

Report No.:

Test Time: 2021-10-13 15:01

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 1.626 A

Power Factor: 0.998

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 194.96 W

Photometric Results

CIE Class: Direct

Measurement Flux: 28528.5 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.5, 126.3, 125.5, 125.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 88.6, 88.5, 88.4, 88.9

Luminaire Efficacy Rating (LER): 146.38

Max. Intensity: 14074.8 cd

S/MH(C0/C180): 1.35

Total Rated Lamp Lumens: 28528.5 lm

Efficiency: 100%

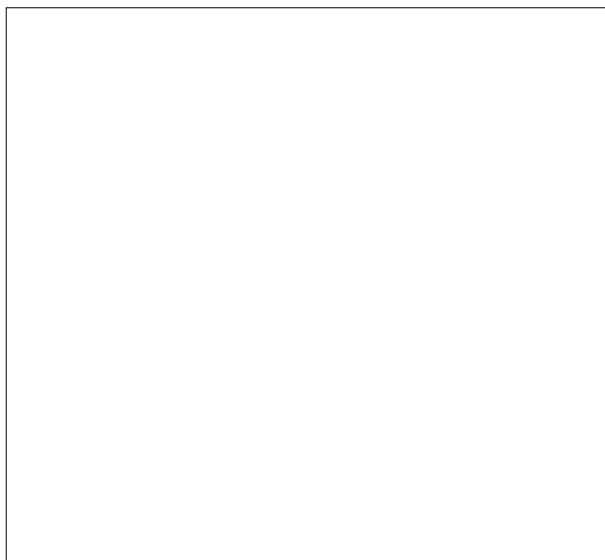
Upward Ratio: 0%

C0r0 Intensity: 14035.03 cd

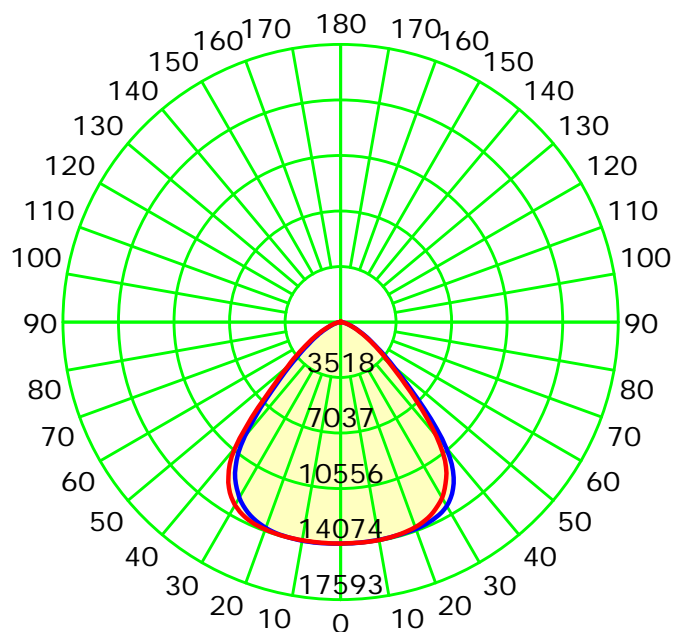
Pos of Max. Intensity: H225 V9

S/MH(C90/C270): 1.35

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 88.5°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0: 1.0

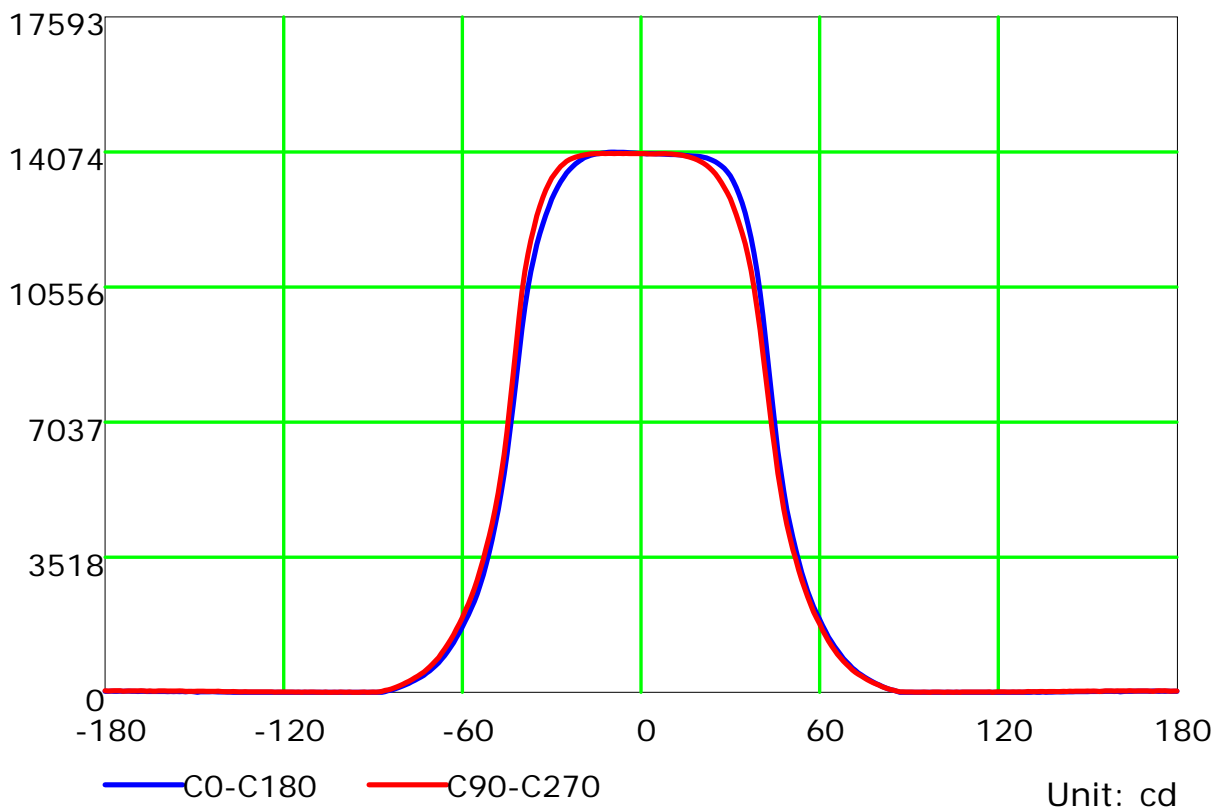
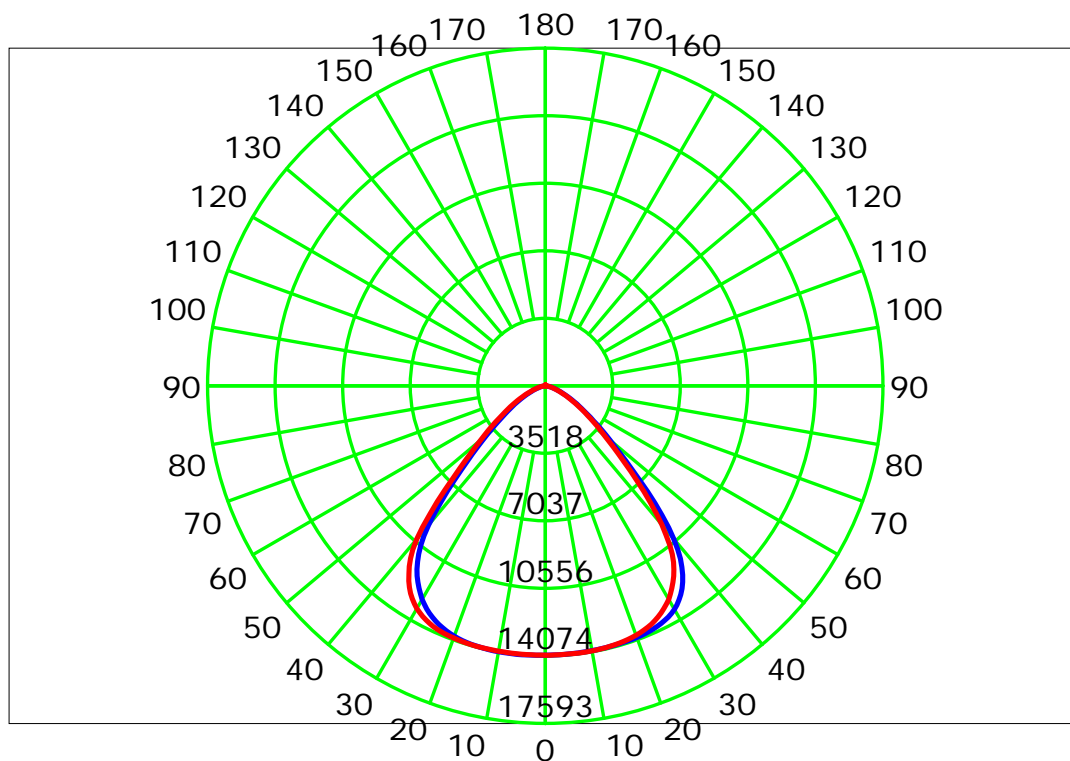
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

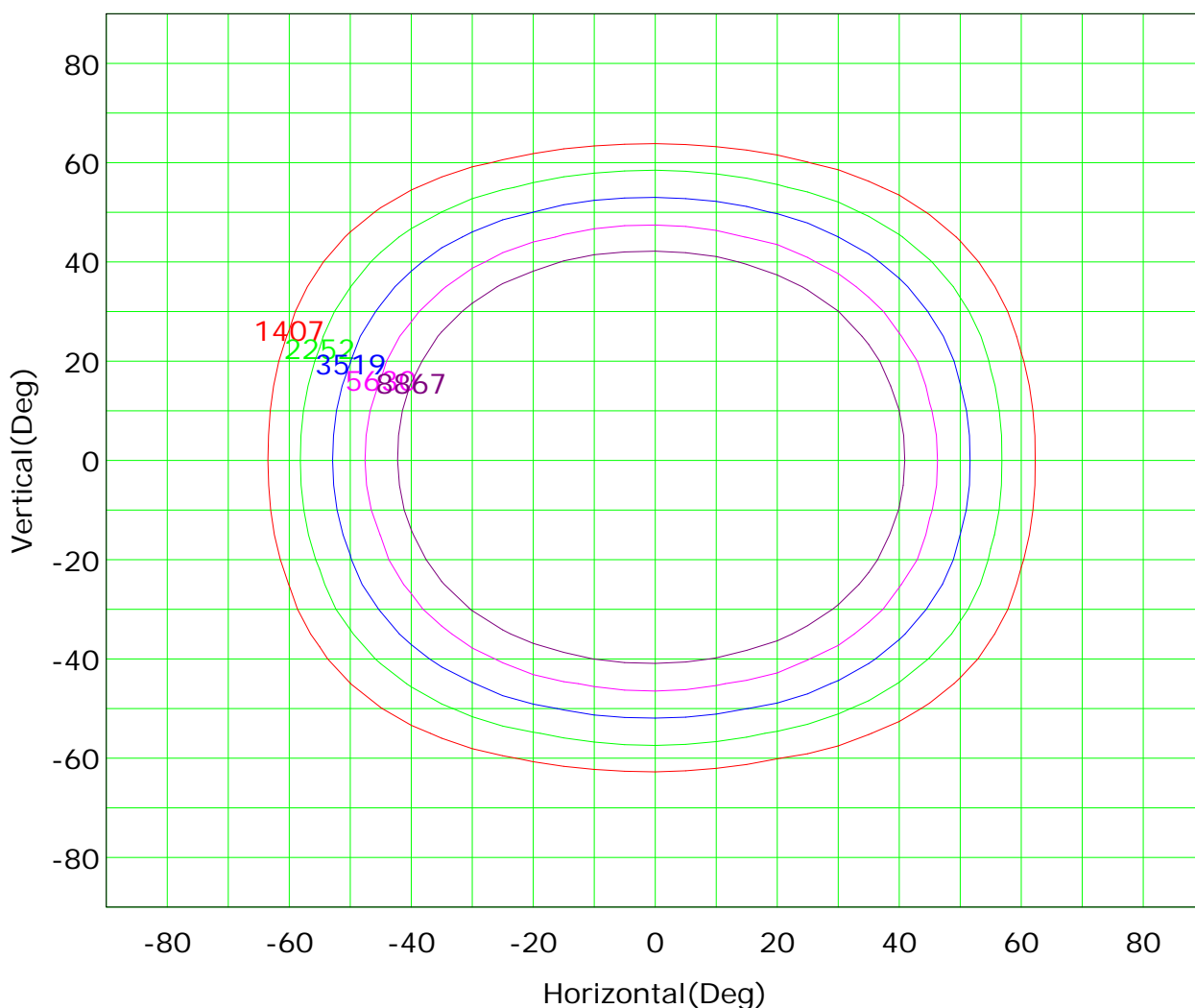
Luminous Intensity Distribution Curve



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

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

Isocandela (rectangle)



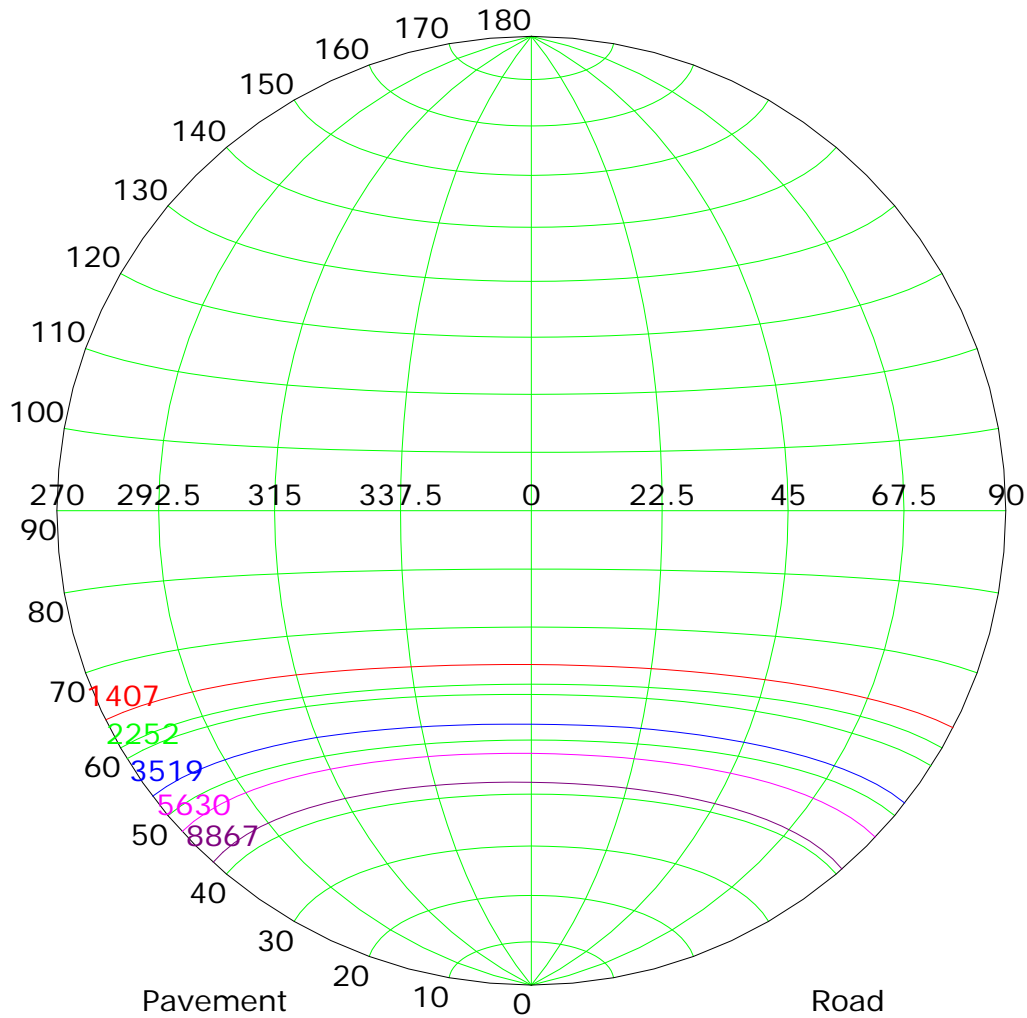
Imax (100%): 14075 cd

(10%): 1407 cd	(16%): 2252 cd
(25%): 3519 cd	(40%): 5630 cd
(63%): 8867 cd	(100%): 14075 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)



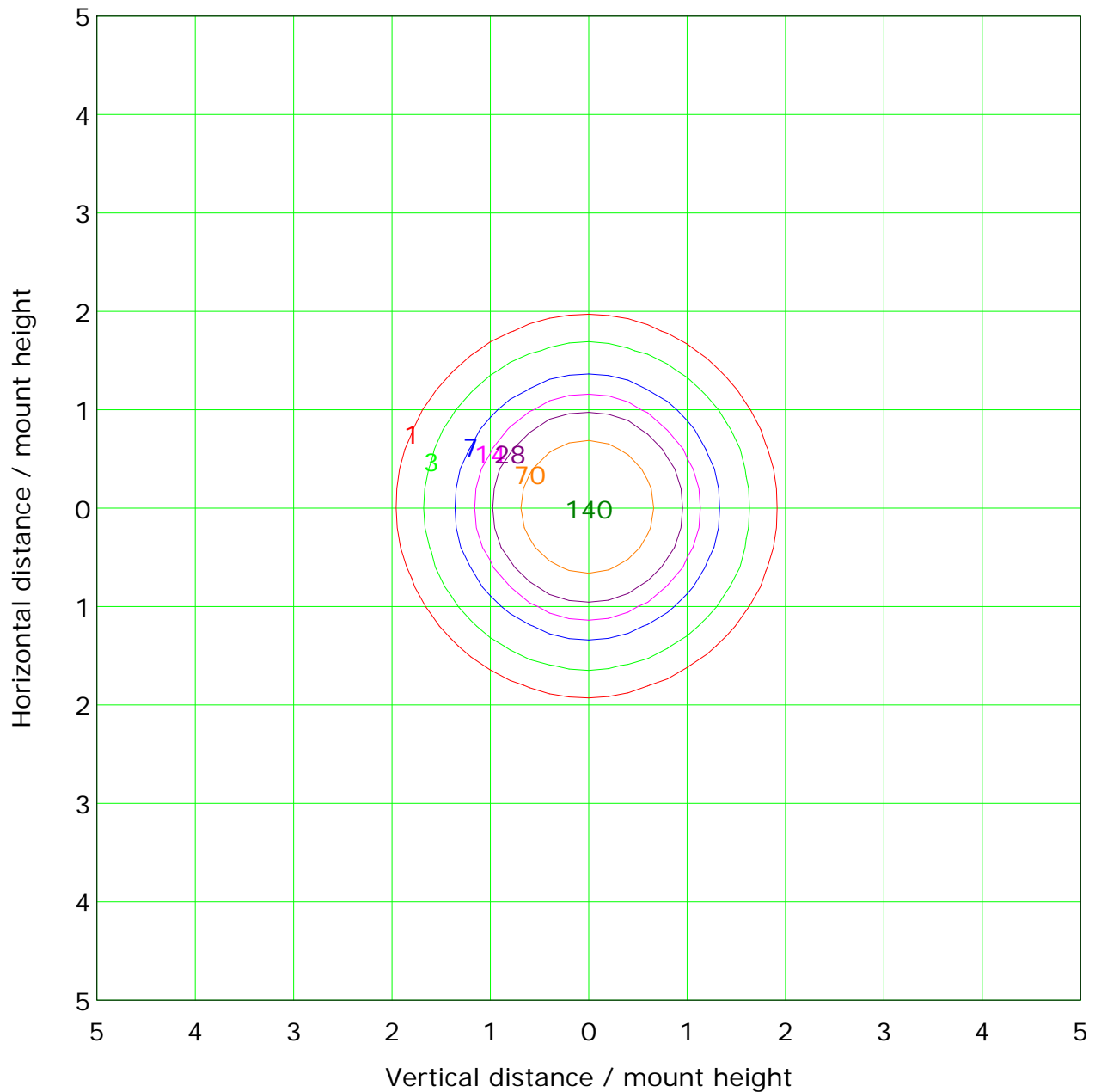
Imax (100%): 14075 cd

(10%): 1407 cd	(16%): 2252 cd
(25%): 3519 cd	(40%): 5630 cd
(63%): 8867 cd	(100%): 14075 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

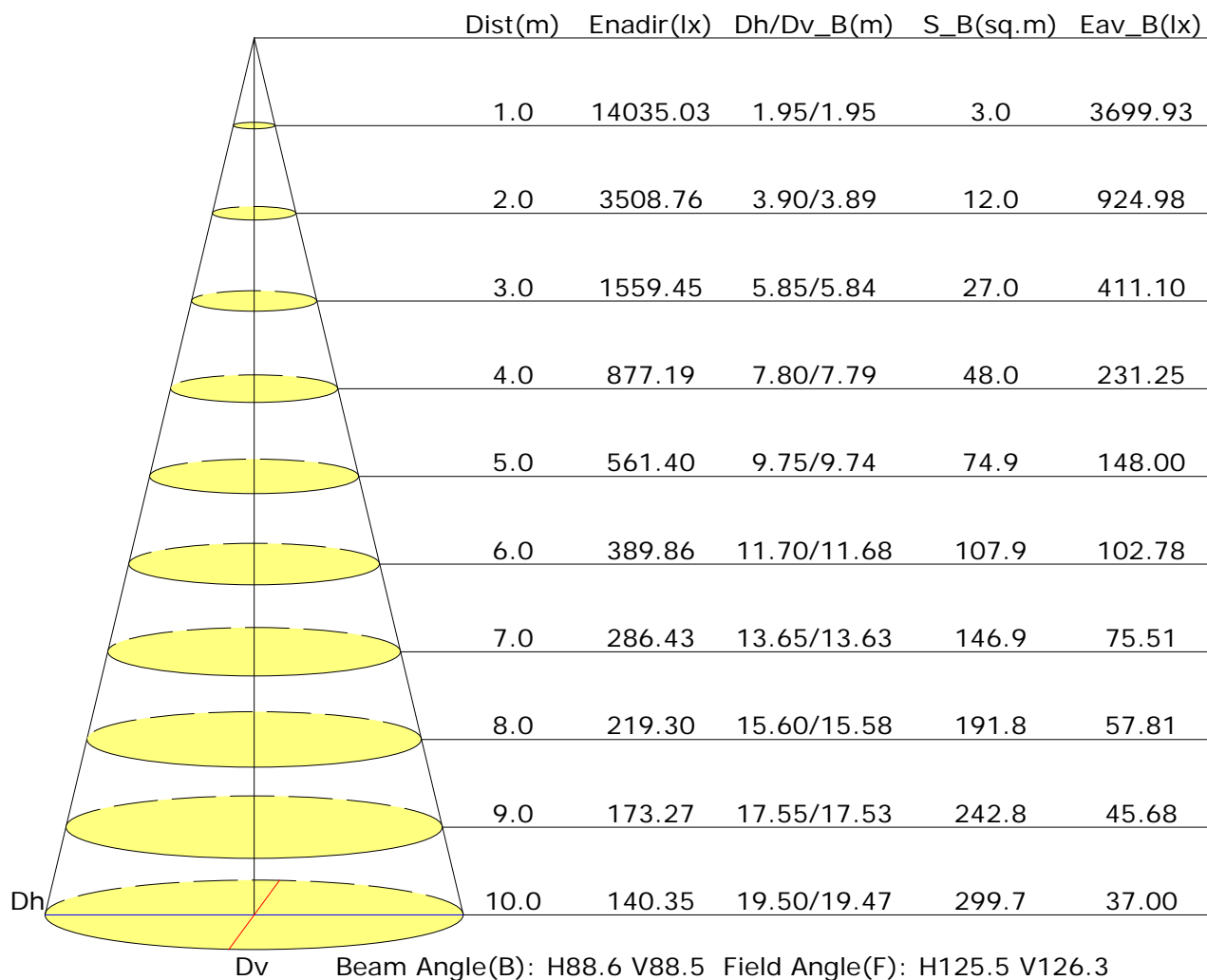


Mounting Height: 10.0m		Max Lux(100%): 140.4 lx	
— (1%):	1.4 lx	— (2%):	2.8 lx
— (5%):	7.0 lx	— (10%):	14.0 lx
— (20%):	28.1 lx	— (50%):	70.2 lx
— (100%):	140.4 lx		

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

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

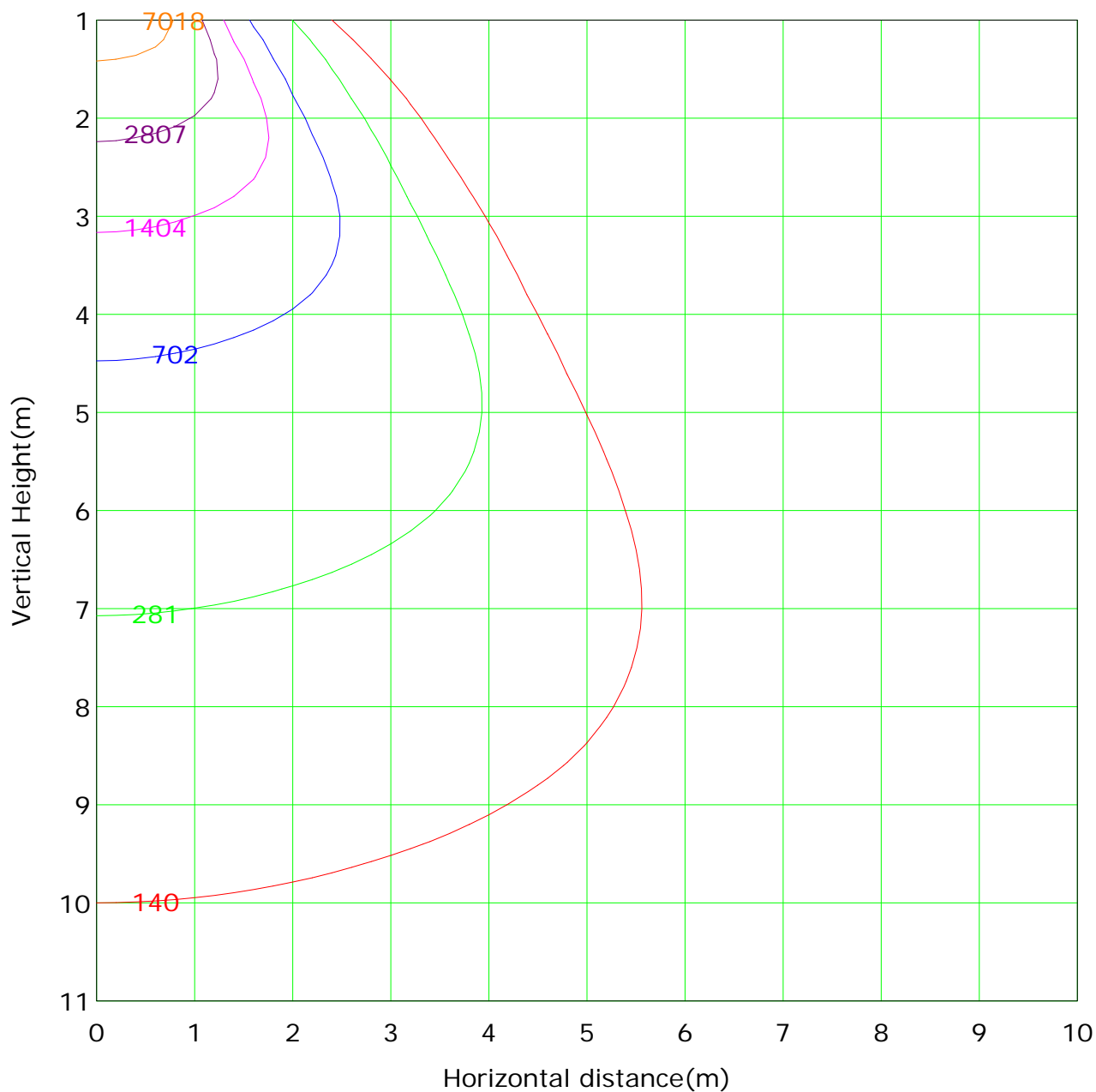
Illuminance at a Distance



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

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

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 14035.0 lx

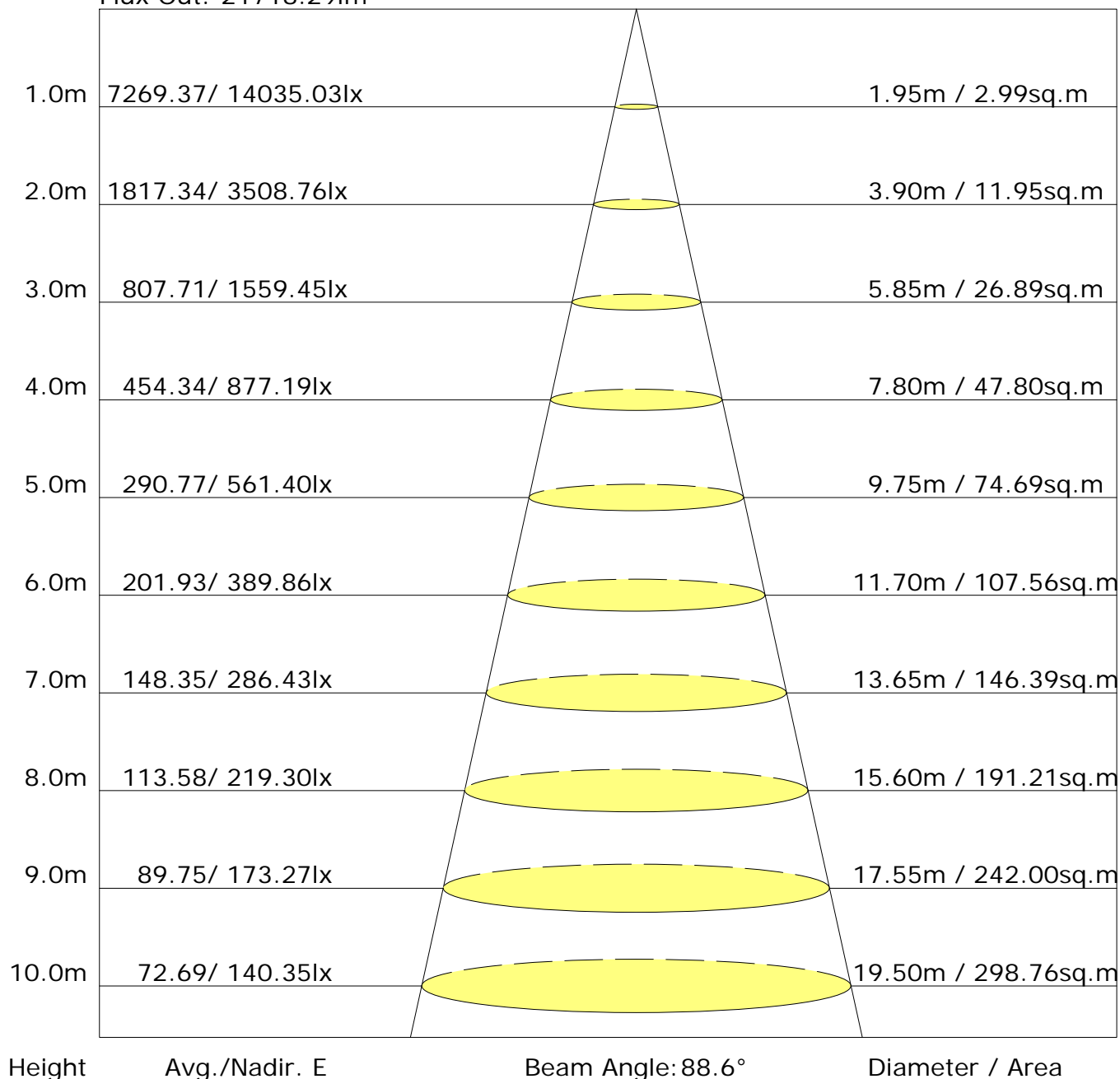
(1%): 140.4 lx	(2%): 280.7 lx
(5%): 701.8 lx	(10%): 1403.5 lx
(20%): 2807.0 lx	(50%): 7017.5 lx
(100%): 14035.0 lx	

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

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

The Average Illuminance Effective Figure

Flux Out: 21718.29lm



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

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

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	14035.1	13.4	13.4	0.05	0.05
1.0-2.0	14035.2	40.3	53.7	0.14	0.19
2.0-3.0	14035.4	67.1	120.9	0.24	0.42
3.0-4.0	14036.0	94.0	214.8	0.33	0.75
4.0-5.0	14036.8	120.8	335.6	0.42	1.18
5.0-6.0	14037.8	147.5	483.1	0.52	1.69
6.0-7.0	14038.8	174.3	657.4	0.61	2.30
7.0-8.0	14039.6	201.0	858.4	0.70	3.01
8.0-9.0	14039.7	227.6	1085.9	0.80	3.81
9.0-10.0	14038.4	254.1	1340.0	0.89	4.70
10.0-11.0	14035.4	280.5	1620.5	0.98	5.68
11.0-12.0	14031.1	306.8	1927.3	1.08	6.76
12.0-13.0	14025.0	332.9	2260.2	1.17	7.92
13.0-14.0	14017.2	358.8	2619.0	1.26	9.18
14.0-15.0	14008.4	384.6	3003.6	1.35	10.53
15.0-16.0	13998.5	410.2	3413.9	1.44	11.97
16.0-17.0	13986.1	435.6	3849.5	1.53	13.49
17.0-18.0	13970.2	460.7	4310.1	1.61	15.11
18.0-19.0	13951.1	485.4	4795.6	1.70	16.81
19.0-20.0	13927.8	509.8	5305.4	1.79	18.60
20.0-21.0	13898.8	533.8	5839.2	1.87	20.47
21.0-22.0	13863.9	557.2	6396.4	1.95	22.42
22.0-23.0	13821.5	580.0	6976.4	2.03	24.45
23.0-24.0	13770.4	602.1	7578.5	2.11	26.56
24.0-25.0	13710.0	623.5	8202.0	2.19	28.75
25.0-26.0	13638.1	643.9	8845.9	2.26	31.01
26.0-27.0	13554.0	663.2	9509.1	2.32	33.33
27.0-28.0	13457.6	681.4	10190.5	2.39	35.72
28.0-29.0	13346.1	698.3	10888.9	2.45	38.17
29.0-30.0	13216.7	713.7	11602.6	2.50	40.67
30.0-31.0	13066.0	727.2	12329.8	2.55	43.22
31.0-32.0	12891.3	738.6	13068.4	2.59	45.81
32.0-33.0	12691.4	747.8	13816.2	2.62	48.43
33.0-34.0	12465.5	754.5	14570.7	2.64	51.07
34.0-35.0	12209.6	758.4	15329.1	2.66	53.73
35.0-36.0	11915.9	758.8	16087.9	2.66	56.39

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	11584.6	755.6	16843.5	2.65	59.04
37.0-38.0	11205.4	748.0	17591.6	2.62	61.66
38.0-39.0	10762.9	734.7	18326.3	2.58	64.24
39.0-40.0	10243.4	714.5	19040.8	2.50	66.74
40.0-41.0	9634.7	686.2	19727.0	2.41	69.15
41.0-42.0	8967.1	651.6	20378.6	2.28	71.43
42.0-43.0	8278.1	613.3	20991.8	2.15	73.58
43.0-44.0	7589.9	572.9	21564.8	2.01	75.59
44.0-45.0	6922.8	532.1	22096.9	1.87	77.46
45.0-46.0	6291.6	492.1	22589.0	1.72	79.18
46.0-47.0	5729.0	455.7	23044.7	1.60	80.78
47.0-48.0	5237.2	423.4	23468.1	1.48	82.26
48.0-49.0	4798.5	394.1	23862.2	1.38	83.64
49.0-50.0	4409.3	367.7	24229.9	1.29	84.93
50.0-51.0	4056.7	343.3	24573.2	1.20	86.14
51.0-52.0	3736.7	320.7	24893.9	1.12	87.26
52.0-53.0	3442.8	299.5	25193.4	1.05	88.31
53.0-54.0	3170.0	279.4	25472.8	0.98	89.29
54.0-55.0	2917.0	260.4	25733.2	0.91	90.20
55.0-56.0	2682.4	242.4	25975.7	0.85	91.05
56.0-57.0	2466.6	225.6	26201.2	0.79	91.84
57.0-58.0	2264.8	209.5	26410.7	0.73	92.58
58.0-59.0	2077.9	194.3	26605.0	0.68	93.26
59.0-60.0	1904.7	180.0	26784.9	0.63	93.89
60.0-61.0	1742.3	166.3	26951.2	0.58	94.47
61.0-62.0	1592.5	153.5	27104.7	0.54	95.01
62.0-63.0	1454.2	141.4	27246.1	0.50	95.51
63.0-64.0	1325.8	130.1	27376.3	0.46	95.96
64.0-65.0	1206.6	119.4	27495.7	0.42	96.38
65.0-66.0	1095.8	109.3	27605.0	0.38	96.76
66.0-67.0	993.8	99.9	27705.0	0.35	97.11
67.0-68.0	898.5	91.0	27796.0	0.32	97.43
68.0-69.0	809.4	82.6	27878.6	0.29	97.72
69.0-70.0	728.0	74.8	27953.4	0.26	97.98
70.0-71.0	653.7	67.6	28020.9	0.24	98.22
71.0-72.0	586.4	61.0	28081.9	0.21	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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	525.5	55.0	28136.9	0.19	98.63
73.0-74.0	469.7	49.4	28186.3	0.17	98.80
74.0-75.0	418.2	44.2	28230.5	0.15	98.96
75.0-76.0	371.0	39.4	28269.8	0.14	99.09
76.0-77.0	328.1	35.0	28304.8	0.12	99.22
77.0-78.0	286.9	30.7	28335.5	0.11	99.32
78.0-79.0	248.0	26.6	28362.2	0.09	99.42
79.0-80.0	212.2	22.9	28385.1	0.08	99.50
80.0-81.0	177.4	19.2	28404.3	0.07	99.56
81.0-82.0	143.7	15.6	28419.8	0.05	99.62
82.0-83.0	113.1	12.3	28432.1	0.04	99.66
83.0-84.0	85.8	9.3	28441.5	0.03	99.70
84.0-85.0	61.9	6.8	28448.2	0.02	99.72
85.0-86.0	40.9	4.5	28452.7	0.02	99.73
86.0-87.0	22.8	2.5	28455.2	0.01	99.74
87.0-88.0	11.3	1.2	28456.5	0.00	99.75
88.0-89.0	5.9	0.6	28457.1	0.00	99.75
89.0-90.0	4.5	0.5	28457.6	0.00	99.75
90.0-91.0	4.6	0.5	28458.1	0.00	99.75
91.0-92.0	3.6	0.4	28458.5	0.00	99.75
92.0-93.0	3.0	0.3	28458.8	0.00	99.76
93.0-94.0	3.7	0.4	28459.2	0.00	99.76
94.0-95.0	3.0	0.3	28459.6	0.00	99.76
95.0-96.0	1.7	0.2	28459.8	0.00	99.76
96.0-97.0	1.5	0.2	28459.9	0.00	99.76
97.0-98.0	2.1	0.2	28460.1	0.00	99.76
98.0-99.0	2.6	0.3	28460.4	0.00	99.76
99.0-100.0	2.2	0.2	28460.7	0.00	99.76
100.0-101.0	2.7	0.3	28461.0	0.00	99.76
101.0-102.0	2.9	0.3	28461.3	0.00	99.76
102.0-103.0	2.7	0.3	28461.6	0.00	99.77
103.0-104.0	2.5	0.3	28461.8	0.00	99.77
104.0-105.0	1.8	0.2	28462.0	0.00	99.77
105.0-106.0	3.3	0.4	28462.4	0.00	99.77
106.0-107.0	3.3	0.3	28462.7	0.00	99.77
107.0-108.0	2.5	0.3	28463.0	0.00	99.77

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

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

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	3.3	0.3	28463.3	0.00	99.77
109.0-110.0	3.0	0.3	28463.6	0.00	99.77
110.0-111.0	3.0	0.3	28463.9	0.00	99.77
111.0-112.0	3.3	0.3	28464.3	0.00	99.77
112.0-113.0	3.1	0.3	28464.6	0.00	99.78
113.0-114.0	3.1	0.3	28464.9	0.00	99.78
114.0-115.0	4.0	0.4	28465.3	0.00	99.78
115.0-116.0	4.6	0.5	28465.7	0.00	99.78
116.0-117.0	4.7	0.5	28466.2	0.00	99.78
117.0-118.0	5.5	0.5	28466.7	0.00	99.78
118.0-119.0	5.7	0.5	28467.3	0.00	99.79
119.0-120.0	5.6	0.5	28467.8	0.00	99.79
120.0-121.0	5.8	0.6	28468.4	0.00	99.79
121.0-122.0	6.5	0.6	28469.0	0.00	99.79
122.0-123.0	7.2	0.7	28469.6	0.00	99.79
123.0-124.0	7.7	0.7	28470.3	0.00	99.80
124.0-125.0	7.7	0.7	28471.0	0.00	99.80
125.0-126.0	7.9	0.7	28471.7	0.00	99.80
126.0-127.0	8.5	0.8	28472.5	0.00	99.80
127.0-128.0	9.1	0.8	28473.3	0.00	99.81
128.0-129.0	10.2	0.9	28474.2	0.00	99.81
129.0-130.0	11.3	1.0	28475.1	0.00	99.81
130.0-131.0	11.8	1.0	28476.1	0.00	99.82
131.0-132.0	12.0	1.0	28477.1	0.00	99.82
132.0-133.0	12.1	1.0	28478.1	0.00	99.82
133.0-134.0	13.0	1.0	28479.1	0.00	99.83
134.0-135.0	14.1	1.1	28480.2	0.00	99.83
135.0-136.0	14.3	1.1	28481.3	0.00	99.83
136.0-137.0	15.2	1.1	28482.4	0.00	99.84
137.0-138.0	16.7	1.2	28483.7	0.00	99.84
138.0-139.0	18.2	1.3	28485.0	0.00	99.85
139.0-140.0	19.0	1.4	28486.4	0.00	99.85
140.0-141.0	19.6	1.4	28487.7	0.00	99.86
141.0-142.0	20.9	1.4	28489.2	0.00	99.86
142.0-143.0	21.6	1.4	28490.6	0.01	99.87
143.0-144.0	22.6	1.5	28492.1	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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	23.7	1.5	28493.6	0.01	99.88
145.0-146.0	24.3	1.5	28495.1	0.01	99.88
146.0-147.0	24.8	1.5	28496.6	0.01	99.89
147.0-148.0	25.5	1.5	28498.1	0.01	99.89
148.0-149.0	25.6	1.5	28499.6	0.01	99.90
149.0-150.0	26.1	1.5	28501.0	0.01	99.90
150.0-151.0	27.6	1.5	28502.5	0.01	99.91
151.0-152.0	28.3	1.5	28504.0	0.01	99.91
152.0-153.0	29.2	1.5	28505.5	0.01	99.92
153.0-154.0	30.2	1.5	28506.9	0.01	99.92
154.0-155.0	30.6	1.4	28508.4	0.01	99.93
155.0-156.0	30.8	1.4	28509.8	0.00	99.93
156.0-157.0	32.0	1.4	28511.2	0.00	99.94
157.0-158.0	33.5	1.4	28512.6	0.00	99.94
158.0-159.0	33.9	1.4	28514.0	0.00	99.95
159.0-160.0	33.6	1.3	28515.3	0.00	99.95
160.0-161.0	32.9	1.2	28516.5	0.00	99.96
161.0-162.0	32.7	1.1	28517.6	0.00	99.96
162.0-163.0	33.3	1.1	28518.7	0.00	99.97
163.0-164.0	33.2	1.0	28519.7	0.00	99.97
164.0-165.0	33.9	1.0	28520.7	0.00	99.97
165.0-166.0	35.2	1.0	28521.7	0.00	99.98
166.0-167.0	35.0	0.9	28522.6	0.00	99.98
167.0-168.0	35.1	0.8	28523.4	0.00	99.98
168.0-169.0	36.3	0.8	28524.2	0.00	99.99
169.0-170.0	37.5	0.7	28525.0	0.00	99.99
170.0-171.0	36.8	0.7	28525.6	0.00	99.99
171.0-172.0	36.1	0.6	28526.2	0.00	99.99
172.0-173.0	37.7	0.5	28526.8	0.00	99.99
173.0-174.0	38.0	0.5	28527.2	0.00	100.00
174.0-175.0	37.3	0.4	28527.6	0.00	100.00
175.0-176.0	37.1	0.3	28527.9	0.00	100.00
176.0-177.0	36.7	0.2	28528.2	0.00	100.00
177.0-178.0	35.3	0.2	28528.3	0.00	100.00
178.0-179.0	34.0	0.1	28528.4	0.00	100.00
179.0-180.0	34.3	0.0	28528.5	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°): 22096.88 lm

%lum = 77.5%

%lamp = 77.5%

cone flux(120°): 26784.94 lm

%lum = 93.9%

%lamp = 93.9%

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	14035.0	14035.0	14035.0	14035.0	14035.0	14035.0	14035.0	14035.0	14035.0	14035.0
G1.0	14033.3	14033.0	14030.2	14031.9	14035.7	14038.9	14032.2	14037.5	14039.8	14037.4
G2.0	14028.5	14030.9	14027.8	14027.7	14030.9	14039.9	14032.6	14041.3	14048.1	14035.7
G3.0	14033.7	14026.4	14025.0	14026.4	14027.4	14038.2	14034.0	14040.6	14051.5	14041.6
G4.0	14030.9	14024.0	14020.2	14025.3	14027.4	14040.6	14035.4	14043.1	14056.7	14045.0
G5.0	14027.8	14019.9	14014.3	14025.3	14027.7	14042.0	14036.8	14044.5	14065.6	14049.1
G6.0	14025.1	14021.6	14010.8	14026.4	14031.2	14044.8	14041.3	14042.4	14070.0	14053.3
G7.0	14022.0	14021.9	14009.8	14027.4	14031.9	14047.6	14039.6	14048.0	14069.4	14058.5
G8.0	14018.2	14020.9	14007.0	14023.2	14033.6	14047.9	14044.5	14049.0	14069.4	14067.1
G9.0	14014.4	14021.6	14003.9	14023.2	14028.8	14047.6	14045.5	14046.9	14070.7	14069.8
G10.0	14011.0	14015.7	14001.8	14017.3	14028.1	14043.4	14036.4	14044.5	14071.1	14070.5
G11.0	14008.6	14013.7	14002.5	14011.5	14020.4	14037.1	14028.4	14034.3	14068.0	14068.1
G12.0	14005.5	14009.5	13999.1	14010.1	14011.0	14023.5	14017.9	14022.8	14057.3	14066.0
G13.0	14001.4	14005.0	13992.5	14005.9	14000.9	14008.5	14001.5	14001.5	14048.8	14056.0
G14.0	13992.1	13997.1	13982.8	13994.8	13989.8	13989.4	13981.2	13983.0	14036.7	14048.8
G15.0	13985.9	13988.2	13973.1	13980.9	13968.9	13970.2	13959.6	13963.1	14025.1	14044.0
G16.0	13979.1	13982.6	13960.0	13964.3	13953.6	13949.6	13935.5	13940.4	14011.3	14031.6
G17.0	13973.6	13972.6	13945.5	13939.0	13928.2	13925.5	13910.7	13914.2	13989.7	14014.0
G18.0	13966.7	13965.4	13934.1	13914.7	13900.0	13891.0	13876.1	13879.2	13959.5	13992.6
G19.0	13963.3	13952.0	13917.1	13888.7	13867.3	13856.5	13837.6	13844.7	13929.6	13966.1
G20.0	13955.7	13938.9	13895.0	13860.2	13827.0	13812.9	13791.5	13803.4	13880.5	13931.0
G21.0	13941.3	13923.4	13865.2	13819.3	13786.3	13766.2	13740.2	13751.4	13826.6	13884.8
G22.0	13920.7	13899.2	13832.7	13773.5	13729.2	13711.1	13676.9	13684.3	13769.0	13838.9
G23.0	13893.9	13866.5	13787.8	13718.1	13668.3	13632.3	13599.7	13615.9	13698.9	13779.0
G24.0	13861.3	13824.8	13735.9	13652.2	13594.9	13547.2	13514.8	13533.4	13619.6	13707.6
G25.0	13822.9	13772.1	13668.5	13571.4	13505.2	13456.2	13425.7	13443.6	13529.3	13613.9
G26.0	13772.8	13711.1	13594.8	13470.8	13399.8	13349.8	13327.2	13342.3	13419.8	13515.7
G27.0	13714.4	13634.9	13500.8	13367.4	13280.4	13237.2	13213.7	13225.3	13300.7	13408.5
G28.0	13651.6	13549.4	13398.4	13250.5	13152.1	13108.5	13090.0	13098.2	13167.2	13285.8
G29.0	13559.9	13442.6	13275.7	13120.1	13012.9	12966.3	12943.6	12957.4	13013.0	13144.2
G30.0	13455.9	13319.9	13127.0	12968.9	12858.8	12797.2	12763.7	12796.7	12845.5	12972.9
G31.0	13319.9	13160.7	12969.7	12789.3	12659.8	12611.3	12587.9	12603.9	12639.2	12795.1
G32.0	13151.0	12985.0	12783.6	12589.2	12441.3	12389.2	12375.9	12401.6	12429.8	12595.2
G33.0	12965.7	12784.1	12566.1	12346.4	12212.4	12144.7	12135.1	12175.6	12200.1	12370.2
G34.0	12744.9	12550.7	12320.6	12080.8	11961.9	11911.1	11872.4	11925.9	11951.9	12120.3
G35.0	12483.0	12261.6	12045.4	11793.3	11686.0	11615.8	11583.5	11627.9	11669.0	11843.6
G36.0	12180.5	11959.4	11711.0	11457.9	11363.8	11265.7	11262.1	11324.7	11321.6	11514.1

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	11830.4	11604.8	11367.0	11108.3	10987.8	10899.2	10898.7	10985.2	10965.6	11172.3
G38.0	11436.6	11191.2	10963.1	10697.3	10541.1	10476.6	10475.3	10534.6	10549.2	10777.7
G39.0	10967.0	10751.5	10461.0	10204.5	10002.5	9977.6	9983.0	10025.6	10048.7	10286.6
G40.0	10411.9	10184.9	9874.9	9629.2	9444.8	9364.9	9420.5	9448.2	9460.9	9688.3
G41.0	9807.0	9508.4	9198.9	8961.9	8809.2	8765.9	8757.7	8844.6	8804.9	8973.2
G42.0	9087.4	8799.5	8577.9	8356.0	8162.5	8112.1	8160.0	8239.2	8101.1	8312.3
G43.0	8388.8	8103.8	7901.2	7648.5	7535.5	7517.2	7570.6	7618.5	7465.3	7638.9
G44.0	7659.6	7421.1	7249.4	7009.0	6871.4	6864.8	6978.0	6997.4	6840.2	6979.3
G45.0	6944.9	6790.8	6600.7	6402.1	6300.8	6262.2	6356.9	6401.2	6205.8	6300.4
G46.0	6276.2	6126.7	5982.8	5841.3	5706.6	5694.2	5740.9	5782.9	5678.5	5746.2
G47.0	5744.7	5555.3	5444.0	5383.5	5230.7	5237.1	5253.2	5279.5	5192.0	5273.7
G48.0	5234.6	5105.9	4980.3	4890.4	4772.2	4791.1	4790.3	4836.2	4753.3	4856.1
G49.0	4760.2	4672.4	4576.5	4504.7	4370.7	4393.9	4412.6	4436.6	4362.3	4474.6
G50.0	4392.8	4311.2	4197.5	4144.4	4036.3	4040.3	4061.5	4070.2	3980.2	4094.8
G51.0	4046.8	3973.1	3853.4	3800.3	3729.1	3700.7	3731.0	3737.6	3652.3	3779.1
G52.0	3717.6	3669.2	3534.9	3470.5	3464.7	3420.0	3426.7	3451.9	3346.8	3497.2
G53.0	3419.9	3403.1	3273.5	3192.4	3188.9	3155.4	3152.4	3176.3	3062.9	3222.9
G54.0	3121.6	3136.4	3037.7	2908.0	2930.4	2907.1	2923.2	2913.6	2811.6	2975.1
G55.0	2871.3	2897.6	2784.6	2673.9	2704.6	2656.4	2678.3	2688.3	2567.2	2724.9
G56.0	2632.4	2663.9	2580.9	2458.5	2489.9	2439.1	2457.1	2473.1	2369.4	2507.8
G57.0	2424.4	2436.8	2350.3	2277.2	2287.4	2241.4	2245.1	2274.0	2193.3	2314.5
G58.0	2228.7	2227.6	2157.0	2082.9	2096.1	2048.6	2053.6	2087.5	2024.1	2116.3
G59.0	2060.5	2020.5	1978.2	1929.3	1935.4	1852.3	1880.3	1917.7	1870.6	1920.9
G60.0	1898.4	1853.0	1795.3	1767.7	1784.7	1694.0	1705.3	1766.5	1706.2	1757.6
G61.0	1742.2	1682.4	1642.5	1623.4	1617.0	1552.1	1565.2	1605.8	1565.4	1608.3
G62.0	1589.1	1534.9	1495.5	1483.0	1479.6	1417.8	1428.2	1464.7	1432.6	1471.2
G63.0	1441.2	1411.2	1373.1	1345.6	1342.2	1301.7	1304.6	1327.7	1294.9	1332.0
G64.0	1319.6	1276.8	1246.9	1223.2	1216.6	1182.4	1189.3	1209.7	1175.8	1210.0
G65.0	1193.0	1171.7	1131.4	1106.7	1103.2	1077.5	1094.2	1096.5	1061.5	1101.4
G66.0	1093.4	1067.3	1030.8	1000.5	993.6	985.4	987.3	990.3	957.5	995.6
G67.0	987.0	968.0	935.7	905.9	904.2	894.4	899.3	892.1	864.4	901.2
G68.0	882.3	871.9	852.4	817.4	814.4	802.4	812.3	810.4	772.8	805.4
G69.0	797.1	785.7	763.1	728.0	734.1	726.0	728.1	724.5	697.2	729.9
G70.0	717.5	702.3	680.5	654.4	658.9	650.0	658.2	652.9	628.2	653.4
G71.0	637.2	629.6	611.3	588.5	585.2	581.6	593.2	582.3	560.6	589.0
G72.0	573.7	568.3	555.7	531.0	524.3	520.3	529.3	521.5	506.7	518.7
G73.0	507.4	513.1	497.6	473.4	473.1	470.4	476.5	467.7	445.6	467.3

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 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	455.6	454.2	438.8	426.2	425.8	422.6	424.8	418.1	398.6	417.7
G75.0	402.7	401.8	392.1	375.9	377.8	374.5	376.3	368.2	356.3	373.6
G76.0	357.4	355.3	344.4	330.9	332.9	332.7	333.7	329.7	316.2	329.8
G77.0	311.0	311.9	303.6	294.8	291.2	294.0	294.2	288.2	279.1	288.8
G78.0	268.8	266.7	264.2	257.0	253.3	252.5	257.8	254.3	236.2	253.3
G79.0	228.6	232.6	228.2	223.3	217.4	217.6	220.1	220.1	203.2	218.8
G80.0	192.6	197.1	191.2	186.6	185.1	187.2	187.6	187.9	169.9	179.5
G81.0	157.2	151.6	158.0	152.9	149.2	153.1	158.3	153.4	138.0	149.9
G82.0	122.6	120.3	123.8	119.3	119.0	126.2	123.3	119.8	109.5	117.9
G83.0	92.3	91.0	93.7	93.3	92.2	96.2	93.3	97.8	79.6	94.8
G84.0	70.0	64.4	62.6	69.4	68.5	64.2	72.7	72.0	56.6	66.9
G85.0	50.5	45.5	43.9	54.1	53.2	50.9	49.3	46.8	41.9	35.5
G86.0	26.1	20.7	24.6	16.3	32.0	27.6	31.8	32.5	18.9	18.6
G87.0	0.0	11.0	12.8	10.1	16.0	16.0	19.6	14.0	0.0	8.3
G88.0	0.0	0.0	6.9	9.4	16.3	8.0	8.7	9.8	0.0	0.0
G89.0	0.0	0.0	0.0	0.0	11.5	10.5	12.6	0.0	0.0	0.0
G90.0	0.0	0.0	8.6	7.6	8.7	9.4	8.0	10.1	0.0	0.0
G91.0	0.0	0.0	0.0	7.6	11.8	8.4	9.8	9.8	0.0	0.0
G92.0	0.0	0.0	0.0	7.6	7.0	0.0	9.4	7.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	8.0	9.1	10.1	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	8.0	8.0	12.2	8.4	0.0	0.0
G95.0	0.0	0.0	7.3	0.0	8.3	0.0	7.3	0.0	0.0	0.0
G96.0	0.0	0.0	7.6	0.0	7.3	0.0	10.1	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	9.1	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	8.3	7.0	9.4	0.0	0.0	0.0
G99.0	0.0	0.0	8.3	0.0	9.0	0.0	8.7	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	10.1	0.0	9.4	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	7.7	8.4	7.3	7.7	0.0	0.0
G102.0	0.0	0.0	0.0	8.3	0.0	0.0	9.8	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	6.9	8.3	8.7	8.7	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	7.7	0.0	8.4	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	7.7	0.0	0.0
G106.0	0.0	0.0	0.0	8.7	9.7	0.0	10.5	8.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	11.1	9.1	0.0	7.0	0.0	0.0
G109.0	0.0	0.0	0.0	7.6	9.7	7.3	9.1	7.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	11.5	0.0	7.7	7.0	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 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	10.4	9.0	7.3	8.4	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	6.9	8.3	7.7	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	11.1	7.3	0.0	12.6	0.0	0.0
G114.0	0.0	0.0	6.9	9.4	11.5	0.0	9.8	7.7	0.0	0.0
G115.0	0.0	0.0	7.3	7.6	10.1	8.7	10.1	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	9.7	8.3	8.7	7.3	7.0	0.0	0.0
G117.0	0.0	0.0	0.0	6.9	13.6	11.5	12.6	10.1	0.0	0.0
G118.0	0.0	0.0	8.0	10.4	0.0	8.7	7.3	11.2	0.0	0.0
G119.0	0.0	0.0	0.0	9.4	8.7	8.4	11.5	8.0	0.0	0.0
G120.0	0.0	0.0	10.0	10.1	13.2	9.8	8.0	10.1	0.0	0.0
G121.0	0.0	0.0	8.0	9.0	14.3	9.1	0.0	9.4	0.0	0.0
G122.0	0.0	0.0	8.3	12.1	12.9	8.7	8.7	9.4	0.0	0.0
G123.0	0.0	0.0	11.4	9.0	12.2	12.9	11.2	8.7	0.0	0.0
G124.0	0.0	0.0	10.4	11.8	10.4	8.7	9.8	11.2	0.0	0.0
G125.0	0.0	0.0	10.0	8.7	12.9	15.7	13.3	10.5	0.0	0.0
G126.0	0.0	9.0	8.3	9.0	11.1	10.8	11.9	10.5	0.0	0.0
G127.0	0.0	0.0	9.7	12.1	13.9	10.8	12.6	13.3	0.0	0.0
G128.0	0.0	0.0	10.4	14.2	10.8	11.2	11.9	12.6	0.0	0.0
G129.0	0.0	7.9	12.1	14.9	14.6	14.6	15.7	14.7	0.0	0.0
G130.0	0.0	10.3	9.0	14.6	21.9	16.4	14.7	15.4	0.0	0.0
G131.0	0.0	11.7	13.8	16.3	17.1	15.7	16.8	11.9	0.0	7.2
G132.0	8.9	12.4	11.8	14.2	18.4	16.0	15.7	12.6	0.0	0.0
G133.0	0.0	13.8	14.2	16.3	19.5	15.7	17.1	14.7	0.0	0.0
G134.0	0.0	10.7	12.4	16.0	22.3	16.4	18.9	19.9	0.0	7.9
G135.0	10.0	13.1	14.2	16.3	22.3	15.7	19.6	19.9	0.0	0.0
G136.0	0.0	13.1	11.8	18.0	18.4	18.1	14.0	16.1	0.0	12.1
G137.0	8.2	16.9	19.0	13.2	24.0	12.9	19.6	22.0	0.0	9.6
G138.0	7.9	20.3	17.6	17.3	21.2	23.7	23.1	20.3	6.9	10.7
G139.0	10.0	20.7	18.3	23.6	23.0	21.6	22.7	21.3	6.9	12.4
G140.0	13.4	16.5	24.9	20.1	20.5	22.0	23.8	23.1	10.3	10.0
G141.0	11.3	20.3	16.6	22.2	24.7	24.4	25.2	24.1	11.7	11.4
G142.0	12.0	19.3	23.9	23.2	27.5	26.2	25.2	26.5	12.0	13.4
G143.0	15.1	20.0	19.7	26.7	22.3	24.8	25.9	26.5	12.7	14.5
G144.0	12.7	21.0	24.2	27.7	29.2	25.5	29.3	23.4	17.5	14.5
G145.0	14.8	19.6	25.6	25.3	27.8	27.6	29.7	26.5	12.7	12.1
G146.0	19.2	24.1	26.6	25.3	29.9	26.5	27.9	21.7	14.8	13.8
G147.0	19.2	22.1	27.0	29.1	31.3	29.6	27.3	23.4	15.8	18.6

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 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	19.6	24.5	29.4	28.4	29.2	27.6	30.0	27.6	16.1	20.3
G149.0	18.2	22.4	32.5	25.3	33.0	31.7	32.5	31.1	0.0	18.6
G150.0	18.5	26.5	27.7	31.6	33.4	35.6	24.5	25.1	15.1	22.7
G151.0	22.7	24.1	34.2	32.6	32.7	34.5	29.0	31.8	22.0	16.5
G152.0	22.0	25.5	33.2	29.8	37.2	38.0	33.9	21.0	22.0	21.7
G153.0	22.0	27.9	31.5	34.7	31.7	33.8	33.5	32.5	12.7	24.1
G154.0	22.3	30.0	35.3	34.0	24.7	26.5	38.1	37.0	21.6	20.0
G155.0	23.0	25.5	31.8	31.9	30.6	38.4	34.2	33.9	18.5	25.8
G156.0	25.8	31.4	36.0	33.6	39.0	34.5	37.0	22.4	22.3	24.5
G157.0	25.1	33.8	35.6	36.1	40.0	34.9	37.7	38.8	19.2	21.4
G158.0	27.8	31.7	33.5	37.8	37.6	37.7	34.9	36.0	23.7	27.9
G159.0	22.3	31.4	37.7	34.3	35.1	36.3	37.4	40.9	19.9	28.6
G160.0	27.8	33.1	31.1	36.8	39.7	35.6	37.7	30.4	22.3	27.9
G161.0	13.0	36.2	31.8	37.8	40.0	31.0	39.5	43.0	23.0	26.9
G162.0	24.7	32.7	26.6	37.5	39.0	37.3	38.8	26.9	24.4	32.4
G163.0	27.1	38.9	36.7	32.6	35.8	35.9	40.2	39.1	24.0	27.2
G164.0	28.2	25.8	32.2	35.7	42.4	31.0	36.7	30.0	23.7	18.3
G165.0	28.8	31.4	40.8	39.2	40.4	34.9	39.5	36.3	23.0	30.7
G166.0	30.2	38.6	38.7	39.5	36.5	40.8	32.8	38.1	24.7	29.3
G167.0	30.2	33.4	33.9	35.4	39.7	19.9	34.9	36.3	26.4	30.3
G168.0	29.9	33.8	30.4	38.5	37.9	38.0	39.8	39.5	26.8	33.4
G169.0	33.0	34.5	39.4	41.3	41.1	42.2	43.3	35.3	22.7	34.5
G170.0	31.6	34.5	38.0	43.4	40.4	38.0	42.3	44.0	29.2	34.5
G171.0	27.1	33.1	36.7	20.1	36.9	39.8	39.5	40.2	28.8	33.1
G172.0	33.6	32.4	36.7	33.3	27.8	41.5	41.2	38.1	29.5	31.4
G173.0	30.6	34.5	41.2	28.1	39.3	43.2	39.8	41.6	33.0	33.8
G174.0	26.4	37.6	39.8	41.6	42.4	41.8	41.2	41.9	27.1	35.8
G175.0	31.2	33.8	34.9	38.1	39.0	41.8	27.6	40.9	29.5	33.8
G176.0	27.5	36.2	40.8	35.7	43.8	37.0	33.2	40.5	27.5	24.5
G177.0	29.5	33.1	39.4	35.4	37.2	43.6	37.4	33.5	28.5	30.3
G178.0	25.4	34.5	36.7	26.4	32.7	37.7	35.6	33.9	29.5	25.8
G179.0	26.8	34.8	36.0	30.5	36.9	26.5	36.0	37.4	26.8	27.6
G180.0	29.2	29.3	36.3	43.0	33.4	39.4	33.9	38.1	28.8	29.3

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	14035.0	14035.0	14035.0	14035.0	14035.0	14035.0	14035.0			
G1.0	14040.2	14039.5	14033.3	14035.7	14034.7	14029.8	14033.3			
G2.0	14042.6	14041.6	14037.1	14032.9	14038.5	14028.4	14028.5			
G3.0	14050.2	14044.4	14034.7	14035.7	14033.3	14026.7	14033.7			
G4.0	14056.8	14046.5	14037.1	14032.2	14036.1	14025.3	14030.9			
G5.0	14062.0	14046.8	14037.5	14032.6	14036.8	14024.9	14027.8			
G6.0	14066.1	14052.4	14035.4	14033.6	14038.2	14022.1	14025.1			
G7.0	14069.9	14055.5	14038.9	14035.7	14033.6	14019.0	14022.0			
G8.0	14072.0	14060.0	14038.5	14032.6	14037.1	14019.0	14018.2			
G9.0	14074.8	14058.3	14036.1	14037.1	14036.1	14016.9	14014.4			
G10.0	14073.8	14056.9	14038.2	14035.7	14034.3	14017.6	14011.0			
G11.0	14065.8	14055.5	14039.2	14035.0	14035.4	14014.4	14008.6			
G12.0	14062.7	14056.9	14037.1	14032.6	14032.6	14013.4	14005.5			
G13.0	14057.5	14052.7	14039.5	14029.8	14032.2	14009.2	14001.4			
G14.0	14056.1	14053.1	14035.7	14030.8	14028.7	14005.7	13992.1			
G15.0	14050.6	14048.6	14036.8	14034.0	14029.1	14005.7	13985.9			
G16.0	14041.3	14040.9	14032.6	14034.3	14024.9	14007.4	13979.1			
G17.0	14029.8	14031.9	14027.0	14031.9	14023.9	14007.8	13973.6			
G18.0	14013.6	14020.5	14014.9	14030.5	14018.3	14003.2	13966.7			
G19.0	13989.7	14008.7	14001.3	14024.2	14010.9	13997.7	13963.3			
G20.0	13964.8	13988.9	13983.9	14010.6	14003.2	13987.2	13955.7			
G21.0	13929.2	13960.8	13962.7	14002.3	13990.7	13976.0	13941.3			
G22.0	13890.5	13928.9	13941.4	13985.9	13975.6	13961.7	13920.7			
G23.0	13833.8	13891.8	13913.6	13964.6	13963.4	13941.4	13893.9			
G24.0	13775.7	13841.5	13880.2	13936.0	13939.0	13918.7	13861.3			
G25.0	13706.9	13783.9	13835.3	13901.5	13910.7	13890.1	13822.9			
G26.0	13622.9	13704.5	13769.2	13852.3	13878.2	13850.6	13772.8			
G27.0	13525.3	13617.1	13700.0	13793.0	13827.2	13799.2	13714.4			
G28.0	13403.3	13516.6	13610.6	13713.9	13765.0	13736.7	13651.6			
G29.0	13266.3	13405.6	13506.9	13627.7	13678.0	13655.7	13559.9			
G30.0	13120.8	13269.6	13396.6	13524.5	13583.3	13557.5	13455.9			
G31.0	12949.3	13113.2	13246.0	13398.3	13470.4	13440.5	13319.9			
G32.0	12760.5	12916.6	13083.9	13248.4	13327.5	13288.6	13151.0			
G33.0	12527.4	12709.2	12890.8	13050.0	13161.2	13117.7	12965.7			
G34.0	12279.8	12476.5	12665.0	12837.3	12933.5	12906.4	12744.9			
G35.0	12008.7	12206.3	12413.1	12584.8	12683.3	12664.0	12483.0			
G36.0	11714.8	11912.2	12098.3	12292.6	12387.4	12373.4	12180.5			

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 6)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	11387.4	11560.2	11779.9	11967.6	12049.2	12002.7	11830.4			
G38.0	10966.5	11180.8	11416.0	11558.9	11628.5	11614.3	11436.6			
G39.0	10491.8	10739.6	10979.4	11126.2	11191.1	11169.6	10967.0			
G40.0	9919.5	10203.5	10424.5	10600.4	10669.9	10637.6	10411.9			
G41.0	9245.9	9535.5	9758.6	9956.7	10020.0	9977.8	9807.0			
G42.0	8522.2	8813.5	8980.4	9224.8	9299.3	9271.8	9087.4			
G43.0	7776.7	8023.1	8269.6	8410.6	8500.6	8510.7	8388.8			
G44.0	7114.2	7322.5	7537.6	7648.7	7740.7	7763.5	7659.6			
G45.0	6475.5	6685.1	6794.9	6949.9	7016.8	7045.6	6944.9			
G46.0	5894.2	6053.2	6193.3	6326.7	6355.5	6397.3	6276.2			
G47.0	5381.4	5542.7	5669.7	5779.3	5795.4	5770.3	5744.7			
G48.0	4899.1	5094.6	5194.9	5260.1	5321.3	5277.8	5234.6			
G49.0	4508.7	4700.0	4774.9	4845.5	4855.9	4845.3	4760.2			
G50.0	4170.5	4304.6	4390.9	4468.5	4477.6	4462.5	4392.8			
G51.0	3851.7	3974.8	4071.1	4108.0	4129.2	4072.6	4046.8			
G52.0	3562.6	3679.0	3770.6	3788.2	3809.6	3752.7	3717.6			
G53.0	3271.5	3401.5	3472.8	3468.5	3490.9	3453.3	3419.9			
G54.0	3032.9	3132.0	3199.3	3194.8	3232.8	3178.7	3121.6			
G55.0	2816.8	2856.0	2930.7	2939.9	2991.3	2925.8	2871.3			
G56.0	2596.8	2631.2	2704.6	2703.1	2743.3	2679.2	2632.4			
G57.0	2364.5	2422.8	2496.2	2477.5	2522.5	2471.4	2424.4			
G58.0	2158.7	2227.6	2305.2	2277.3	2305.9	2275.8	2228.7			
G59.0	1969.6	2049.0	2135.4	2097.1	2108.1	2096.6	2060.5			
G60.0	1796.0	1884.9	1950.0	1919.6	1925.4	1923.7	1898.4			
G61.0	1646.6	1718.1	1794.5	1764.4	1744.1	1752.2	1742.2			
G62.0	1498.3	1574.2	1649.7	1606.4	1604.7	1605.1	1589.1			
G63.0	1375.2	1440.0	1498.4	1470.8	1473.0	1466.8	1441.2			
G64.0	1263.5	1315.1	1363.4	1346.3	1350.3	1338.2	1319.6			
G65.0	1156.6	1184.0	1241.3	1228.8	1231.9	1203.7	1193.0			
G66.0	1055.0	1078.6	1125.8	1117.9	1110.0	1094.0	1093.4			
G67.0	950.9	982.9	1018.7	1010.5	1013.5	989.6	987.0			
G68.0	864.1	890.6	907.3	915.0	918.8	897.4	882.3			
G69.0	781.8	800.4	821.4	825.4	821.4	803.4	797.1			
G70.0	703.0	720.7	739.3	748.3	741.4	719.6	717.5			
G71.0	627.6	650.6	665.5	670.2	667.7	649.4	637.2			
G72.0	564.0	584.4	595.3	600.8	598.8	582.0	573.7			
G73.0	507.6	519.2	528.1	540.1	541.9	512.1	507.4			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	454.7	464.4	477.0	480.2	473.1	457.6	455.6			
G75.0	402.1	417.6	423.7	421.6	419.9	407.3	402.7			
G76.0	355.5	371.1	379.6	375.5	373.5	362.6	357.4			
G77.0	318.1	328.8	329.5	335.8	332.3	317.2	311.0			
G78.0	275.9	283.3	288.8	291.9	284.4	273.5	268.8			
G79.0	234.8	240.7	252.6	252.8	247.0	235.4	228.6			
G80.0	199.2	209.8	212.6	217.6	212.4	200.9	192.6			
G81.0	168.1	173.4	176.7	180.6	175.4	163.5	157.2			
G82.0	136.2	142.2	144.0	146.1	141.5	126.1	122.6			
G83.0	109.3	112.4	114.8	110.2	109.4	102.0	92.3			
G84.0	78.2	89.5	87.3	86.8	81.1	73.7	70.0			
G85.0	53.9	64.2	64.7	62.4	55.9	44.7	50.5			
G86.0	34.9	40.6	50.1	49.9	35.6	31.8	26.1			
G87.0	18.3	27.4	28.5	26.8	18.2	11.9	0.0			
G88.0	8.3	10.8	15.0	7.0	10.5	10.5	0.0			
G89.0	0.0	9.0	7.3	7.7	7.7	0.0	0.0			
G90.0	0.0	0.0	10.8	7.7	0.0	8.4	0.0			
G91.0	0.0	0.0	7.7	7.0	7.3	0.0	0.0			
G92.0	6.9	0.0	0.0	0.0	7.0	0.0	0.0			
G93.0	0.0	6.9	10.1	8.0	0.0	0.0	0.0			
G94.0	0.0	6.9	7.0	0.0	8.0	7.7	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	7.7	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	8.0	0.0	0.0			
G98.0	0.0	0.0	9.0	7.7	0.0	0.0	0.0			
G99.0	7.3	0.0	0.0	0.0	0.0	8.7	0.0			
G100.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0			
G101.0	0.0	9.0	11.5	8.7	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	8.0	7.3	0.0			
G103.0	0.0	0.0	7.0	0.0	7.0	7.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0			
G105.0	0.0	0.0	0.0	7.7	8.4	0.0	0.0			
G106.0	0.0	0.0	10.4	9.8	8.0	8.7	0.0			
G107.0	0.0	0.0	0.0	7.3	0.0	8.0	0.0			
G108.0	0.0	7.3	7.3	7.3	0.0	0.0	0.0			
G109.0	0.0	0.0	7.0	0.0	0.0	9.1	0.0			
G110.0	0.0	0.0	11.5	0.0	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	6.9	0.0	9.4	0.0	7.3	0.0	0.0			
G112.0	0.0	0.0	7.0	8.4	0.0	7.3	0.0			
G113.0	6.9	0.0	8.7	8.0	0.0	0.0	0.0			
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G115.0	0.0	6.9	8.3	8.0	7.3	7.0	0.0			
G116.0	0.0	0.0	7.3	0.0	9.1	8.7	0.0			
G117.0	0.0	0.0	10.4	8.7	0.0	10.1	0.0			
G118.0	0.0	6.9	9.4	10.5	9.1	9.8	0.0			
G119.0	0.0	8.7	9.0	8.0	8.7	9.4	0.0			
G120.0	0.0	0.0	9.4	10.1	8.7	0.0	0.0			
G121.0	0.0	8.0	9.4	11.9	9.4	8.7	0.0			
G122.0	0.0	7.3	10.1	12.2	12.2	8.4	0.0			
G123.0	9.0	10.1	7.0	9.8	7.7	12.2	0.0			
G124.0	9.0	9.4	14.3	11.2	10.1	8.4	0.0			
G125.0	6.9	7.6	13.6	12.2	10.8	0.0	0.0			
G126.0	0.0	12.5	14.3	12.2	9.8	11.5	0.0			
G127.0	9.3	7.6	15.7	12.9	10.8	13.3	0.0			
G128.0	12.8	13.5	15.0	13.3	11.2	11.2	0.0			
G129.0	11.8	13.2	16.3	16.0	12.9	13.6	0.0			
G130.0	10.0	13.9	13.6	16.4	15.0	12.6	0.0			
G131.0	10.4	12.5	16.3	15.7	12.6	16.1	0.0			
G132.0	11.4	14.9	12.5	11.9	11.9	16.1	8.9			
G133.0	12.4	16.3	18.1	11.2	17.5	11.5	0.0			
G134.0	13.1	17.0	13.9	17.8	15.7	17.1	0.0			
G135.0	17.3	16.3	14.6	19.5	16.4	15.7	10.0			
G136.0	19.7	14.2	17.4	22.0	15.4	17.5	0.0			
G137.0	17.3	18.7	24.4	20.6	12.9	17.8	8.2			
G138.0	20.7	18.7	20.2	13.9	18.9	16.8	7.9			
G139.0	20.7	21.2	16.7	21.3	21.0	22.7	10.0			
G140.0	16.6	19.8	20.5	19.5	22.0	21.7	13.4			
G141.0	21.4	19.4	21.6	24.8	21.3	23.1	11.3			
G142.0	21.1	18.4	29.2	24.4	17.8	24.5	12.0			
G143.0	22.1	22.2	27.5	24.4	17.8	23.4	15.1			
G144.0	23.9	23.2	26.1	26.2	25.5	27.9	12.7			
G145.0	24.9	22.9	28.5	25.5	26.5	30.0	14.8			
G146.0	30.4	25.7	28.5	27.2	28.3	27.6	19.2			
G147.0	22.8	21.8	29.9	25.1	27.3	26.5	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 9)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	25.6	29.8	31.3	25.8	25.2	29.0	19.6			
G149.0	22.8	30.2	30.3	22.3	28.3	20.6	18.2			
G150.0	28.7	26.4	28.5	31.4	27.3	33.9	18.5			
G151.0	25.6	27.1	26.8	27.9	26.5	33.9	22.7			
G152.0	24.2	29.8	25.7	32.1	33.5	27.2	22.0			
G153.0	29.0	35.7	26.8	32.8	35.6	33.9	22.0			
G154.0	32.2	30.5	35.1	30.7	34.2	34.6	22.3			
G155.0	30.4	34.0	37.6	32.8	29.0	34.2	23.0			
G156.0	30.1	27.1	33.4	35.2	35.3	26.5	25.8			
G157.0	32.8	35.4	36.5	34.5	31.4	38.1	25.1			
G158.0	37.0	34.3	35.1	37.3	35.3	34.6	27.8			
G159.0	30.4	36.4	37.2	37.0	38.4	39.8	22.3			
G160.0	30.8	36.1	37.6	37.3	33.5	34.2	27.8			
G161.0	32.2	30.2	39.7	36.3	27.6	32.5	13.0			
G162.0	26.6	34.7	38.3	31.0	37.4	38.4	24.7			
G163.0	27.7	38.8	31.3	27.2	39.8	36.0	27.1			
G164.0	34.2	36.4	31.7	41.1	38.4	38.4	28.2			
G165.0	31.1	39.2	37.6	38.4	29.3	38.4	28.8			
G166.0	32.2	38.5	33.0	38.4	37.0	39.8	30.2			
G167.0	38.7	38.5	40.4	37.0	36.7	39.5	30.2			
G168.0	36.3	37.8	44.5	40.1	34.9	30.7	29.9			
G169.0	35.6	38.1	39.7	35.9	39.5	34.2	33.0			
G170.0	36.3	36.8	40.4	43.6	36.3	41.6	31.6			
G171.0	36.7	40.9	40.4	37.0	35.6	40.2	27.1			
G172.0	37.3	42.7	39.0	42.2	40.2	42.6	33.6			
G173.0	45.3	42.7	37.2	43.9	45.1	38.8	30.6			
G174.0	25.6	40.6	32.0	43.2	39.8	40.5	26.4			
G175.0	37.3	41.3	44.9	39.1	39.5	41.9	31.2			
G176.0	39.4	43.0	41.7	42.9	39.8	39.1	27.5			
G177.0	38.4	35.7	41.7	40.8	36.7	40.9	29.5			
G178.0	37.7	38.1	39.3	39.4	39.1	35.6	25.4			
G179.0	36.3	35.4	37.2	40.8	30.4	41.2	26.8			
G180.0	29.4	36.4	43.1	33.5	39.5	33.9	29.2			

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: