

Report No.:

Test Time: 2022-6-28 09:49

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 1.813 A
Power Factor: 0.994

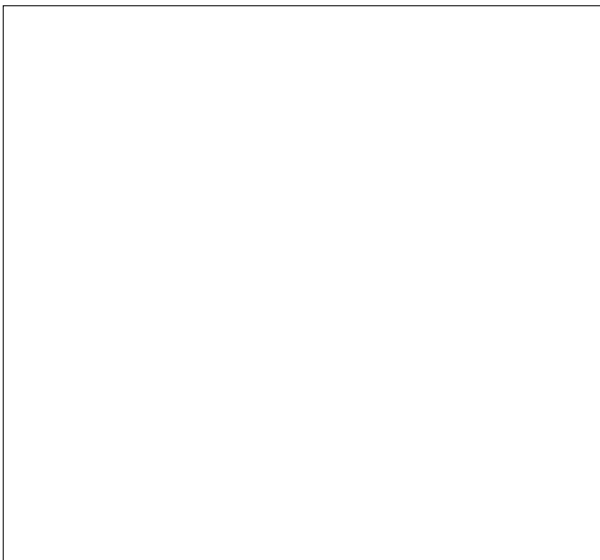
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 216.31 W

Photometric Results

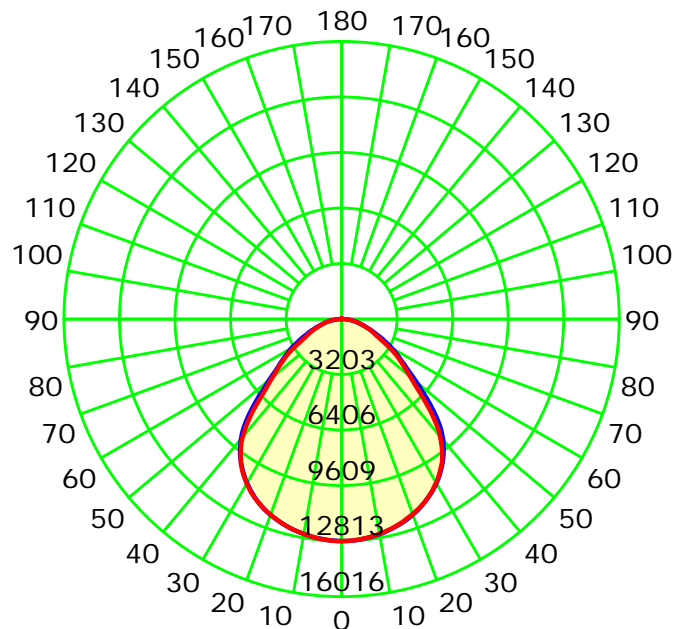
CIE Class: Direct
Measurement Flux: 30181.7 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%): H148.1,H95.1
Vertical Diffuse Angle(10%,50%): V146.9,V92.5
Luminaire Efficacy Rating (LER): 139.58
Max. Intensity: 12813.04 cd
S/MH(C0/C180): 1.26

Total Rated Lamp Lumens: 30181.7 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 12804.86 cd
Pos of Max. Intensity: H292.5 V1
S/MH(C90/C270): 1.26

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

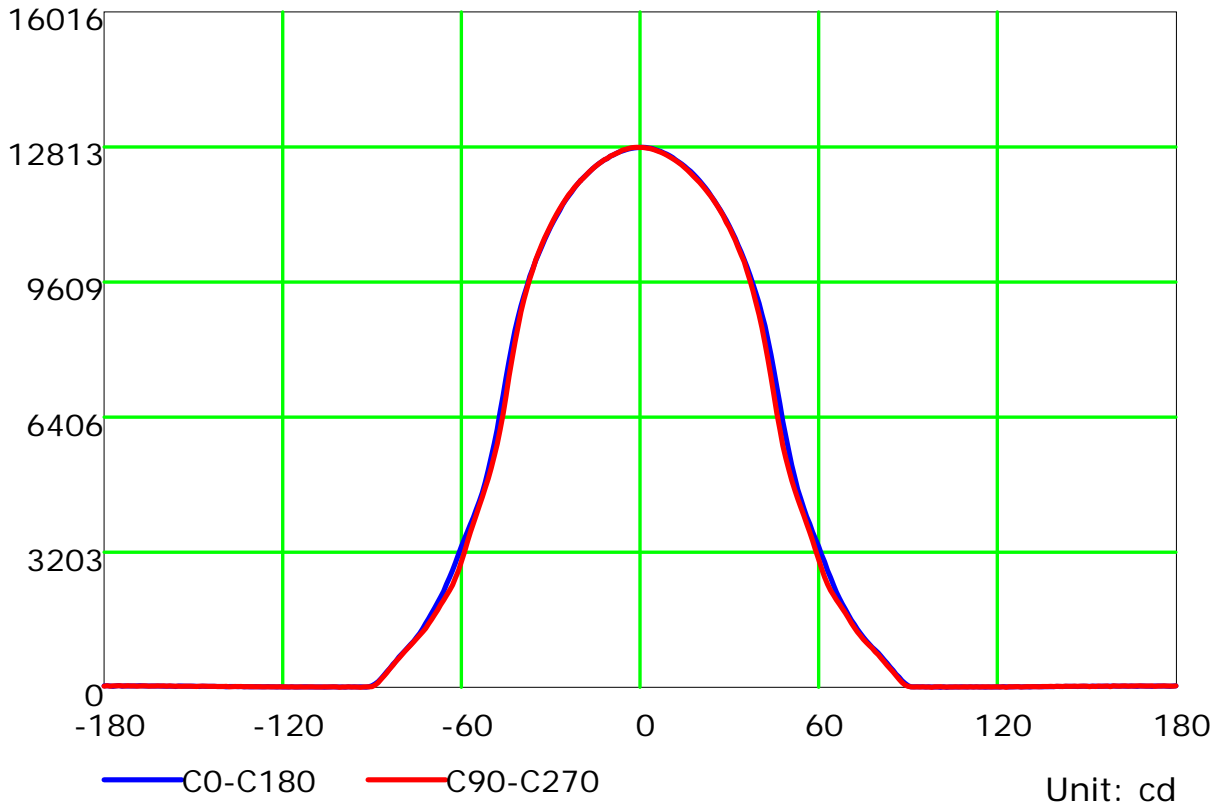
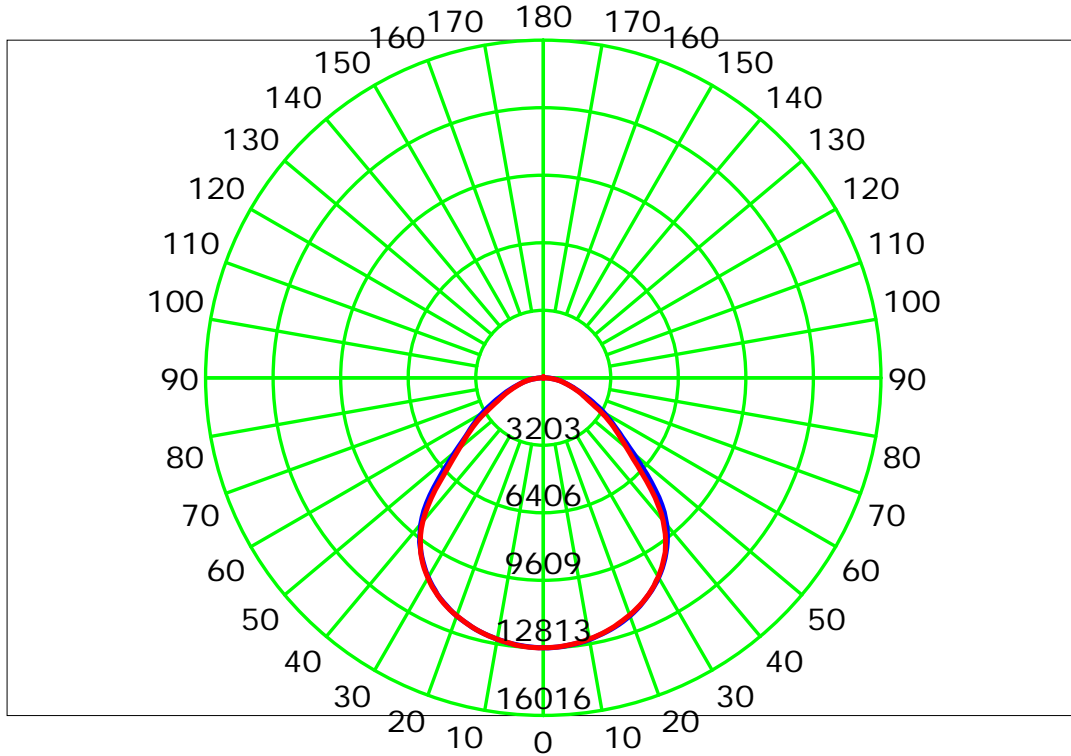
Average Diffuse Angle(50%): 93.8°

— 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:

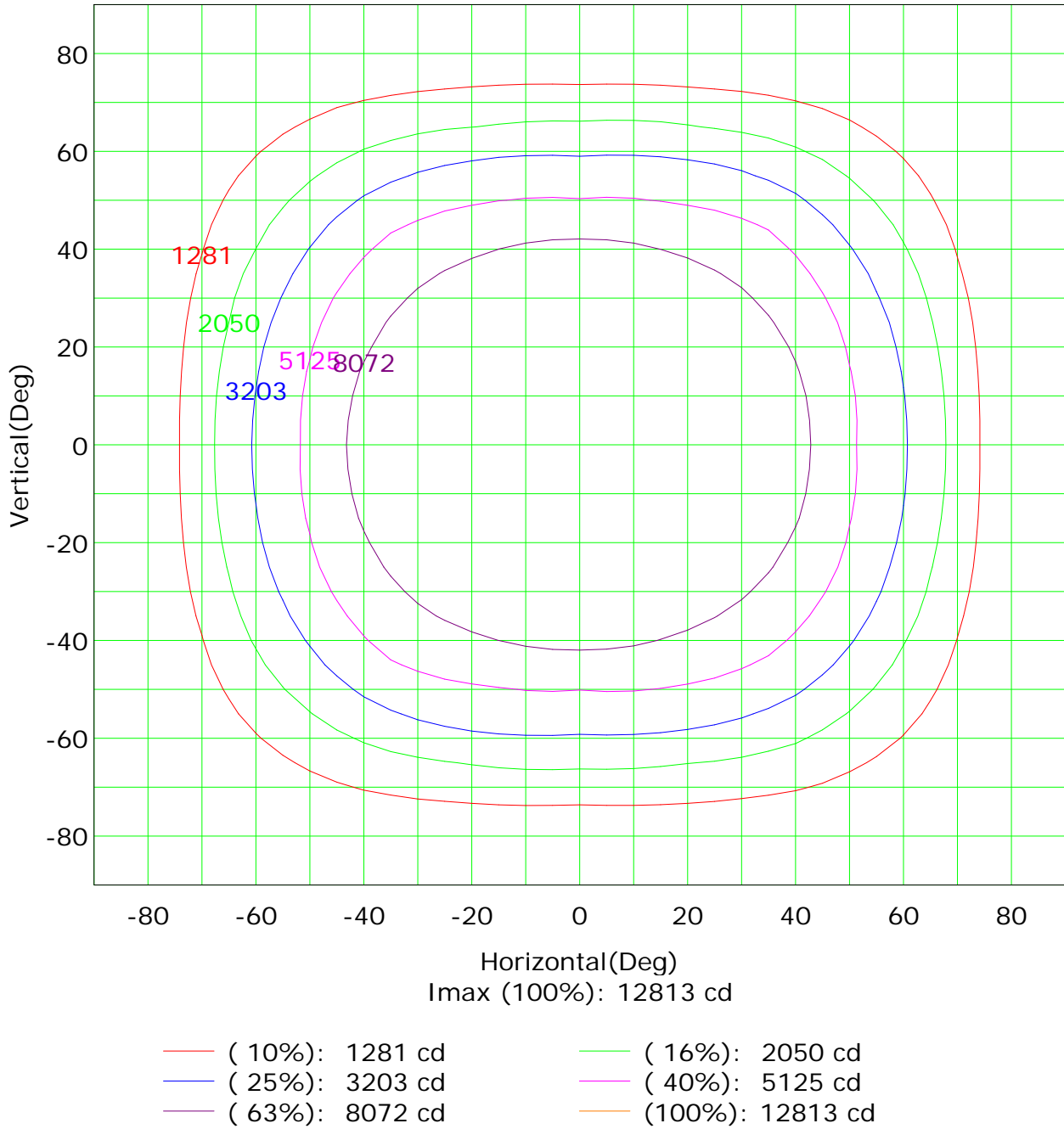
Luminous Intensity Distribution Curve



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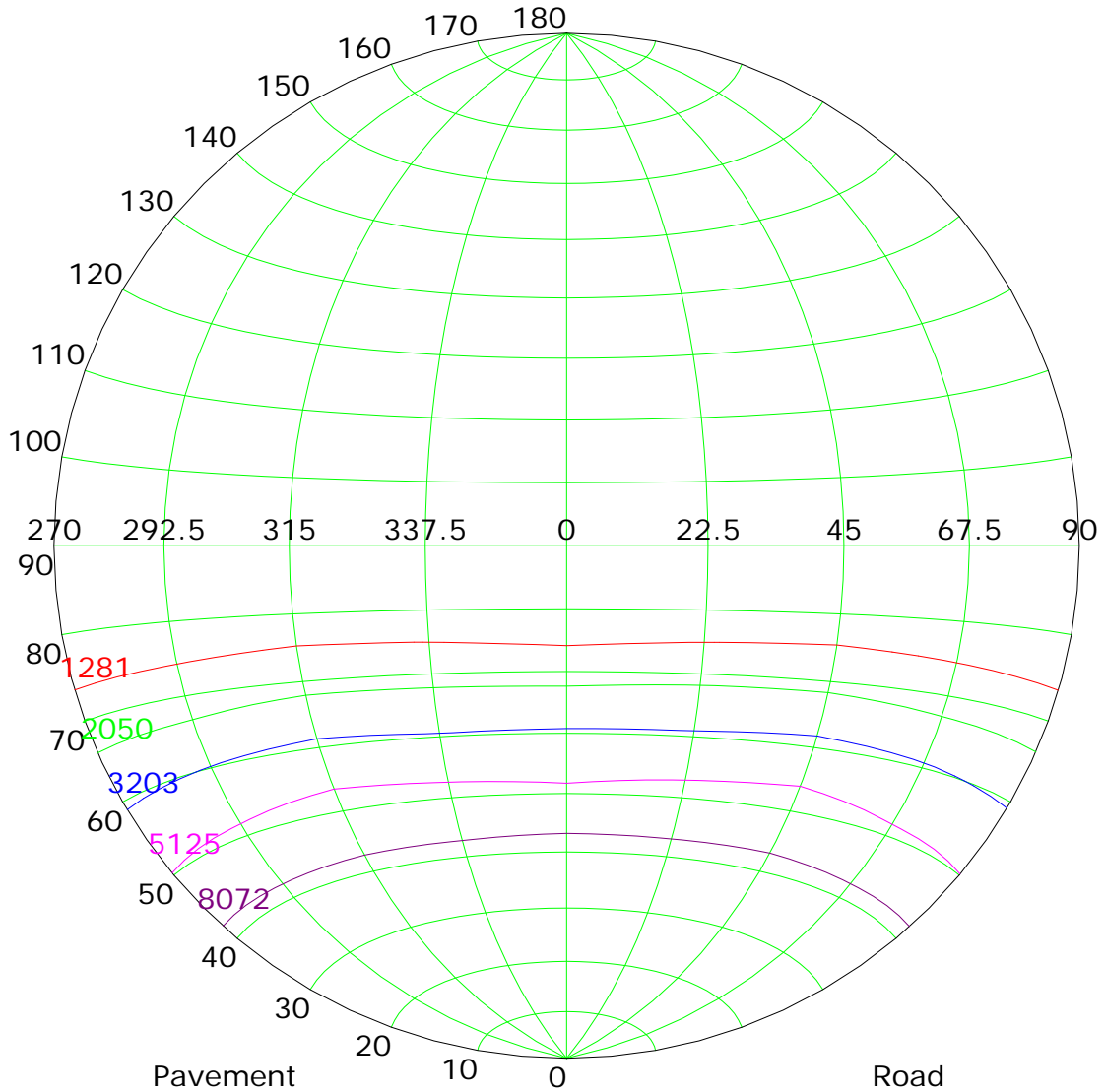
Isocandela (rectangle)



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

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

Isocandela (sphere)



Imax (100%): 12813 cd

- | | |
|-------------------|--------------------|
| — (10%): 1281 cd | — (16%): 2050 cd |
| — (25%): 3203 cd | — (40%): 5125 cd |
| — (63%): 8072 cd | — (100%): 12813 cd |

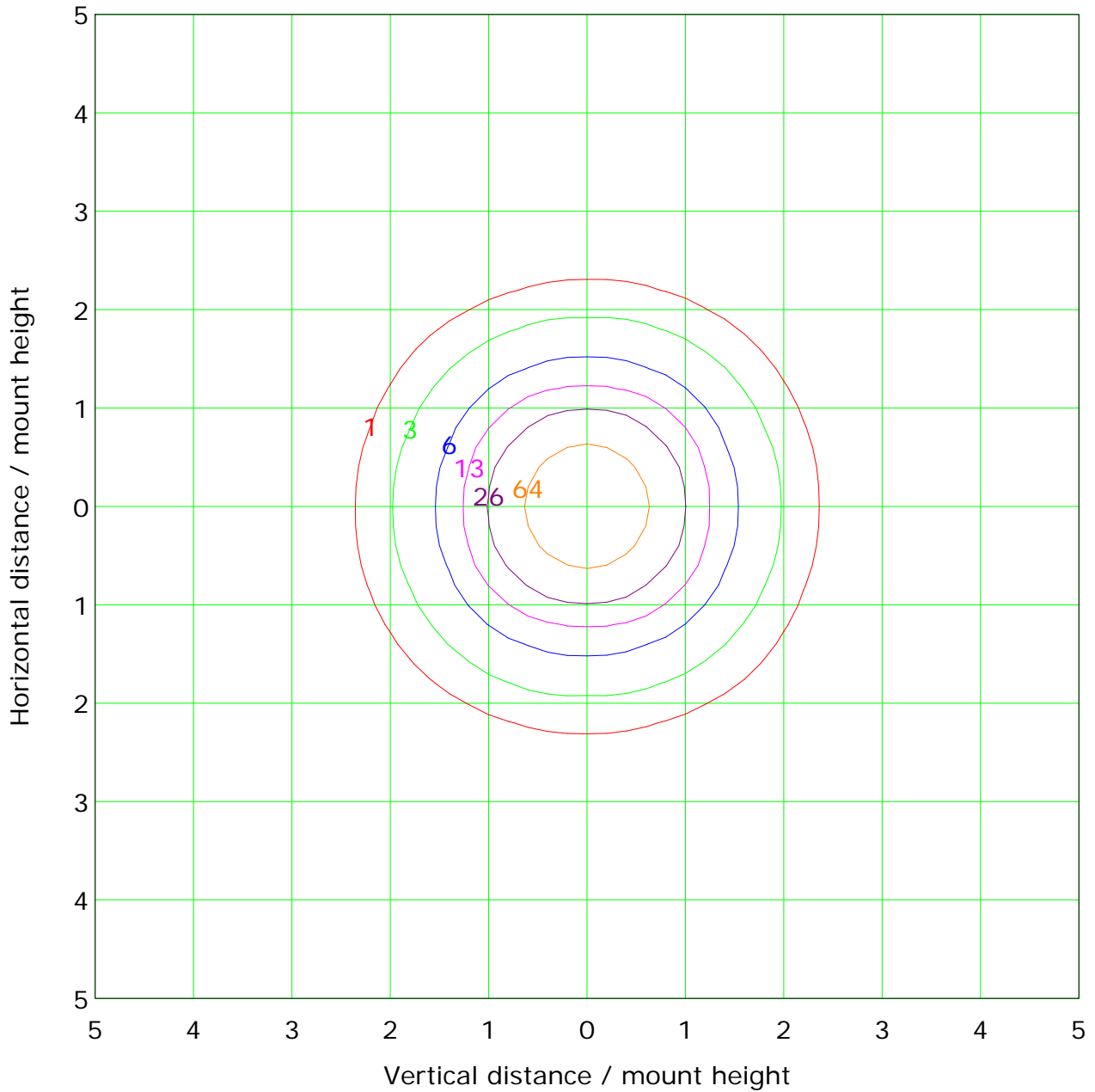
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 2.395 cd/klm

IES: Cut-off
Max.At80: 29.558 cd/klm
Max.80-90: 29.558 cd/klm

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

IsoLux Plot

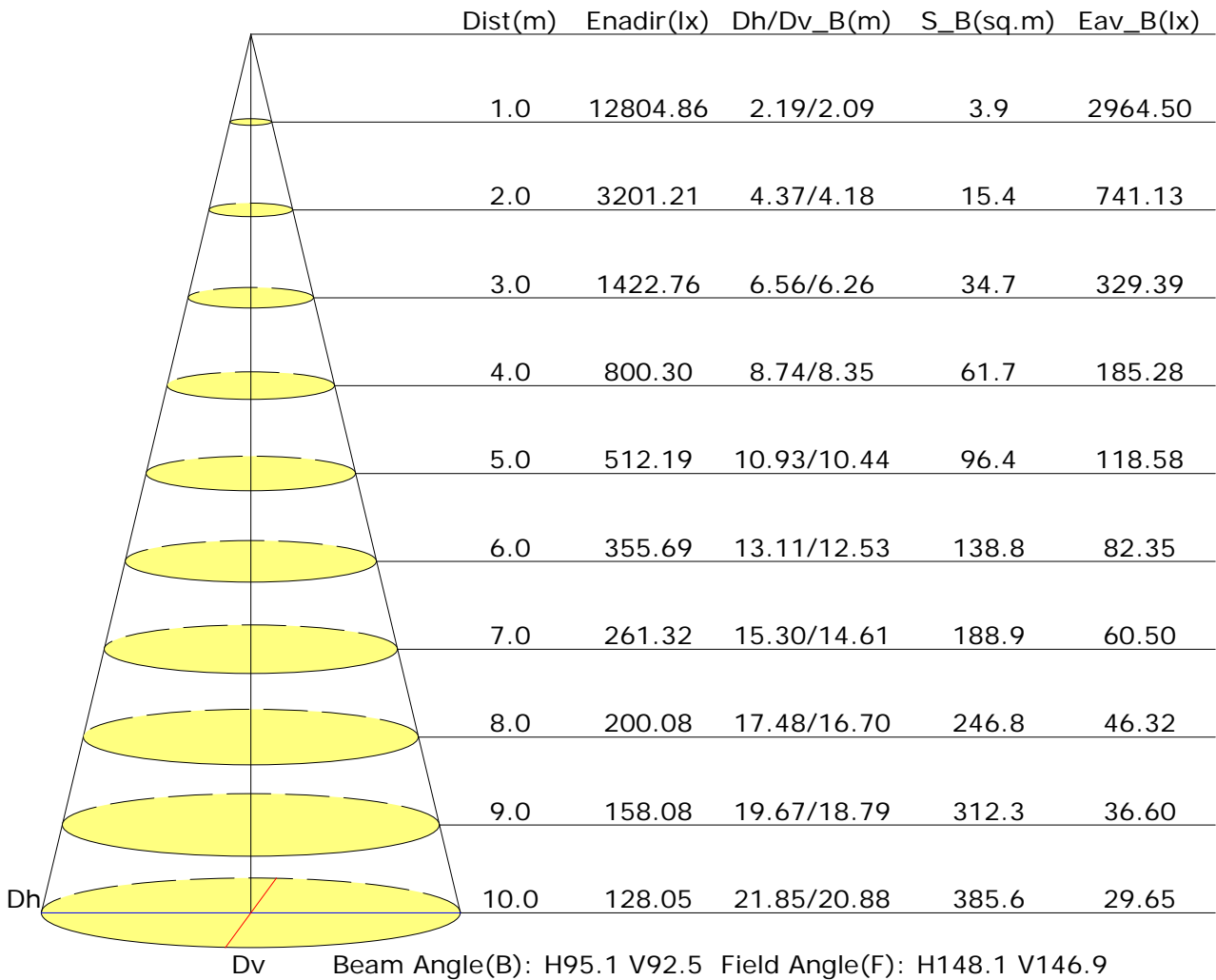


Mounting Height: 10.0m		Max Lux(100%): 128.1 lx
— (1%):	1.3 lx	— (2%): 2.6 lx
— (5%):	6.4 lx	— (10%): 12.8 lx
— (20%):	25.6 lx	— (50%): 64.0 lx
— (100%):	128.1 lx	

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

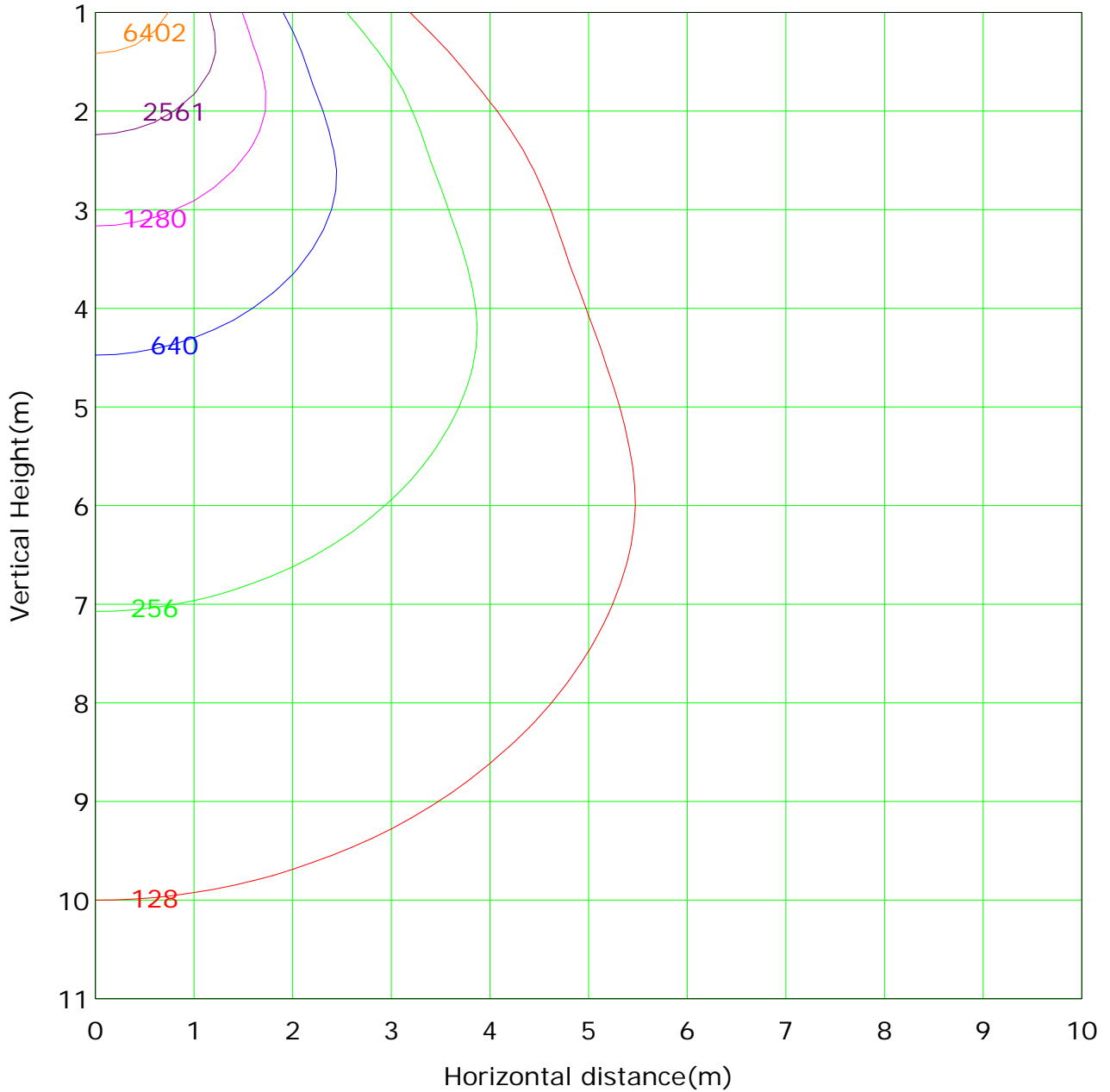
Illuminance at a Distance



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

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

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 12804.9 lx

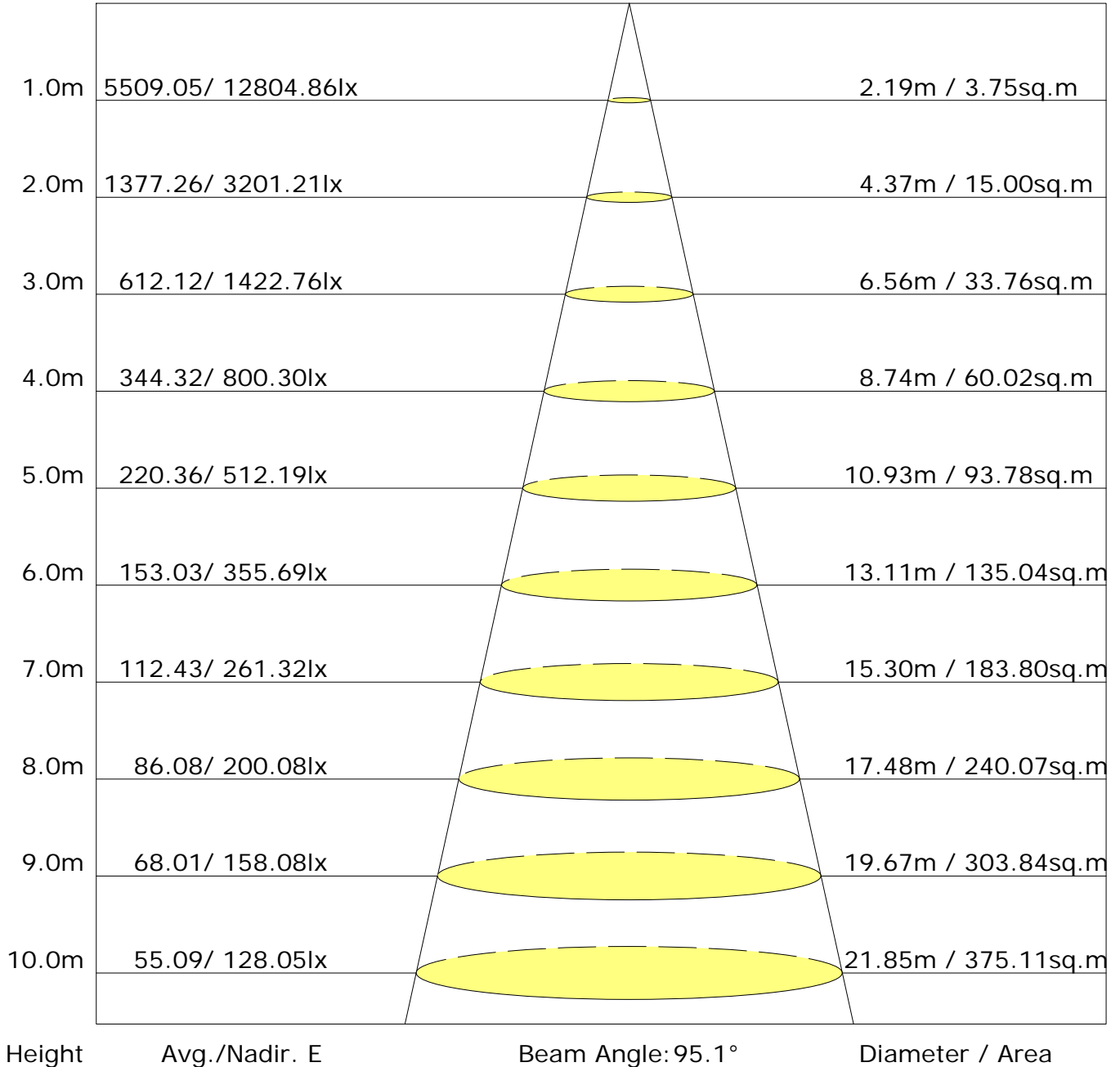
— (1%): 128.0 lx	— (2%): 256.1 lx
— (5%): 640.2 lx	— (10%): 1280.5 lx
— (20%): 2561.0 lx	— (50%): 6402.4 lx
— (100%): 12804.9 lx	

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 Test Type: TYPE C
 Temperature: 25.1 °C
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Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

The Average Illuminance Effective Figure

Flux Out: 20665.08lm



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 Temperature: 25.1 °C
 Operator:

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 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	12803.9	12.3	12.3	0.04	0.04
1.0-2.0	12798.4	36.7	49.0	0.12	0.16
2.0-3.0	12788.4	61.2	110.2	0.20	0.37
3.0-4.0	12773.9	85.5	195.7	0.28	0.65
4.0-5.0	12754.9	109.7	305.4	0.36	1.01
5.0-6.0	12732.2	133.8	439.2	0.44	1.46
6.0-7.0	12706.0	157.7	597.0	0.52	1.98
7.0-8.0	12676.7	181.4	778.4	0.60	2.58
8.0-9.0	12643.8	204.9	983.4	0.68	3.26
9.0-10.0	12608.3	228.2	1211.6	0.76	4.01
10.0-11.0	12568.7	251.2	1462.7	0.83	4.85
11.0-12.0	12524.4	273.8	1736.6	0.91	5.75
12.0-13.0	12477.0	296.1	2032.7	0.98	6.73
13.0-14.0	12427.4	318.1	2350.8	1.05	7.79
14.0-15.0	12373.7	339.7	2690.6	1.13	8.91
15.0-16.0	12316.3	360.9	3051.5	1.20	10.11
16.0-17.0	12254.9	381.7	3433.2	1.26	11.38
17.0-18.0	12186.2	401.8	3835.1	1.33	12.71
18.0-19.0	12113.7	421.5	4256.6	1.40	14.10
19.0-20.0	12038.1	440.7	4697.2	1.46	15.56
20.0-21.0	11957.7	459.2	5156.4	1.52	17.08
21.0-22.0	11872.6	477.2	5633.6	1.58	18.67
22.0-23.0	11781.4	494.4	6128.0	1.64	20.30
23.0-24.0	11684.3	510.9	6638.9	1.69	22.00
24.0-25.0	11581.1	526.7	7165.6	1.74	23.74
25.0-26.0	11472.8	541.6	7707.2	1.79	25.54
26.0-27.0	11358.9	555.8	8263.0	1.84	27.38
27.0-28.0	11239.3	569.1	8832.2	1.89	29.26
28.0-29.0	11111.1	581.4	9413.5	1.93	31.19
29.0-30.0	10975.7	592.7	10006.2	1.96	33.15
30.0-31.0	10838.7	603.3	10609.5	2.00	35.15
31.0-32.0	10694.1	612.7	11222.2	2.03	37.18
32.0-33.0	10535.6	620.8	11843.0	2.06	39.24
33.0-34.0	10367.0	627.5	12470.5	2.08	41.32
34.0-35.0	10190.0	632.9	13103.4	2.10	43.42
35.0-36.0	9995.5	636.5	13739.9	2.11	45.52

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 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	9784.9	638.3	14378.2	2.11	47.64
37.0-38.0	9555.9	637.9	15016.1	2.11	49.75
38.0-39.0	9303.2	635.1	15651.2	2.10	51.86
39.0-40.0	9037.0	630.4	16281.5	2.09	53.95
40.0-41.0	8751.8	623.3	16904.8	2.07	56.01
41.0-42.0	8443.0	613.5	17518.3	2.03	58.04
42.0-43.0	8116.7	601.3	18119.7	1.99	60.04
43.0-44.0	7785.3	587.7	18707.3	1.95	61.98
44.0-45.0	7457.4	573.2	19280.5	1.90	63.88
45.0-46.0	7133.3	557.9	19838.5	1.85	65.73
46.0-47.0	6817.8	542.3	20380.8	1.80	67.53
47.0-48.0	6501.8	525.7	20906.5	1.74	69.27
48.0-49.0	6189.7	508.4	21414.8	1.68	70.95
49.0-50.0	5888.0	491.0	21905.8	1.63	72.58
50.0-51.0	5594.4	473.4	22379.2	1.57	74.15
51.0-52.0	5310.0	455.7	22834.9	1.51	75.66
52.0-53.0	5035.2	438.1	23273.0	1.45	77.11
53.0-54.0	4775.8	421.0	23694.0	1.39	78.50
54.0-55.0	4531.5	404.6	24098.5	1.34	79.84
55.0-56.0	4299.7	388.6	24487.1	1.29	81.13
56.0-57.0	4077.0	372.8	24859.9	1.24	82.37
57.0-58.0	3858.8	356.9	25216.8	1.18	83.55
58.0-59.0	3644.7	340.8	25557.6	1.13	84.68
59.0-60.0	3433.2	324.4	25882.0	1.07	85.75
60.0-61.0	3224.5	307.8	26189.8	1.02	86.77
61.0-62.0	3019.7	291.0	26480.8	0.96	87.74
62.0-63.0	2824.0	274.7	26755.5	0.91	88.65
63.0-64.0	2643.4	259.4	27014.9	0.86	89.51
64.0-65.0	2477.3	245.2	27260.1	0.81	90.32
65.0-66.0	2322.7	231.8	27491.9	0.77	91.09
66.0-67.0	2178.2	219.1	27710.9	0.73	91.81
67.0-68.0	2044.3	207.1	27918.0	0.69	92.50
68.0-69.0	1917.0	195.6	28113.6	0.65	93.15
69.0-70.0	1794.8	184.4	28298.0	0.61	93.76
70.0-71.0	1680.2	173.7	28471.7	0.58	94.33
71.0-72.0	1573.3	163.6	28635.3	0.54	94.88

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 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	1474.1	154.2	28789.4	0.51	95.39
73.0-74.0	1379.9	145.1	28934.5	0.48	95.87
74.0-75.0	1290.4	136.4	29070.9	0.45	96.32
75.0-76.0	1204.1	127.8	29198.7	0.42	96.74
76.0-77.0	1119.6	119.4	29318.1	0.40	97.14
77.0-78.0	1038.2	111.2	29429.3	0.37	97.51
78.0-79.0	956.7	102.8	29532.1	0.34	97.85
79.0-80.0	875.0	94.3	29626.4	0.31	98.16
80.0-81.0	792.7	85.7	29712.2	0.28	98.44
81.0-82.0	708.4	76.8	29789.0	0.25	98.70
82.0-83.0	623.1	67.7	29856.7	0.22	98.92
83.0-84.0	536.1	58.4	29915.2	0.19	99.12
84.0-85.0	448.6	49.0	29964.1	0.16	99.28
85.0-86.0	361.1	39.5	30003.6	0.13	99.41
86.0-87.0	274.6	30.1	30033.7	0.10	99.51
87.0-88.0	191.9	21.0	30054.7	0.07	99.58
88.0-89.0	119.1	13.1	30067.7	0.04	99.62
89.0-90.0	62.7	6.9	30074.6	0.02	99.65
90.0-91.0	28.0	3.1	30077.7	0.01	99.66
91.0-92.0	14.0	1.5	30079.2	0.01	99.66
92.0-93.0	11.6	1.3	30080.5	0.00	99.66
93.0-94.0	12.1	1.3	30081.8	0.00	99.67
94.0-95.0	11.4	1.3	30083.1	0.00	99.67
95.0-96.0	11.4	1.2	30084.3	0.00	99.68
96.0-97.0	11.5	1.2	30085.6	0.00	99.68
97.0-98.0	10.9	1.2	30086.7	0.00	99.69
98.0-99.0	10.7	1.2	30087.9	0.00	99.69
99.0-100.0	11.3	1.2	30089.1	0.00	99.69
100.0-101.0	11.5	1.2	30090.4	0.00	99.70
101.0-102.0	11.5	1.2	30091.6	0.00	99.70
102.0-103.0	11.4	1.2	30092.8	0.00	99.71
103.0-104.0	11.2	1.2	30094.0	0.00	99.71
104.0-105.0	11.4	1.2	30095.2	0.00	99.71
105.0-106.0	11.5	1.2	30096.4	0.00	99.72
106.0-107.0	11.9	1.3	30097.7	0.00	99.72
107.0-108.0	11.6	1.2	30098.9	0.00	99.73

C Plane (°):0.0-360.0: 22.5
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	11.2	1.2	30100.1	0.00	99.73
109.0-110.0	11.5	1.2	30101.3	0.00	99.73
110.0-111.0	11.7	1.2	30102.5	0.00	99.74
111.0-112.0	11.5	1.2	30103.6	0.00	99.74
112.0-113.0	11.0	1.1	30104.8	0.00	99.75
113.0-114.0	11.0	1.1	30105.9	0.00	99.75
114.0-115.0	11.7	1.2	30107.0	0.00	99.75
115.0-116.0	11.7	1.2	30108.2	0.00	99.76
116.0-117.0	12.3	1.2	30109.4	0.00	99.76
117.0-118.0	12.7	1.2	30110.6	0.00	99.76
118.0-119.0	12.3	1.2	30111.8	0.00	99.77
119.0-120.0	12.9	1.2	30113.0	0.00	99.77
120.0-121.0	12.4	1.2	30114.2	0.00	99.78
121.0-122.0	12.4	1.2	30115.4	0.00	99.78
122.0-123.0	13.4	1.2	30116.6	0.00	99.78
123.0-124.0	14.0	1.3	30117.9	0.00	99.79
124.0-125.0	14.8	1.3	30119.2	0.00	99.79
125.0-126.0	15.0	1.3	30120.6	0.00	99.80
126.0-127.0	14.8	1.3	30121.9	0.00	99.80
127.0-128.0	14.4	1.3	30123.1	0.00	99.81
128.0-129.0	15.1	1.3	30124.4	0.00	99.81
129.0-130.0	16.5	1.4	30125.8	0.00	99.81
130.0-131.0	16.5	1.4	30127.2	0.00	99.82
131.0-132.0	16.4	1.3	30128.5	0.00	99.82
132.0-133.0	17.4	1.4	30129.9	0.00	99.83
133.0-134.0	18.2	1.5	30131.4	0.00	99.83
134.0-135.0	18.7	1.5	30132.9	0.00	99.84
135.0-136.0	19.7	1.5	30134.4	0.01	99.84
136.0-137.0	19.9	1.5	30135.9	0.00	99.85
137.0-138.0	19.9	1.5	30137.3	0.00	99.85
138.0-139.0	21.1	1.5	30138.9	0.01	99.86
139.0-140.0	22.2	1.6	30140.4	0.01	99.86
140.0-141.0	22.6	1.6	30142.0	0.01	99.87
141.0-142.0	22.3	1.5	30143.5	0.01	99.87
142.0-143.0	23.1	1.5	30145.1	0.01	99.88
143.0-144.0	24.5	1.6	30146.7	0.01	99.88

C Plane (°):0.0-360.0: 22.5
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	24.9	1.6	30148.3	0.01	99.89
145.0-146.0	25.2	1.6	30149.8	0.01	99.89
146.0-147.0	25.5	1.5	30151.4	0.01	99.90
147.0-148.0	26.2	1.5	30152.9	0.01	99.90
148.0-149.0	26.5	1.5	30154.4	0.01	99.91
149.0-150.0	26.8	1.5	30155.9	0.00	99.91
150.0-151.0	26.9	1.5	30157.4	0.00	99.92
151.0-152.0	27.7	1.5	30158.8	0.00	99.92
152.0-153.0	28.5	1.4	30160.3	0.00	99.93
153.0-154.0	28.4	1.4	30161.7	0.00	99.93
154.0-155.0	28.7	1.4	30163.0	0.00	99.94
155.0-156.0	28.5	1.3	30164.3	0.00	99.94
156.0-157.0	29.3	1.3	30165.6	0.00	99.95
157.0-158.0	29.6	1.2	30166.8	0.00	99.95
158.0-159.0	29.7	1.2	30168.0	0.00	99.95
159.0-160.0	30.9	1.2	30169.2	0.00	99.96
160.0-161.0	31.3	1.1	30170.4	0.00	99.96
161.0-162.0	32.1	1.1	30171.5	0.00	99.97
162.0-163.0	32.9	1.1	30172.6	0.00	99.97
163.0-164.0	31.9	1.0	30173.6	0.00	99.97
164.0-165.0	31.4	0.9	30174.5	0.00	99.98
165.0-166.0	32.2	0.9	30175.4	0.00	99.98
166.0-167.0	32.3	0.8	30176.2	0.00	99.98
167.0-168.0	33.2	0.8	30177.0	0.00	99.98
168.0-169.0	34.4	0.8	30177.7	0.00	99.99
169.0-170.0	34.2	0.7	30178.4	0.00	99.99
170.0-171.0	34.1	0.6	30179.0	0.00	99.99
171.0-172.0	34.7	0.6	30179.6	0.00	99.99
172.0-173.0	34.5	0.5	30180.1	0.00	99.99
173.0-174.0	34.0	0.4	30180.5	0.00	100.00
174.0-175.0	35.0	0.4	30180.9	0.00	100.00
175.0-176.0	35.6	0.3	30181.2	0.00	100.00
176.0-177.0	34.3	0.2	30181.4	0.00	100.00
177.0-178.0	33.1	0.2	30181.6	0.00	100.00
178.0-179.0	32.8	0.1	30181.7	0.00	100.00
179.0-180.0	32.2	0.0	30181.7	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°): 19280.54 lm

%lum = 63.9%

%lamp = 63.9%

cone flux(120°): 25882.01 lm

%lum = 85.8%

%lamp = 85.8%

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

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	12804.9	12804.9	12804.9	12804.9	12804.9	12804.9	12804.9	12804.9	12804.9	12804.9
G1.0	12808.9	12799.7	12803.0	12800.1	12802.3	12801.5	12806.0	12800.8	12800.8	12806.0
G2.0	12804.5	12796.8	12794.9	12795.3	12794.1	12789.6	12792.6	12790.7	12791.3	12794.2
G3.0	12787.3	12772.8	12779.3	12778.3	12785.5	12783.3	12783.3	12776.9	12782.2	12788.3
G4.0	12781.8	12758.1	12760.8	12759.5	12764.3	12763.2	12764.4	12759.4	12765.7	12765.1
G5.0	12754.7	12734.9	12744.9	12740.7	12742.3	12743.5	12746.2	12736.7	12741.1	12740.1
G6.0	12729.8	12712.8	12718.6	12701.6	12716.6	12725.3	12712.5	12710.2	12720.6	12723.5
G7.0	12707.1	12691.1	12691.6	12675.4	12689.1	12696.6	12679.1	12678.9	12696.5	12692.6
G8.0	12676.3	12653.6	12666.8	12643.7	12657.8	12658.7	12647.9	12648.0	12663.9	12660.6
G9.0	12644.8	12621.6	12625.4	12608.7	12621.3	12631.9	12606.7	12608.9	12624.7	12629.3
G10.0	12607.5	12591.8	12591.0	12578.1	12578.1	12595.1	12564.8	12563.0	12595.7	12588.8
G11.0	12565.4	12544.7	12549.5	12529.8	12538.3	12564.6	12521.0	12527.3	12543.4	12546.5
G12.0	12508.6	12501.6	12513.3	12495.9	12493.6	12504.7	12473.9	12479.9	12505.7	12499.0
G13.0	12461.3	12436.5	12468.1	12446.9	12441.8	12452.7	12425.3	12439.3	12460.6	12454.9
G14.0	12410.8	12397.5	12423.7	12392.7	12389.0	12398.4	12373.3	12379.7	12412.3	12410.3
G15.0	12355.1	12337.5	12366.0	12330.0	12324.5	12327.7	12319.5	12320.9	12353.7	12357.3
G16.0	12295.4	12262.8	12309.4	12267.7	12264.6	12277.9	12264.3	12273.2	12299.1	12299.6
G17.0	12239.0	12207.2	12245.0	12189.9	12192.0	12211.7	12208.2	12212.1	12223.7	12233.3
G18.0	12168.7	12136.2	12156.6	12112.4	12119.0	12143.2	12137.0	12140.5	12158.8	12168.9
G19.0	12094.4	12058.5	12086.3	12037.6	12048.6	12074.8	12056.8	12060.4	12091.5	12097.5
G20.0	12013.8	11986.8	11997.8	11954.6	11977.1	11981.8	11963.0	11987.8	12017.5	12011.4
G21.0	11930.7	11907.3	11915.0	11871.3	11895.2	11904.1	11877.6	11904.3	11936.9	11922.3
G22.0	11842.8	11823.7	11823.9	11777.3	11810.0	11818.2	11793.4	11799.6	11848.3	11838.1
G23.0	11752.0	11724.3	11744.4	11686.2	11722.8	11731.5	11693.6	11709.4	11749.4	11742.8
G24.0	11642.8	11623.1	11641.5	11579.7	11631.6	11633.7	11591.2	11616.7	11654.2	11647.1
G25.0	11540.3	11512.4	11533.8	11475.0	11519.9	11525.9	11476.2	11510.8	11553.1	11538.9
G26.0	11428.2	11402.0	11421.4	11361.4	11418.3	11427.7	11359.7	11386.8	11450.2	11425.9
G27.0	11321.3	11283.8	11305.5	11239.4	11298.4	11307.5	11246.5	11281.0	11308.5	11313.3
G28.0	11200.4	11162.8	11180.1	11118.1	11183.7	11184.4	11128.1	11164.0	11188.7	11195.5
G29.0	11076.7	11035.4	11043.9	10983.9	11029.2	11038.7	10980.8	11027.6	11060.9	11067.8
G30.0	10936.4	10890.4	10915.5	10834.5	10907.0	10898.8	10858.4	10910.2	10924.0	10936.4
G31.0	10795.0	10759.8	10774.9	10705.5	10758.5	10763.4	10715.6	10776.8	10778.9	10802.5
G32.0	10646.4	10611.1	10619.2	10553.2	10604.3	10618.0	10570.8	10622.2	10623.3	10647.9
G33.0	10481.6	10427.1	10434.2	10389.9	10431.2	10457.4	10401.6	10468.0	10462.1	10493.7
G34.0	10321.9	10257.1	10258.0	10215.5	10255.4	10308.2	10238.4	10296.2	10295.2	10320.0
G35.0	10139.5	10082.3	10070.4	10035.6	10092.0	10124.9	10055.1	10117.0	10122.3	10133.0
G36.0	9964.1	9894.6	9867.7	9811.0	9864.8	9899.9	9837.7	9938.5	9937.4	9910.0

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 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	9763.4	9673.0	9650.8	9589.5	9638.8	9674.9	9609.5	9734.0	9752.8	9696.9
G38.0	9559.1	9467.7	9392.2	9343.9	9399.0	9427.9	9356.1	9507.0	9513.6	9469.1
G39.0	9336.0	9226.2	9145.7	9065.5	9114.6	9137.8	9076.3	9235.1	9285.9	9222.6
G40.0	9107.1	8969.0	8906.3	8797.5	8834.6	8826.5	8812.1	8979.8	9038.3	8955.7
G41.0	8836.5	8690.4	8637.0	8469.0	8527.8	8464.3	8501.2	8699.6	8768.0	8671.3
G42.0	8570.6	8408.9	8353.5	8170.0	8155.1	8119.5	8189.9	8362.8	8469.9	8334.5
G43.0	8240.3	8093.1	8087.5	7825.2	7781.2	7725.3	7899.4	8005.9	8118.7	8038.6
G44.0	7891.7	7795.4	7817.0	7514.0	7363.8	7370.9	7623.0	7660.9	7742.2	7744.6
G45.0	7500.2	7496.5	7553.9	7192.5	6925.6	7033.9	7362.5	7347.5	7336.5	7431.4
G46.0	7120.0	7211.7	7268.6	6866.6	6494.4	6757.2	7124.7	7023.7	6929.2	7146.9
G47.0	6719.0	6935.7	7012.6	6548.8	6115.7	6445.2	6859.7	6735.3	6531.9	6862.8
G48.0	6307.4	6632.1	6725.5	6231.4	5735.9	6166.6	6593.0	6465.2	6119.5	6569.9
G49.0	5947.8	6342.4	6458.7	5865.2	5432.8	5855.0	6334.3	6177.6	5770.5	6259.6
G50.0	5595.1	6030.0	6170.8	5534.5	5158.1	5564.1	6056.8	5884.0	5453.0	5915.2
G51.0	5264.4	5704.7	5911.0	5243.6	4907.8	5308.3	5760.0	5590.7	5151.2	5584.7
G52.0	4976.5	5388.9	5638.0	4933.2	4681.1	5022.3	5469.8	5297.5	4858.6	5270.4
G53.0	4697.1	5089.7	5361.2	4698.7	4477.8	4743.0	5184.5	5019.9	4617.3	4957.6
G54.0	4476.3	4772.5	5114.0	4473.4	4275.2	4500.5	4940.7	4712.2	4408.5	4669.1
G55.0	4247.0	4489.5	4843.9	4283.2	4080.5	4255.0	4685.1	4447.6	4217.0	4387.5
G56.0	4049.3	4227.1	4607.1	4095.5	3886.1	4040.4	4469.5	4186.1	4030.2	4154.2
G57.0	3880.5	3984.9	4339.9	3905.6	3682.8	3848.9	4222.0	3943.9	3861.4	3943.7
G58.0	3682.3	3769.6	4067.2	3724.2	3483.3	3654.0	3957.5	3740.8	3689.7	3742.0
G59.0	3513.1	3554.7	3817.1	3534.3	3249.1	3475.5	3725.2	3545.2	3521.2	3542.5
G60.0	3342.1	3360.8	3569.9	3340.8	3035.3	3266.5	3492.9	3375.7	3337.4	3321.7
G61.0	3146.6	3174.5	3305.0	3133.9	2820.1	3074.6	3271.8	3199.8	3155.0	3141.4
G62.0	2976.6	2989.0	3102.6	2922.3	2615.7	2865.6	3043.2	3009.1	2955.0	2967.3
G63.0	2775.9	2819.8	2886.9	2707.3	2450.0	2658.0	2863.3	2819.4	2776.3	2780.0
G64.0	2609.3	2642.0	2707.1	2523.7	2300.7	2471.0	2687.8	2631.6	2604.9	2614.0
G65.0	2424.0	2490.4	2530.6	2340.1	2189.4	2292.1	2527.5	2472.1	2446.3	2467.6
G66.0	2257.7	2341.3	2374.4	2187.5	2075.4	2140.7	2376.5	2301.9	2277.1	2326.6
G67.0	2109.1	2204.4	2211.6	2041.8	1971.9	2024.7	2232.5	2159.2	2140.2	2186.0
G68.0	1977.2	2070.1	2065.8	1902.9	1869.2	1913.9	2087.1	2025.8	2012.0	2043.2
G69.0	1849.8	1932.1	1933.3	1778.2	1763.8	1787.8	1939.4	1911.0	1880.2	1919.6
G70.0	1715.7	1808.1	1811.6	1679.4	1644.6	1675.1	1802.1	1789.9	1754.9	1795.9
G71.0	1597.1	1698.8	1695.4	1578.4	1528.8	1562.4	1694.5	1691.6	1633.3	1672.6
G72.0	1494.5	1583.6	1597.0	1483.3	1418.3	1470.9	1598.1	1586.9	1515.8	1549.7
G73.0	1382.5	1477.6	1503.8	1403.3	1319.2	1372.7	1510.5	1487.4	1395.7	1444.1

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 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	1285.8	1376.0	1404.6	1316.6	1229.8	1300.2	1417.7	1384.2	1281.0	1348.1
G75.0	1190.6	1279.6	1316.9	1238.5	1142.0	1230.7	1328.7	1298.5	1188.0	1263.0
G76.0	1105.6	1192.0	1218.8	1142.2	1069.0	1151.8	1234.1	1206.5	1097.9	1177.7
G77.0	1026.5	1106.6	1140.8	1062.2	996.0	1071.5	1140.6	1117.8	1024.7	1086.4
G78.0	951.4	1023.5	1054.2	969.7	930.5	983.7	1052.3	1048.1	948.1	1005.1
G79.0	887.4	948.7	978.7	884.9	846.3	894.4	971.0	959.4	866.5	920.8
G80.0	819.6	869.3	892.1	803.8	777.1	806.7	883.8	869.3	792.9	842.8
G81.0	736.8	780.2	799.6	726.7	691.1	726.3	805.1	788.0	719.3	748.2
G82.0	652.2	698.1	712.3	640.4	610.6	639.3	719.1	697.1	622.2	666.9
G83.0	573.5	609.4	636.1	553.4	524.3	551.9	625.9	609.2	547.5	574.9
G84.0	484.1	517.8	543.2	468.6	446.1	469.7	537.6	528.7	452.3	486.2
G85.0	404.7	431.0	456.6	387.5	367.1	383.8	446.0	436.3	373.2	393.8
G86.0	314.6	345.6	358.9	299.7	281.1	297.2	358.1	343.9	291.5	307.7
G87.0	243.5	259.4	271.2	212.4	197.0	213.1	266.8	264.2	207.3	230.0
G88.0	161.1	180.3	185.4	143.1	119.5	136.1	172.5	177.0	136.2	155.7
G89.0	97.0	115.2	108.8	73.7	59.2	70.3	96.8	118.9	80.6	93.8
G90.0	43.2	52.3	48.5	35.4	23.5	24.2	44.2	72.3	40.3	48.9
G91.0	15.0	12.5	18.1	17.0	13.4	10.4	17.8	33.2	16.5	20.6
G92.0	12.5	11.8	0.0	13.3	10.4	10.0	13.7	14.9	7.3	9.2
G93.0	13.6	13.6	9.6	17.7	11.5	16.4	10.4	17.9	8.4	14.0
G94.0	11.7	13.6	8.9	18.1	11.2	13.8	12.6	18.3	12.1	11.0
G95.0	12.5	12.9	8.9	16.6	12.3	13.8	9.6	17.9	8.1	10.3
G96.0	10.6	14.0	8.9	17.0	8.6	11.9	14.5	13.8	13.6	12.1
G97.0	12.5	13.6	10.0	15.5	8.6	11.5	12.2	21.6	9.5	11.0
G98.0	9.5	14.0	9.2	15.5	0.0	11.9	8.5	20.1	13.2	14.0
G99.0	9.2	9.6	11.8	15.1	13.4	11.9	13.7	14.9	7.3	12.5
G100.0	11.0	12.9	9.6	17.3	12.7	11.9	12.2	19.8	10.3	12.9
G101.0	0.0	16.2	8.1	18.1	16.4	8.6	13.7	20.9	10.6	11.4
G102.0	13.2	11.0	10.4	14.0	8.2	10.4	15.6	18.6	10.6	9.9
G103.0	0.0	9.6	9.2	15.9	10.1	8.9	12.6	19.4	13.2	7.7
G104.0	10.3	12.5	9.6	15.1	10.8	13.8	13.4	19.8	8.4	13.6
G105.0	11.0	12.1	10.0	17.3	11.2	9.3	8.2	20.9	7.7	9.2
G106.0	10.3	15.5	12.2	15.1	11.9	11.5	11.1	22.0	7.3	12.9
G107.0	9.5	15.1	8.9	16.2	10.4	10.8	14.5	18.6	8.8	10.7
G108.0	13.9	11.0	8.5	18.4	11.2	15.6	14.1	18.3	8.1	11.4
G109.0	9.2	13.2	8.9	11.8	11.9	11.5	14.8	21.2	10.6	12.5
G110.0	9.2	11.4	10.0	15.5	9.7	13.0	10.4	17.1	8.8	12.1

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 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	12.1	12.9	8.1	16.6	12.7	13.0	13.4	17.9	11.0	14.3
G112.0	8.4	10.7	8.1	17.3	8.9	14.5	12.2	13.4	12.5	13.2
G113.0	13.2	10.3	0.0	10.3	12.3	10.0	16.3	17.5	12.8	12.5
G114.0	11.4	16.2	8.9	12.9	10.1	11.9	12.6	17.9	10.6	10.3
G115.0	8.4	13.2	11.5	17.0	12.7	13.4	18.2	16.8	9.5	8.8
G116.0	7.3	13.2	0.0	13.6	14.2	11.9	12.6	15.3	9.5	13.6
G117.0	9.9	13.2	13.3	15.1	12.7	14.1	13.4	14.9	13.2	12.1
G118.0	11.0	14.7	10.4	16.6	10.1	13.8	10.8	19.8	9.9	13.2
G119.0	11.4	12.1	14.8	18.8	11.5	11.9	13.0	18.6	11.4	12.9
G120.0	9.2	14.3	10.0	18.1	14.5	13.8	11.9	18.3	10.3	14.0
G121.0	9.5	13.6	0.0	15.1	10.4	10.4	13.7	19.0	14.3	10.7
G122.0	15.4	8.1	11.1	17.3	13.4	17.5	14.1	17.1	11.4	12.9
G123.0	12.5	15.5	12.9	19.9	0.0	14.1	12.6	19.8	11.7	16.9
G124.0	11.0	15.1	8.5	18.1	15.3	17.9	16.3	22.4	12.1	13.2
G125.0	15.0	14.3	12.2	18.1	14.9	15.3	17.1	16.0	16.1	14.3
G126.0	12.1	13.2	9.2	18.4	18.6	12.3	16.7	19.8	12.8	15.8
G127.0	16.5	15.8	15.5	14.0	15.6	11.9	16.3	21.2	13.9	13.2
G128.0	11.4	14.0	14.4	17.3	9.7	19.3	15.2	17.1	11.7	14.0
G129.0	13.2	16.6	14.8	19.9	14.5	15.6	13.0	20.5	15.4	16.6
G130.0	12.1	17.7	11.8	21.4	17.5	19.0	18.2	22.0	13.9	14.7
G131.0	8.4	21.7	17.0	25.4	17.9	17.1	15.2	20.9	13.9	9.2
G132.0	16.9	17.3	15.5	23.6	15.6	18.6	17.8	20.9	18.7	15.1
G133.0	15.7	19.5	16.3	24.3	17.5	21.6	18.2	19.0	12.8	17.3
G134.0	16.9	19.1	15.9	25.1	12.7	16.4	20.4	22.0	21.2	18.4
G135.0	14.6	18.0	18.1	21.8	21.2	19.7	18.5	24.2	15.4	16.2
G136.0	17.2	20.6	15.5	21.4	19.4	21.6	21.9	28.3	22.0	20.6
G137.0	16.1	19.5	17.4	23.2	19.4	21.2	21.5	24.6	21.2	19.9
G138.0	15.4	19.1	17.0	24.7	23.5	24.9	22.6	23.8	19.0	18.4
G139.0	16.9	21.0	20.4	25.1	21.2	22.7	23.4	27.6	13.9	18.0
G140.0	23.1	23.9	20.7	29.1	23.1	23.1	19.3	26.1	19.4	17.7
G141.0	22.0	21.3	21.8	19.2	23.8	24.5	26.3	24.2	19.0	19.9
G142.0	19.4	24.3	22.9	26.5	22.0	18.2	24.1	27.9	19.0	20.6
G143.0	23.8	25.4	25.5	28.8	26.8	27.1	27.8	24.6	25.6	21.7
G144.0	24.2	27.2	23.7	23.6	24.2	23.8	26.7	22.7	23.1	23.9
G145.0	23.4	25.4	16.7	29.5	24.2	26.8	27.1	29.4	26.0	25.4
G146.0	24.9	23.9	25.9	25.4	28.7	26.0	23.8	30.6	23.4	21.7
G147.0	21.6	26.5	22.6	29.5	26.4	27.9	28.6	33.9	27.5	19.9

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 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	26.4	26.5	25.2	29.1	28.3	27.9	31.2	30.9	20.5	26.1
G149.0	28.2	26.5	27.8	28.4	27.2	27.1	26.7	26.5	24.2	23.9
G150.0	23.4	26.9	25.5	29.9	30.2	29.0	31.5	30.6	27.5	27.6
G151.0	23.8	28.3	24.8	25.1	16.4	26.8	26.0	34.3	27.1	28.7
G152.0	26.7	30.9	30.7	31.3	28.3	32.4	31.2	35.0	27.1	29.8
G153.0	28.9	19.9	25.5	31.0	20.5	29.4	34.9	36.5	27.8	25.8
G154.0	26.4	28.3	23.3	35.8	32.8	30.1	28.6	26.8	32.6	26.9
G155.0	27.5	22.1	34.4	37.6	24.9	29.7	33.4	34.7	30.8	22.4
G156.0	29.3	31.7	32.2	30.6	29.8	24.9	25.2	37.6	22.0	21.7
G157.0	30.0	31.3	32.6	35.0	32.0	20.8	28.9	32.8	29.7	28.0
G158.0	29.3	29.8	31.5	34.7	17.9	27.5	27.8	35.8	27.5	29.4
G159.0	30.4	31.7	31.1	36.9	35.7	34.2	32.3	38.0	27.8	22.4
G160.0	27.1	32.0	22.9	35.0	32.8	33.1	31.2	34.7	29.7	31.7
G161.0	29.7	33.5	30.0	39.1	27.2	33.5	21.9	40.6	31.1	33.1
G162.0	32.2	28.3	32.2	36.1	33.5	33.8	28.6	38.8	30.4	34.2
G163.0	27.8	31.7	34.8	37.2	35.4	35.3	34.1	36.9	31.5	32.4
G164.0	27.8	32.8	32.6	34.3	27.2	23.4	31.2	37.3	32.6	30.5
G165.0	31.1	31.7	32.2	36.1	33.9	33.8	30.1	24.6	32.2	35.7
G166.0	29.7	28.3	17.0	32.4	31.7	32.4	35.2	44.0	32.2	32.8
G167.0	24.5	33.5	35.5	31.3	36.9	27.9	26.3	32.0	35.2	29.1
G168.0	32.6	34.6	29.6	31.3	36.5	29.7	28.2	34.7	40.7	29.8
G169.0	31.9	33.9	30.7	36.5	32.4	36.8	34.9	34.3	34.8	38.6
G170.0	27.5	36.4	32.2	36.1	31.3	34.2	23.4	38.8	33.3	33.1
G171.0	28.6	28.0	30.3	38.3	33.1	35.7	31.5	39.5	35.9	37.5
G172.0	26.4	34.2	33.7	35.8	37.2	35.7	34.9	32.8	33.7	37.9
G173.0	30.8	35.7	32.2	41.3	23.8	33.5	24.9	39.5	35.9	32.4
G174.0	33.7	36.1	32.6	38.3	32.8	33.1	32.3	37.3	27.1	33.9
G175.0	32.2	38.6	31.5	36.9	33.1	31.2	31.5	44.3	41.7	32.0
G176.0	32.6	34.2	33.3	36.9	35.0	30.9	33.4	39.9	35.2	35.0
G177.0	29.3	37.5	32.6	36.9	32.4	29.7	27.1	39.1	25.6	31.7
G178.0	25.3	33.9	25.2	33.2	31.7	32.0	33.0	38.8	31.5	31.3
G179.0	32.6	34.2	27.4	36.9	29.0	29.0	31.5	36.1	39.9	34.2
G180.0	35.2	22.4	35.9	26.9	35.4	32.7	31.2	42.5	34.4	27.2

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	12804.9	12804.9	12804.9	12804.9	12804.9	12804.9	12804.9			
G1.0	12803.4	12793.1	12808.6	12813.0	12806.3	12792.6	12808.9			
G2.0	12795.6	12781.3	12804.1	12797.4	12798.6	12783.2	12804.5			
G3.0	12784.1	12774.6	12797.0	12791.8	12790.0	12771.3	12787.3			
G4.0	12771.6	12758.0	12777.7	12763.9	12768.9	12756.4	12781.8			
G5.0	12752.7	12743.7	12756.1	12748.0	12751.8	12739.6	12754.7			
G6.0	12735.7	12722.6	12739.0	12707.4	12721.7	12716.5	12729.8			
G7.0	12699.8	12701.3	12694.3	12682.1	12702.1	12699.8	12707.1			
G8.0	12670.9	12675.1	12661.9	12657.6	12671.3	12663.3	12676.3			
G9.0	12634.3	12642.3	12629.9	12629.3	12636.4	12629.0	12644.8			
G10.0	12597.3	12605.8	12594.1	12598.1	12600.0	12593.2	12607.5			
G11.0	12552.1	12559.7	12546.8	12552.3	12563.3	12551.1	12565.4			
G12.0	12507.0	12509.2	12509.6	12508.8	12510.6	12503.8	12508.6			
G13.0	12462.2	12453.9	12461.6	12459.7	12467.6	12447.5	12461.3			
G14.0	12406.0	12410.4	12407.9	12409.5	12414.2	12399.8	12410.8			
G15.0	12356.4	12356.9	12354.0	12356.7	12364.4	12342.5	12355.1			
G16.0	12299.8	12293.8	12292.1	12304.3	12309.5	12285.8	12295.4			
G17.0	12244.3	12223.1	12229.2	12243.6	12228.3	12226.2	12239.0			
G18.0	12163.6	12135.7	12157.7	12173.4	12163.7	12167.7	12168.7			
G19.0	12086.3	12070.0	12080.7	12102.7	12092.8	12096.6	12094.4			
G20.0	12006.0	11996.7	12012.5	12030.5	12017.5	12028.4	12013.8			
G21.0	11916.8	11918.9	11937.3	11948.0	11929.2	11947.5	11930.7			
G22.0	11825.0	11831.1	11859.9	11863.6	11842.0	11864.4	11842.8			
G23.0	11731.1	11729.0	11768.3	11749.0	11738.9	11769.8	11752.0			
G24.0	11621.5	11635.0	11681.1	11658.3	11635.4	11662.9	11642.8			
G25.0	11519.0	11534.7	11570.5	11551.1	11533.7	11545.5	11540.3			
G26.0	11411.7	11432.9	11462.6	11440.7	11422.8	11438.2	11428.2			
G27.0	11289.6	11317.5	11347.1	11323.5	11290.7	11320.1	11321.3			
G28.0	11166.4	11203.6	11229.5	11197.5	11166.7	11195.6	11200.4			
G29.0	11049.1	11060.5	11096.9	11062.5	11029.1	11047.7	11076.7			
G30.0	10913.3	10924.9	10950.6	10925.2	10895.1	10910.6	10936.4			
G31.0	10774.6	10784.0	10812.1	10787.3	10751.5	10767.5	10795.0			
G32.0	10624.0	10638.8	10664.6	10653.0	10586.1	10621.8	10646.4			
G33.0	10451.5	10469.5	10504.2	10472.2	10428.7	10462.0	10481.6			
G34.0	10249.1	10300.3	10326.5	10303.4	10262.5	10299.9	10321.9			
G35.0	10049.3	10105.3	10141.9	10122.6	10065.1	10115.5	10139.5			
G36.0	9840.6	9899.9	9912.1	9918.5	9871.4	9917.3	9964.1			

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 6)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	9614.6	9662.5	9693.6	9704.3	9654.0	9719.4	9763.4			
G38.0	9353.0	9376.0	9459.0	9436.1	9398.7	9497.4	9559.1			
G39.0	9095.4	9089.9	9199.5	9151.6	9135.3	9229.8	9336.0			
G40.0	8832.0	8786.1	8903.1	8854.4	8864.8	8969.4	9107.1			
G41.0	8551.5	8476.3	8552.0	8521.6	8576.9	8677.7	8836.5			
G42.0	8282.9	8154.1	8184.8	8179.8	8269.7	8350.1	8570.6			
G43.0	7999.8	7812.0	7795.7	7788.5	7949.8	8017.0	8240.3			
G44.0	7748.2	7515.9	7378.3	7441.5	7680.8	7664.2	7891.7			
G45.0	7498.4	7226.1	6906.6	7107.9	7418.9	7346.0	7500.2			
G46.0	7234.6	6924.5	6486.6	6786.2	7163.2	7043.8	7120.0			
G47.0	6970.4	6606.7	6107.9	6472.7	6902.8	6761.4	6719.0			
G48.0	6670.7	6245.0	5771.3	6129.5	6622.6	6482.3	6307.4			
G49.0	6398.0	5916.1	5479.8	5830.4	6357.0	6177.6	5947.8			
G50.0	6127.5	5597.6	5193.1	5558.9	6080.2	5895.9	5595.1			
G51.0	5862.9	5283.4	4949.9	5291.5	5783.7	5608.2	5264.4			
G52.0	5612.4	4998.8	4731.4	5036.8	5480.6	5316.5	4976.5			
G53.0	5343.8	4714.9	4515.8	4760.8	5214.9	5015.8	4697.1			
G54.0	5094.0	4493.3	4306.1	4527.3	4964.8	4685.3	4476.3			
G55.0	4846.5	4292.7	4088.0	4309.0	4718.1	4404.4	4247.0			
G56.0	4592.7	4099.5	3886.9	4070.9	4450.2	4149.6	4049.3			
G57.0	4303.3	3892.0	3677.3	3863.4	4211.3	3907.0	3880.5			
G58.0	4042.4	3692.1	3456.8	3659.6	3961.6	3692.0	3682.3			
G59.0	3781.6	3494.9	3204.4	3453.2	3722.6	3481.9	3513.1			
G60.0	3528.9	3285.1	2980.2	3243.1	3473.6	3292.6	3342.1			
G61.0	3299.8	3074.9	2770.2	3040.7	3218.0	3111.1	3146.6			
G62.0	3073.0	2854.1	2596.7	2810.9	2998.0	2912.9	2976.6			
G63.0	2885.0	2672.0	2428.4	2602.6	2809.1	2742.6	2775.9			
G64.0	2704.8	2503.5	2299.2	2411.5	2632.1	2567.2	2609.3			
G65.0	2538.3	2355.6	2181.9	2250.4	2453.3	2405.1	2424.0			
G66.0	2377.0	2199.6	2068.0	2106.9	2298.6	2253.4	2257.7			
G67.0	2207.2	2033.4	1957.4	1996.0	2155.4	2110.4	2109.1			
G68.0	2066.5	1896.2	1834.9	1891.5	2025.1	1993.7	1977.2			
G69.0	1937.1	1772.3	1725.8	1772.1	1883.8	1882.0	1849.8			
G70.0	1809.0	1656.6	1611.9	1665.4	1768.7	1775.8	1715.7			
G71.0	1688.4	1555.5	1511.0	1559.8	1668.6	1664.4	1597.1			
G72.0	1581.8	1470.4	1399.3	1456.4	1574.3	1563.8	1494.5			
G73.0	1485.3	1398.1	1317.7	1373.1	1489.7	1465.8	1382.5			

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	1392.7	1303.0	1239.2	1287.5	1390.7	1373.7	1285.8			
G75.0	1294.7	1225.2	1159.9	1218.4	1304.6	1282.5	1190.6			
G76.0	1204.4	1133.0	1082.0	1136.2	1218.9	1200.5	1105.6			
G77.0	1126.7	1046.7	1005.7	1055.5	1132.4	1117.0	1026.5			
G78.0	1042.3	965.6	931.2	979.2	1044.8	1036.9	951.4			
G79.0	949.1	875.7	857.5	890.3	966.2	952.0	887.4			
G80.0	862.5	795.3	773.4	815.2	888.3	859.6	819.6			
G81.0	783.0	719.3	694.4	729.7	794.8	773.9	736.8			
G82.0	699.7	633.8	616.6	648.2	706.8	689.7	652.2			
G83.0	612.0	551.9	526.9	559.3	624.5	604.3	573.5			
G84.0	519.1	462.3	444.6	469.3	533.5	508.2	484.1			
G85.0	434.0	376.1	349.3	376.0	444.9	424.8	404.7			
G86.0	339.3	293.5	272.6	286.4	347.3	333.8	314.6			
G87.0	245.3	204.6	190.6	203.1	254.5	252.6	243.5			
G88.0	161.3	127.9	112.8	124.6	167.7	165.1	161.1			
G89.0	95.1	66.4	54.0	62.5	91.3	99.9	97.0			
G90.0	43.3	30.6	17.5	21.9	28.9	46.6	43.2			
G91.0	19.2	14.0	13.0	9.7	17.8	25.3	15.0			
G92.0	10.4	15.9	11.9	11.5	0.0	20.1	12.5			
G93.0	8.5	11.8	10.4	11.2	10.0	12.3	13.6			
G94.0	10.0	14.0	0.0	9.7	12.2	13.0	11.7			
G95.0	7.8	11.1	8.9	0.0	8.9	16.4	12.5			
G96.0	9.2	10.0	10.4	10.4	8.9	15.7	10.6			
G97.0	9.2	9.6	9.7	0.0	9.3	13.8	12.5			
G98.0	10.7	11.4	12.3	0.0	9.3	11.6	9.5			
G99.0	0.0	9.2	8.2	12.6	8.9	11.2	9.2			
G100.0	10.4	0.0	8.9	12.6	11.5	17.5	11.0			
G101.0	0.0	12.9	0.0	10.4	11.5	17.5	0.0			
G102.0	11.8	10.0	11.5	8.6	10.4	17.1	13.2			
G103.0	7.4	8.5	11.5	9.7	12.2	17.5	0.0			
G104.0	10.7	9.2	12.3	7.8	0.0	17.9	10.3			
G105.0	8.1	11.4	9.7	7.4	12.6	14.2	11.0			
G106.0	8.9	0.0	13.4	10.0	8.2	17.5	10.3			
G107.0	9.6	15.5	10.4	7.8	12.6	14.5	9.5			
G108.0	9.2	11.4	10.1	0.0	0.0	17.5	13.9			
G109.0	8.5	11.1	11.2	9.3	0.0	15.3	9.2			
G110.0	8.5	12.2	14.2	9.7	7.4	17.1	9.2			

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 8)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	0.0	11.8	12.3	9.7	7.8	15.7	12.1			
G112.0	8.9	13.3	8.6	10.4	0.0	19.0	8.4			
G113.0	0.0	13.6	10.1	10.4	8.5	14.9	13.2			
G114.0	7.4	10.0	13.4	8.9	0.0	16.0	11.4			
G115.0	8.5	13.6	9.3	8.2	8.5	16.8	8.4			
G116.0	11.5	10.3	8.2	11.9	9.6	17.5	7.3			
G117.0	9.2	15.1	12.3	13.8	11.9	17.5	9.9			
G118.0	8.9	9.2	10.4	8.2	12.2	17.1	11.0			
G119.0	0.0	13.3	12.7	10.8	10.0	15.7	11.4			
G120.0	10.0	14.0	11.5	10.4	13.4	19.4	9.2			
G121.0	10.0	11.4	13.4	0.0	13.7	17.5	9.5			
G122.0	8.1	14.7	13.4	13.0	10.0	16.8	15.4			
G123.0	9.6	12.9	14.5	10.4	12.2	18.3	12.5			
G124.0	11.8	14.4	13.0	12.6	14.5	18.6	11.0			
G125.0	13.7	17.3	11.9	11.2	13.7	17.9	15.0			
G126.0	9.6	20.3	12.7	14.1	17.1	16.8	12.1			
G127.0	10.0	13.6	13.4	13.0	12.2	16.8	16.5			
G128.0	12.6	14.7	16.4	13.8	9.6	15.3	11.4			
G129.0	11.1	20.3	14.9	14.5	18.2	17.9	13.2			
G130.0	12.9	17.3	18.2	14.5	19.3	19.4	12.1			
G131.0	13.3	10.7	18.6	13.0	15.6	18.6	8.4			
G132.0	15.2	9.6	16.4	11.5	16.0	20.1	16.9			
G133.0	15.9	19.9	16.8	18.6	13.7	22.4	15.7			
G134.0	16.3	17.0	19.7	15.3	14.5	23.5	16.9			
G135.0	18.5	21.0	20.9	17.9	17.8	21.6	14.6			
G136.0	14.4	22.9	20.5	20.8	16.7	21.2	17.2			
G137.0	11.5	21.4	18.6	19.0	16.3	21.2	16.1			
G138.0	19.6	19.2	13.0	18.6	20.0	24.6	15.4			
G139.0	20.4	24.0	24.2	20.8	24.5	26.8	16.9			
G140.0	21.1	22.5	22.7	19.7	18.5	28.7	23.1			
G141.0	21.8	24.7	22.3	22.7	23.0	26.5	22.0			
G142.0	23.3	26.5	19.7	19.7	14.5	21.2	19.4			
G143.0	22.6	25.1	23.8	17.1	18.5	25.7	23.8			
G144.0	24.8	25.1	26.1	25.3	22.3	26.8	24.2			
G145.0	22.9	25.4	26.4	25.3	21.9	26.5	23.4			
G146.0	24.0	22.9	26.8	24.9	26.7	25.0	24.9			
G147.0	22.2	27.7	26.8	19.7	23.4	26.1	21.6			

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	22.9	26.2	28.3	26.0	24.5	28.3	26.4			
G149.0	24.0	28.4	22.0	27.9	22.3	27.9	28.2			
G150.0	24.0	24.3	23.1	24.2	28.6	32.0	23.4			
G151.0	22.2	29.5	27.6	25.7	27.1	30.6	23.8			
G152.0	22.9	25.1	27.6	29.4	25.2	30.2	26.7			
G153.0	28.1	31.3	28.3	23.8	23.4	33.5	28.9			
G154.0	26.3	32.1	25.7	23.4	25.6	34.3	26.4			
G155.0	27.4	26.5	27.6	24.9	27.1	29.4	27.5			
G156.0	28.9	24.3	28.7	27.9	26.3	31.3	29.3			
G157.0	30.3	30.6	29.0	29.0	33.0	33.5	30.0			
G158.0	21.5	29.1	35.4	26.0	24.5	31.7	29.3			
G159.0	18.5	31.3	29.4	31.6	26.7	33.9	30.4			
G160.0	27.8	35.0	34.3	28.3	28.6	31.7	27.1			
G161.0	25.9	33.2	33.1	29.0	27.1	36.5	29.7			
G162.0	21.1	37.2	34.3	33.5	34.1	32.8	32.2			
G163.0	28.9	35.8	32.8	30.1	29.3	36.1	27.8			
G164.0	25.5	29.1	32.0	29.7	32.3	31.7	27.8			
G165.0	27.8	39.1	30.2	33.5	31.5	32.0	31.1			
G166.0	32.9	32.4	34.6	33.5	33.4	33.5	29.7			
G167.0	31.8	42.0	36.9	30.9	30.1	33.5	24.5			
G168.0	35.9	38.0	33.9	35.3	34.5	39.9	32.6			
G169.0	35.9	37.2	29.0	35.0	37.5	36.5	31.9			
G170.0	30.7	38.0	36.1	26.8	37.8	44.0	27.5			
G171.0	37.0	39.8	33.5	33.1	33.8	37.3	28.6			
G172.0	34.8	37.6	39.1	42.0	19.3	42.5	26.4			
G173.0	34.4	38.3	32.0	33.8	37.5	39.9	30.8			
G174.0	28.9	33.2	34.6	36.4	36.4	36.9	33.7			
G175.0	35.5	35.8	41.0	36.8	37.8	37.3	32.2			
G176.0	32.9	36.5	35.7	34.2	34.1	41.0	32.6			
G177.0	37.0	36.1	35.7	29.4	37.1	39.1	29.3			
G178.0	31.5	36.9	27.9	34.6	35.2	39.9	25.3			
G179.0	34.0	24.7	39.1	31.2	32.7	35.4	32.6			
G180.0	31.5	17.7	29.8	30.9	28.9	39.1	35.2			

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: