

Report No.:

Test Time: 2021-6-4 08:51

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 1.216 A

Power Factor: 0.998

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 145.57 W

Photometric Results

CIE Class: Direct

Measurement Flux: 20940.2 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 123.3, 124.6, 123.3, 123.9

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 82.2, 82.0, 83.4, 83.2

Luminaire Efficacy Rating (LER): 143.90

Max. Intensity: 11407.52 cd

S/MH(C0/C180): 1.25

Total Rated Lamp Lumens: 20940.2 lm

Efficiency: 100%

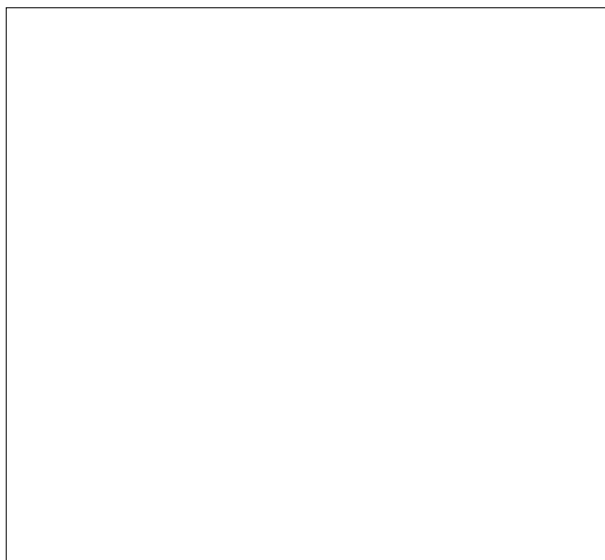
Upward Ratio: 0%

C0r0 Intensity: 11246.81 cd

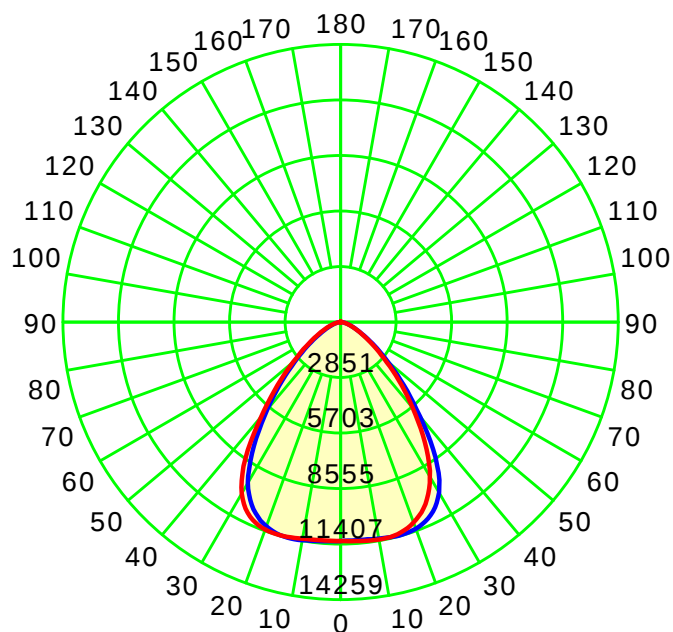
Pos of Max. Intensity: H180 V13

S/MH(C90/C270): 1.24

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 82.1°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

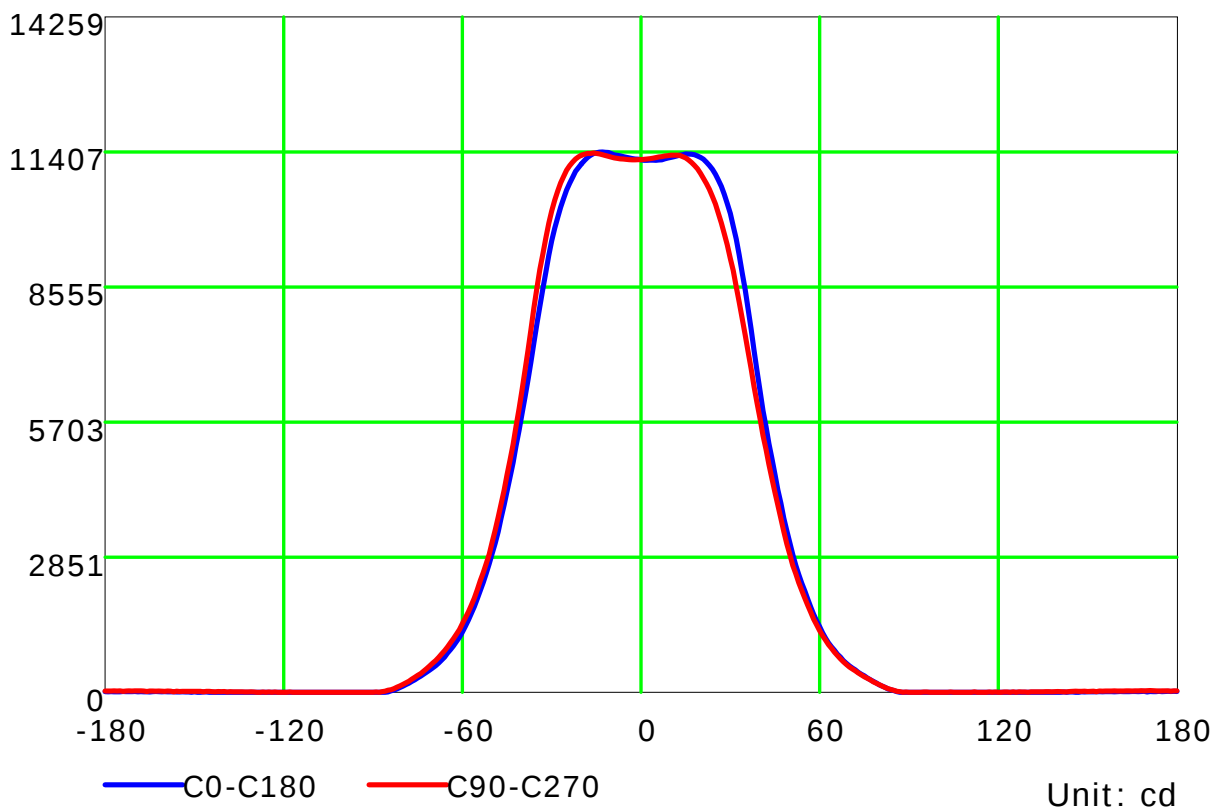
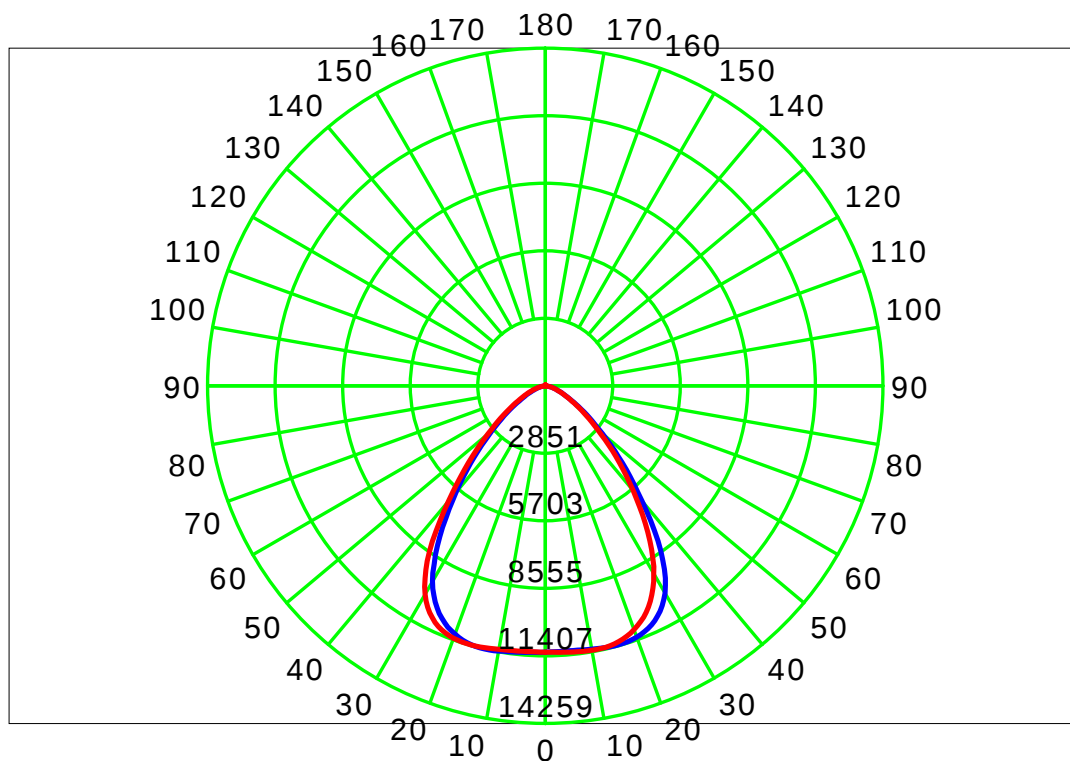
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

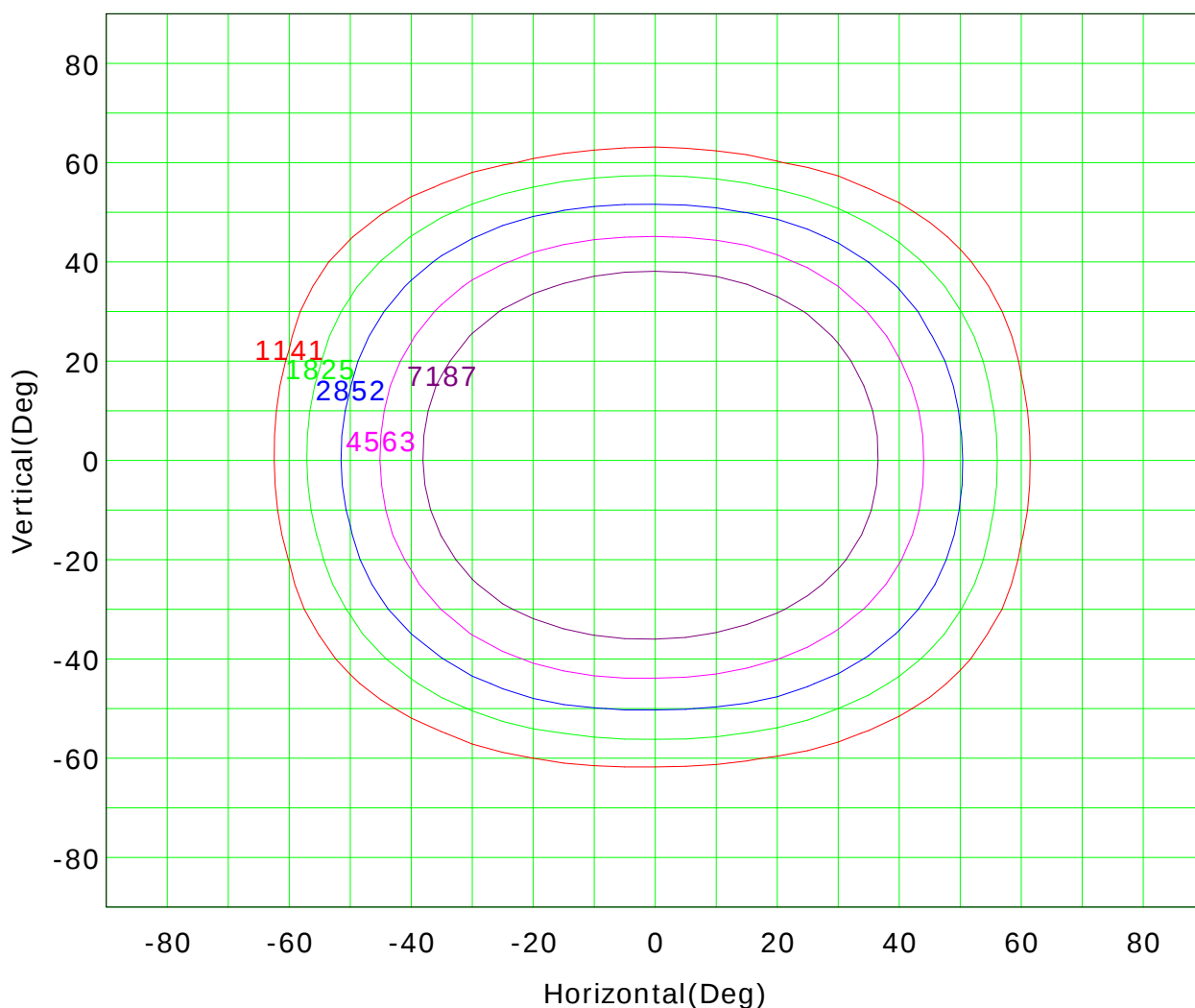
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.2 °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%): 11408 cd

(10%): 1141 cd	(16%): 1825 cd
(25%): 2852 cd	(40%): 4563 cd
(63%): 7187 cd	(100%): 11408 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

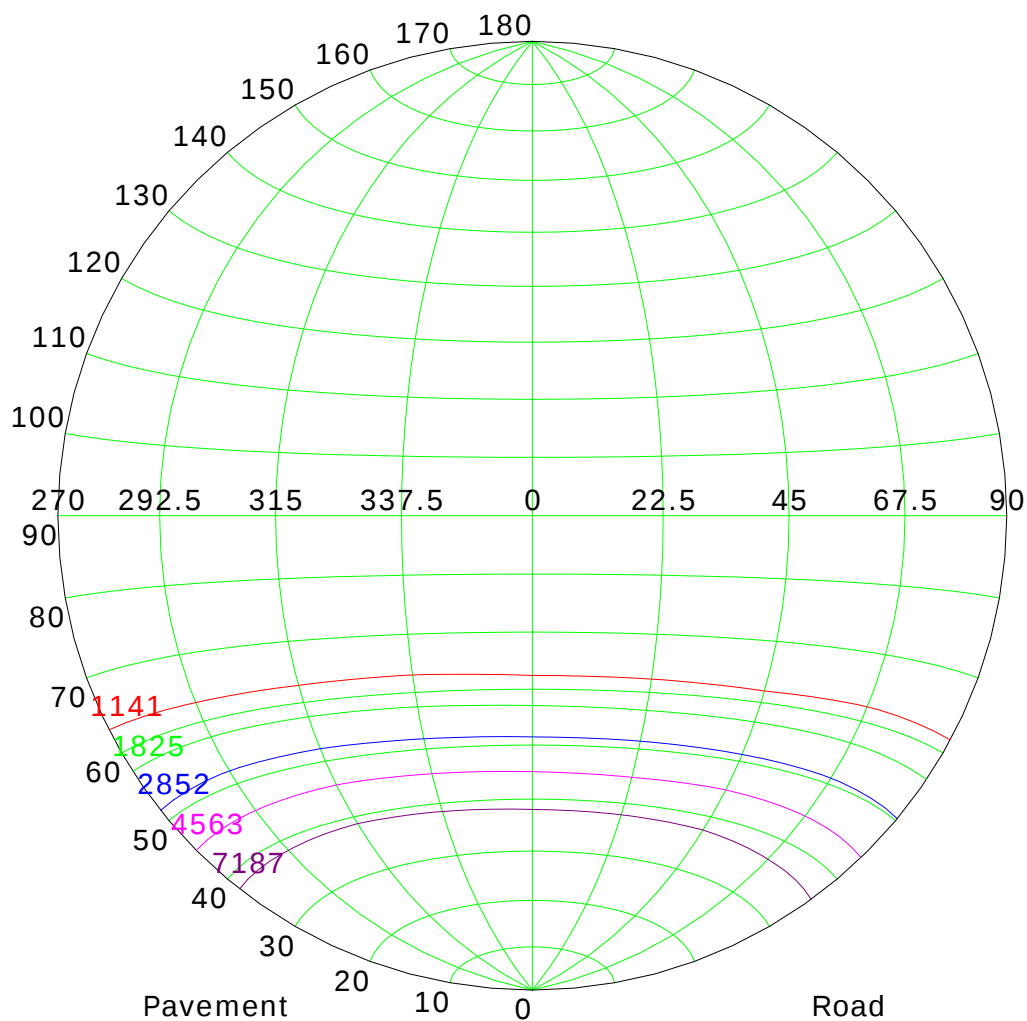
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 11408 cd

(10%): 1141 cd	(16%): 1825 cd
(25%): 2852 cd	(40%): 4563 cd
(63%): 7187 cd	(100%): 11408 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

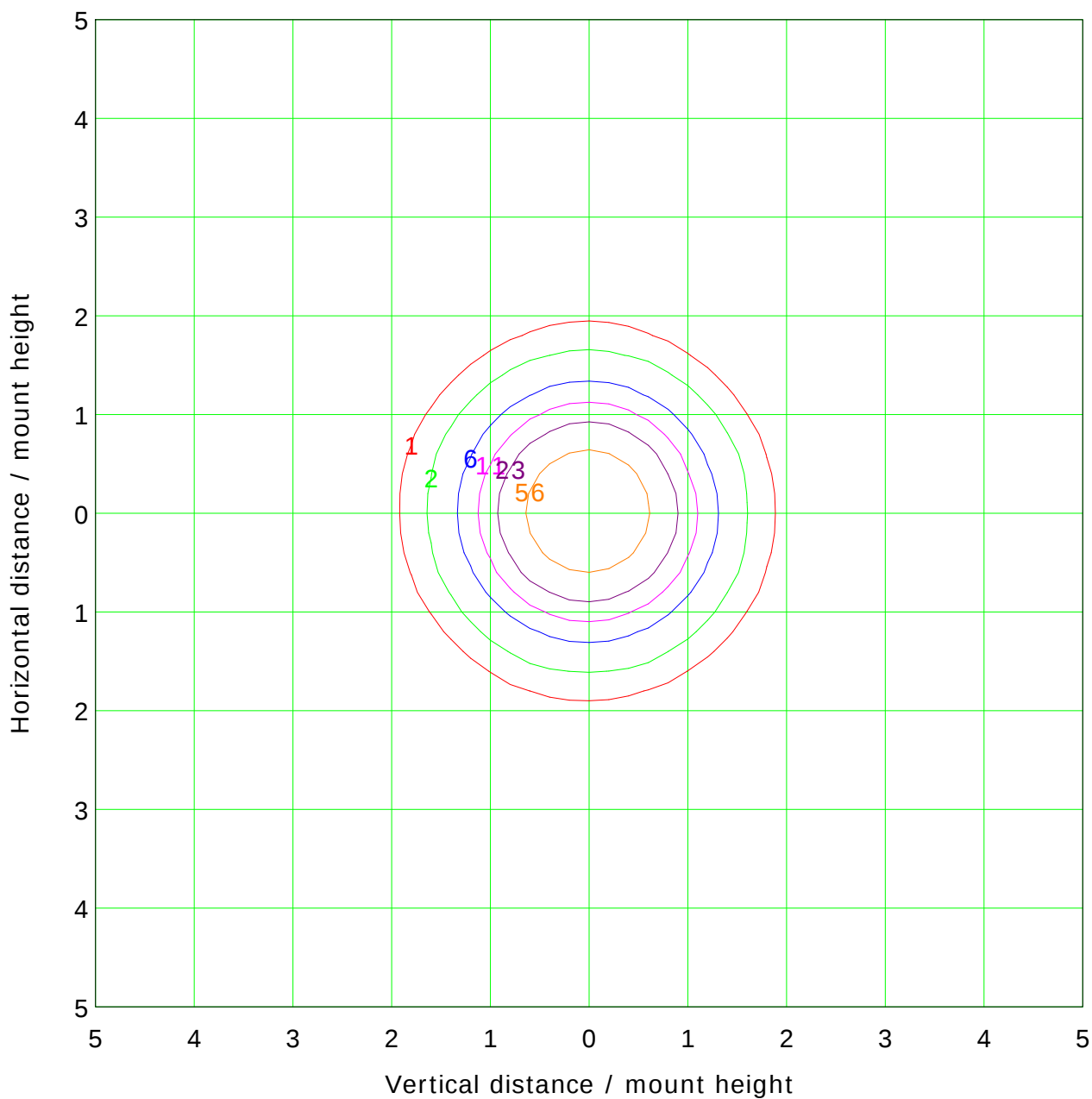
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 112.5 lx

— (1%): 1.1 lx	— (2%): 2.3 lx
— (5%): 5.6 lx	— (10%): 11.3 lx
— (20%): 22.5 lx	— (50%): 56.3 lx
— (100%): 112.5 lx	

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

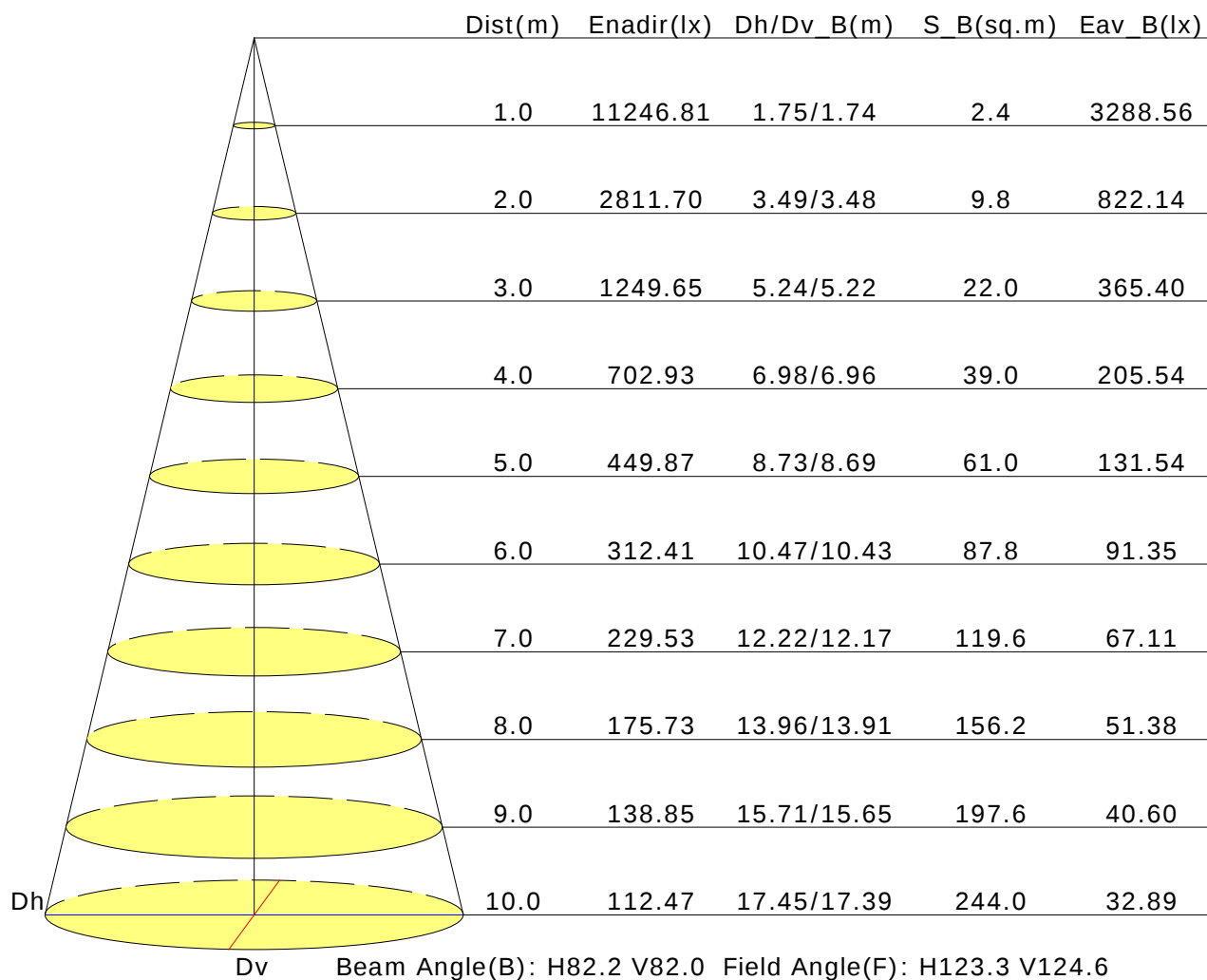
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

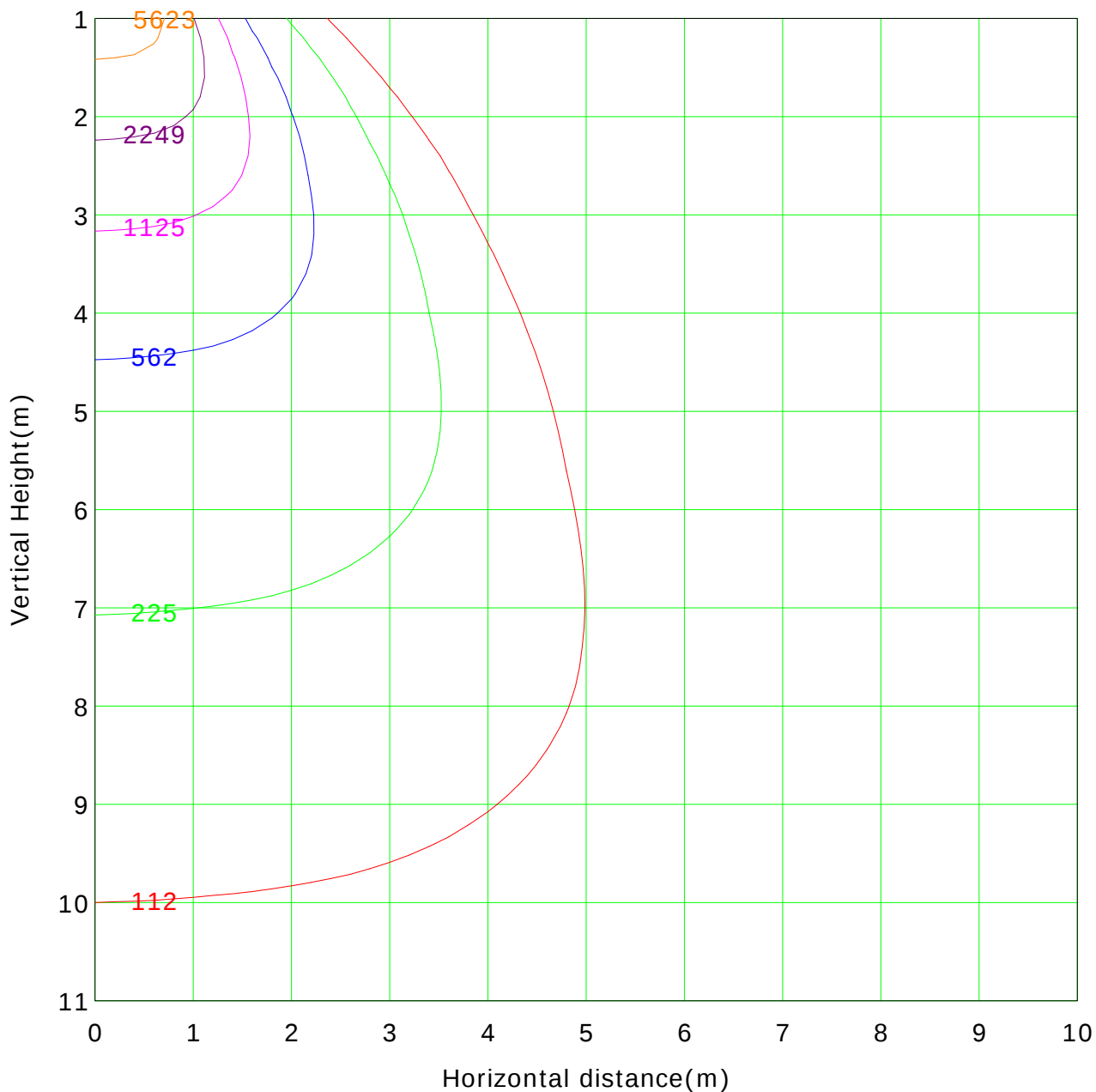
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.2 '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: 11246.8 lx

(1%): 112.5 lx	(2%): 224.9 lx
(5%): 562.3 lx	(10%): 1124.7 lx
(20%): 2249.4 lx	(50%): 5623.4 lx
(100%): 11246.8 lx	

C Plane (°): 0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 °C

Operator:

Gamma Plane (°): 0.0-180.0: 1.0

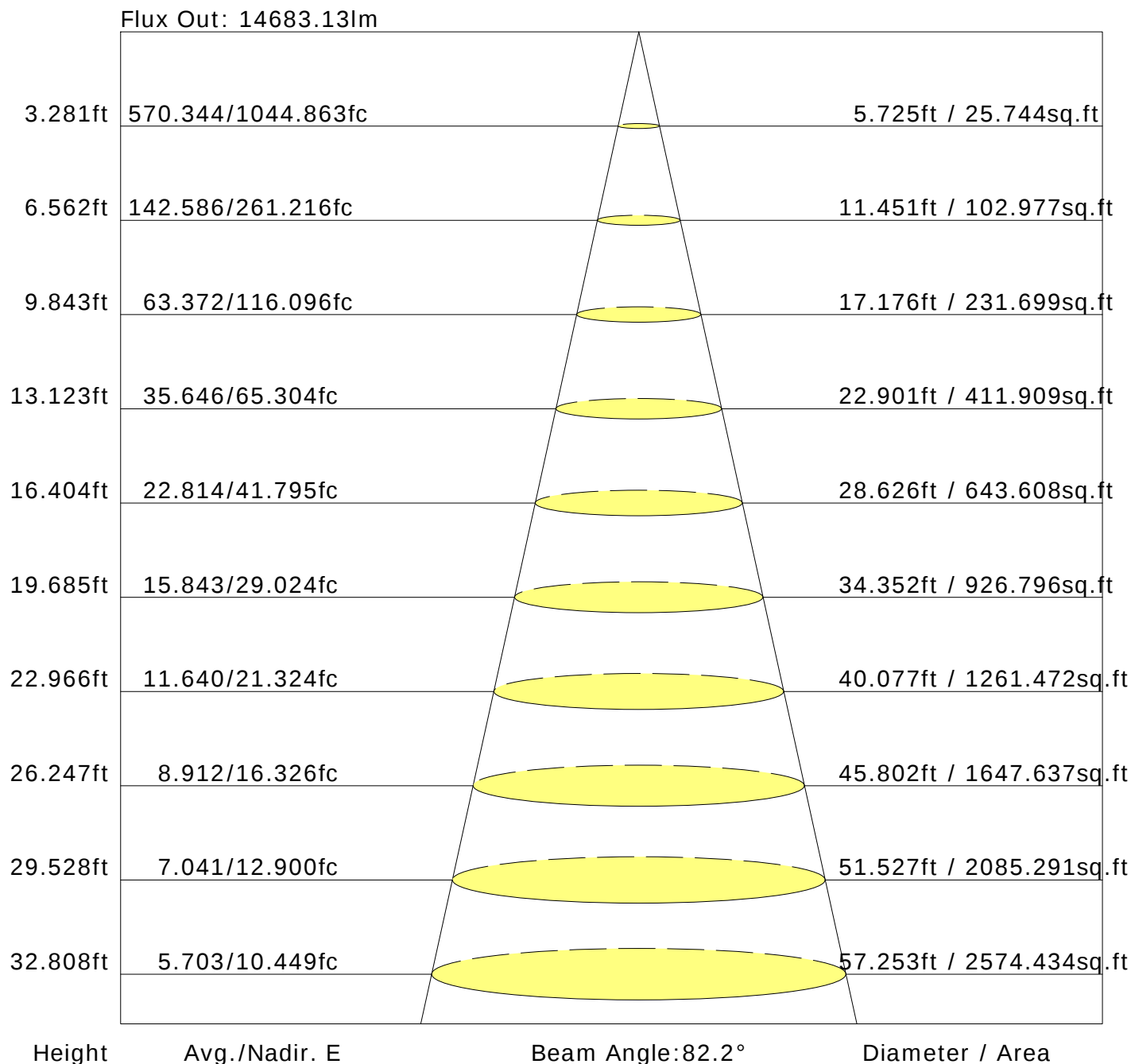
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.2 °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	11247.1	10.8	10.8	0.05	0.05
1.0-2.0	11248.7	32.3	43.1	0.15	0.21
2.0-3.0	11253.4	53.8	96.9	0.26	0.46
3.0-4.0	11259.4	75.4	172.3	0.36	0.82
4.0-5.0	11265.5	96.9	269.2	0.46	1.29
5.0-6.0	11274.1	118.5	387.7	0.57	1.85
6.0-7.0	11284.2	140.1	527.8	0.67	2.52
7.0-8.0	11295.7	161.7	689.4	0.77	3.29
8.0-9.0	11308.6	183.3	872.7	0.88	4.17
9.0-10.0	11321.2	204.9	1077.7	0.98	5.15
10.0-11.0	11333.4	226.5	1304.1	1.08	6.23
11.0-12.0	11344.6	248.0	1552.2	1.18	7.41
12.0-13.0	11352.9	269.5	1821.6	1.29	8.70
13.0-14.0	11356.6	290.7	2112.4	1.39	10.09
14.0-15.0	11354.7	311.8	2424.1	1.49	11.58
15.0-16.0	11345.0	332.5	2756.6	1.59	13.16
16.0-17.0	11325.8	352.7	3109.3	1.68	14.85
17.0-18.0	11298.6	372.6	3481.9	1.78	16.63
18.0-19.0	11262.2	391.9	3873.8	1.87	18.50
19.0-20.0	11214.0	410.5	4284.3	1.96	20.46
20.0-21.0	11153.7	428.3	4712.6	2.05	22.51
21.0-22.0	11080.9	445.4	5158.0	2.13	24.63
22.0-23.0	10993.9	461.4	5619.4	2.20	26.84
23.0-24.0	10892.3	476.3	6095.6	2.27	29.11
24.0-25.0	10774.3	490.0	6585.6	2.34	31.45
25.0-26.0	10635.9	502.1	7087.7	2.40	33.85
26.0-27.0	10478.8	512.7	7600.5	2.45	36.30
27.0-28.0	10301.0	521.6	8122.1	2.49	38.79
28.0-29.0	10097.8	528.4	8650.4	2.52	41.31
29.0-30.0	9867.1	532.8	9183.3	2.54	43.85
30.0-31.0	9610.1	534.9	9718.1	2.55	46.41
31.0-32.0	9324.2	534.3	10252.4	2.55	48.96
32.0-33.0	9010.5	530.9	10783.3	2.54	51.50
33.0-34.0	8675.5	525.1	11308.4	2.51	54.00
34.0-35.0	8319.3	516.7	11825.1	2.47	56.47
35.0-36.0	7944.7	505.9	12331.0	2.42	58.89

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 °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	7557.9	493.0	12824.0	2.35	61.24
37.0-38.0	7167.0	478.5	13302.5	2.28	63.53
38.0-39.0	6775.1	462.5	13765.0	2.21	65.73
39.0-40.0	6388.5	445.6	14210.6	2.13	67.86
40.0-41.0	6013.2	428.3	14638.9	2.05	69.91
41.0-42.0	5653.3	410.8	15049.7	1.96	71.87
42.0-43.0	5308.3	393.3	15442.9	1.88	73.75
43.0-44.0	4971.1	375.2	15818.2	1.79	75.54
44.0-45.0	4642.1	356.8	16175.0	1.70	77.24
45.0-46.0	4325.7	338.3	16513.3	1.62	78.86
46.0-47.0	4027.3	320.4	16833.7	1.53	80.39
47.0-48.0	3742.5	302.6	17136.3	1.44	81.83
48.0-49.0	3469.4	284.9	17421.2	1.36	83.19
49.0-50.0	3217.8	268.3	17689.5	1.28	84.48
50.0-51.0	2982.8	252.4	17941.9	1.21	85.68
51.0-52.0	2761.4	237.0	18178.9	1.13	86.81
52.0-53.0	2554.7	222.3	18401.2	1.06	87.87
53.0-54.0	2360.3	208.1	18609.2	0.99	88.87
54.0-55.0	2179.8	194.6	18803.8	0.93	89.80
55.0-56.0	2010.3	181.7	18985.5	0.87	90.67
56.0-57.0	1849.3	169.1	19154.6	0.81	91.47
57.0-58.0	1698.0	157.0	19311.7	0.75	92.22
58.0-59.0	1557.9	145.7	19457.3	0.70	92.92
59.0-60.0	1426.8	134.8	19592.2	0.64	93.56
60.0-61.0	1305.3	124.6	19716.7	0.59	94.16
61.0-62.0	1192.8	115.0	19831.7	0.55	94.71
62.0-63.0	1089.6	106.0	19937.7	0.51	95.21
63.0-64.0	995.8	97.7	20035.4	0.47	95.68
64.0-65.0	910.5	90.1	20125.5	0.43	96.11
65.0-66.0	833.2	83.1	20208.7	0.40	96.51
66.0-67.0	761.2	76.5	20285.2	0.37	96.87
67.0-68.0	693.2	70.2	20355.4	0.34	97.21
68.0-69.0	631.5	64.4	20419.9	0.31	97.51
69.0-70.0	576.9	59.3	20479.1	0.28	97.80
70.0-71.0	526.5	54.4	20533.6	0.26	98.06
71.0-72.0	480.3	50.0	20583.5	0.24	98.30

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 °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	436.9	45.7	20629.2	0.22	98.51
73.0-74.0	395.0	41.5	20670.7	0.20	98.71
74.0-75.0	355.3	37.5	20708.3	0.18	98.89
75.0-76.0	317.0	33.7	20741.9	0.16	99.05
76.0-77.0	280.0	29.9	20771.8	0.14	99.20
77.0-78.0	243.9	26.1	20797.9	0.12	99.32
78.0-79.0	209.1	22.5	20820.4	0.11	99.43
79.0-80.0	176.1	19.0	20839.4	0.09	99.52
80.0-81.0	145.1	15.7	20855.1	0.07	99.59
81.0-82.0	115.6	12.5	20867.6	0.06	99.65
82.0-83.0	88.4	9.6	20877.2	0.05	99.70
83.0-84.0	64.7	7.0	20884.3	0.03	99.73
84.0-85.0	44.4	4.9	20889.1	0.02	99.76
85.0-86.0	27.7	3.0	20892.1	0.01	99.77
86.0-87.0	14.0	1.5	20893.7	0.01	99.78
87.0-88.0	5.1	0.6	20894.2	0.00	99.78
88.0-89.0	2.5	0.3	20894.5	0.00	99.78
89.0-90.0	2.4	0.3	20894.8	0.00	99.78
90.0-91.0	1.3	0.1	20894.9	0.00	99.78
91.0-92.0	1.0	0.1	20895.0	0.00	99.78
92.0-93.0	0.8	0.1	20895.1	0.00	99.78
93.0-94.0	0.6	0.1	20895.2	0.00	99.78
94.0-95.0	0.8	0.1	20895.3	0.00	99.79
95.0-96.0	1.0	0.1	20895.4	0.00	99.79
96.0-97.0	0.7	0.1	20895.4	0.00	99.79
97.0-98.0	1.0	0.1	20895.6	0.00	99.79
98.0-99.0	0.8	0.1	20895.6	0.00	99.79
99.0-100.0	0.0	0.0	20895.6	0.00	99.79
100.0-101.0	0.5	0.1	20895.7	0.00	99.79
101.0-102.0	0.8	0.1	20895.8	0.00	99.79
102.0-103.0	0.8	0.1	20895.9	0.00	99.79
103.0-104.0	0.8	0.1	20895.9	0.00	99.79
104.0-105.0	0.8	0.1	20896.0	0.00	99.79
105.0-106.0	1.3	0.1	20896.2	0.00	99.79
106.0-107.0	1.3	0.1	20896.3	0.00	99.79
107.0-108.0	1.5	0.2	20896.4	0.00	99.79

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	1.1	0.1	20896.6	0.00	99.79
109.0-110.0	1.5	0.2	20896.7	0.00	99.79
110.0-111.0	1.8	0.2	20896.9	0.00	99.79
111.0-112.0	2.5	0.3	20897.2	0.00	99.79
112.0-113.0	2.4	0.2	20897.4	0.00	99.80
113.0-114.0	2.1	0.2	20897.6	0.00	99.80
114.0-115.0	2.4	0.2	20897.9	0.00	99.80
115.0-116.0	1.7	0.2	20898.0	0.00	99.80
116.0-117.0	1.9	0.2	20898.2	0.00	99.80
117.0-118.0	1.5	0.1	20898.4	0.00	99.80
118.0-119.0	1.3	0.1	20898.5	0.00	99.80
119.0-120.0	2.6	0.2	20898.7	0.00	99.80
120.0-121.0	3.2	0.3	20899.0	0.00	99.80
121.0-122.0	2.7	0.3	20899.3	0.00	99.80
122.0-123.0	3.0	0.3	20899.6	0.00	99.81
123.0-124.0	3.6	0.3	20899.9	0.00	99.81
124.0-125.0	4.2	0.4	20900.3	0.00	99.81
125.0-126.0	5.0	0.4	20900.7	0.00	99.81
126.0-127.0	5.3	0.5	20901.2	0.00	99.81
127.0-128.0	5.5	0.5	20901.7	0.00	99.82
128.0-129.0	6.3	0.5	20902.2	0.00	99.82
129.0-130.0	6.3	0.5	20902.7	0.00	99.82
130.0-131.0	6.4	0.5	20903.3	0.00	99.82
131.0-132.0	7.7	0.6	20903.9	0.00	99.83
132.0-133.0	7.7	0.6	20904.5	0.00	99.83
133.0-134.0	8.2	0.7	20905.2	0.00	99.83
134.0-135.0	9.7	0.8	20905.9	0.00	99.84
135.0-136.0	10.3	0.8	20906.7	0.00	99.84
136.0-137.0	10.5	0.8	20907.5	0.00	99.84
137.0-138.0	11.1	0.8	20908.3	0.00	99.85
138.0-139.0	11.4	0.8	20909.2	0.00	99.85
139.0-140.0	12.3	0.9	20910.1	0.00	99.86
140.0-141.0	13.8	1.0	20911.0	0.00	99.86
141.0-142.0	13.8	0.9	20912.0	0.00	99.86
142.0-143.0	13.5	0.9	20912.9	0.00	99.87
143.0-144.0	14.6	1.0	20913.8	0.00	99.87

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	15.8	1.0	20914.8	0.00	99.88
145.0-146.0	16.6	1.0	20915.8	0.00	99.88
146.0-147.0	16.9	1.0	20916.9	0.00	99.89
147.0-148.0	17.7	1.0	20917.9	0.00	99.89
148.0-149.0	18.7	1.1	20919.0	0.01	99.90
149.0-150.0	19.0	1.1	20920.0	0.01	99.90
150.0-151.0	20.2	1.1	20921.1	0.01	99.91
151.0-152.0	20.4	1.1	20922.2	0.01	99.91
152.0-153.0	20.5	1.0	20923.2	0.00	99.92
153.0-154.0	22.2	1.1	20924.3	0.01	99.92
154.0-155.0	22.2	1.0	20925.4	0.01	99.93
155.0-156.0	21.6	1.0	20926.4	0.00	99.93
156.0-157.0	22.3	1.0	20927.3	0.00	99.94
157.0-158.0	23.7	1.0	20928.3	0.00	99.94
158.0-159.0	24.6	1.0	20929.3	0.00	99.95
159.0-160.0	24.4	0.9	20930.3	0.00	99.95
160.0-161.0	24.3	0.9	20931.1	0.00	99.96
161.0-162.0	24.9	0.9	20932.0	0.00	99.96
162.0-163.0	25.9	0.9	20932.9	0.00	99.96
163.0-164.0	26.1	0.8	20933.7	0.00	99.97
164.0-165.0	26.0	0.8	20934.4	0.00	99.97
165.0-166.0	25.2	0.7	20935.1	0.00	99.98
166.0-167.0	25.5	0.7	20935.8	0.00	99.98
167.0-168.0	27.7	0.7	20936.4	0.00	99.98
168.0-169.0	27.5	0.6	20937.0	0.00	99.98
169.0-170.0	27.4	0.5	20937.6	0.00	99.99
170.0-171.0	28.3	0.5	20938.1	0.00	99.99
171.0-172.0	28.1	0.5	20938.6	0.00	99.99
172.0-173.0	28.0	0.4	20939.0	0.00	99.99
173.0-174.0	27.8	0.3	20939.3	0.00	100.00
174.0-175.0	27.0	0.3	20939.6	0.00	100.00
175.0-176.0	27.0	0.2	20939.8	0.00	100.00
176.0-177.0	28.0	0.2	20940.0	0.00	100.00
177.0-178.0	27.4	0.1	20940.1	0.00	100.00
178.0-179.0	26.8	0.1	20940.2	0.00	100.00
179.0-180.0	25.5	0.0	20940.2	0.00	100.00

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 °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

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	11246.8	11246.8	11246.8	11246.8	11246.8	11246.8	11246.8	11246.8	11246.8	11246.8
G1.0	11234.5	11249.0	11246.1	11249.4	11252.3	11252.7	11255.2	11243.9	11255.8	11247.9
G2.0	11233.1	11245.0	11250.8	11256.3	11258.9	11265.1	11264.4	11254.5	11259.8	11255.5
G3.0	11237.4	11244.3	11254.1	11260.3	11268.4	11280.5	11275.4	11266.3	11269.9	11268.9
G4.0	11235.3	11243.9	11258.4	11273.7	11277.1	11288.2	11285.3	11274.7	11284.4	11276.9
G5.0	11233.4	11249.3	11267.9	11282.5	11289.5	11292.2	11299.2	11284.6	11298.5	11285.5
G6.0	11239.9	11258.8	11278.8	11290.9	11303.1	11306.1	11306.9	11303.7	11310.4	11299.7
G7.0	11244.3	11270.0	11288.6	11302.9	11311.8	11315.6	11315.7	11322.4	11326.6	11312.0
G8.0	11265.2	11283.7	11303.5	11309.8	11323.5	11323.6	11328.9	11329.8	11339.3	11330.8
G9.0	11279.3	11305.4	11311.1	11322.9	11331.2	11337.5	11335.5	11340.0	11349.7	11354.0
G10.0	11292.7	11308.3	11328.2	11327.3	11342.9	11342.3	11346.8	11338.9	11375.4	11368.4
G11.0	11307.5	11329.4	11330.0	11337.1	11342.5	11339.7	11339.9	11356.2	11399.2	11382.2
G12.0	11324.1	11341.7	11344.9	11338.9	11340.0	11332.0	11342.4	11353.3	11403.9	11393.4
G13.0	11341.1	11349.3	11348.1	11331.6	11339.6	11320.0	11325.6	11354.4	11407.5	11405.4
G14.0	11353.0	11361.6	11341.2	11318.9	11311.8	11296.9	11308.7	11351.1	11405.4	11402.8
G15.0	11368.5	11354.7	11326.7	11298.9	11284.4	11271.0	11280.9	11324.6	11391.6	11406.5
G16.0	11365.6	11342.4	11305.3	11268.6	11240.6	11226.0	11241.7	11297.8	11374.7	11396.0
G17.0	11360.6	11327.2	11269.3	11218.8	11187.3	11171.8	11185.3	11257.8	11339.3	11375.3
G18.0	11351.5	11298.9	11226.5	11164.5	11124.4	11108.5	11124.1	11209.7	11294.5	11343.5
G19.0	11324.4	11267.1	11172.4	11100.8	11055.4	11029.1	11051.2	11135.2	11231.3	11301.1
G20.0	11295.6	11211.0	11104.4	11014.2	10955.7	10943.2	10968.7	11063.3	11160.1	11249.3
G21.0	11255.8	11152.0	11022.0	10920.2	10852.7	10836.7	10866.1	10972.3	11080.3	11179.1
G22.0	11192.6	11071.2	10935.2	10820.9	10740.2	10702.8	10759.9	10872.0	10998.7	11097.3
G23.0	11125.1	10988.0	10825.5	10686.5	10623.0	10575.9	10627.2	10750.2	10874.5	10991.2
G24.0	11044.9	10892.0	10702.8	10565.7	10471.4	10434.3	10482.5	10617.7	10745.9	10884.1
G25.0	10939.5	10770.0	10564.8	10414.6	10311.8	10269.3	10315.4	10465.3	10603.6	10759.5
G26.0	10818.5	10639.3	10405.7	10238.7	10115.6	10076.5	10134.8	10299.1	10433.1	10600.6
G27.0	10681.2	10489.8	10247.8	10046.9	9910.0	9865.1	9937.3	10104.1	10242.8	10436.2
G28.0	10515.5	10315.7	10048.4	9828.8	9687.2	9630.6	9716.0	9894.2	10030.5	10247.6
G29.0	10316.1	10118.4	9814.2	9597.6	9446.9	9387.3	9477.1	9661.8	9800.1	10025.0
G30.0	10112.1	9877.2	9583.2	9321.7	9159.8	9097.2	9220.7	9415.2	9534.2	9775.9
G31.0	9845.6	9631.4	9329.0	9044.6	8908.8	8839.6	8947.0	9109.4	9230.2	9462.4
G32.0	9572.5	9324.8	9019.2	8768.7	8562.2	8504.5	8633.0	8840.3	8862.2	9141.2
G33.0	9239.9	8997.9	8730.9	8449.4	8245.2	8185.5	8317.1	8485.8	8524.9	8824.8
G34.0	8859.6	8670.6	8406.2	8115.6	7893.4	7844.6	7998.0	8141.8	8148.9	8440.4
G35.0	8499.6	8309.7	8076.5	7742.8	7543.5	7508.4	7643.0	7804.5	7766.4	8044.7
G36.0	8095.4	7936.4	7708.3	7402.7	7192.5	7160.1	7316.9	7442.6	7383.6	7607.3

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 °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

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	7668.2	7516.1	7377.4	7057.6	6835.3	6815.1	6976.5	7072.6	6967.9	7197.9
G38.0	7223.3	7117.1	7034.6	6712.1	6459.5	6463.2	6628.0	6736.7	6597.8	6795.3
G39.0	6779.1	6713.5	6679.1	6351.0	6107.7	6109.0	6268.6	6359.7	6226.9	6393.8
G40.0	6356.5	6350.7	6323.9	5986.2	5773.2	5769.9	5899.3	6002.9	5870.4	6011.1
G41.0	5948.1	5951.8	5961.1	5665.8	5426.2	5443.2	5566.2	5647.3	5526.6	5644.4
G42.0	5611.9	5572.7	5602.7	5328.7	5130.0	5138.5	5261.0	5308.5	5199.1	5267.5
G43.0	5253.6	5206.3	5258.8	5038.5	4814.7	4849.5	4922.1	4992.1	4849.5	4941.0
G44.0	4935.8	4825.5	4905.1	4726.2	4511.6	4573.3	4608.1	4650.7	4546.1	4626.4
G45.0	4598.8	4507.3	4539.4	4414.2	4217.5	4260.9	4294.5	4347.5	4246.4	4281.4
G46.0	4272.4	4205.7	4202.0	4107.6	3950.6	3979.5	3994.1	4032.9	3960.0	3984.1
G47.0	3993.6	3910.6	3893.0	3834.6	3667.1	3719.4	3726.2	3759.5	3681.5	3696.3
G48.0	3679.0	3622.8	3613.4	3552.5	3398.7	3452.4	3463.5	3504.0	3394.8	3431.3
G49.0	3411.4	3375.6	3318.5	3269.6	3133.5	3189.7	3225.7	3275.7	3148.5	3190.6
G50.0	3153.5	3148.9	3086.8	3038.4	2907.8	2957.8	2997.8	3043.7	2930.7	2945.8
G51.0	2911.2	2923.8	2832.9	2813.8	2680.6	2739.4	2774.3	2800.0	2719.8	2741.3
G52.0	2680.4	2689.2	2632.8	2602.6	2506.7	2544.7	2568.0	2586.3	2512.1	2540.4
G53.0	2491.5	2482.1	2433.1	2398.4	2319.0	2367.7	2363.6	2375.3	2326.1	2352.5
G54.0	2306.3	2262.3	2262.4	2201.8	2152.8	2195.7	2188.5	2201.6	2149.2	2178.7
G55.0	2145.6	2088.9	2087.4	2041.6	1993.2	2037.0	2001.2	2039.0	1976.2	2012.2
G56.0	1975.1	1923.8	1916.0	1884.7	1842.7	1866.5	1845.9	1872.4	1811.5	1867.7
G57.0	1801.8	1766.0	1751.1	1742.0	1693.7	1716.1	1701.5	1715.7	1668.9	1720.4
G58.0	1650.4	1631.3	1593.1	1611.3	1549.8	1569.8	1558.6	1570.7	1529.1	1580.6
G59.0	1511.4	1491.6	1463.1	1483.2	1427.4	1439.9	1435.2	1444.8	1396.9	1459.7
G60.0	1386.1	1379.7	1327.0	1364.8	1302.1	1318.5	1294.1	1330.2	1271.2	1329.7
G61.0	1257.9	1256.6	1210.4	1254.9	1198.8	1202.9	1185.7	1207.3	1165.1	1215.7
G62.0	1145.2	1153.8	1102.9	1138.8	1102.3	1094.2	1089.3	1092.4	1071.2	1114.3
G63.0	1047.3	1060.4	1004.1	1039.0	1007.7	998.7	1002.5	991.1	983.4	1004.6
G64.0	960.3	957.2	922.8	944.0	930.3	898.5	913.4	905.9	903.2	913.8
G65.0	885.9	868.9	839.2	862.4	847.4	834.1	833.9	828.5	831.0	835.6
G66.0	805.7	793.9	774.6	790.7	779.4	761.3	766.5	765.0	745.0	762.1
G67.0	743.6	728.8	704.2	715.0	708.2	699.1	699.8	688.2	682.2	697.3
G68.0	671.7	655.6	642.8	648.0	648.7	634.4	633.5	628.8	620.8	628.8
G69.0	613.2	598.8	584.3	590.9	589.5	585.3	580.0	572.2	563.4	572.0
G70.0	560.9	548.1	533.1	534.8	536.2	533.0	523.2	526.7	515.0	522.8
G71.0	513.9	498.5	485.9	491.1	496.4	487.3	479.6	482.3	472.0	474.3
G72.0	475.3	459.4	447.8	450.7	452.9	449.6	445.2	442.3	426.1	435.5
G73.0	425.4	418.5	406.7	403.7	409.8	406.8	403.8	400.8	386.8	391.4

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 '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

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	383.5	379.8	373.3	369.9	369.3	369.5	363.1	363.0	342.7	350.1
G75.0	349.2	341.4	338.5	332.0	329.1	329.6	329.0	321.5	306.6	307.7
G76.0	305.5	304.5	299.2	297.1	297.7	295.6	294.2	287.8	264.4	276.2
G77.0	268.7	269.0	260.7	263.6	265.2	265.6	258.3	254.0	232.2	236.4
G78.0	233.3	232.4	235.7	230.1	225.7	229.7	221.3	215.1	193.9	195.1
G79.0	200.4	198.0	199.7	196.6	194.0	193.2	185.8	184.6	162.5	170.9
G80.0	161.8	167.3	167.8	167.5	164.4	162.1	157.5	153.4	130.4	137.9
G81.0	135.1	133.2	134.0	134.3	134.0	135.4	124.6	126.6	102.9	108.2
G82.0	107.6	103.5	104.2	104.1	104.5	100.6	99.3	94.7	72.9	80.0
G83.0	72.9	81.8	85.0	82.6	79.6	79.8	80.2	66.8	49.8	60.8
G84.0	54.5	49.2	56.7	62.3	59.2	56.7	55.3	43.7	33.2	34.8
G85.0	34.3	27.2	40.3	44.0	41.3	40.6	34.4	31.6	10.1	18.5
G86.0	14.4	22.8	25.1	27.7	20.8	24.9	18.0	20.6	0.0	0.0
G87.0	0.0	0.0	0.0	14.2	15.7	11.7	14.7	9.5	0.0	0.0
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0
G89.0	0.0	0.0	0.0	7.3	8.8	9.5	10.3	0.0	0.0	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	7.7	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	7.7	8.8	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	7.3	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	7.3	0.0	7.7	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	9.5	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	0.0	0.0	0.0	7.3	9.2	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	7.7	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	8.1	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	0.0	0.0	10.3	8.8	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 '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

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	7.3	10.2	7.7	9.2	9.5	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	7.3	9.2	0.0	0.0	0.0
G114.0	0.0	0.0	7.3	9.1	0.0	7.7	0.0	11.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	9.2	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	9.9	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	7.3	0.0	10.6	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	11.0	0.0	0.0
G120.0	0.0	0.0	0.0	8.0	0.0	7.7	10.6	11.4	0.0	0.0
G121.0	0.0	0.0	0.0	8.4	0.0	0.0	8.1	12.1	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	9.9	0.0	11.0	9.9	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	7.3	9.1	0.0	9.5	0.0	0.0
G124.0	0.0	0.0	0.0	9.8	0.0	10.6	8.8	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	8.0	10.2	10.2	9.2	8.1	0.0	0.0
G126.0	0.0	0.0	0.0	9.5	0.0	12.1	12.1	13.6	0.0	0.0
G127.0	0.0	0.0	0.0	8.7	12.8	9.5	16.1	8.4	0.0	0.0
G128.0	0.0	0.0	0.0	13.1	9.1	9.5	12.1	14.0	0.0	0.0
G129.0	0.0	0.0	9.1	13.5	8.0	9.1	14.7	14.7	0.0	0.0
G130.0	0.0	0.0	0.0	13.8	0.0	0.0	12.8	12.5	0.0	0.0
G131.0	0.0	0.0	0.0	11.3	12.8	11.0	13.9	14.7	0.0	0.0
G132.0	0.0	0.0	8.4	13.1	13.5	10.2	14.7	19.5	0.0	0.0
G133.0	0.0	0.0	0.0	10.2	10.2	15.4	12.8	8.1	0.0	0.0
G134.0	0.0	0.0	9.1	14.6	10.2	12.4	16.9	18.7	0.0	0.0
G135.0	0.0	0.0	8.0	12.0	13.5	16.1	17.2	16.9	0.0	0.0
G136.0	0.0	9.8	10.9	13.1	14.6	14.3	16.9	17.3	0.0	0.0
G137.0	0.0	0.0	9.1	13.8	15.0	11.7	12.1	19.8	0.0	0.0
G138.0	0.0	8.0	10.5	16.0	13.5	16.5	18.3	20.6	0.0	0.0
G139.0	0.0	0.0	12.0	13.8	15.3	18.7	18.3	21.7	0.0	0.0
G140.0	0.0	10.9	15.3	17.5	18.3	16.5	20.2	19.5	0.0	0.0
G141.0	0.0	10.1	15.6	16.8	15.7	20.9	20.9	25.7	0.0	0.0
G142.0	7.2	10.1	15.3	17.8	12.8	19.4	18.3	19.1	0.0	0.0
G143.0	0.0	8.7	13.8	16.0	12.8	20.1	23.8	25.3	0.0	0.0
G144.0	7.6	10.1	18.2	19.7	17.5	17.9	22.0	22.4	0.0	0.0
G145.0	9.0	10.9	21.1	17.1	20.5	21.2	19.4	26.8	0.0	0.0
G146.0	0.0	12.7	20.3	19.7	23.7	20.5	22.0	17.3	7.2	9.8
G147.0	0.0	12.7	22.1	14.2	23.4	17.6	23.5	21.7	9.4	9.4

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 '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

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	11.2	13.4	21.1	22.2	23.4	20.1	26.0	20.9	0.0	10.5
G149.0	8.7	14.1	15.6	12.7	25.6	26.0	26.4	23.5	0.0	11.2
G150.0	12.3	15.9	17.8	21.5	19.7	23.8	21.2	20.6	11.2	10.5
G151.0	13.0	20.3	24.0	20.0	22.3	27.4	27.1	29.4	0.0	12.3
G152.0	12.6	16.3	22.1	20.8	24.5	24.5	18.7	24.6	7.6	13.4
G153.0	11.9	13.0	24.7	27.7	16.4	27.4	29.3	24.2	9.8	11.2
G154.0	14.4	21.0	27.2	23.3	28.1	24.1	29.7	27.2	11.2	13.8
G155.0	12.6	19.2	23.6	26.2	24.8	25.6	25.3	25.3	9.4	14.5
G156.0	15.2	18.8	25.4	25.5	28.9	24.5	30.0	28.6	9.8	11.6
G157.0	15.5	18.1	25.4	24.0	27.8	24.9	27.8	33.4	11.2	15.2
G158.0	14.1	18.8	27.6	25.9	28.9	30.0	29.3	30.5	12.3	15.6
G159.0	12.6	21.4	24.0	25.5	31.0	29.6	33.3	29.0	11.9	15.2
G160.0	15.5	19.5	27.2	23.7	27.8	28.5	27.1	31.2	15.9	15.2
G161.0	17.3	25.3	24.7	24.8	30.3	27.1	29.0	30.8	11.2	17.4
G162.0	15.5	23.9	22.1	27.3	30.3	28.2	34.1	30.5	14.8	17.4
G163.0	15.9	19.2	28.7	26.2	32.1	30.4	32.2	31.2	17.3	17.0
G164.0	16.6	25.7	28.7	27.3	32.1	23.4	31.5	37.8	14.4	20.6
G165.0	18.4	23.9	27.6	30.9	27.8	30.0	32.6	31.2	10.1	18.5
G166.0	17.3	21.4	26.1	29.1	30.7	27.4	24.2	32.3	11.9	13.4
G167.0	16.6	22.1	31.6	29.9	32.1	32.2	31.5	32.3	13.0	21.7
G168.0	19.1	27.2	29.0	30.2	34.0	31.1	33.3	30.5	15.2	18.5
G169.0	20.9	22.8	30.5	20.4	31.4	34.4	30.4	30.1	11.2	15.9
G170.0	8.7	22.8	32.7	28.4	36.9	32.6	33.7	34.5	17.0	18.1
G171.0	19.9	23.5	30.5	29.1	37.3	29.3	32.6	37.4	14.8	19.5
G172.0	14.8	24.6	27.2	32.0	35.4	32.6	31.1	30.8	14.4	21.0
G173.0	15.9	26.4	22.9	20.4	31.4	35.1	35.2	31.9	15.9	21.7
G174.0	20.6	25.7	30.9	22.9	30.3	31.5	37.0	33.8	19.1	21.0
G175.0	14.4	25.3	30.5	25.1	32.1	23.4	28.6	30.8	13.4	19.5
G176.0	18.8	24.6	26.1	29.9	30.7	30.7	37.4	35.6	13.0	17.7
G177.0	20.6	27.2	27.2	29.5	32.1	28.2	31.9	33.0	13.4	18.8
G178.0	19.9	24.6	24.7	20.8	26.7	29.3	31.1	34.5	15.5	17.0
G179.0	20.9	22.4	29.0	28.4	31.0	28.5	33.0	29.7	13.0	21.7
G180.0	17.0	0.0	30.5	30.2	33.6	32.6	30.0	25.7	14.8	17.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 '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

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	11246.8	11246.8	11246.8	11246.8	11246.8	11246.8	11246.8			
G1.0	11249.7	11242.1	11247.2	11245.0	11244.6	11242.8	11234.5			
G2.0	11247.2	11243.2	11242.4	11238.0	11241.3	11245.0	11233.1			
G3.0	11250.8	11249.4	11245.0	11242.1	11245.0	11250.1	11237.4			
G4.0	11258.4	11254.5	11247.9	11238.0	11245.0	11251.6	11235.3			
G5.0	11268.6	11257.4	11253.0	11241.7	11246.8	11253.4	11233.4			
G6.0	11283.1	11265.7	11260.7	11243.9	11247.5	11269.6	11239.9			
G7.0	11288.6	11280.7	11264.0	11249.7	11254.9	11278.4	11244.3			
G8.0	11309.3	11291.6	11274.2	11267.3	11265.5	11292.0	11265.2			
G9.0	11326.3	11303.2	11283.3	11276.4	11282.0	11299.3	11279.3			
G10.0	11347.0	11319.6	11300.5	11294.0	11298.5	11309.2	11292.7			
G11.0	11358.3	11334.2	11316.9	11314.5	11322.3	11320.2	11307.5			
G12.0	11380.8	11355.3	11336.3	11327.7	11339.5	11343.7	11324.1			
G13.0	11389.9	11368.0	11350.5	11351.4	11354.9	11356.9	11341.1			
G14.0	11399.7	11381.1	11368.1	11366.1	11379.4	11372.0	11353.0			
G15.0	11405.1	11381.1	11379.0	11382.9	11392.6	11385.2	11368.5			
G16.0	11401.1	11379.7	11388.2	11393.9	11393.0	11393.3	11365.6			
G17.0	11385.2	11371.7	11379.0	11395.3	11394.5	11399.9	11360.6			
G18.0	11376.8	11363.7	11379.8	11392.4	11388.6	11389.2	11351.5			
G19.0	11343.0	11346.9	11361.9	11380.0	11379.8	11375.7	11324.4			
G20.0	11299.1	11314.2	11341.8	11362.8	11360.0	11350.0	11295.6			
G21.0	11241.7	11265.7	11308.2	11322.5	11325.9	11323.5	11255.8			
G22.0	11177.8	11208.9	11259.6	11273.5	11275.8	11278.8	11192.6			
G23.0	11088.1	11136.9	11196.0	11207.7	11222.6	11221.5	11125.1			
G24.0	10989.3	11046.6	11118.6	11129.7	11148.6	11140.7	11044.9			
G25.0	10857.1	10946.8	11022.9	11038.7	11043.1	11039.8	10939.5			
G26.0	10727.5	10826.3	10894.7	10917.2	10930.2	10927.1	10818.5			
G27.0	10580.4	10662.1	10755.9	10781.1	10797.2	10799.7	10681.2			
G28.0	10397.8	10499.0	10586.8	10618.3	10638.6	10639.0	10515.5			
G29.0	10192.2	10299.2	10391.0	10423.0	10455.4	10431.9	10316.1			
G30.0	9944.9	10067.3	10162.7	10204.9	10219.1	10212.8	10112.1			
G31.0	9682.7	9813.5	9904.9	9928.0	9971.8	9964.3	9845.6			
G32.0	9398.0	9530.3	9584.9	9633.1	9688.9	9696.0	9572.5			
G33.0	9067.5	9186.2	9258.4	9307.2	9376.4	9380.7	9239.9			
G34.0	8749.1	8884.4	8930.4	8942.8	9030.9	8983.1	8859.6			
G35.0	8336.9	8489.1	8520.9	8564.9	8683.9	8644.7	8499.6			
G36.0	7952.3	8099.5	8120.6	8117.1	8262.2	8254.5	8095.4			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 °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

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	7555.7	7693.6	7649.4	7699.3	7867.2	7850.7	7668.2			
G38.0	7143.6	7231.3	7219.2	7281.2	7467.1	7434.5	7223.3			
G39.0	6737.9	6825.0	6790.7	6868.5	7073.2	6976.4	6779.1			
G40.0	6311.9	6428.5	6367.1	6466.5	6691.4	6562.7	6356.5			
G41.0	5938.3	6043.0	5983.5	6084.2	6269.7	6149.8	5948.1			
G42.0	5575.8	5680.4	5611.7	5695.3	5907.0	5766.9	5611.9			
G43.0	5223.2	5299.9	5235.9	5356.2	5553.4	5413.5	5253.6			
G44.0	4842.6	4961.0	4907.9	5033.1	5172.0	5042.3	4935.8			
G45.0	4516.2	4639.2	4594.9	4690.3	4814.8	4716.0	4598.8			
G46.0	4200.9	4328.6	4269.4	4389.6	4468.5	4398.5	4272.4			
G47.0	3903.1	4034.1	3979.4	4099.9	4138.8	4092.0	3993.6			
G48.0	3629.0	3734.5	3702.5	3819.3	3841.3	3792.5	3679.0			
G49.0	3354.8	3472.7	3426.1	3563.6	3552.2	3481.6	3411.4			
G50.0	3120.9	3222.3	3170.4	3311.5	3311.1	3232.7	3153.5			
G51.0	2886.0	2974.3	2916.5	3082.1	3067.1	3005.9	2911.2			
G52.0	2668.4	2750.4	2719.3	2857.5	2842.5	2793.3	2680.4			
G53.0	2462.5	2518.9	2534.1	2632.9	2635.5	2562.5	2491.5			
G54.0	2248.3	2334.7	2359.9	2426.9	2441.6	2363.2	2306.3			
G55.0	2066.3	2166.5	2164.5	2229.4	2248.2	2182.6	2145.6			
G56.0	1910.5	2001.6	1990.2	2056.4	2068.3	2018.1	1975.1			
G57.0	1752.6	1823.9	1838.7	1896.1	1877.0	1859.9	1801.8			
G58.0	1604.8	1664.8	1701.7	1738.8	1733.0	1722.3	1650.4			
G59.0	1452.2	1532.3	1577.2	1576.7	1566.7	1584.6	1511.4			
G60.0	1320.1	1403.1	1451.9	1438.8	1434.8	1464.2	1386.1			
G61.0	1211.5	1286.9	1326.6	1321.8	1306.6	1344.9	1257.9			
G62.0	1104.7	1162.1	1228.7	1207.6	1183.1	1225.6	1145.2			
G63.0	1016.5	1058.3	1136.3	1091.6	1086.4	1124.3	1047.3			
G64.0	930.4	965.1	1050.5	993.2	995.1	1028.1	960.3			
G65.0	852.3	883.9	958.8	912.0	914.2	937.5	885.9			
G66.0	778.6	813.3	880.6	833.7	833.5	853.1	805.7			
G67.0	711.4	739.4	807.9	761.7	761.7	771.6	743.6			
G68.0	647.1	676.0	737.4	691.8	696.5	700.0	671.7			
G69.0	589.0	623.3	671.0	633.6	639.0	640.2	613.2			
G70.0	540.0	568.7	615.4	582.4	588.4	584.7	560.9			
G71.0	486.6	512.6	557.7	534.1	535.3	527.8	513.9			
G72.0	442.0	464.9	500.8	482.2	481.8	479.0	475.3			
G73.0	400.9	423.0	451.4	436.1	443.7	436.1	425.4			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 °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

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	363.5	378.6	398.5	393.3	402.3	395.3	383.5			
G75.0	323.9	340.4	361.2	356.3	356.1	350.5	349.2			
G76.0	285.8	300.3	320.7	315.4	310.0	315.3	305.5			
G77.0	252.8	263.6	278.0	270.0	276.6	274.9	268.7			
G78.0	217.9	231.9	235.6	237.8	242.2	237.1	233.3			
G79.0	184.1	193.7	201.6	201.2	205.6	204.8	200.4			
G80.0	150.0	159.5	167.3	173.4	171.8	167.0	161.8			
G81.0	120.2	133.6	136.6	144.9	138.9	142.8	135.1			
G82.0	91.2	102.3	110.3	114.1	109.9	113.8	107.6			
G83.0	61.7	79.7	80.4	83.0	88.3	84.1	72.9			
G84.0	42.1	59.7	55.9	69.5	56.8	63.1	54.5			
G85.0	31.2	39.7	46.8	48.7	45.1	36.0	34.3			
G86.0	14.5	22.9	25.6	27.4	25.6	26.4	14.4			
G87.0	0.0	11.6	14.2	14.3	13.9	12.5	0.0			
G88.0	0.0	0.0	0.0	8.4	0.0	13.6	0.0			
G89.0	0.0	0.0	8.8	0.0	0.0	7.3	0.0			
G90.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0			
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G92.0	0.0	0.0	0.0	0.0	7.3	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	0.0	0.0	0.0	7.7	0.0	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	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	8.0	0.0	0.0	0.0	7.3	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0			
G110.0	0.0	0.0	0.0	8.4	0.0	11.0	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 '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

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0			
G112.0	0.0	8.0	0.0	0.0	0.0	7.7	0.0			
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G114.0	0.0	0.0	0.0	8.8	0.0	7.7	0.0			
G115.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0			
G116.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0			
G117.0	0.0	7.3	0.0	8.0	0.0	0.0	0.0			
G118.0	0.0	0.0	7.3	0.0	0.0	8.4	0.0			
G119.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0			
G120.0	0.0	0.0	0.0	0.0	9.5	9.2	0.0			
G121.0	0.0	0.0	0.0	0.0	7.7	9.5	0.0			
G122.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0			
G123.0	0.0	0.0	8.4	12.1	0.0	8.8	0.0			
G124.0	0.0	0.0	0.0	7.7	12.8	9.9	0.0			
G125.0	0.0	0.0	8.0	0.0	9.9	11.0	0.0			
G126.0	0.0	7.3	0.0	8.4	10.3	11.4	0.0			
G127.0	0.0	0.0	9.1	10.6	11.0	0.0	0.0			
G128.0	0.0	0.0	0.0	8.4	10.6	11.7	0.0			
G129.0	0.0	10.2	0.0	10.6	9.5	12.1	0.0			
G130.0	0.0	10.2	8.0	12.4	8.8	12.1	0.0			
G131.0	0.0	0.0	10.2	12.1	14.3	12.5	0.0			
G132.0	0.0	13.5	9.9	9.5	8.4	14.0	0.0			
G133.0	0.0	8.7	9.1	12.8	11.0	14.7	0.0			
G134.0	7.3	11.3	10.6	11.0	12.1	15.1	0.0			
G135.0	8.7	15.7	10.6	13.5	15.0	12.8	0.0			
G136.0	0.0	15.7	13.1	15.4	15.0	14.0	0.0			
G137.0	9.8	15.3	13.1	13.5	15.4	18.0	0.0			
G138.0	10.5	13.5	16.4	14.6	13.9	16.1	0.0			
G139.0	9.8	15.3	9.9	15.4	9.2	16.9	0.0			
G140.0	10.5	18.6	18.6	15.4	19.4	16.1	0.0			
G141.0	12.0	19.7	16.1	17.2	17.2	18.3	0.0			
G142.0	10.9	16.0	17.5	17.9	13.9	19.5	7.2			
G143.0	12.7	17.5	12.4	18.7	15.8	19.1	0.0			
G144.0	13.1	22.2	13.9	22.0	21.2	22.0	7.6			
G145.0	14.2	17.1	21.2	21.2	20.5	16.1	9.0			
G146.0	14.5	19.7	21.2	19.0	23.8	22.0	0.0			
G147.0	17.8	18.9	13.1	19.4	23.5	22.0	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 '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

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	17.4	20.0	23.0	22.3	23.8	22.8	11.2			
G149.0	18.2	25.1	21.5	22.0	21.2	27.2	8.7			
G150.0	16.3	23.3	23.0	23.0	24.9	25.0	12.3			
G151.0	21.1	25.1	23.4	19.4	24.9	26.8	13.0			
G152.0	19.3	17.5	22.3	23.8	22.3	26.4	12.6			
G153.0	22.5	22.9	21.5	25.6	26.4	25.7	11.9			
G154.0	21.4	25.5	23.4	24.1	30.4	25.3	14.4			
G155.0	17.8	22.9	18.6	23.4	26.0	26.1	12.6			
G156.0	17.1	23.7	24.8	19.4	19.4	28.6	15.2			
G157.0	19.6	26.2	13.5	28.2	26.0	24.6	15.5			
G158.0	22.5	27.3	25.2	28.9	29.0	30.5	14.1			
G159.0	22.1	24.0	28.1	22.7	26.4	33.0	12.6			
G160.0	19.3	27.7	20.8	27.4	32.6	31.6	15.5			
G161.0	22.5	26.6	25.2	23.4	32.6	18.0	17.3			
G162.0	21.4	31.3	28.5	28.5	27.1	30.5	15.5			
G163.0	22.9	30.6	26.7	29.3	26.7	32.3	15.9			
G164.0	18.2	25.1	27.4	28.9	29.3	29.0	16.6			
G165.0	22.1	29.1	28.1	24.1	31.1	28.6	18.4			
G166.0	22.9	30.6	19.7	28.2	30.4	25.0	17.3			
G167.0	26.1	18.9	27.4	31.1	28.6	31.6	16.6			
G168.0	26.9	31.7	32.5	31.8	34.4	33.0	19.1			
G169.0	26.9	14.9	31.0	34.0	33.0	32.3	20.9			
G170.0	26.1	30.2	33.6	35.5	32.2	34.5	8.7			
G171.0	22.9	32.0	28.5	33.3	30.0	26.1	19.9			
G172.0	29.8	29.1	31.4	36.2	31.1	31.9	14.8			
G173.0	27.6	30.2	28.9	33.7	33.3	31.9	15.9			
G174.0	19.3	33.1	22.6	35.1	29.3	36.3	20.6			
G175.0	24.3	27.7	32.5	20.5	34.4	32.3	14.4			
G176.0	27.6	30.6	30.0	34.8	29.3	31.6	18.8			
G177.0	26.5	29.1	33.2	34.4	32.2	31.6	20.6			
G178.0	23.6	31.3	30.3	30.0	33.7	34.9	19.9			
G179.0	22.1	19.3	30.3	31.8	33.3	33.8	20.9			
G180.0	0.0	30.6	30.3	33.7	32.6	30.1	17.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.2 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector: