32.5	33.6	27.5			
G160.0	27.3	29.4	29.2	34.5	34.6	28.3	26.8			
G161.0	29.4	21.1	27.4	33.1	32.1	28.3	30.2			
G162.0	32.9	31.5	33.0	28.9	37.3	36.0	30.6			
G163.0	24.9	31.9	29.5	36.3	36.3	36.0	27.1			
G164.0	28.4	36.4	29.2	30.3	38.7	34.3	31.6			
G165.0	32.5	34.6	30.2	34.5	33.5	34.6	22.0			
G166.0	31.5	32.9	23.6	33.1	37.0	37.1	29.2			
G167.0	36.0	31.9	30.9	35.6	35.3	37.4	30.2			
G168.0	33.9	35.3	34.0	36.3	37.7	40.3	27.8			
G169.0	28.0	36.4	35.1	32.4	32.8	34.3	23.7			
G170.0	35.3	35.7	27.1	34.2	31.4	37.1	33.3			
G171.0	31.1	38.5	28.1	33.1	34.9	37.1	34.7			
G172.0	33.2	30.8	27.8	36.3	38.4	38.5	29.2			
G173.0	23.2	32.9	33.4	29.3	39.1	34.6	22.7			
G174.0	20.4	32.6	30.9	32.8	29.7	40.9	26.4			
G175.0	28.4	31.2	32.0	27.9	34.9	35.0	29.5			
G176.0	36.0	34.6	36.1	36.6	27.2	37.4	33.6			
G177.0	35.6	27.7	32.6	30.0	33.5	24.5	24.7			
G178.0	31.1	28.4	33.7	31.4	33.9	33.2	30.6			
G179.0	32.2	27.4	33.0	27.5	31.4	33.6	24.4			
G180.0	30.4	29.1	29.9	32.1	36.6	34.3	28.8			

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: