

Report No.:

Test Time: 2021-10-13 16:02

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.551 A

Power Factor: 0.946

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 144.30 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 21004.3 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.5, 126.8, 126.5, 125.8

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 88.8, 88.9, 88.3, 89.3

Luminaire Efficacy Rating (LER): 145.61

Max. Intensity: 10321.88 cd

S/MH(C0/C180): 1.35

Total Rated Lamp Lumens: 21004.3 lm

Efficiency: 100%

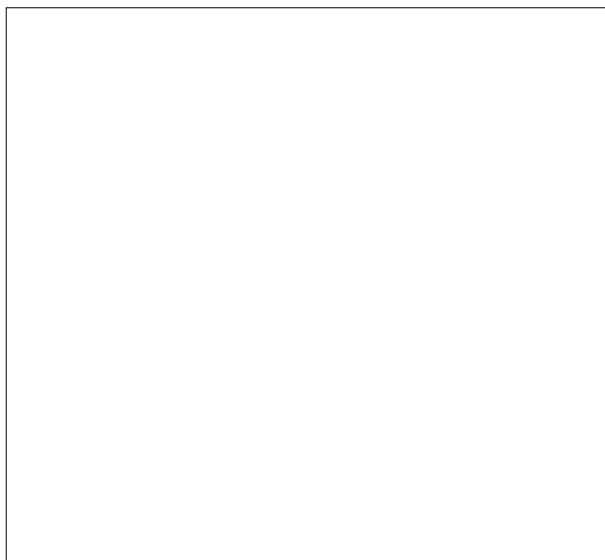
Upward Ratio: 0%

C0r0 Intensity: 10310.54 cd

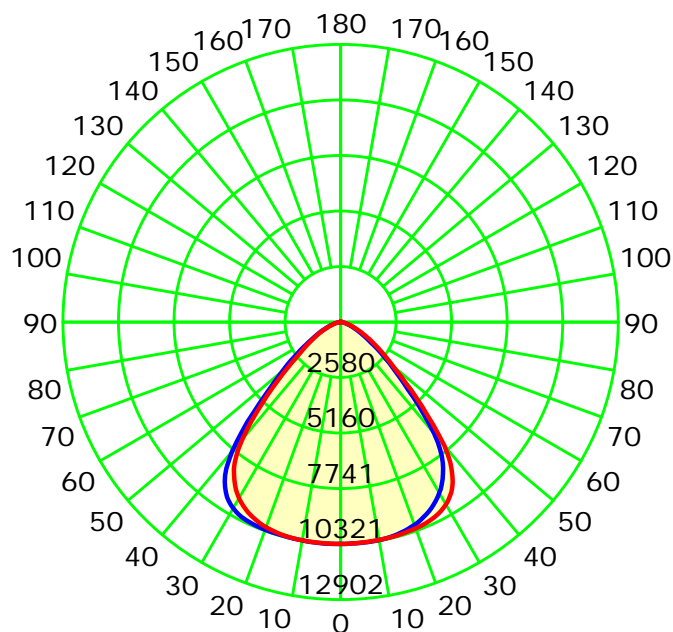
Pos of Max. Intensity: H180 V5

S/MH(C90/C270): 1.35

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 88.8°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 °C

Operator:

Gamma Plane (°):0.0-180.0: 1.0

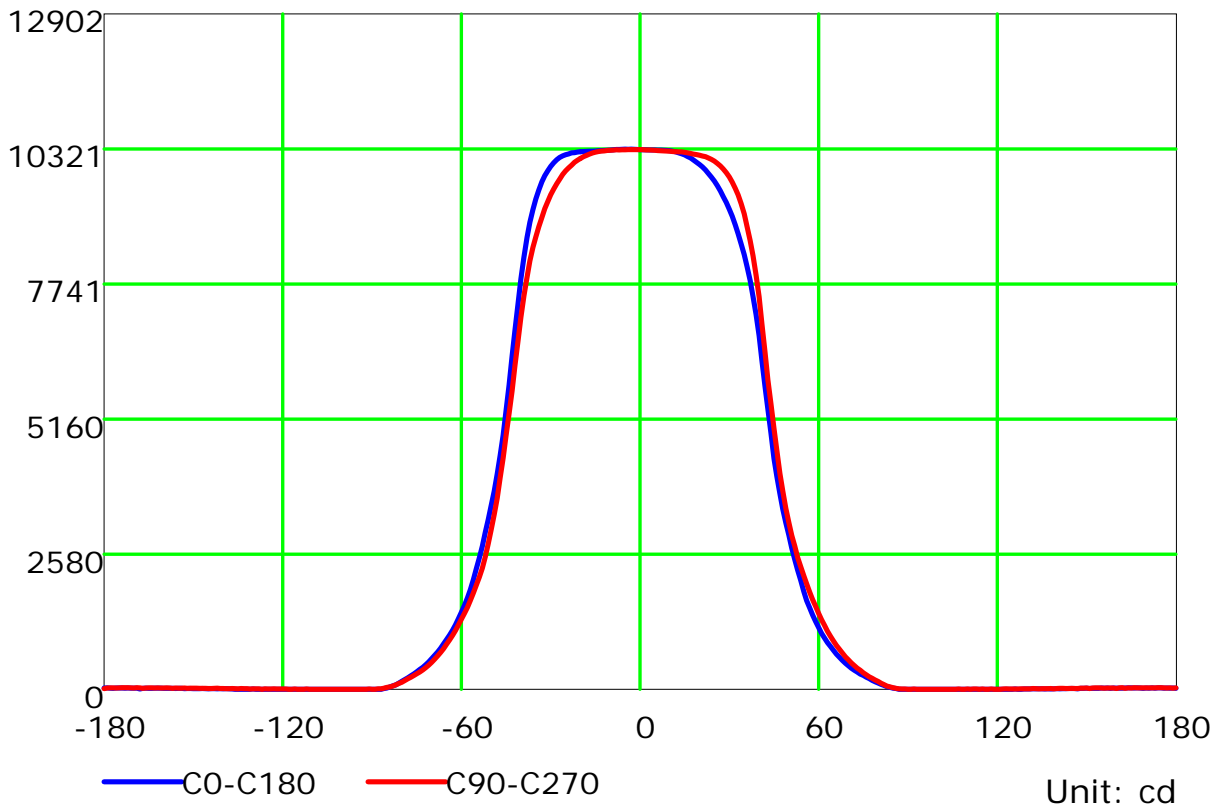
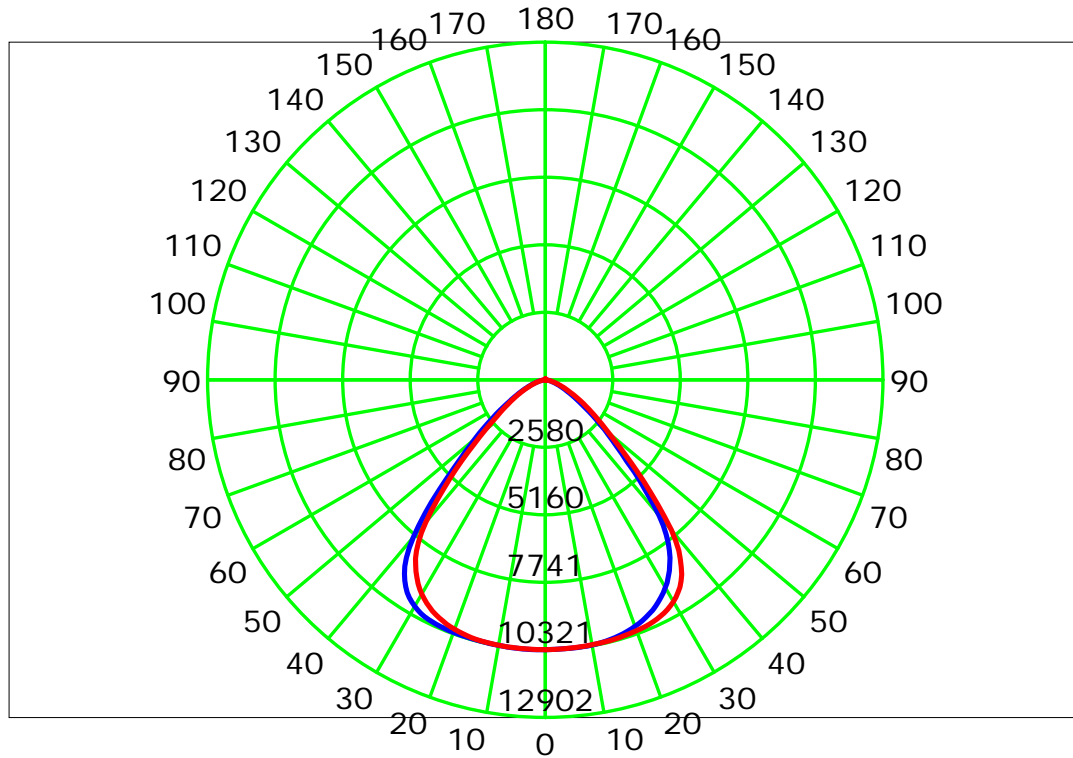
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

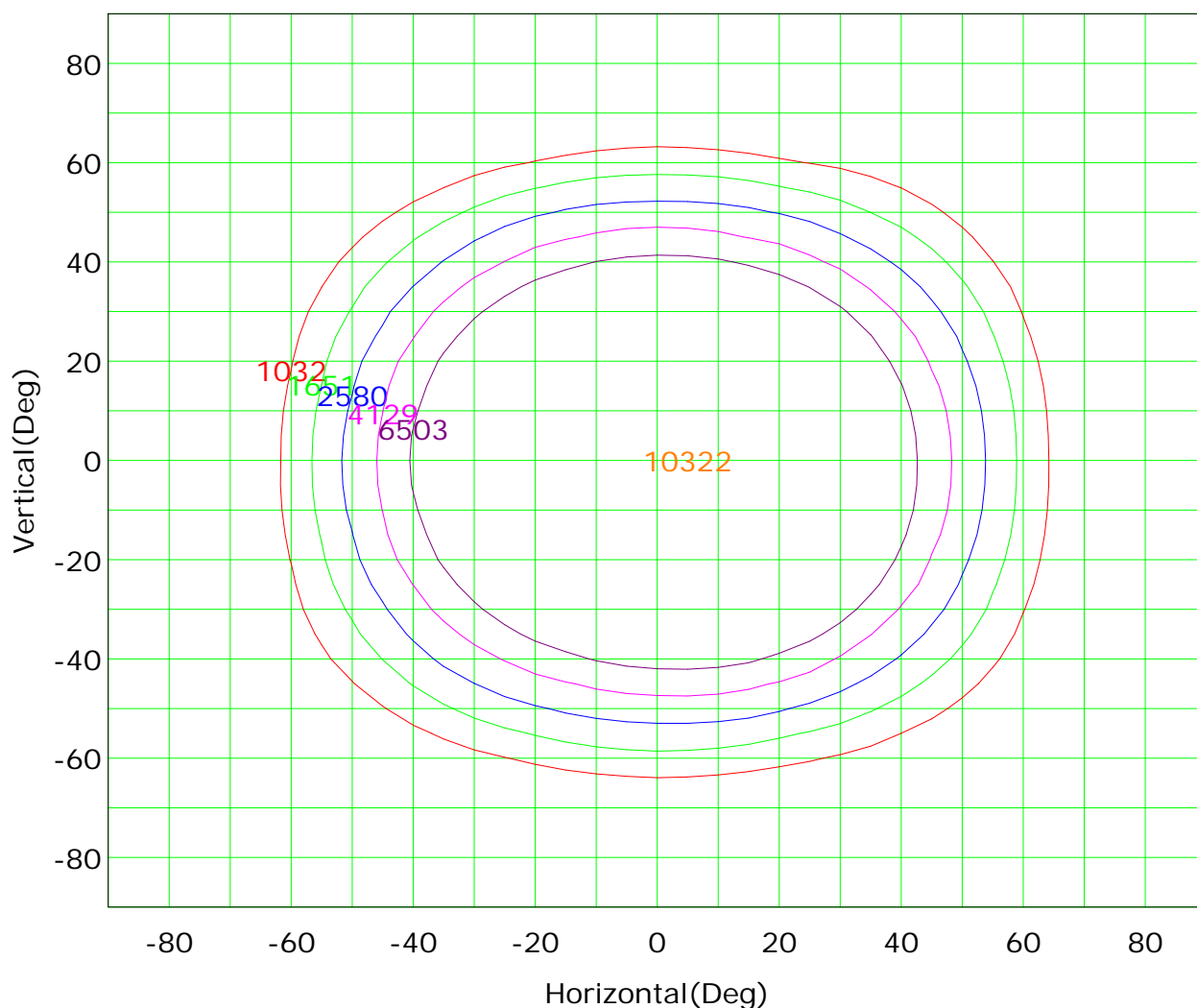
## Luminous Intensity Distribution Curve



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

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

## Isocandela (rectangle)



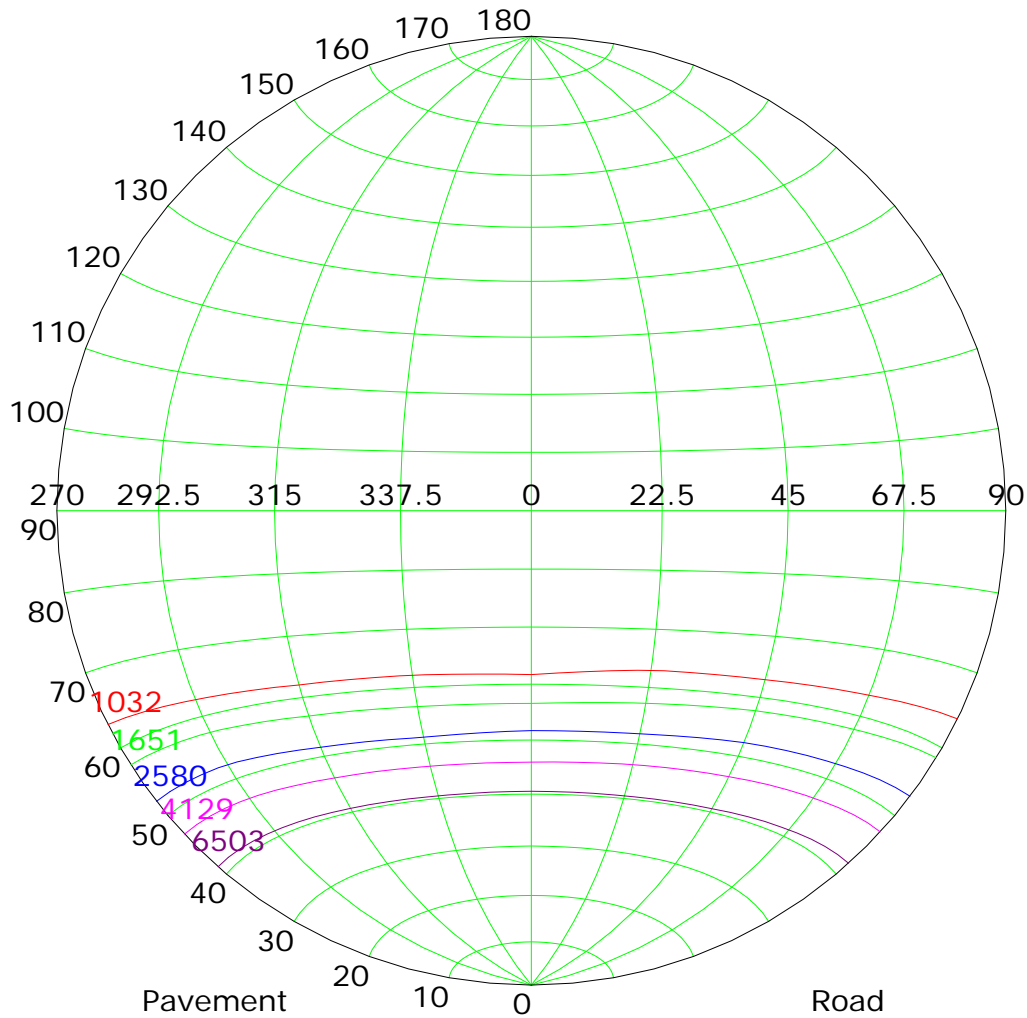
I<sub>max</sub> (100%): 10322 cd

( 10%): 1032 cd	( 16%): 1651 cd
( 25%): 2580 cd	( 40%): 4129 cd
( 63%): 6503 cd	(100%): 10322 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)



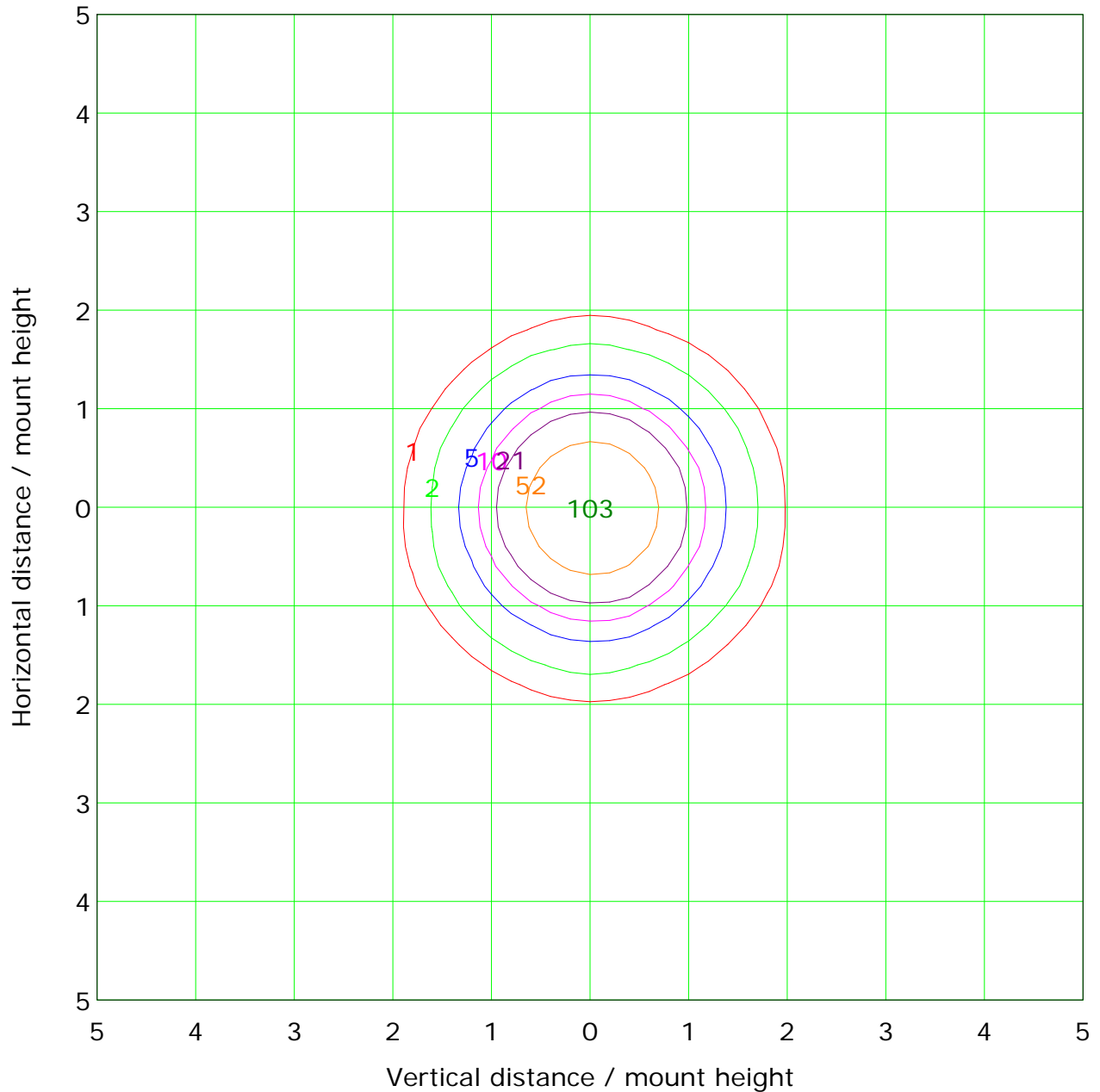
Imax (100%): 10322 cd

( 10%): 1032 cd	( 16%): 1651 cd
( 25%): 2580 cd	( 40%): 4129 cd
( 63%): 6503 cd	(100%): 10322 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

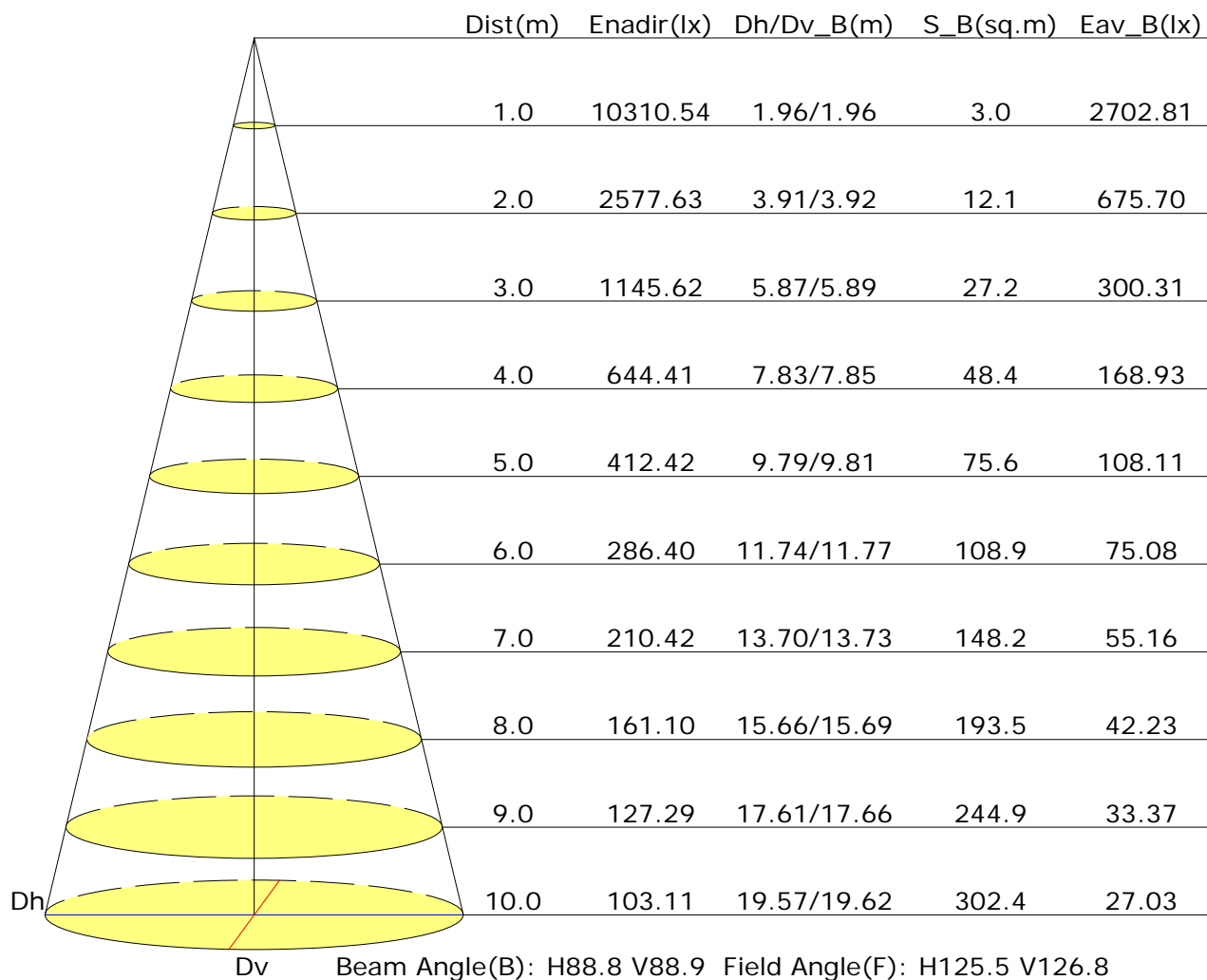


Mounting Height: 10.0m		Max Lux(100%): 103.1 lx	
— ( 1%):	1.0 lx	— ( 2%):	2.1 lx
— ( 5%):	5.2 lx	— ( 10%):	10.3 lx
— ( 20%):	20.6 lx	— ( 50%):	51.6 lx
— (100%):	103.1 lx		

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:

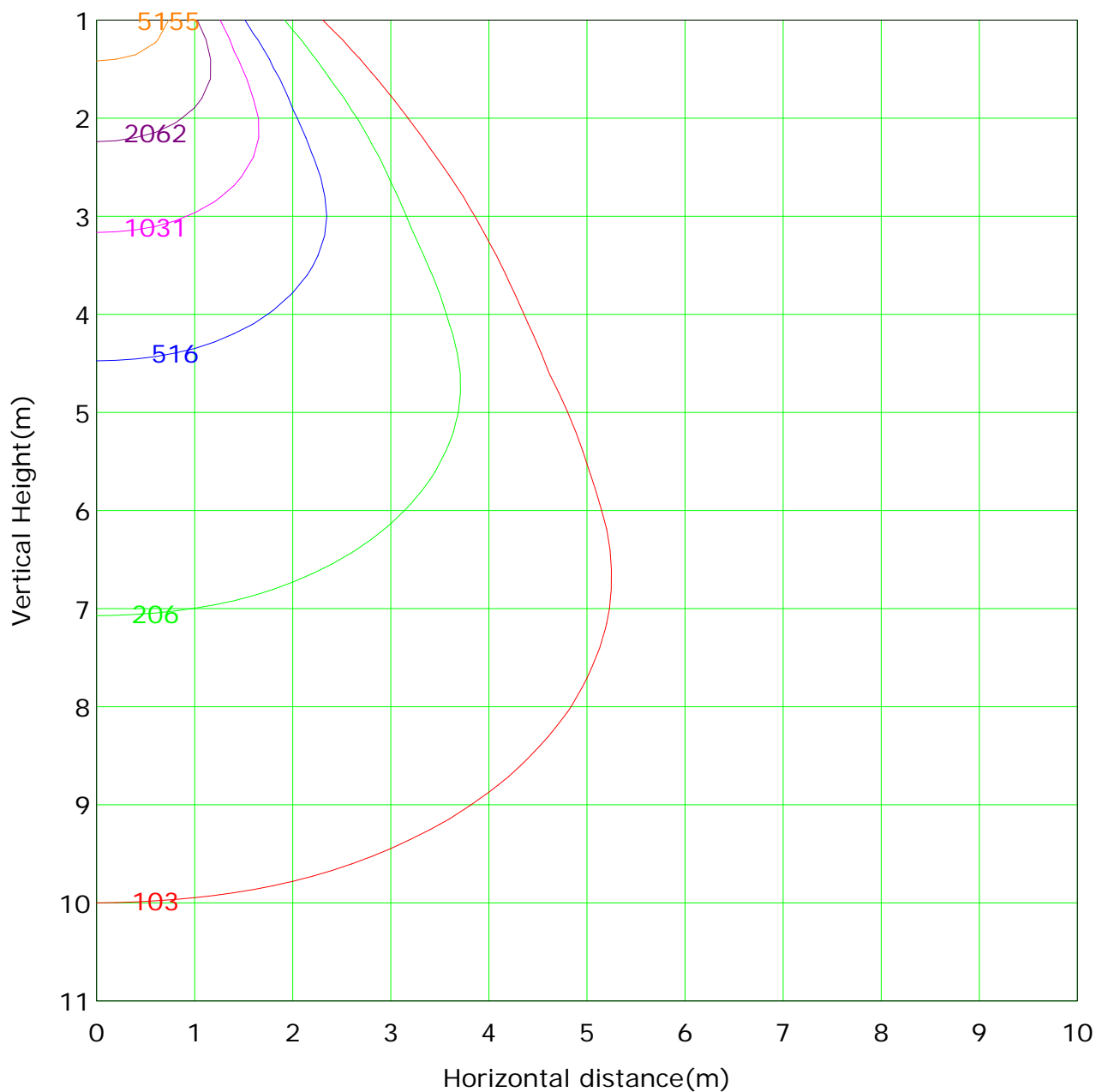
## Illuminance at a Distance



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

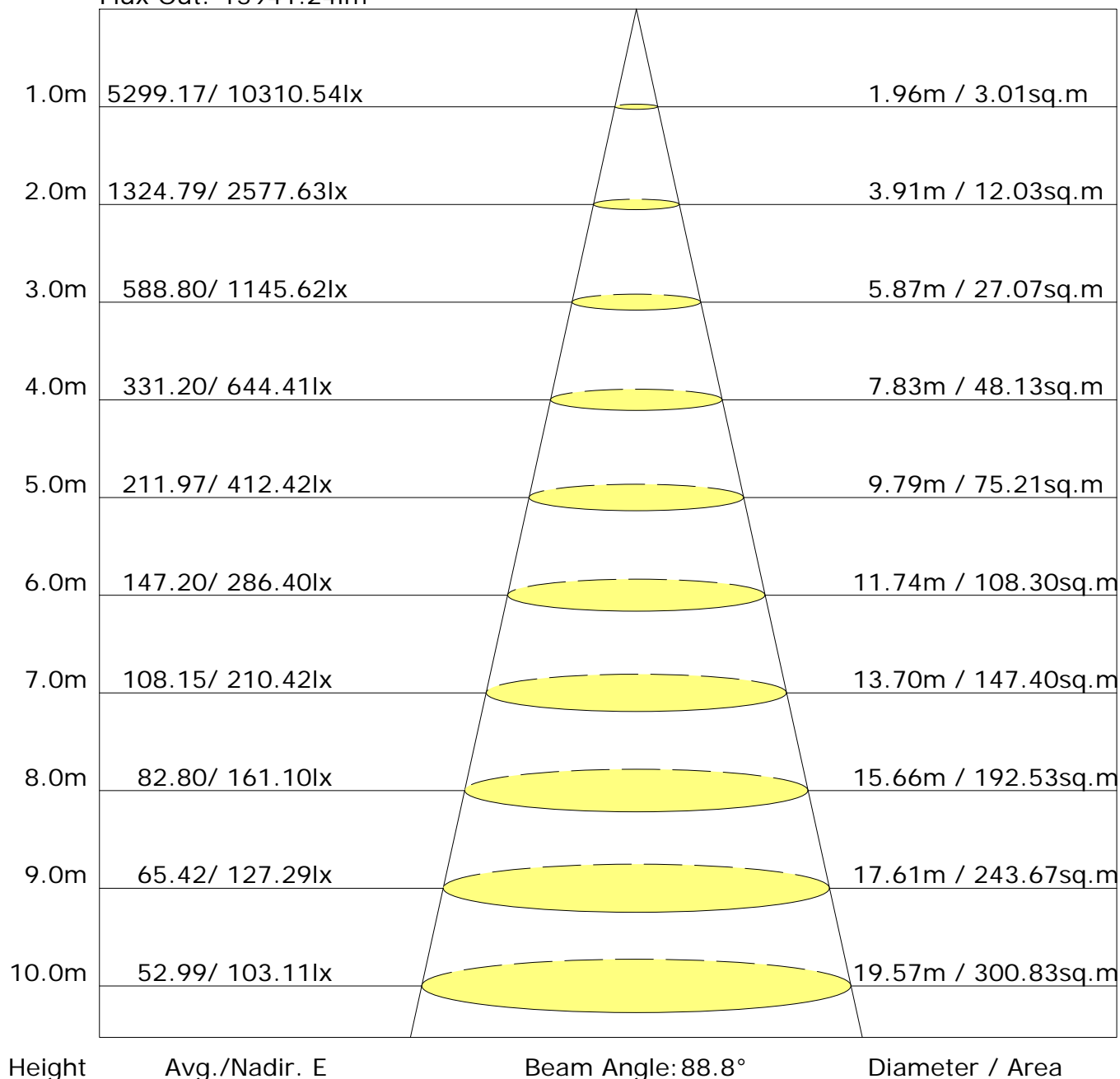


Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 10310.5 lx

( 1%): 103.1 lx	( 2%): 206.2 lx
( 5%): 515.5 lx	( 10%): 1031.1 lx
( 20%): 2062.1 lx	( 50%): 5155.3 lx
(100%): 10310.5 lx	

## The Average Illuminance Effective Figure

Flux Out: 15941.24lm



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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	10310.5	9.9	9.9	0.05	0.05
1.0-2.0	10310.7	29.6	39.5	0.14	0.19
2.0-3.0	10310.6	49.3	88.8	0.23	0.42
3.0-4.0	10310.0	69.0	157.8	0.33	0.75
4.0-5.0	10309.4	88.7	246.5	0.42	1.17
5.0-6.0	10307.7	108.3	354.8	0.52	1.69
6.0-7.0	10305.2	127.9	482.8	0.61	2.30
7.0-8.0	10302.6	147.5	630.2	0.70	3.00
8.0-9.0	10299.6	166.9	797.2	0.79	3.80
9.0-10.0	10295.9	186.3	983.5	0.89	4.68
10.0-11.0	10291.0	205.7	1189.2	0.98	5.66
11.0-12.0	10284.9	224.9	1414.0	1.07	6.73
12.0-13.0	10277.8	243.9	1658.0	1.16	7.89
13.0-14.0	10268.8	262.9	1920.9	1.25	9.15
14.0-15.0	10257.5	281.6	2202.5	1.34	10.49
15.0-16.0	10244.8	300.2	2502.7	1.43	11.92
16.0-17.0	10230.1	318.6	2821.4	1.52	13.43
17.0-18.0	10213.4	336.8	3158.2	1.60	15.04
18.0-19.0	10194.2	354.7	3512.9	1.69	16.72
19.0-20.0	10171.5	372.3	3885.2	1.77	18.50
20.0-21.0	10145.1	389.6	4274.8	1.85	20.35
21.0-22.0	10115.5	406.6	4681.4	1.94	22.29
22.0-23.0	10081.6	423.1	5104.4	2.01	24.30
23.0-24.0	10042.4	439.1	5543.6	2.09	26.39
24.0-25.0	9997.4	454.6	5998.2	2.16	28.56
25.0-26.0	9944.5	469.5	6467.7	2.24	30.79
26.0-27.0	9882.6	483.6	6951.3	2.30	33.09
27.0-28.0	9812.4	496.9	7448.1	2.37	35.46
28.0-29.0	9732.8	509.3	7957.4	2.42	37.88
29.0-30.0	9641.8	520.7	8478.0	2.48	40.36
30.0-31.0	9539.1	530.9	9009.0	2.53	42.89
31.0-32.0	9421.6	539.8	9548.8	2.57	45.46
32.0-33.0	9286.6	547.2	10096.0	2.61	48.07
33.0-34.0	9129.5	552.6	10648.5	2.63	50.70
34.0-35.0	8951.9	556.0	11204.6	2.65	53.34
35.0-36.0	8748.6	557.1	11761.7	2.65	56.00

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 1)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	8510.2	555.1	12316.8	2.64	58.64
37.0-38.0	8232.3	549.6	12866.4	2.62	61.26
38.0-39.0	7902.4	539.5	13405.8	2.57	63.82
39.0-40.0	7519.3	524.5	13930.3	2.50	66.32
40.0-41.0	7078.9	504.2	14434.5	2.40	68.72
41.0-42.0	6592.3	479.0	14913.5	2.28	71.00
42.0-43.0	6094.5	451.5	15365.0	2.15	73.15
43.0-44.0	5611.0	423.5	15788.5	2.02	75.17
44.0-45.0	5144.0	395.4	16183.9	1.88	77.05
45.0-46.0	4699.1	367.5	16551.5	1.75	78.80
46.0-47.0	4293.3	341.5	16893.0	1.63	80.43
47.0-48.0	3926.6	317.5	17210.5	1.51	81.94
48.0-49.0	3599.0	295.6	17506.0	1.41	83.34
49.0-50.0	3306.3	275.7	17781.7	1.31	84.66
50.0-51.0	3042.2	257.4	18039.2	1.23	85.88
51.0-52.0	2800.8	240.4	18279.5	1.14	87.03
52.0-53.0	2578.1	224.3	18503.8	1.07	88.10
53.0-54.0	2374.6	209.3	18713.1	1.00	89.09
54.0-55.0	2185.3	195.1	18908.2	0.93	90.02
55.0-56.0	2008.6	181.5	19089.8	0.86	90.88
56.0-57.0	1845.8	168.8	19258.6	0.80	91.69
57.0-58.0	1696.0	156.9	19415.4	0.75	92.44
58.0-59.0	1557.0	145.6	19561.0	0.69	93.13
59.0-60.0	1428.0	134.9	19695.9	0.64	93.77
60.0-61.0	1306.7	124.7	19820.6	0.59	94.36
61.0-62.0	1194.2	115.1	19935.7	0.55	94.91
62.0-63.0	1090.7	106.1	20041.8	0.51	95.42
63.0-64.0	995.5	97.7	20139.5	0.47	95.88
64.0-65.0	907.9	89.9	20229.4	0.43	96.31
65.0-66.0	825.6	82.4	20311.8	0.39	96.70
66.0-67.0	749.9	75.4	20387.2	0.36	97.06
67.0-68.0	680.5	68.9	20456.1	0.33	97.39
68.0-69.0	614.6	62.7	20518.8	0.30	97.69
69.0-70.0	553.7	56.9	20575.7	0.27	97.96
70.0-71.0	499.3	51.6	20627.3	0.25	98.21
71.0-72.0	448.4	46.6	20674.0	0.22	98.43

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	401.9	42.0	20716.0	0.20	98.63
73.0-74.0	360.6	37.9	20753.9	0.18	98.81
74.0-75.0	322.1	34.0	20787.9	0.16	98.97
75.0-76.0	285.5	30.3	20818.3	0.14	99.11
76.0-77.0	251.4	26.8	20845.1	0.13	99.24
77.0-78.0	218.6	23.4	20868.5	0.11	99.35
78.0-79.0	187.2	20.1	20888.6	0.10	99.45
79.0-80.0	156.8	16.9	20905.5	0.08	99.53
80.0-81.0	126.8	13.7	20919.2	0.07	99.59
81.0-82.0	99.0	10.7	20929.9	0.05	99.65
82.0-83.0	74.7	8.1	20938.1	0.04	99.68
83.0-84.0	55.0	6.0	20944.0	0.03	99.71
84.0-85.0	38.8	4.2	20948.3	0.02	99.73
85.0-86.0	25.0	2.7	20951.0	0.01	99.75
86.0-87.0	14.1	1.5	20952.6	0.01	99.75
87.0-88.0	6.0	0.7	20953.2	0.00	99.76
88.0-89.0	2.1	0.2	20953.4	0.00	99.76
89.0-90.0	0.9	0.1	20953.5	0.00	99.76
90.0-91.0	1.0	0.1	20953.7	0.00	99.76
91.0-92.0	1.7	0.2	20953.8	0.00	99.76
92.0-93.0	1.5	0.2	20954.0	0.00	99.76
93.0-94.0	0.5	0.1	20954.1	0.00	99.76
94.0-95.0	0.2	0.0	20954.1	0.00	99.76
95.0-96.0	0.2	0.0	20954.1	0.00	99.76
96.0-97.0	0.3	0.0	20954.1	0.00	99.76
97.0-98.0	0.7	0.1	20954.2	0.00	99.76
98.0-99.0	0.5	0.1	20954.3	0.00	99.76
99.0-100.0	0.2	0.0	20954.3	0.00	99.76
100.0-101.0	0.7	0.1	20954.4	0.00	99.76
101.0-102.0	0.9	0.1	20954.5	0.00	99.76
102.0-103.0	1.0	0.1	20954.6	0.00	99.76
103.0-104.0	1.0	0.1	20954.7	0.00	99.76
104.0-105.0	1.0	0.1	20954.8	0.00	99.76
105.0-106.0	0.7	0.1	20954.8	0.00	99.76
106.0-107.0	0.5	0.0	20954.9	0.00	99.76
107.0-108.0	0.7	0.1	20955.0	0.00	99.76

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.5	0.0	20955.0	0.00	99.77
109.0-110.0	0.7	0.1	20955.1	0.00	99.77
110.0-111.0	1.5	0.2	20955.2	0.00	99.77
111.0-112.0	2.0	0.2	20955.4	0.00	99.77
112.0-113.0	2.8	0.3	20955.7	0.00	99.77
113.0-114.0	2.3	0.2	20956.0	0.00	99.77
114.0-115.0	1.4	0.1	20956.1	0.00	99.77
115.0-116.0	1.8	0.2	20956.3	0.00	99.77
116.0-117.0	2.1	0.2	20956.5	0.00	99.77
117.0-118.0	2.0	0.2	20956.7	0.00	99.77
118.0-119.0	2.4	0.2	20956.9	0.00	99.77
119.0-120.0	2.4	0.2	20957.1	0.00	99.78
120.0-121.0	2.7	0.3	20957.4	0.00	99.78
121.0-122.0	3.4	0.3	20957.7	0.00	99.78
122.0-123.0	4.7	0.4	20958.1	0.00	99.78
123.0-124.0	5.1	0.5	20958.6	0.00	99.78
124.0-125.0	4.5	0.4	20959.0	0.00	99.78
125.0-126.0	6.0	0.5	20959.6	0.00	99.79
126.0-127.0	6.3	0.6	20960.1	0.00	99.79
127.0-128.0	6.7	0.6	20960.7	0.00	99.79
128.0-129.0	8.6	0.7	20961.4	0.00	99.80
129.0-130.0	8.9	0.8	20962.2	0.00	99.80
130.0-131.0	9.5	0.8	20963.0	0.00	99.80
131.0-132.0	9.9	0.8	20963.8	0.00	99.81
132.0-133.0	10.4	0.8	20964.6	0.00	99.81
133.0-134.0	11.5	0.9	20965.5	0.00	99.82
134.0-135.0	11.6	0.9	20966.5	0.00	99.82
135.0-136.0	12.0	0.9	20967.4	0.00	99.82
136.0-137.0	12.6	1.0	20968.3	0.00	99.83
137.0-138.0	13.0	1.0	20969.3	0.00	99.83
138.0-139.0	13.9	1.0	20970.3	0.00	99.84
139.0-140.0	15.5	1.1	20971.4	0.01	99.84
140.0-141.0	16.9	1.2	20972.6	0.01	99.85
141.0-142.0	16.8	1.1	20973.7	0.01	99.85
142.0-143.0	16.6	1.1	20974.8	0.01	99.86
143.0-144.0	18.0	1.2	20976.0	0.01	99.87

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	18.9	1.2	20977.2	0.01	99.87
145.0-146.0	18.7	1.2	20978.4	0.01	99.88
146.0-147.0	18.9	1.1	20979.5	0.01	99.88
147.0-148.0	19.9	1.2	20980.7	0.01	99.89
148.0-149.0	20.9	1.2	20981.9	0.01	99.89
149.0-150.0	21.3	1.2	20983.1	0.01	99.90
150.0-151.0	21.7	1.2	20984.3	0.01	99.90
151.0-152.0	22.1	1.2	20985.4	0.01	99.91
152.0-153.0	22.8	1.2	20986.6	0.01	99.92
153.0-154.0	23.5	1.1	20987.7	0.01	99.92
154.0-155.0	23.5	1.1	20988.8	0.01	99.93
155.0-156.0	23.4	1.1	20989.9	0.01	99.93
156.0-157.0	23.6	1.0	20990.9	0.00	99.94
157.0-158.0	24.1	1.0	20991.9	0.00	99.94
158.0-159.0	25.4	1.0	20992.9	0.00	99.95
159.0-160.0	26.1	1.0	20993.9	0.00	99.95
160.0-161.0	26.4	1.0	20994.9	0.00	99.96
161.0-162.0	26.8	0.9	20995.8	0.00	99.96
162.0-163.0	26.0	0.9	20996.7	0.00	99.96
163.0-164.0	26.5	0.8	20997.5	0.00	99.97
164.0-165.0	27.2	0.8	20998.3	0.00	99.97
165.0-166.0	27.0	0.7	20999.1	0.00	99.97
166.0-167.0	27.0	0.7	20999.8	0.00	99.98
167.0-168.0	27.4	0.6	21000.4	0.00	99.98
168.0-169.0	28.3	0.6	21001.0	0.00	99.98
169.0-170.0	28.7	0.6	21001.6	0.00	99.99
170.0-171.0	28.9	0.5	21002.1	0.00	99.99
171.0-172.0	29.2	0.5	21002.6	0.00	99.99
172.0-173.0	28.8	0.4	21003.0	0.00	99.99
173.0-174.0	28.9	0.4	21003.4	0.00	100.00
174.0-175.0	29.1	0.3	21003.7	0.00	100.00
175.0-176.0	28.7	0.2	21003.9	0.00	100.00
176.0-177.0	27.8	0.2	21004.1	0.00	100.00
177.0-178.0	26.9	0.1	21004.2	0.00	100.00
178.0-179.0	26.8	0.1	21004.3	0.00	100.00
179.0-180.0	25.4	0.0	21004.3	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°): 16183.93 lm

%lum = 77.1%

%lamp = 77.1%

cone flux(120°): 19695.93 lm

%lum = 93.8%

%lamp = 93.8%

## Candlepower Table

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	10310.5	10310.5	10310.5	10310.5	10310.5	10310.5	10310.5	10310.5	10310.5	10310.5
G1.0	10308.8	10309.9	10309.9	10307.4	10309.8	10307.4	10309.9	10308.1	10314.7	10311.6
G2.0	10309.2	10308.8	10312.3	10307.4	10306.4	10306.0	10309.2	10307.1	10318.1	10312.6
G3.0	10305.4	10307.5	10308.1	10303.7	10304.3	10304.3	10307.1	10308.1	10320.2	10313.6
G4.0	10303.7	10305.0	10305.4	10303.3	10303.0	10302.2	10307.1	10307.1	10317.7	10314.0
G5.0	10304.4	10305.0	10308.5	10299.2	10297.8	10298.4	10307.1	10306.4	10321.9	10308.5
G6.0	10302.6	10299.9	10304.0	10297.5	10294.0	10290.5	10305.4	10301.2	10316.7	10311.9
G7.0	10303.0	10297.1	10304.0	10294.7	10288.8	10287.4	10303.3	10299.8	10314.7	10307.5
G8.0	10298.9	10292.3	10301.6	10294.0	10288.1	10281.5	10299.1	10292.9	10314.3	10305.4
G9.0	10295.8	10287.5	10298.1	10288.2	10285.0	10283.2	10297.4	10292.9	10308.1	10304.7
G10.0	10289.6	10281.7	10293.6	10284.7	10281.2	10283.6	10294.0	10288.1	10303.0	10301.9
G11.0	10281.3	10274.8	10288.5	10276.8	10274.3	10279.8	10289.1	10282.2	10300.2	10299.5
G12.0	10269.0	10264.8	10278.5	10273.7	10271.6	10276.7	10282.2	10280.5	10297.1	10295.1
G13.0	10251.1	10248.3	10270.2	10267.5	10269.5	10270.1	10278.8	10272.2	10292.0	10295.1
G14.0	10232.9	10233.6	10255.1	10255.1	10267.1	10264.6	10264.9	10267.7	10291.0	10286.8
G15.0	10210.9	10211.9	10237.1	10245.5	10257.8	10253.9	10259.7	10260.7	10284.4	10285.1
G16.0	10178.6	10185.8	10216.8	10236.8	10249.9	10249.0	10248.3	10252.4	10281.3	10286.1
G17.0	10151.2	10160.0	10194.7	10221.0	10236.4	10242.5	10244.2	10247.3	10280.0	10281.3
G18.0	10112.3	10128.4	10173.0	10206.5	10225.7	10235.9	10240.1	10240.7	10278.2	10275.8
G19.0	10070.1	10090.6	10146.2	10186.9	10216.1	10227.6	10235.6	10237.2	10274.1	10271.0
G20.0	10027.1	10049.1	10116.2	10162.8	10202.6	10221.1	10225.2	10230.7	10270.0	10264.2
G21.0	9981.8	9999.2	10069.0	10135.6	10188.8	10210.7	10217.6	10224.1	10265.2	10255.2
G22.0	9923.1	9948.0	10029.0	10104.6	10176.1	10203.8	10209.7	10222.4	10254.5	10236.7
G23.0	9855.4	9891.0	9980.4	10068.5	10153.0	10191.3	10206.5	10213.7	10249.0	10219.5
G24.0	9784.3	9821.6	9923.2	10028.5	10126.1	10181.0	10197.2	10207.8	10228.8	10194.7
G25.0	9710.1	9746.0	9856.3	9977.2	10092.0	10162.7	10185.1	10199.5	10214.7	10163.8
G26.0	9622.2	9650.8	9773.3	9914.5	10048.5	10141.6	10166.8	10182.9	10191.0	10125.0
G27.0	9521.2	9558.7	9685.4	9842.2	9999.6	10104.6	10143.7	10160.1	10160.4	10072.4
G28.0	9413.0	9457.4	9582.4	9756.5	9940.3	10069.0	10124.0	10138.0	10119.5	10016.4
G29.0	9301.0	9338.8	9463.8	9655.2	9870.3	10025.2	10093.9	10104.4	10059.1	9945.3
G30.0	9170.5	9217.9	9349.8	9549.5	9787.6	9971.3	10056.2	10065.7	9990.4	9861.8
G31.0	9039.2	9090.7	9206.7	9427.9	9690.4	9900.1	10013.0	10008.0	9907.9	9764.9
G32.0	8873.3	8935.4	9059.2	9286.1	9570.4	9819.9	9951.6	9936.0	9811.4	9649.4
G33.0	8701.6	8757.4	8885.2	9122.5	9446.0	9722.9	9869.7	9845.8	9695.3	9499.6
G34.0	8506.8	8554.4	8689.1	8930.3	9277.0	9578.8	9778.4	9720.9	9541.1	9341.6
G35.0	8305.5	8367.1	8447.2	8718.6	9083.6	9427.5	9642.7	9574.6	9367.3	9158.1
G36.0	8072.3	8103.2	8229.4	8443.1	8836.5	9248.8	9487.5	9391.4	9163.2	8947.1

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 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	7812.9	7802.9	7936.1	8200.0	8574.1	9014.9	9270.2	9171.4	8922.4	8693.9
G38.0	7505.8	7494.7	7610.8	7856.3	8283.9	8745.1	8986.5	8889.9	8629.8	8401.8
G39.0	7162.3	7121.2	7209.3	7478.2	7912.9	8451.1	8641.0	8494.0	8259.1	8034.2
G40.0	6758.4	6706.8	6765.8	7028.4	7500.6	8027.5	8247.5	8119.4	7844.9	7638.0
G41.0	6270.6	6208.2	6295.1	6559.4	6968.7	7595.0	7772.4	7662.3	7365.4	7188.2
G42.0	5782.8	5734.8	5865.3	6052.9	6439.6	7046.7	7223.4	7080.3	6865.9	6687.2
G43.0	5348.3	5325.9	5391.5	5595.5	5909.0	6454.8	6587.3	6554.6	6371.6	6171.1
G44.0	4895.2	4924.9	4958.0	5124.1	5456.4	5945.2	6017.2	6044.2	5812.0	5714.1
G45.0	4407.5	4524.9	4546.9	4684.7	4983.1	5418.4	5539.7	5531.7	5320.8	5271.6
G46.0	4064.3	4146.6	4209.8	4289.4	4560.4	4917.7	5030.7	5020.6	4856.1	4840.7
G47.0	3736.3	3827.4	3886.6	3952.9	4124.0	4453.4	4549.4	4557.9	4461.7	4439.0
G48.0	3439.8	3487.6	3583.0	3627.2	3787.6	4105.1	4108.9	4129.4	4116.9	4039.8
G49.0	3182.2	3212.4	3296.6	3345.8	3457.6	3741.7	3754.7	3793.6	3783.0	3706.5
G50.0	2946.6	2946.4	3056.0	3073.8	3182.9	3435.2	3433.0	3486.2	3508.2	3411.0
G51.0	2697.9	2695.9	2830.0	2864.4	2939.9	3172.7	3153.2	3204.7	3244.0	3134.0
G52.0	2478.4	2452.6	2606.7	2637.5	2735.4	2905.6	2901.0	2952.2	2994.6	2876.3
G53.0	2276.0	2273.3	2417.5	2427.7	2518.3	2646.5	2672.2	2727.5	2734.3	2669.5
G54.0	2082.7	2080.9	2217.9	2230.1	2344.2	2409.5	2464.9	2538.0	2508.6	2474.0
G55.0	1872.8	1923.2	2051.2	2069.6	2172.1	2203.9	2259.7	2340.5	2301.5	2292.5
G56.0	1694.8	1784.0	1884.7	1909.1	2015.0	2010.4	2082.1	2159.3	2096.0	2099.8
G57.0	1557.1	1653.4	1735.8	1754.2	1857.4	1824.5	1910.4	2001.2	1904.7	1943.1
G58.0	1421.7	1529.4	1582.1	1615.4	1716.8	1666.7	1756.9	1846.0	1747.4	1783.6
G59.0	1298.4	1419.1	1447.7	1475.2	1588.2	1529.1	1608.7	1692.4	1604.8	1644.8
G60.0	1181.0	1315.3	1326.1	1354.4	1449.6	1396.5	1470.9	1567.9	1472.6	1505.0
G61.0	1071.4	1205.4	1208.2	1230.1	1332.7	1282.1	1346.1	1431.3	1354.1	1366.2
G62.0	979.3	1108.5	1102.1	1129.5	1220.0	1170.9	1232.1	1309.6	1230.4	1247.6
G63.0	895.2	1010.9	992.1	1030.0	1110.4	1073.8	1121.2	1206.2	1128.7	1132.5
G64.0	822.3	929.5	910.8	934.3	1013.2	979.8	1024.1	1100.7	1034.3	1038.0
G65.0	744.4	845.6	823.6	847.8	922.8	889.6	931.2	1007.4	949.8	945.3
G66.0	674.6	768.0	740.9	781.4	838.4	808.5	852.7	918.5	868.7	859.0
G67.0	614.2	694.1	668.9	708.0	766.0	733.8	772.2	847.9	782.8	771.7
G68.0	554.4	628.1	608.2	644.3	694.6	668.2	699.3	763.9	712.4	701.3
G69.0	499.8	563.5	540.7	575.4	622.2	597.7	633.0	697.5	648.5	630.5
G70.0	451.4	510.9	486.6	516.9	565.0	543.1	569.4	624.5	584.6	569.0
G71.0	403.6	455.3	438.3	463.9	506.1	491.3	512.7	560.9	525.2	513.3
G72.0	364.5	406.5	394.9	417.4	454.7	441.2	459.9	500.1	468.2	459.1
G73.0	330.8	363.9	355.0	376.0	404.4	394.2	411.2	447.8	419.4	410.6

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	292.3	329.9	318.4	343.0	364.7	359.7	371.4	404.3	382.0	356.7
G75.0	267.6	291.0	286.7	302.0	315.1	314.1	329.3	354.5	335.9	322.6
G76.0	232.6	254.6	251.6	264.5	280.6	282.3	290.9	310.9	294.0	285.2
G77.0	205.1	219.9	219.9	234.9	240.6	245.0	255.3	273.5	259.3	254.6
G78.0	173.8	188.6	194.4	200.8	212.7	214.2	219.4	234.1	220.5	215.1
G79.0	145.3	158.7	164.7	174.3	177.9	180.7	189.0	204.0	187.9	177.3
G80.0	121.3	131.3	135.1	141.9	150.0	151.7	153.8	165.3	153.5	146.0
G81.0	95.8	96.6	105.5	114.7	117.5	118.9	122.3	129.3	121.3	122.7
G82.0	74.2	78.0	81.7	90.9	91.4	89.5	93.6	108.2	86.9	84.2
G83.0	50.5	53.3	59.6	67.8	63.1	63.9	68.4	78.5	69.4	65.3
G84.0	39.5	36.4	42.7	49.2	48.6	51.5	50.8	57.8	46.0	46.4
G85.0	21.6	24.7	33.1	32.0	33.4	38.4	32.1	39.1	26.8	28.2
G86.0	15.5	12.4	15.9	21.7	18.6	24.2	28.0	14.9	15.8	13.4
G87.0	0.0	8.9	7.9	11.4	11.7	14.2	12.1	10.0	0.0	7.9
G88.0	0.0	0.0	0.0	0.0	8.6	9.0	8.3	9.0	0.0	0.0
G89.0	0.0	0.0	0.0	0.0	7.2	0.0	7.3	8.0	0.0	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	8.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	7.9	6.9	8.3	8.3	0.0	0.0
G93.0	0.0	0.0	0.0	7.9	0.0	7.9	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	6.9	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	8.3	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	0.0	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	6.9	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	7.6	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	9.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	8.6	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	0.0	0.0	8.3	7.9	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	6.9	8.3	0.0	9.0	0.0	0.0
G113.0	0.0	0.0	0.0	7.6	9.0	6.9	9.0	10.7	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	7.2	0.0	7.9	6.9	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	0.0	0.0
G117.0	0.0	0.0	0.0	8.3	0.0	7.9	0.0	7.3	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	8.6	0.0	0.0
G119.0	0.0	0.0	0.0	6.9	0.0	7.9	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	8.0	0.0	0.0
G121.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0
G122.0	0.0	0.0	0.0	9.0	8.3	0.0	0.0	10.0	0.0	0.0
G123.0	0.0	0.0	7.6	8.6	9.3	7.9	8.3	9.7	0.0	0.0
G124.0	0.0	0.0	0.0	6.9	7.9	6.9	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	6.9	9.0	8.6	7.6	9.0	0.0	0.0	0.0
G126.0	7.6	7.2	9.0	9.0	6.9	9.0	7.9	14.2	0.0	0.0
G127.0	0.0	0.0	0.0	11.0	8.3	8.6	8.6	12.1	0.0	0.0
G128.0	0.0	9.6	7.6	10.0	9.3	7.6	11.1	7.6	0.0	0.0
G129.0	8.2	8.9	7.9	9.0	9.3	9.7	10.0	9.7	0.0	7.9
G130.0	7.9	10.0	11.4	7.6	10.0	10.7	11.1	10.4	6.9	0.0
G131.0	8.9	8.2	7.9	13.8	11.0	11.4	10.4	14.2	0.0	8.6
G132.0	10.3	7.9	12.8	14.1	15.5	8.3	9.3	12.1	0.0	0.0
G133.0	10.0	12.0	12.8	11.7	14.8	13.5	10.0	12.8	0.0	8.6
G134.0	10.0	15.1	10.7	11.7	11.4	14.9	11.4	13.1	0.0	8.9
G135.0	10.7	11.7	9.0	13.1	13.1	10.7	12.1	13.8	0.0	11.0
G136.0	8.9	13.4	12.1	14.5	13.8	13.5	12.4	17.3	0.0	9.6
G137.0	12.0	8.9	11.7	12.4	13.4	7.6	16.2	17.3	7.9	10.3
G138.0	7.6	15.5	10.3	15.8	16.5	15.9	12.4	18.7	11.0	12.0
G139.0	11.7	10.0	16.2	13.4	9.3	16.9	15.2	16.9	13.1	10.0
G140.0	15.1	17.5	14.5	15.8	17.6	18.0	15.9	17.6	11.7	12.7
G141.0	12.0	15.5	17.9	19.3	20.7	18.7	15.2	18.0	13.7	14.1
G142.0	14.4	13.4	17.9	17.6	21.4	16.9	16.9	19.7	10.7	12.4
G143.0	15.1	16.8	18.3	10.3	15.5	18.0	19.7	21.1	14.4	12.0
G144.0	16.8	20.3	19.6	19.6	17.2	22.8	20.0	20.1	14.8	16.8
G145.0	16.5	18.6	21.7	20.7	21.4	20.4	19.0	20.1	11.0	12.0
G146.0	16.8	17.5	15.2	21.3	18.3	20.7	19.7	22.1	13.1	17.2
G147.0	10.7	22.0	22.7	18.3	16.9	17.6	16.6	19.7	17.5	15.5

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	20.3	23.0	15.2	24.1	23.1	22.5	20.4	24.9	13.7	13.7
G149.0	19.2	19.9	18.3	20.7	22.4	23.5	24.5	17.3	14.8	16.5
G150.0	23.7	19.6	21.4	23.1	24.5	24.9	20.4	21.8	15.1	21.0
G151.0	16.8	18.6	21.4	24.8	17.9	23.5	23.2	24.6	17.5	18.2
G152.0	20.9	24.7	21.7	20.7	24.5	23.2	23.8	25.2	16.8	16.8
G153.0	20.9	23.7	24.5	22.7	27.6	21.4	23.8	27.0	14.1	16.8
G154.0	18.5	22.7	18.3	17.6	27.9	24.5	26.3	27.0	18.9	23.0
G155.0	25.4	26.5	23.1	22.4	25.5	19.3	22.1	20.1	18.9	18.2
G156.0	23.4	21.6	22.7	23.4	24.1	25.9	24.9	23.5	17.5	17.9
G157.0	25.4	26.5	23.4	23.4	25.2	21.1	25.9	27.0	20.3	20.3
G158.0	18.5	25.4	24.1	24.1	25.9	26.3	27.6	24.2	19.6	21.3
G159.0	26.1	27.8	26.5	23.4	26.9	24.5	27.6	24.9	20.9	24.1
G160.0	24.0	22.0	27.9	25.1	17.2	25.9	29.0	28.7	19.9	21.0
G161.0	23.7	25.8	26.2	24.5	27.6	27.3	31.1	29.7	22.3	23.7
G162.0	22.7	30.2	27.6	28.2	31.0	28.3	21.4	30.4	21.6	24.7
G163.0	26.4	28.2	26.5	29.3	21.4	29.0	29.4	24.9	21.6	15.5
G164.0	28.9	27.8	28.6	30.7	30.0	23.5	32.5	30.8	21.3	19.6
G165.0	29.2	24.4	28.9	28.2	26.9	29.0	29.4	31.8	21.3	28.9
G166.0	26.4	25.1	27.2	28.9	31.4	28.7	28.0	29.0	22.0	21.0
G167.0	28.5	28.9	30.3	28.9	27.9	24.9	29.7	26.6	21.3	17.5
G168.0	26.4	30.6	25.2	30.0	28.3	35.2	27.6	32.2	8.9	24.7
G169.0	20.3	27.1	29.6	30.3	27.9	29.7	28.0	28.4	23.4	29.2
G170.0	27.1	23.4	29.3	33.1	30.3	27.6	32.8	16.6	23.0	26.8
G171.0	22.3	26.5	30.3	28.6	28.6	31.4	31.1	29.4	23.7	28.2
G172.0	28.2	27.8	28.9	34.1	30.3	30.1	29.7	30.8	24.7	27.1
G173.0	22.3	25.8	29.6	29.3	28.3	20.7	31.1	32.2	23.0	25.8
G174.0	27.8	27.1	29.3	27.9	30.7	28.7	28.3	31.1	26.1	30.2
G175.0	29.2	27.8	17.2	24.8	31.7	27.6	31.4	33.5	27.1	26.8
G176.0	21.6	30.2	27.2	24.1	28.6	30.4	29.7	37.0	25.1	25.8
G177.0	27.5	28.2	18.6	28.9	25.2	28.3	28.0	29.0	21.3	25.1
G178.0	21.6	24.1	25.2	31.3	28.3	23.2	27.3	23.9	24.4	27.5
G179.0	27.1	28.9	25.8	27.5	22.1	31.1	30.1	30.4	27.8	24.4
G180.0	19.2	25.1	26.5	13.8	29.7	26.3	22.1	30.1	25.8	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:

## Candlepower Table (Continue 5)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	10310.5	10310.5	10310.5	10310.5	10310.5	10310.5	10310.5			
G1.0	10314.3	10310.9	10310.5	10310.5	10314.0	10308.1	10308.8			
G2.0	10315.7	10314.0	10312.3	10311.9	10317.1	10307.4	10309.2			
G3.0	10315.4	10312.6	10310.5	10313.6	10317.5	10312.6	10305.4			
G4.0	10317.4	10315.7	10309.8	10313.6	10319.5	10311.9	10303.7			
G5.0	10316.1	10315.4	10308.1	10317.4	10316.8	10313.0	10304.4			
G6.0	10315.4	10314.0	10308.8	10313.3	10317.5	10309.9	10302.6			
G7.0	10315.0	10312.6	10305.0	10309.8	10313.3	10307.4	10303.0			
G8.0	10313.3	10308.8	10309.2	10308.1	10309.5	10303.6	10298.9			
G9.0	10309.9	10308.8	10303.0	10300.9	10306.4	10297.7	10295.8			
G10.0	10306.4	10306.7	10299.8	10295.3	10300.5	10290.1	10289.6			
G11.0	10303.3	10303.3	10295.7	10292.6	10287.4	10281.5	10281.3			
G12.0	10302.6	10297.5	10287.4	10282.9	10278.1	10268.0	10269.0			
G13.0	10297.1	10293.0	10283.3	10274.6	10267.3	10252.4	10251.1			
G14.0	10295.0	10286.1	10273.7	10262.9	10252.1	10229.6	10232.9			
G15.0	10290.2	10280.9	10261.9	10245.2	10230.0	10207.5	10210.9			
G16.0	10286.1	10271.3	10248.5	10226.6	10206.9	10185.0	10178.6			
G17.0	10280.6	10258.2	10225.4	10200.0	10177.9	10153.5	10151.2			
G18.0	10277.1	10242.7	10201.6	10171.3	10147.5	10116.2	10112.3			
G19.0	10266.1	10222.4	10175.7	10142.6	10105.7	10073.0	10070.1			
G20.0	10246.4	10199.3	10143.7	10101.9	10059.4	10029.1	10027.1			
G21.0	10228.9	10169.7	10108.9	10054.9	10009.2	9977.2	9981.8			
G22.0	10203.4	10141.8	10071.0	10007.9	9952.9	9916.3	9923.1			
G23.0	10173.4	10104.3	10015.8	9944.0	9888.3	9855.1	9855.4			
G24.0	10141.0	10061.2	9963.1	9879.7	9820.9	9788.4	9784.3			
G25.0	10101.4	10005.4	9903.1	9809.6	9735.9	9705.4	9710.1			
G26.0	10050.4	9949.6	9836.2	9731.8	9653.4	9619.3	9622.2			
G27.0	9988.3	9883.2	9746.9	9636.1	9559.4	9523.1	9521.2			
G28.0	9923.9	9803.6	9661.4	9536.6	9455.7	9414.5	9413.0			
G29.0	9841.9	9714.1	9558.7	9426.1	9342.7	9296.6	9301.0			
G30.0	9748.8	9606.0	9448.0	9303.8	9215.9	9155.9	9170.5			
G31.0	9640.3	9488.9	9321.8	9172.5	9066.0	9013.4	9039.2			
G32.0	9507.6	9359.4	9184.3	9012.5	8919.5	8863.3	8873.3			
G33.0	9364.9	9209.6	9015.0	8849.4	8756.4	8691.1	8701.6			
G34.0	9203.3	9037.1	8840.6	8669.5	8571.9	8470.8	8506.8			
G35.0	9013.8	8840.8	8641.7	8459.0	8400.2	8303.1	8305.5			
G36.0	8798.4	8593.9	8442.1	8262.1	8139.3	8045.1	8072.3			

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 6)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	8507.2	8366.3	8185.3	8004.7	7876.0	7784.3	7812.9			
G38.0	8232.9	8072.5	7867.4	7679.3	7569.2	7484.2	7505.8			
G39.0	7877.9	7733.0	7521.0	7337.9	7202.3	7130.1	7162.3			
G40.0	7484.4	7352.5	7110.4	6942.3	6811.2	6715.1	6758.4			
G41.0	7027.7	6841.1	6658.8	6499.8	6357.5	6201.2	6270.6			
G42.0	6516.3	6349.7	6192.0	6047.2	5855.1	5744.4	5782.8			
G43.0	5995.6	5849.7	5704.3	5555.5	5401.8	5325.2	5348.3			
G44.0	5522.5	5360.3	5265.8	5103.6	4960.9	4904.7	4895.2			
G45.0	5061.7	4841.0	4843.8	4675.2	4507.3	4442.0	4407.5			
G46.0	4586.1	4405.4	4420.8	4272.4	4099.9	4051.6	4064.3			
G47.0	4204.0	4028.7	4036.4	3913.0	3744.7	3696.4	3736.3			
G48.0	3869.7	3706.7	3652.8	3576.9	3430.6	3376.9	3439.8			
G49.0	3553.7	3420.9	3336.3	3308.8	3151.8	3083.3	3182.2			
G50.0	3240.8	3150.9	3047.1	3071.8	2882.0	2801.1	2946.6			
G51.0	2974.4	2911.9	2782.3	2842.0	2653.6	2575.3	2697.9			
G52.0	2747.3	2693.3	2527.2	2605.0	2454.9	2380.6	2478.4			
G53.0	2539.8	2481.1	2316.9	2390.5	2261.1	2199.7	2276.0			
G54.0	2351.0	2275.5	2141.8	2199.1	2086.6	2029.3	2082.7			
G55.0	2155.9	2070.6	1989.8	2023.2	1910.4	1860.1	1872.8			
G56.0	1988.4	1894.0	1842.2	1835.9	1761.4	1720.1	1694.8			
G57.0	1829.2	1732.8	1697.5	1682.2	1618.7	1587.3	1557.1			
G58.0	1687.6	1582.0	1567.8	1539.9	1475.4	1464.9	1421.7			
G59.0	1565.6	1429.8	1451.0	1403.7	1344.4	1335.9	1298.4			
G60.0	1441.9	1307.2	1339.6	1280.0	1224.9	1224.2	1181.0			
G61.0	1314.7	1194.6	1235.2	1151.5	1114.6	1120.8	1071.4			
G62.0	1206.8	1094.0	1124.2	1055.1	1017.9	1026.7	979.3			
G63.0	1111.7	993.8	1031.8	961.2	917.3	930.9	895.2			
G64.0	1018.0	907.0	943.9	867.2	834.1	852.1	822.3			
G65.0	926.7	827.2	860.4	789.1	757.7	776.0	744.4			
G66.0	846.0	751.4	776.7	704.1	684.1	700.6	674.6			
G67.0	771.9	687.7	706.0	640.2	619.9	637.3	614.2			
G68.0	705.8	623.3	640.5	575.6	557.0	574.7	554.4			
G69.0	636.2	564.1	576.7	511.7	501.0	516.0	499.8			
G70.0	576.2	514.5	514.0	463.6	449.2	465.8	451.4			
G71.0	526.2	465.2	462.3	419.8	409.4	418.4	403.6			
G72.0	468.0	414.6	414.4	378.3	362.8	373.1	364.5			
G73.0	415.3	375.7	371.3	343.8	328.2	335.8	330.8			

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 7)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	370.5	340.6	330.3	300.9	292.0	298.8	292.3			
G75.0	335.7	301.3	299.6	273.3	260.2	264.2	267.6			
G76.0	286.7	268.3	264.1	243.9	238.7	235.2	232.6			
G77.0	257.1	235.5	230.6	221.1	205.6	201.3	205.1			
G78.0	218.5	204.2	202.0	181.7	179.0	177.1	173.8			
G79.0	186.1	177.3	168.6	158.2	155.8	148.4	145.3			
G80.0	152.7	145.7	135.5	131.6	128.5	118.3	121.3			
G81.0	121.3	116.0	113.8	107.1	100.2	91.6	95.8			
G82.0	89.3	88.8	85.8	86.7	74.3	69.5	74.2			
G83.0	67.2	67.2	66.9	67.0	57.0	52.6	50.5			
G84.0	44.8	52.3	47.9	50.4	38.7	40.8	39.5			
G85.0	33.8	33.1	37.2	32.5	28.0	23.5	21.6			
G86.0	19.3	24.5	24.1	25.9	13.5	14.5	15.5			
G87.0	6.9	14.5	12.1	10.7	7.6	11.8	0.0			
G88.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0			
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G91.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0			
G92.0	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			
G94.0	0.0	0.0	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			
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	0.0	0.0	0.0			
G98.0	0.0	7.2	0.0	0.0	0.0	7.6	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0			
G102.0	0.0	6.9	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			
G104.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	8.3	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	0.0	0.0	8.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	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 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	9.0	0.0	0.0	0.0			
G112.0	0.0	0.0	6.9	6.9	0.0	0.0	0.0			
G113.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0			
G114.0	0.0	7.6	0.0	7.6	0.0	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	6.9	0.0	9.7	7.3	0.0			
G117.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0			
G118.0	0.0	7.9	0.0	0.0	0.0	7.6	0.0			
G119.0	0.0	7.2	6.9	0.0	8.3	8.0	0.0			
G120.0	0.0	0.0	8.6	6.9	0.0	0.0	0.0			
G121.0	0.0	6.9	8.3	8.3	9.0	8.6	0.0			
G122.0	0.0	0.0	7.9	9.0	10.7	0.0	0.0			
G123.0	0.0	7.9	9.3	7.3	10.0	10.7	0.0			
G124.0	8.6	0.0	7.6	9.0	10.4	10.7	0.0			
G125.0	0.0	9.6	7.2	10.4	0.0	8.3	0.0			
G126.0	9.6	7.2	10.0	7.6	0.0	11.8	7.6			
G127.0	0.0	11.0	0.0	7.6	8.6	8.3	0.0			
G128.0	11.0	9.6	9.6	12.1	14.5	9.7	0.0			
G129.0	7.2	9.6	9.3	11.7	12.4	14.5	8.2			
G130.0	7.9	11.7	10.7	13.5	0.0	10.7	7.9			
G131.0	12.1	10.7	9.0	10.7	14.9	13.1	8.9			
G132.0	7.9	8.3	13.1	11.1	9.3	12.4	10.3			
G133.0	9.3	15.8	12.4	9.3	13.1	14.2	10.0			
G134.0	11.4	14.1	15.9	14.5	11.1	12.4	10.0			
G135.0	10.3	11.7	11.0	13.8	16.6	15.9	10.7			
G136.0	12.8	14.5	14.5	11.7	16.6	14.2	8.9			
G137.0	13.1	15.5	15.5	13.5	13.5	15.9	12.0			
G138.0	13.8	0.0	13.8	13.5	17.3	18.3	7.6			
G139.0	15.2	17.6	13.8	17.6	14.9	19.7	11.7			
G140.0	12.8	18.6	17.6	23.2	20.0	17.3	15.1			
G141.0	17.2	17.6	16.9	13.5	20.7	23.2	12.0			
G142.0	14.8	16.2	22.1	22.1	18.3	9.3	14.4			
G143.0	16.2	15.2	19.3	16.9	19.0	19.7	15.1			
G144.0	18.3	21.3	16.9	21.1	21.4	19.7	16.8			
G145.0	15.9	19.6	16.2	19.7	20.4	23.9	16.5			
G146.0	17.9	20.3	21.4	16.9	20.4	21.4	16.8			
G147.0	21.0	21.7	20.3	19.7	23.5	21.1	10.7			

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 9)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	21.4	22.4	19.7	20.7	24.2	22.8	20.3			
G149.0	17.2	23.1	23.4	25.9	24.9	24.6	19.2			
G150.0	17.6	18.9	21.7	23.2	25.9	22.8	23.7			
G151.0	20.7	22.7	23.1	23.2	26.6	27.3	16.8			
G152.0	24.8	21.0	20.7	26.3	20.7	24.9	20.9			
G153.0	23.1	21.0	26.5	27.6	25.6	25.6	20.9			
G154.0	25.2	26.9	22.1	27.0	27.3	26.3	18.5			
G155.0	25.5	30.0	23.4	21.4	24.2	26.6	25.4			
G156.0	27.2	25.5	25.5	28.3	18.3	24.9	23.4			
G157.0	23.4	24.5	19.3	21.1	27.6	26.6	25.4			
G158.0	19.6	28.6	25.9	27.0	22.5	30.8	18.5			
G159.0	23.4	28.6	27.6	28.7	28.7	31.1	26.1			
G160.0	27.6	31.0	27.2	25.2	29.7	31.1	24.0			
G161.0	28.3	26.9	25.5	26.6	31.1	32.5	23.7			
G162.0	28.3	27.2	28.6	28.3	21.4	26.3	22.7			
G163.0	25.8	27.2	25.9	21.1	29.0	25.6	26.4			
G164.0	27.6	27.9	27.9	27.6	31.1	24.6	28.9			
G165.0	27.9	26.2	27.6	27.6	21.4	21.4	29.2			
G166.0	25.2	28.9	27.2	25.9	30.4	29.7	26.4			
G167.0	26.5	31.3	20.0	29.0	27.0	31.1	28.5			
G168.0	30.7	26.5	28.3	32.5	28.0	31.1	26.4			
G169.0	24.1	31.0	33.1	31.4	34.2	32.9	20.3			
G170.0	29.3	31.7	25.9	31.8	35.2	33.9	27.1			
G171.0	29.6	32.4	29.0	32.8	28.7	35.6	22.3			
G172.0	26.2	33.4	31.4	25.9	25.2	32.5	28.2			
G173.0	26.9	32.0	31.7	32.8	31.1	33.2	22.3			
G174.0	26.9	32.7	32.4	29.4	30.4	28.7	27.8			
G175.0	29.3	31.3	30.0	30.8	33.2	30.1	29.2			
G176.0	29.6	29.3	26.9	28.0	31.1	32.5	21.6			
G177.0	24.1	31.3	29.3	30.4	23.5	33.2	27.5			
G178.0	23.4	28.9	28.3	30.4	28.3	31.8	21.6			
G179.0	22.4	30.7	26.2	29.7	18.7	27.3	27.1			
G180.0	25.2	26.5	13.8	29.7	26.3	22.1	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: