Report No.: Test Time: 2023/5/11 20:20

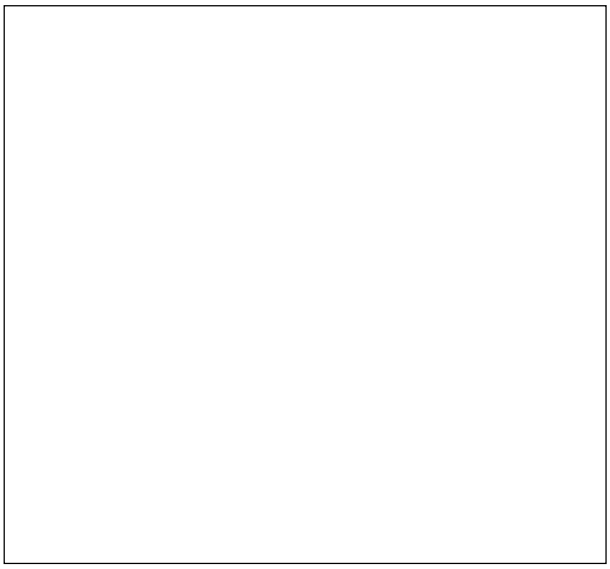
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: Luminaire Description:
Lamp Catalog: Lamp Description:
Number of Lamps: Lumens per Lamp:
Luminous Length (mm): Luminous Width (mm):
Luminous Height (mm): Voltage: 277.0 V
Current: 0.553 A Power: 152.59 W
Power Factor: 0.996

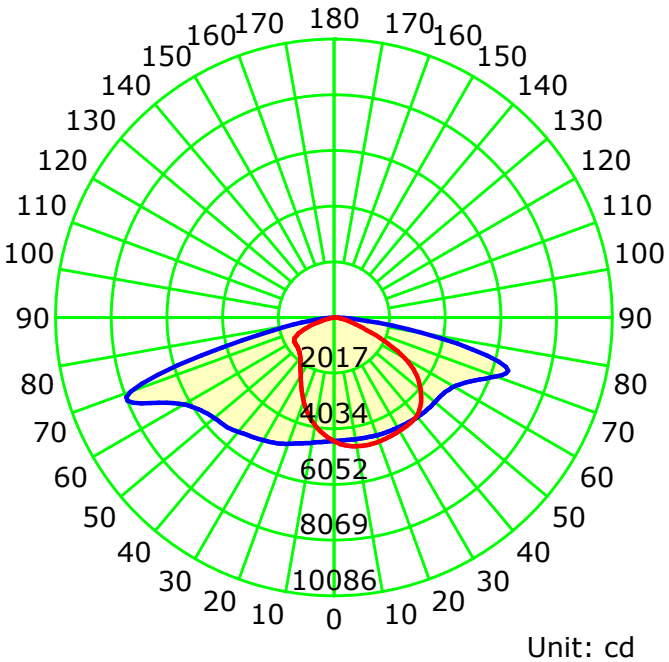
Photometric Results

IES Classification: Type III Longitudinal Classification: Medium
Total Rated Lamp Lumens: 19685.4 lm Measurement Flux: 19685.4 lm
Efficiency: 100% Downward Ratio: 100%
Upward Ratio: 0% Luminaire Efficacy Rating (LER): 129.06
C0r0 Intensity: 4480.32 cd Max. Intensity: 8069.46 cd
Pos of Max. Intensity: H180 V69
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 154.0, 93.5, 136.6, 127.4

Picture Of Luminaire



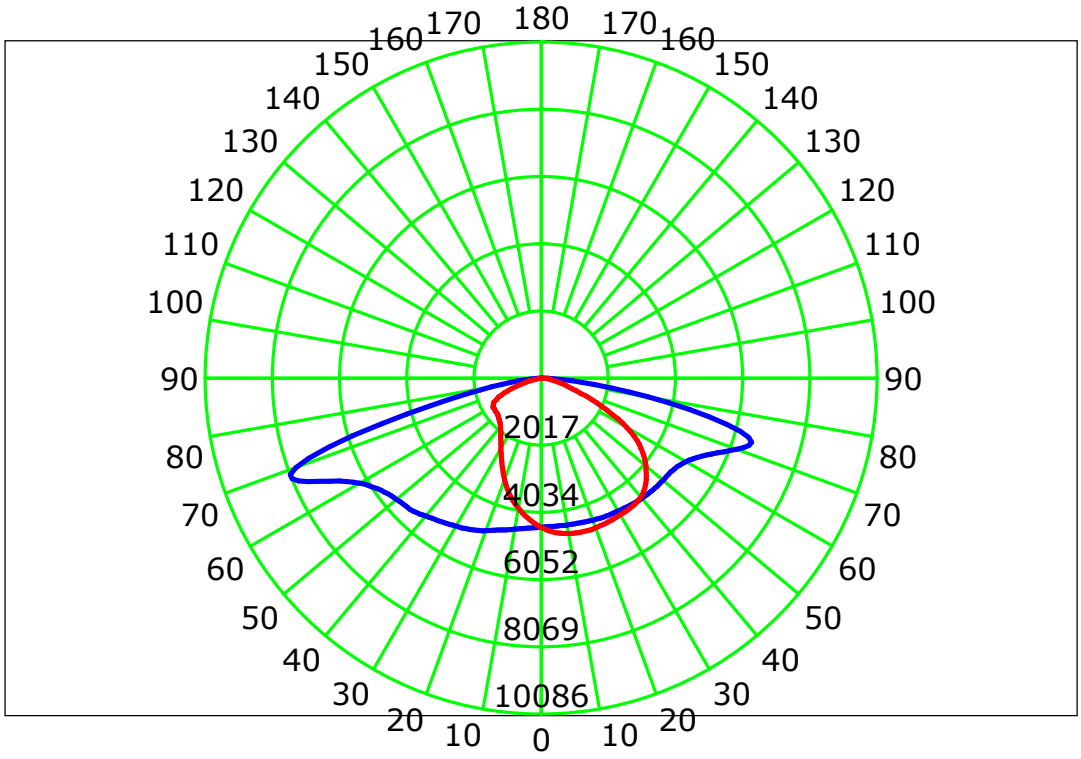
Luminous Intensity Distribution Curve

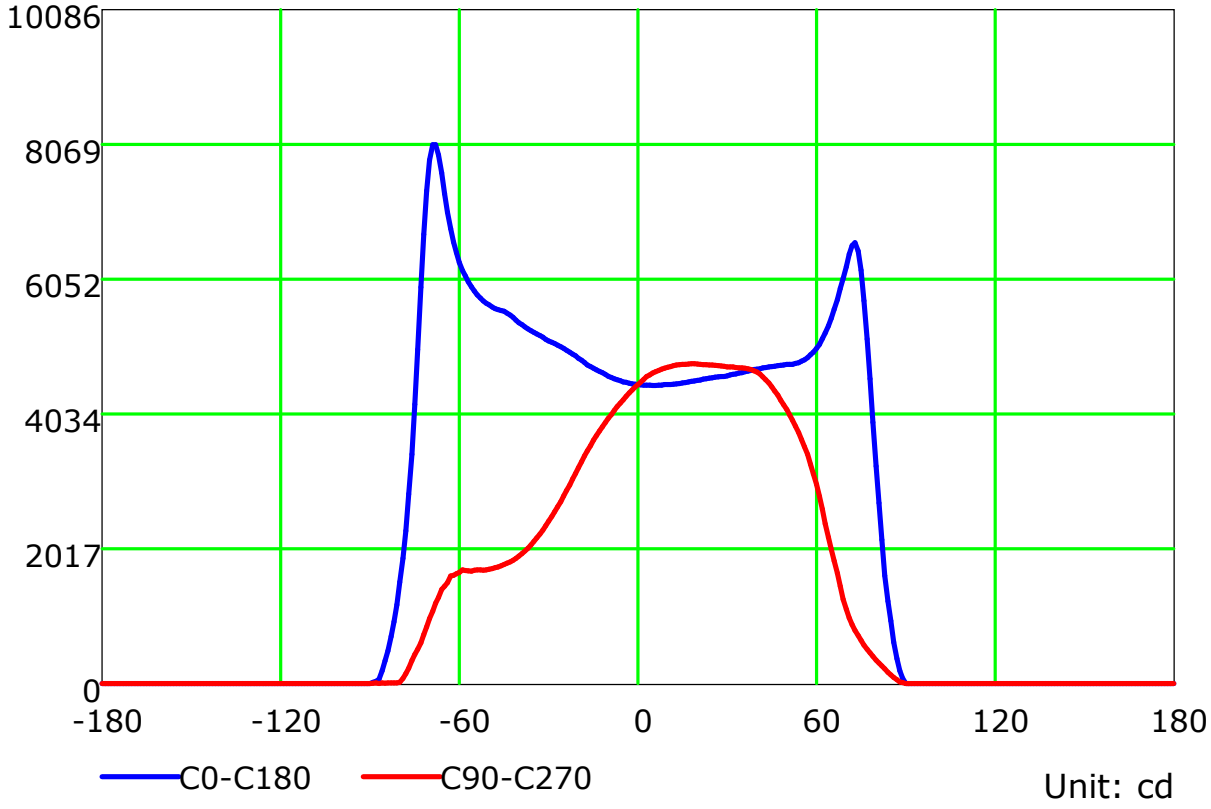


Unit: cd
Average Diffuse Angle(50%): 123.8°
C0-C180 C90-C270

C Plane (°):0.0-360.0: 22.5 Gamma Plane (°):0.0-180.0:1.0
Test Lab: Test Device: GPM-3000
Test Type: TYPE C Distance: 14.140 m [K=1.0000]
Temperature: 25.4 'C Humidity:
Operator: Inspector:

Luminous Intensity Distribution Curve

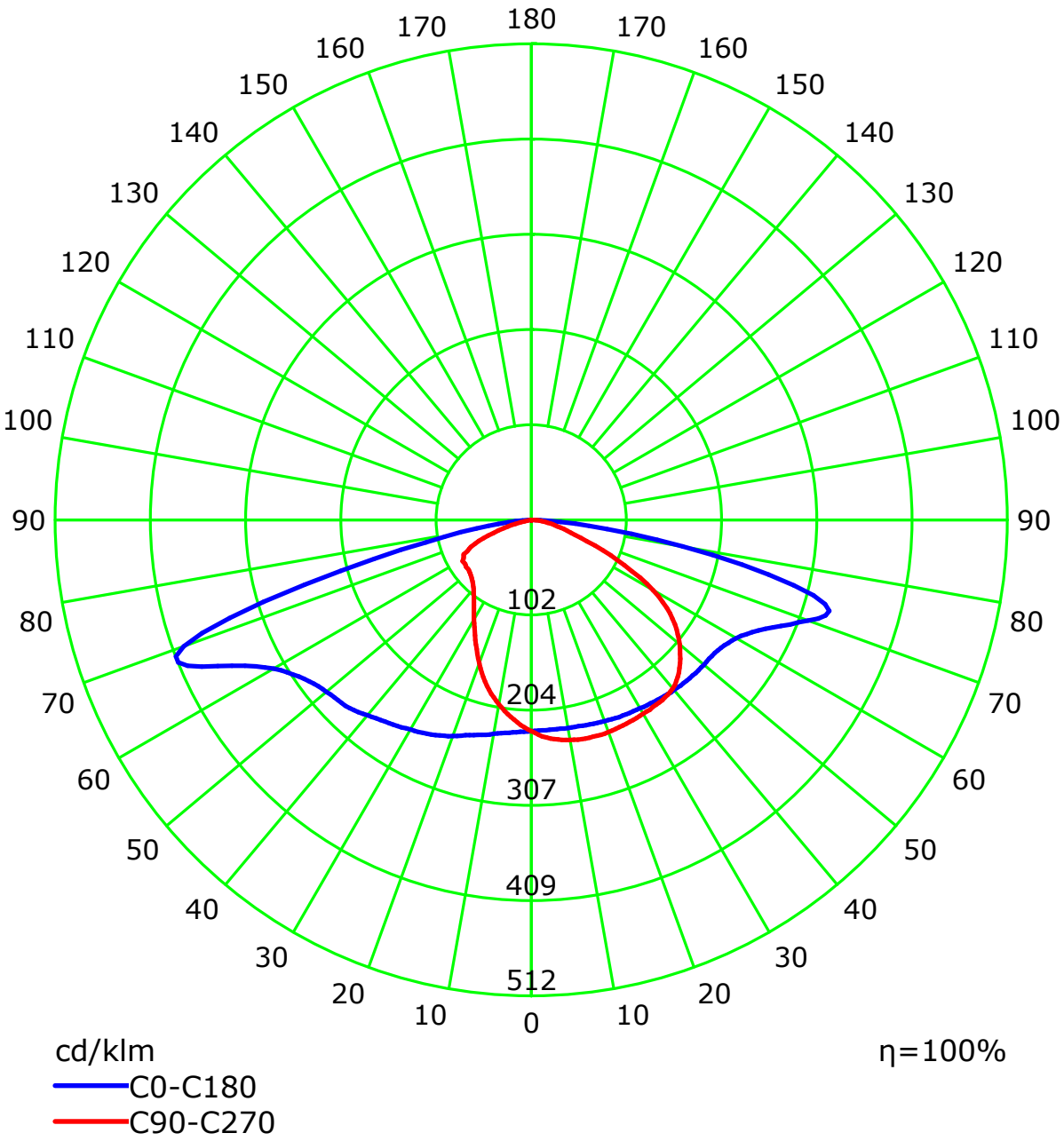




C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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

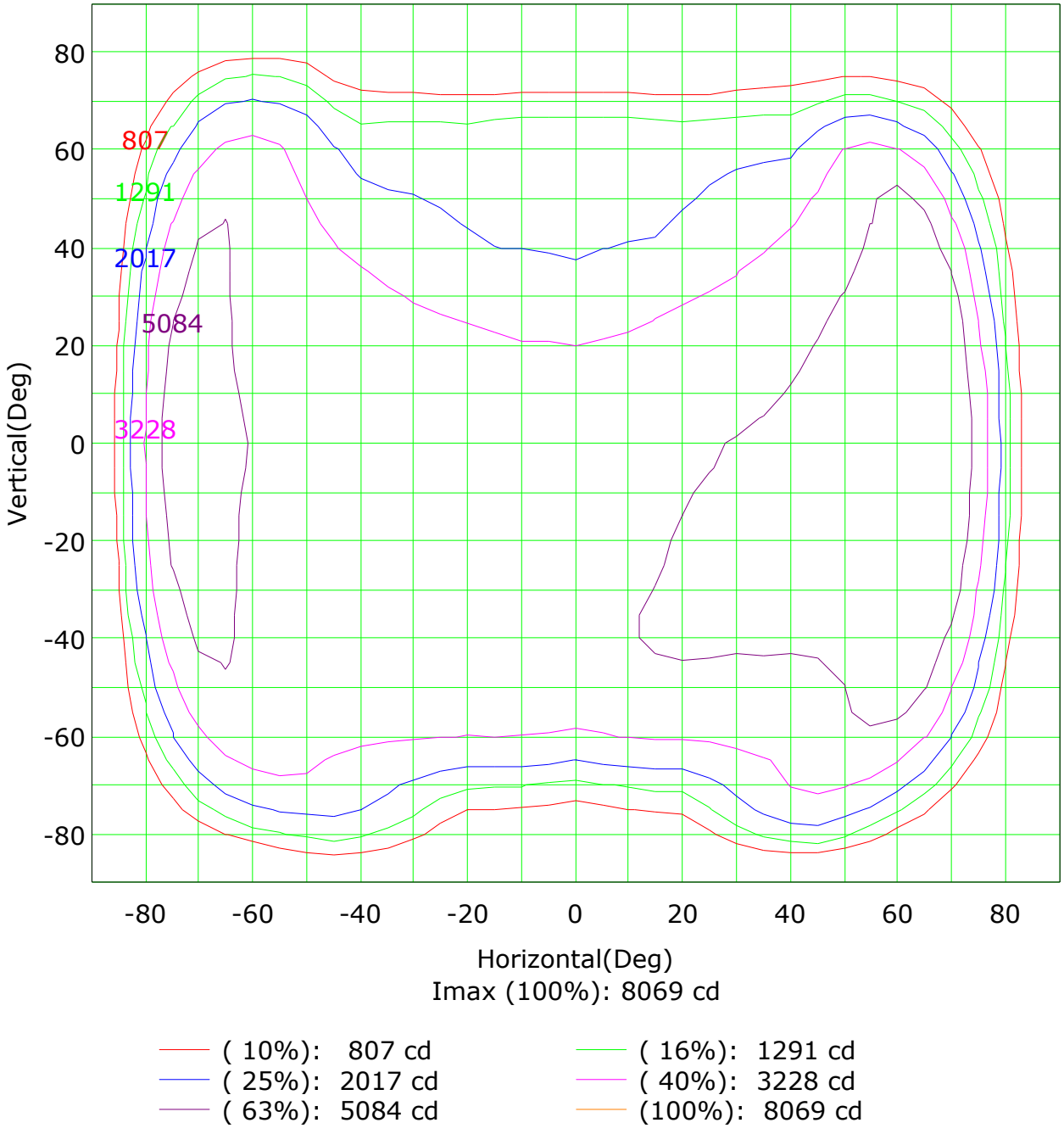
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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

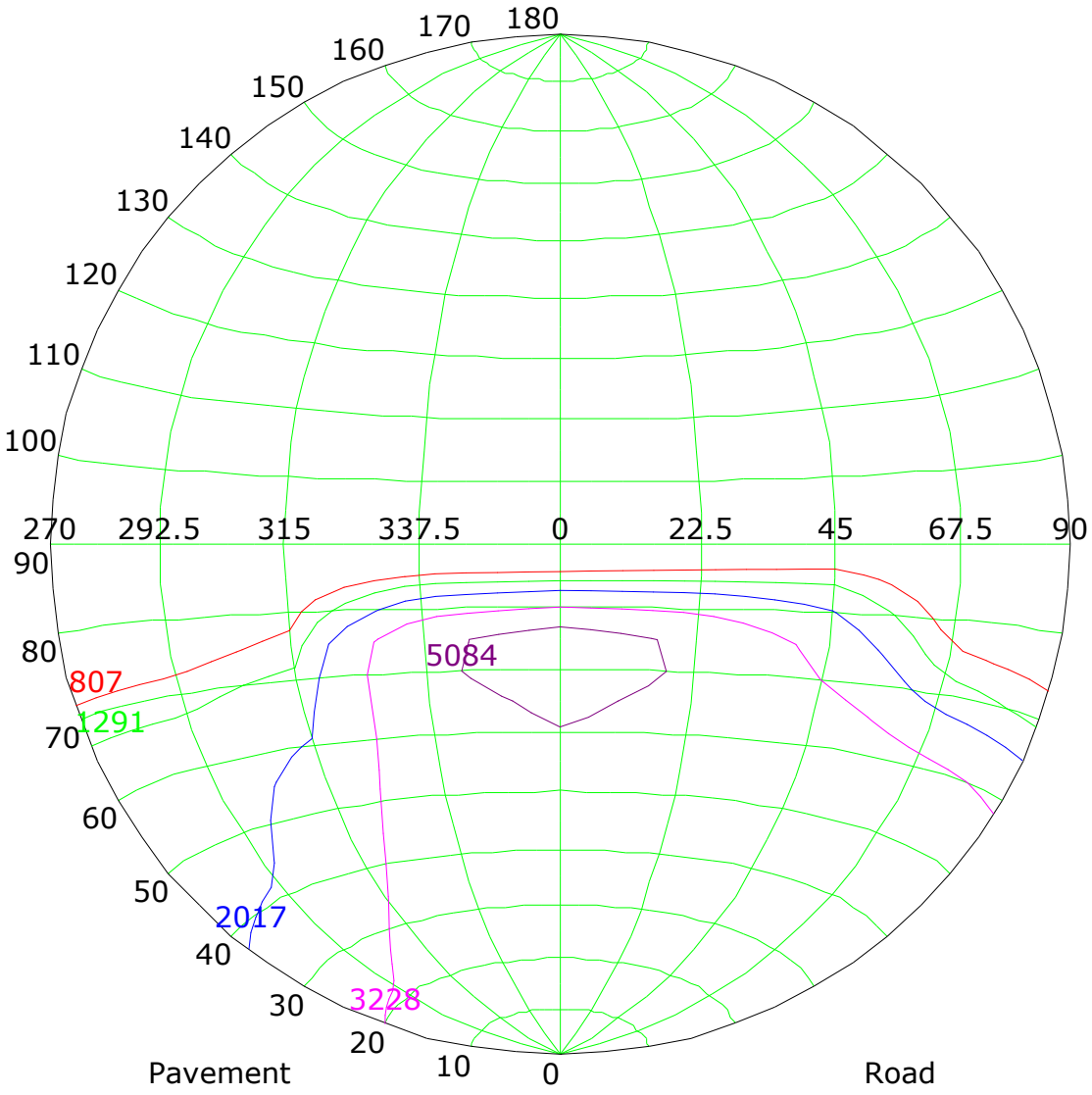
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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%): 8069 cd

(10%): 807 cd	(16%): 1291 cd
(25%): 2017 cd	(40%): 3228 cd
(63%): 5084 cd	(100%): 8069 cd

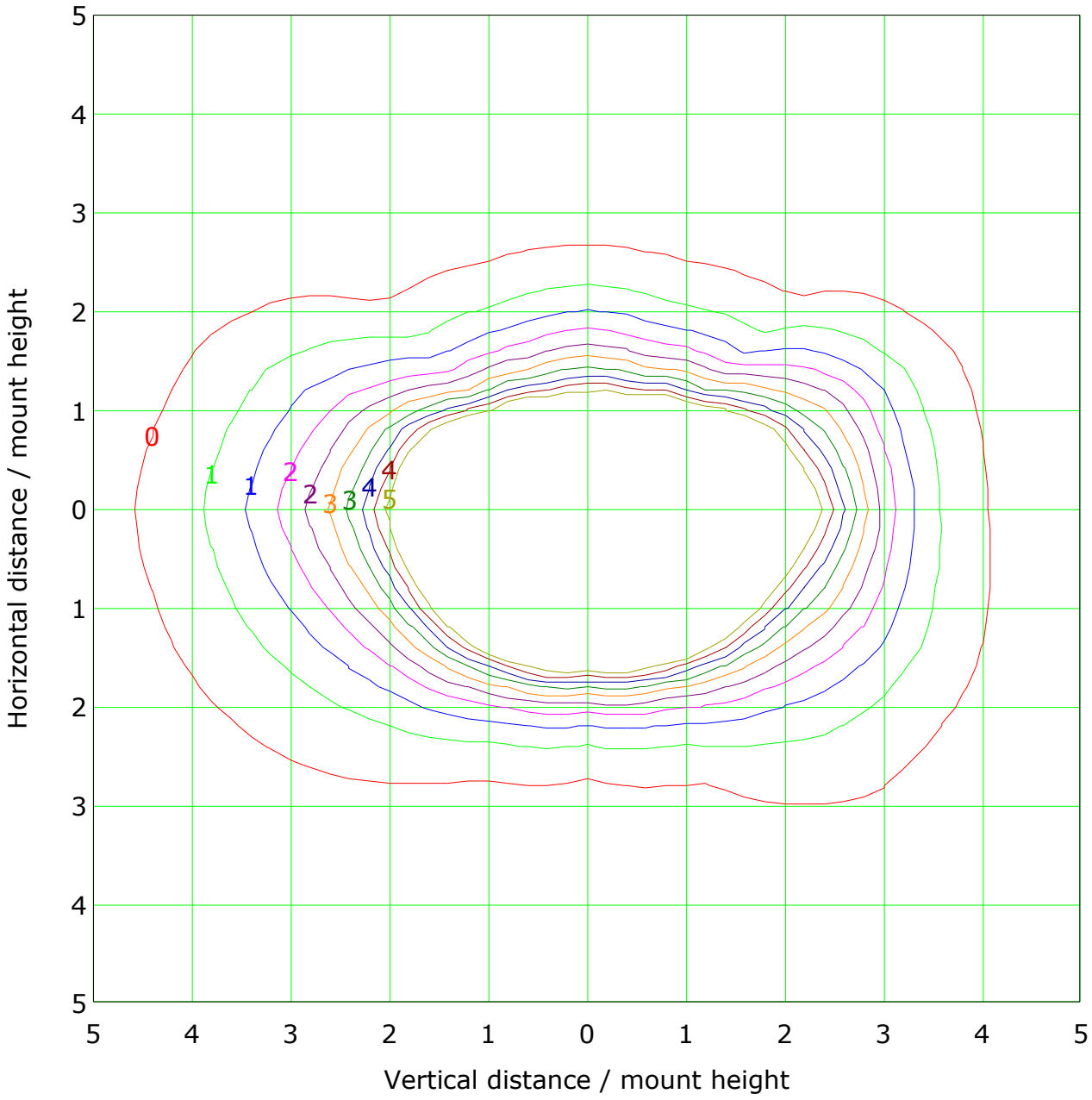
CIE: narrow - intermediate
CIE: Non-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Semi-cut-off
Max.At80: 165.312 cd/klm
Max.80-90: 165.312 cd/klm

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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



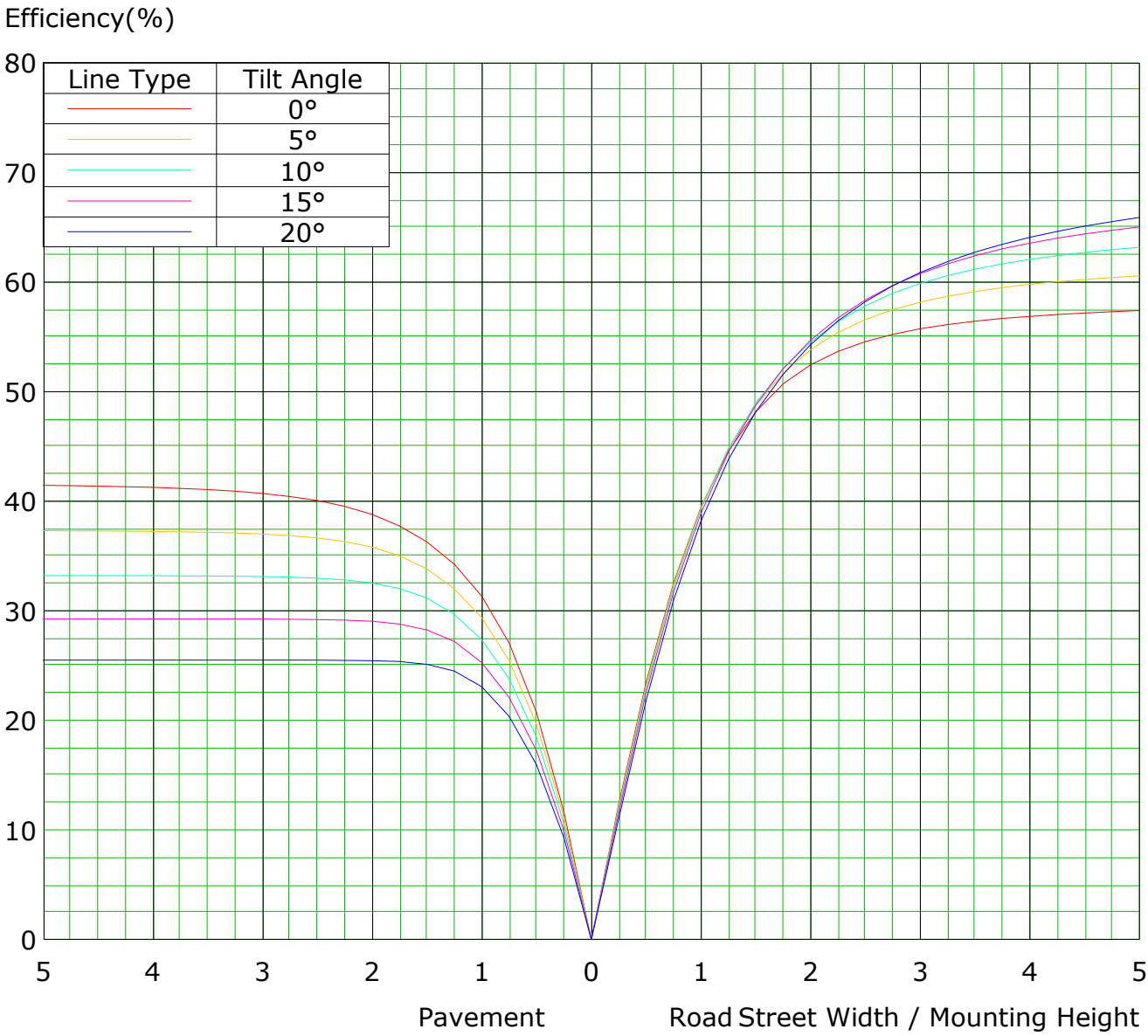
Mounting Height: 10.0m Max Lux(100%): 46.0 lx

(1%): 0.5 lx	(2%): 0.9 lx
(3%): 1.4 lx	(4%): 1.8 lx
(5%): 2.3 lx	(6%): 2.8 lx
(7%): 3.2 lx	(8%): 3.7 lx
(9%): 4.1 lx	(10%): 4.6 lx

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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

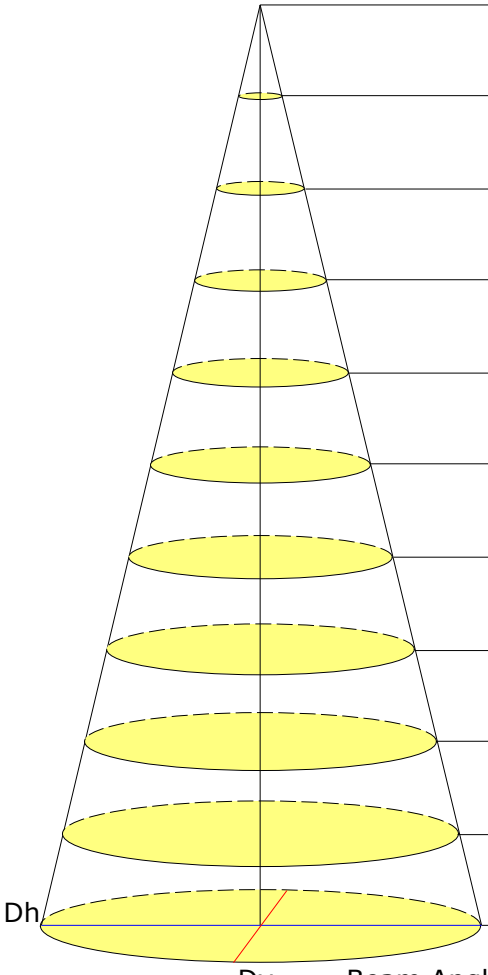
Roadway CU Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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



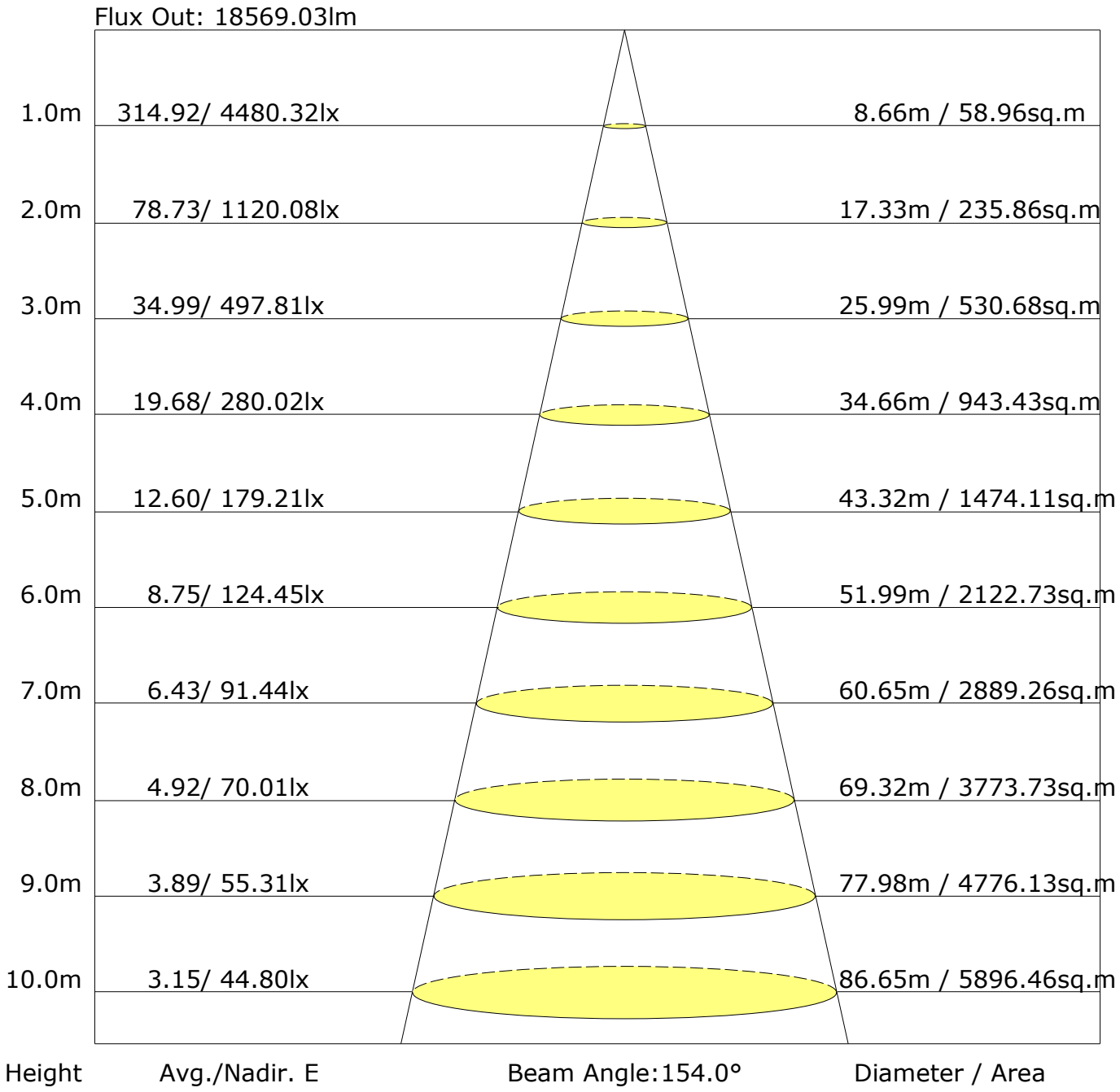
Dist(m)	Enadir(lx)	Dh/Dv_B(m) Dh/Dv_F(m)	S_B(sq.m) S_F(sq.m)	Eav_B(lx) Eav_F(lx)
1.0	4480.32	8.66/2.13	44.5	180.93
		18.96/8.07	352.6	8.33
2.0	1120.08	17.33/4.25	178.0	45.23
		37.92/16.15	1410.5	2.08
3.0	497.81	25.99/6.38	400.4	20.10
		56.88/24.22	3173.6	0.93
4.0	280.02	34.66/8.51	711.8	11.31
		75.84/32.29	5641.9	0.52
5.0	179.21	43.32/10.64	1112.2	7.24
		94.79/40.36	8815.4	0.33
6.0	124.45	51.99/12.76	1601.6	5.03
		113.75/48.44	12694.2	0.23
7.0	91.44	60.65/14.89	2179.9	3.69
		132.71/56.51	17278.2	0.17
8.0	70.01	69.32/17.02	2847.3	2.83
		151.67/64.58	22567.5	0.13
9.0	55.31	77.98/19.14	3603.6	2.23
		170.63/72.66	28562.0	0.10
10.0	44.80	86.65/21.27	4448.8	1.81
		189.59/80.73	35261.7	0.08

Beam Angle(B): H154.0 V93.5 Field Angle(F): H168.0 V152.2

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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

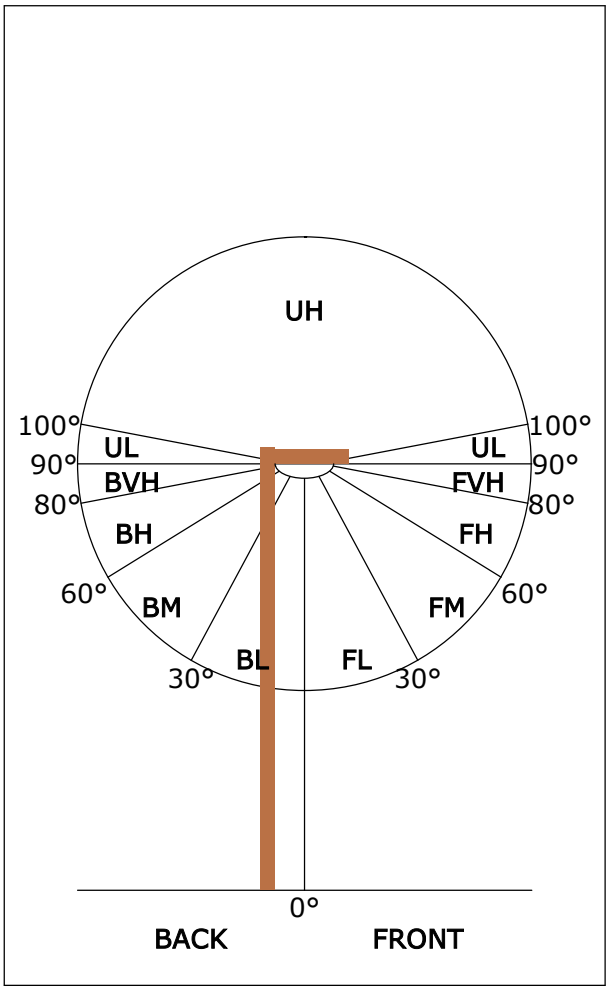
The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	11473	58.3
FL (0°-30°)	2025	10.3
FM (30°-60°)	5580	28.3
FH (60°-80°)	3499	17.8
FVH (80°-90°)	368	1.9
BACK LIGHT	8212	41.7
BL (0°-30°)	1646	8.4
BM (30°-60°)	3727	18.9
BH (60°-80°)	2641	13.4
BVH (80°-90°)	198	1.0
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(**B**acklight,**U**plight,**G**lare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B4 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B4 U5 G2

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	4480.1	4.3	4.3	0.02	0.02
1.0-2.0	4479.6	12.9	17.1	0.07	0.09
2.0-3.0	4479.0	21.4	38.6	0.11	0.20
3.0-4.0	4477.0	30.0	68.5	0.15	0.35
4.0-5.0	4473.8	38.5	107.0	0.20	0.54
5.0-6.0	4469.9	47.0	154.0	0.24	0.78
6.0-7.0	4465.6	55.4	209.5	0.28	1.06
7.0-8.0	4461.7	63.9	273.3	0.32	1.39
8.0-9.0	4457.0	72.2	345.6	0.37	1.76
9.0-10.0	4452.3	80.6	426.1	0.41	2.16
10.0-11.0	4446.7	88.9	515.0	0.45	2.62
11.0-12.0	4440.7	97.1	612.1	0.49	3.11
12.0-13.0	4433.9	105.2	717.3	0.53	3.64
13.0-14.0	4426.3	113.3	830.6	0.58	4.22
14.0-15.0	4419.2	121.3	952.0	0.62	4.84
15.0-16.0	4410.7	129.3	1081.2	0.66	5.49
16.0-17.0	4401.2	137.1	1218.3	0.70	6.19
17.0-18.0	4392.5	144.8	1363.2	0.74	6.92
18.0-19.0	4384.0	152.5	1515.7	0.77	7.70
19.0-20.0	4374.1	160.1	1675.8	0.81	8.51
20.0-21.0	4364.0	167.6	1843.4	0.85	9.36
21.0-22.0	4354.1	175.0	2018.4	0.89	10.25
22.0-23.0	4342.8	182.2	2200.7	0.93	11.18
23.0-24.0	4331.2	189.4	2390.0	0.96	12.14
24.0-25.0	4319.5	196.4	2586.5	1.00	13.14
25.0-26.0	4307.6	203.4	2789.8	1.03	14.17
26.0-27.0	4295.6	210.2	3000.0	1.07	15.24
27.0-28.0	4284.2	216.9	3217.0	1.10	16.34
28.0-29.0	4273.7	223.6	3440.6	1.14	17.48
29.0-30.0	4263.1	230.2	3670.8	1.17	18.65
30.0-31.0	4253.1	236.7	3907.5	1.20	19.85
31.0-32.0	4244.3	243.2	4150.7	1.24	21.09
32.0-33.0	4235.1	249.5	4400.2	1.27	22.35
33.0-34.0	4227.2	255.9	4656.1	1.30	23.65
34.0-35.0	4220.8	262.2	4918.3	1.33	24.98
35.0-36.0	4213.7	268.3	5186.6	1.36	26.35

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	4206.9	274.4	5461.0	1.39	27.74
37.0-38.0	4199.8	280.4	5741.4	1.42	29.17
38.0-39.0	4191.5	286.1	6027.5	1.45	30.62
39.0-40.0	4182.5	291.7	6319.2	1.48	32.10
40.0-41.0	4173.2	297.2	6616.4	1.51	33.61
41.0-42.0	4162.8	302.5	6918.9	1.54	35.15
42.0-43.0	4150.6	307.5	7226.4	1.56	36.71
43.0-44.0	4137.1	312.3	7538.7	1.59	38.30
44.0-45.0	4122.7	316.9	7855.6	1.61	39.91
45.0-46.0	4106.6	321.2	8176.8	1.63	41.54
46.0-47.0	4088.8	325.2	8502.0	1.65	43.19
47.0-48.0	4069.4	329.0	8831.1	1.67	44.86
48.0-49.0	4048.6	332.5	9163.6	1.69	46.55
49.0-50.0	4027.6	335.9	9499.4	1.71	48.26
50.0-51.0	4005.2	338.9	9838.3	1.72	49.98
51.0-52.0	3979.6	341.5	10179.9	1.73	51.71
52.0-53.0	3953.5	344.0	10523.8	1.75	53.46
53.0-54.0	3927.3	346.2	10870.0	1.76	55.22
54.0-55.0	3899.8	348.2	11218.2	1.77	56.99
55.0-56.0	3869.7	349.7	11567.9	1.78	58.76
56.0-57.0	3839.1	351.1	11919.0	1.78	60.55
57.0-58.0	3808.5	352.2	12271.2	1.79	62.34
58.0-59.0	3776.7	353.1	12624.3	1.79	64.13
59.0-60.0	3744.1	353.8	12978.1	1.80	65.93
60.0-61.0	3709.6	354.1	13332.2	1.80	67.73
61.0-62.0	3672.9	354.0	13686.1	1.80	69.52
62.0-63.0	3635.7	353.6	14039.8	1.80	71.32
63.0-64.0	3598.4	353.1	14392.9	1.79	73.11
64.0-65.0	3563.3	352.7	14745.6	1.79	74.91
65.0-66.0	3531.3	352.4	15098.0	1.79	76.70
66.0-67.0	3502.4	352.2	15450.2	1.79	78.49
67.0-68.0	3474.8	352.0	15802.2	1.79	80.27
68.0-69.0	3434.8	350.5	16152.7	1.78	82.05
69.0-70.0	3377.5	346.9	16499.6	1.76	83.82
70.0-71.0	3297.3	340.8	16840.5	1.73	85.55
71.0-72.0	3185.9	331.3	17171.8	1.68	87.23

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	3045.0	318.5	17490.3	1.62	88.85
73.0-74.0	2870.4	301.8	17792.1	1.53	90.38
74.0-75.0	2668.4	282.0	18074.0	1.43	91.81
75.0-76.0	2446.0	259.7	18333.7	1.32	93.13
76.0-77.0	2201.4	234.7	18568.5	1.19	94.33
77.0-78.0	1948.3	208.6	18777.0	1.06	95.39
78.0-79.0	1704.2	183.1	18960.2	0.93	96.32
79.0-80.0	1471.9	158.7	19118.9	0.81	97.12
80.0-81.0	1253.3	135.6	19254.4	0.69	97.81
81.0-82.0	1054.6	114.4	19368.8	0.58	98.39
82.0-83.0	867.4	94.3	19463.1	0.48	98.87
83.0-84.0	690.1	75.2	19538.3	0.38	99.25
84.0-85.0	529.7	57.8	19596.1	0.29	99.55
85.0-86.0	380.1	41.6	19637.7	0.21	99.76
86.0-87.0	239.8	26.2	19663.9	0.13	99.89
87.0-88.0	125.4	13.7	19677.7	0.07	99.96
88.0-89.0	54.7	6.0	19683.7	0.03	99.99
89.0-90.0	15.9	1.7	19685.4	0.01	100.00
90.0-91.0	0.0	0.0	19685.4	0.00	100.00
91.0-92.0	0.0	0.0	19685.4	0.00	100.00
92.0-93.0	0.0	0.0	19685.4	0.00	100.00
93.0-94.0	0.0	0.0	19685.4	0.00	100.00
94.0-95.0	0.0	0.0	19685.4	0.00	100.00
95.0-96.0	0.0	0.0	19685.4	0.00	100.00
96.0-97.0	0.0	0.0	19685.4	0.00	100.00
97.0-98.0	0.0	0.0	19685.4	0.00	100.00
98.0-99.0	0.0	0.0	19685.4	0.00	100.00
99.0-100.0	0.0	0.0	19685.4	0.00	100.00
100.0-101.0	0.0	0.0	19685.4	0.00	100.00
101.0-102.0	0.0	0.0	19685.4	0.00	100.00
102.0-103.0	0.0	0.0	19685.4	0.00	100.00
103.0-104.0	0.0	0.0	19685.4	0.00	100.00
104.0-105.0	0.0	0.0	19685.4	0.00	100.00
105.0-106.0	0.0	0.0	19685.4	0.00	100.00
106.0-107.0	0.0	0.0	19685.4	0.00	100.00
107.0-108.0	0.0	0.0	19685.4	0.00	100.00

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	19685.4	0.00	100.00
109.0-110.0	0.0	0.0	19685.4	0.00	100.00
110.0-111.0	0.0	0.0	19685.4	0.00	100.00
111.0-112.0	0.0	0.0	19685.4	0.00	100.00
112.0-113.0	0.0	0.0	19685.4	0.00	100.00
113.0-114.0	0.0	0.0	19685.4	0.00	100.00
114.0-115.0	0.0	0.0	19685.4	0.00	100.00
115.0-116.0	0.0	0.0	19685.4	0.00	100.00
116.0-117.0	0.0	0.0	19685.4	0.00	100.00
117.0-118.0	0.0	0.0	19685.4	0.00	100.00
118.0-119.0	0.0	0.0	19685.4	0.00	100.00
119.0-120.0	0.0	0.0	19685.4	0.00	100.00
120.0-121.0	0.0	0.0	19685.4	0.00	100.00
121.0-122.0	0.0	0.0	19685.4	0.00	100.00
122.0-123.0	0.0	0.0	19685.4	0.00	100.00
123.0-124.0	0.0	0.0	19685.4	0.00	100.00
124.0-125.0	0.0	0.0	19685.4	0.00	100.00
125.0-126.0	0.0	0.0	19685.4	0.00	100.00
126.0-127.0	0.0	0.0	19685.4	0.00	100.00
127.0-128.0	0.0	0.0	19685.4	0.00	100.00
128.0-129.0	0.0	0.0	19685.4	0.00	100.00
129.0-130.0	0.0	0.0	19685.4	0.00	100.00
130.0-131.0	0.0	0.0	19685.4	0.00	100.00
131.0-132.0	0.0	0.0	19685.4	0.00	100.00
132.0-133.0	0.0	0.0	19685.4	0.00	100.00
133.0-134.0	0.0	0.0	19685.4	0.00	100.00
134.0-135.0	0.0	0.0	19685.4	0.00	100.00
135.0-136.0	0.0	0.0	19685.4	0.00	100.00
136.0-137.0	0.0	0.0	19685.4	0.00	100.00
137.0-138.0	0.0	0.0	19685.4	0.00	100.00
138.0-139.0	0.0	0.0	19685.4	0.00	100.00
139.0-140.0	0.0	0.0	19685.4	0.00	100.00
140.0-141.0	0.0	0.0	19685.4	0.00	100.00
141.0-142.0	0.0	0.0	19685.4	0.00	100.00
142.0-143.0	0.0	0.0	19685.4	0.00	100.00
143.0-144.0	0.0	0.0	19685.4	0.00	100.00

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	19685.4	0.00	100.00
145.0-146.0	0.0	0.0	19685.4	0.00	100.00
146.0-147.0	0.0	0.0	19685.4	0.00	100.00
147.0-148.0	0.0	0.0	19685.4	0.00	100.00
148.0-149.0	0.0	0.0	19685.4	0.00	100.00
149.0-150.0	0.0	0.0	19685.4	0.00	100.00
150.0-151.0	0.0	0.0	19685.4	0.00	100.00
151.0-152.0	0.0	0.0	19685.4	0.00	100.00
152.0-153.0	0.0	0.0	19685.4	0.00	100.00
153.0-154.0	0.0	0.0	19685.4	0.00	100.00
154.0-155.0	0.0	0.0	19685.4	0.00	100.00
155.0-156.0	0.0	0.0	19685.4	0.00	100.00
156.0-157.0	0.0	0.0	19685.4	0.00	100.00
157.0-158.0	0.0	0.0	19685.4	0.00	100.00
158.0-159.0	0.0	0.0	19685.4	0.00	100.00
159.0-160.0	0.0	0.0	19685.4	0.00	100.00
160.0-161.0	0.0	0.0	19685.4	0.00	100.00
161.0-162.0	0.0	0.0	19685.4	0.00	100.00
162.0-163.0	0.0	0.0	19685.4	0.00	100.00
163.0-164.0	0.0	0.0	19685.4	0.00	100.00
164.0-165.0	0.0	0.0	19685.4	0.00	100.00
165.0-166.0	0.0	0.0	19685.4	0.00	100.00
166.0-167.0	0.0	0.0	19685.4	0.00	100.00
167.0-168.0	0.0	0.0	19685.4	0.00	100.00
168.0-169.0	0.0	0.0	19685.4	0.00	100.00
169.0-170.0	0.0	0.0	19685.4	0.00	100.00
170.0-171.0	0.0	0.0	19685.4	0.00	100.00
171.0-172.0	0.0	0.0	19685.4	0.00	100.00
172.0-173.0	0.0	0.0	19685.4	0.00	100.00
173.0-174.0	0.0	0.0	19685.4	0.00	100.00
174.0-175.0	0.0	0.0	19685.4	0.00	100.00
175.0-176.0	0.0	0.0	19685.4	0.00	100.00
176.0-177.0	0.0	0.0	19685.4	0.00	100.00
177.0-178.0	0.0	0.0	19685.4	0.00	100.00
178.0-179.0	0.0	0.0	19685.4	0.00	100.00
179.0-180.0	0.0	0.0	19685.4	0.00	100.00

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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°): 7855.60 lm

%lum = 39.9%
%lamp = 39.9%

cone flux(120°): 12978.11 lm

%lum = 65.9%
%lamp = 65.9%

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	4480.3	4480.3	4480.3	4480.3	4480.3	4480.3	4480.3	4480.3	4480.3	4480.3
G1.0	4474.8	4494.1	4505.4	4514.8	4516.9	4516.8	4514.7	4502.6	4484.1	4469.8
G2.0	4467.5	4503.6	4531.7	4544.9	4556.9	4553.9	4544.9	4527.9	4489.4	4463.8
G3.0	4466.1	4514.2	4557.0	4572.2	4597.6	4586.4	4576.9	4548.3	4498.3	4457.2
G4.0	4468.1	4526.3	4577.3	4596.9	4619.6	4616.9	4603.0	4569.5	4512.7	4450.3
G5.0	4465.3	4531.9	4596.1	4623.6	4652.4	4642.8	4632.2	4593.2	4517.8	4449.3
G6.0	4463.6	4543.2	4613.4	4643.2	4670.6	4669.9	4659.7	4616.7	4535.8	4445.7
G7.0	4468.9	4556.6	4631.9	4663.5	4688.6	4694.2	4679.4	4641.9	4549.0	4446.9
G8.0	4467.9	4567.3	4646.9	4682.0	4707.0	4716.4	4712.0	4662.6	4563.4	4446.9
G9.0	4477.4	4582.8	4658.0	4698.4	4722.8	4735.9	4730.0	4691.3	4582.6	4445.5
G10.0	4478.4	4597.8	4673.6	4706.4	4738.4	4750.6	4752.7	4720.6	4604.1	4448.7
G11.0	4479.3	4609.3	4687.5	4719.9	4747.0	4769.0	4776.6	4740.9	4632.1	4453.2
G12.0	4484.1	4622.0	4701.5	4728.3	4760.2	4781.4	4801.3	4766.6	4654.6	4455.0
G13.0	4486.4	4634.6	4707.6	4734.7	4771.2	4795.9	4817.9	4790.4	4673.5	4454.6
G14.0	4494.1	4646.5	4718.4	4737.5	4774.6	4807.7	4844.2	4816.7	4698.2	4466.6
G15.0	4502.2	4656.9	4732.5	4743.8	4778.2	4817.8	4861.8	4842.6	4722.5	4474.0
G16.0	4506.4	4668.2	4739.9	4747.8	4777.6	4824.6	4880.6	4870.1	4745.2	4484.1
G17.0	4515.1	4683.5	4748.3	4751.4	4785.8	4835.8	4897.8	4898.8	4772.0	4500.0
G18.0	4524.5	4701.1	4754.3	4754.0	4788.2	4845.0	4917.3	4928.4	4806.7	4512.2
G19.0	4530.7	4710.6	4759.8	4754.8	4790.0	4857.1	4944.4	4964.8	4843.3	4521.7
G20.0	4541.1	4726.7	4765.4	4757.0	4784.2	4867.7	4961.8	4989.1	4871.5	4530.7
G21.0	4546.6	4734.9	4775.2	4759.8	4782.2	4876.9	4990.6	5016.8	4909.2	4543.2
G22.0	4558.7	4743.1	4788.5	4760.8	4776.2	4889.8	5009.6	5041.2	4935.4	4559.9
G23.0	4565.0	4761.0	4801.1	4761.8	4774.2	4898.2	5034.5	5066.3	4962.8	4574.5
G24.0	4575.8	4767.1	4807.1	4758.4	4771.4	4907.6	5054.6	5092.0	4990.3	4586.0
G25.0	4576.2	4781.3	4815.8	4759.8	4768.0	4915.0	5072.6	5108.8	5019.7	4595.0
G26.0	4586.1	4789.4	4818.6	4761.2	4763.6	4921.9	5096.3	5126.4	5043.2	4611.3
G27.0	4591.8	4794.6	4832.0	4763.4	4758.4	4931.3	5112.7	5148.5	5065.7	4624.2
G28.0	4595.8	4802.6	4840.9	4768.2	4754.4	4945.9	5129.1	5173.5	5092.9	4635.8
G29.0	4599.9	4812.3	4852.5	4774.5	4749.4	4962.6	5151.5	5193.6	5111.4	4650.3
G30.0	4608.2	4817.5	4861.9	4781.3	4743.4	4977.6	5167.9	5205.9	5130.2	4663.6
G31.0	4623.2	4820.3	4875.2	4789.5	4741.8	4996.9	5188.6	5220.3	5154.1	4675.2
G32.0	4632.3	4830.0	4887.6	4798.9	4743.8	5022.2	5203.4	5236.7	5186.8	4687.9
G33.0	4635.0	4828.5	4896.1	4812.6	4731.8	5045.5	5220.2	5252.8	5208.9	4699.9
G34.0	4650.8	4835.8	4910.7	4820.4	4728.6	5067.5	5238.4	5268.8	5234.2	4722.0
G35.0	4656.0	4835.4	4922.3	4836.9	4725.0	5097.2	5256.8	5290.3	5258.3	4733.3
G36.0	4668.0	4832.2	4933.2	4849.7	4724.2	5122.9	5270.2	5310.1	5284.5	4748.4

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	4679.6	4835.0	4942.0	4859.3	4710.6	5147.8	5287.6	5322.4	5311.1	4766.7
G38.0	4687.5	4833.2	4955.5	4871.6	4701.6	5172.2	5300.2	5336.8	5338.4	4781.1
G39.0	4703.7	4831.0	4953.5	4878.8	4684.2	5181.9	5304.8	5351.7	5373.7	4797.2
G40.0	4707.9	4831.4	4955.3	4880.8	4663.2	5189.9	5307.9	5363.7	5403.7	4822.3
G41.0	4713.6	4828.1	4949.2	4877.2	4636.0	5194.9	5313.3	5383.7	5442.4	4839.8
G42.0	4727.2	4821.1	4939.8	4872.4	4594.0	5191.7	5304.8	5399.9	5483.8	4857.9
G43.0	4732.7	4816.7	4928.4	4863.9	4549.7	5178.1	5297.5	5410.2	5516.2	4883.4
G44.0	4740.6	4811.3	4907.5	4844.9	4499.7	5170.8	5285.0	5414.9	5548.0	4908.1
G45.0	4745.0	4804.8	4892.6	4823.6	4444.1	5141.1	5276.7	5416.9	5573.0	4936.3
G46.0	4749.5	4793.8	4869.8	4794.7	4384.5	5116.3	5259.3	5421.1	5585.9	4963.4
G47.0	4761.5	4787.8	4847.1	4762.8	4317.5	5081.4	5241.9	5423.6	5601.5	4981.9
G48.0	4766.1	4776.1	4820.0	4724.3	4245.5	5041.2	5223.0	5423.8	5615.9	5007.0
G49.0	4770.8	4754.8	4786.4	4676.5	4174.7	4997.1	5197.5	5424.0	5637.6	5020.1
G50.0	4779.5	4736.7	4757.7	4630.4	4104.4	4937.3	5181.7	5422.3	5671.7	5038.0
G51.0	4780.3	4718.2	4725.4	4563.0	4022.8	4862.1	5157.6	5423.4	5695.2	5057.8
G52.0	4782.1	4699.9	4687.1	4495.4	3942.8	4787.1	5126.8	5419.1	5727.8	5073.5
G53.0	4794.1	4677.6	4648.5	4420.7	3856.8	4698.6	5099.7	5411.0	5769.6	5084.6
G54.0	4803.4	4658.7	4604.0	4336.9	3761.1	4601.5	5060.2	5405.6	5820.1	5108.7
G55.0	4827.5	4635.6	4563.4	4240.6	3653.3	4477.1	5027.4	5406.0	5875.2	5135.6
G56.0	4848.0	4617.1	4509.2	4126.0	3547.9	4350.9	4983.3	5404.7	5940.9	5161.7
G57.0	4879.4	4593.8	4456.2	4008.4	3431.1	4218.3	4934.7	5408.2	6018.2	5193.9
G58.0	4924.8	4583.8	4399.0	3883.2	3286.8	4075.3	4877.4	5423.6	6101.7	5235.7
G59.0	4963.2	4571.3	4340.8	3735.0	3143.4	3915.0	4814.4	5444.4	6186.2	5281.5
G60.0	5019.1	4563.3	4275.6	3578.9	2982.0	3732.8	4753.9	5461.4	6302.0	5340.6
G61.0	5075.5	4555.0	4203.7	3383.1	2803.9	3515.2	4687.9	5488.9	6454.6	5384.6
G62.0	5163.5	4548.6	4127.6	3191.1	2614.1	3309.1	4615.0	5522.3	6610.1	5441.7
G63.0	5249.8	4551.8	4055.4	2987.0	2391.8	3088.9	4519.4	5568.4	6811.4	5488.9
G64.0	5353.0	4573.1	3960.8	2773.1	2191.0	2846.1	4435.4	5629.7	7057.1	5552.4
G65.0	5471.4	4592.2	3862.0	2539.0	2010.9	2630.1	4326.2	5698.1	7334.1	5620.5
G66.0	5604.4	4617.3	3748.8	2337.6	1839.3	2428.2	4212.0	5783.8	7646.5	5695.3
G67.0	5749.1	4648.5	3624.4	2144.8	1653.6	2246.1	4103.5	5899.7	7914.9	5813.9
G68.0	5916.8	4688.1	3491.5	1975.2	1461.0	2065.9	3984.8	6046.6	8069.3	5957.8
G69.0	6064.2	4730.5	3341.1	1795.7	1263.9	1893.2	3853.8	6192.2	8069.5	6113.3
G70.0	6240.5	4778.5	3201.6	1619.5	1116.5	1696.4	3758.7	6238.6	7839.1	6178.6
G71.0	6427.3	4801.8	3070.7	1445.4	983.0	1530.9	3688.6	6199.9	7378.7	6062.9
G72.0	6558.0	4805.0	2947.9	1283.9	886.0	1379.8	3664.3	6066.0	6724.1	5725.6
G73.0	6600.2	4787.8	2863.0	1147.0	797.4	1246.0	3669.6	5798.4	5936.5	5254.0

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	6477.7	4731.7	2805.3	1011.0	720.8	1124.4	3674.6	5372.8	5001.9	4709.4
G75.0	6186.4	4631.2	2749.7	916.9	648.0	1010.5	3635.0	4854.1	4180.2	4083.4
G76.0	5732.7	4438.3	2676.5	817.6	576.9	912.8	3501.7	4314.9	3434.4	3469.0
G77.0	5158.8	4116.5	2577.3	735.7	515.7	822.3	3296.2	3717.7	2837.0	2898.1
G78.0	4565.2	3760.2	2430.0	659.5	462.5	720.4	3046.8	3193.0	2288.6	2406.5
G79.0	3910.2	3371.4	2253.7	580.0	409.1	638.2	2810.9	2695.4	1875.8	1973.9
G80.0	3254.2	2966.0	2060.6	508.4	354.3	567.7	2529.2	2226.9	1523.1	1590.4
G81.0	2704.2	2567.5	1849.6	445.8	307.9	490.3	2254.2	1796.7	1180.3	1282.8
G82.0	2151.7	2210.2	1671.0	388.4	267.7	436.5	1969.9	1402.6	926.3	993.6
G83.0	1617.1	1799.4	1485.7	337.9	220.5	370.1	1697.8	1015.7	704.7	759.4
G84.0	1235.4	1362.5	1297.8	279.3	170.8	306.3	1409.7	753.1	492.6	543.8
G85.0	939.6	1021.9	1113.7	217.9	130.8	233.7	1065.1	456.1	343.6	364.1
G86.0	621.8	725.7	833.7	162.5	95.4	163.3	703.8	276.9	192.2	228.3
G87.0	375.0	440.5	522.3	112.6	62.2	91.1	375.4	124.0	65.9	94.9
G88.0	195.0	231.9	221.8	64.2	27.4	44.9	95.2	42.3	36.7	35.2
G89.0	78.5	76.2	59.2	26.3	16.6	23.5	27.9	30.3	22.5	16.3
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	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	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	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	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	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	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	4480.3	4480.3	4480.3	4480.3	4480.3	4480.3	4480.3			
G1.0	4458.6	4441.8	4439.5	4436.2	4450.2	4458.5	4474.8			
G2.0	4433.5	4403.5	4396.5	4396.3	4415.7	4437.2	4467.5			
G3.0	4411.9	4365.0	4355.1	4353.5	4384.8	4416.6	4466.1			
G4.0	4387.0	4321.0	4301.9	4304.8	4347.3	4401.0	4468.1			
G5.0	4365.3	4284.3	4248.7	4257.6	4314.5	4384.0	4465.3			
G6.0	4339.4	4231.9	4199.1	4207.3	4272.6	4364.6	4463.6			
G7.0	4313.7	4191.6	4149.6	4158.7	4238.2	4349.8	4468.9			
G8.0	4293.8	4149.5	4090.4	4108.4	4202.5	4334.1	4467.9			
G9.0	4265.9	4104.9	4029.0	4057.4	4168.9	4322.3	4477.4			
G10.0	4245.6	4061.4	3969.6	4003.5	4142.0	4305.8	4478.4			
G11.0	4225.0	4006.4	3909.2	3947.1	4102.1	4291.2	4479.3			
G12.0	4202.3	3956.5	3847.0	3894.9	4069.7	4280.1	4484.1			
G13.0	4178.2	3906.1	3784.4	3838.2	4034.3	4270.8	4486.4			
G14.0	4158.5	3848.9	3710.1	3779.4	3997.4	4263.9	4494.1			
G15.0	4139.5	3797.4	3645.7	3718.2	3964.4	4253.6	4502.2			
G16.0	4113.6	3740.0	3562.3	3656.4	3932.6	4242.8	4506.4			
G17.0	4090.5	3676.4	3483.7	3581.6	3891.9	4233.7	4515.1			
G18.0	4065.6	3614.0	3407.1	3513.6	3860.3	4221.8	4524.5			
G19.0	4042.5	3548.8	3322.0	3443.7	3825.1	4214.7	4530.7			
G20.0	4012.0	3486.6	3231.8	3372.9	3784.8	4213.1	4541.1			
G21.0	3986.5	3420.6	3147.4	3303.1	3751.6	4206.6	4546.6			
G22.0	3953.0	3353.0	3062.8	3230.1	3715.5	4201.6	4558.7			
G23.0	3921.5	3276.5	2974.3	3153.7	3672.8	4192.1	4565.0			
G24.0	3891.1	3208.3	2893.7	3080.2	3635.8	4187.6	4575.8			
G25.0	3860.6	3140.1	2812.5	3014.0	3594.7	4181.5	4576.2			
G26.0	3832.7	3074.7	2726.3	2942.8	3556.4	4176.9	4586.1			
G27.0	3802.0	3000.3	2645.5	2868.2	3519.3	4175.1	4591.8			
G28.0	3768.1	2930.0	2575.0	2801.4	3477.4	4171.0	4595.8			
G29.0	3732.4	2859.6	2503.2	2736.0	3438.4	4169.6	4599.9			
G30.0	3699.6	2796.6	2433.6	2672.8	3398.5	4163.7	4608.2			
G31.0	3665.7	2735.2	2362.4	2612.8	3355.7	4160.1	4623.2			
G32.0	3627.8	2668.4	2299.4	2543.0	3317.1	4155.9	4632.3			
G33.0	3589.0	2607.0	2238.4	2488.0	3271.7	4155.5	4635.0			
G34.0	3554.3	2551.2	2182.9	2433.0	3234.5	4157.1	4650.8			
G35.0	3522.0	2490.6	2130.3	2373.5	3193.3	4155.5	4656.0			
G36.0	3485.5	2434.3	2074.9	2317.9	3151.4	4155.9	4668.0			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	3454.5	2378.3	2026.7	2269.6	3111.9	4154.2	4679.6			
G38.0	3414.0	2318.3	1986.1	2215.6	3070.4	4152.2	4687.5			
G39.0	3377.3	2262.1	1946.3	2164.0	3032.2	4149.8	4703.7			
G40.0	3345.1	2207.8	1909.9	2114.1	2989.0	4154.5	4707.9			
G41.0	3310.8	2160.0	1875.9	2070.5	2946.5	4153.8	4713.6			
G42.0	3275.7	2110.7	1847.5	2025.6	2904.2	4156.5	4727.2			
G43.0	3235.9	2061.7	1825.1	1987.7	2861.9	4157.7	4732.7			
G44.0	3197.2	2023.6	1802.5	1943.2	2824.0	4160.3	4740.6			
G45.0	3163.9	1987.7	1786.5	1909.7	2781.7	4160.5	4745.0			
G46.0	3122.9	1954.8	1764.8	1882.0	2742.2	4162.7	4749.5			
G47.0	3087.8	1922.3	1748.2	1843.5	2696.0	4167.8	4761.5			
G48.0	3045.8	1891.8	1735.6	1813.6	2649.5	4170.4	4766.1			
G49.0	3005.5	1867.3	1723.2	1785.5	2610.4	4173.3	4770.8			
G50.0	2962.9	1842.6	1714.6	1762.8	2565.0	4171.2	4779.5			
G51.0	2913.5	1825.8	1703.6	1743.3	2519.7	4175.3	4780.3			
G52.0	2855.1	1798.5	1697.8	1723.5	2468.7	4176.7	4782.1			
G53.0	2803.3	1777.8	1702.4	1703.2	2424.7	4176.5	4794.1			
G54.0	2755.6	1762.8	1704.8	1688.2	2373.7	4180.1	4803.4			
G55.0	2693.3	1746.9	1698.8	1676.7	2325.9	4185.6	4827.5			
G56.0	2635.5	1733.1	1685.8	1659.1	2267.8	4190.1	4848.0			
G57.0	2583.3	1705.4	1689.2	1648.6	2220.0	4202.8	4879.4			
G58.0	2528.7	1672.9	1693.4	1612.3	2167.4	4215.7	4924.8			
G59.0	2476.3	1644.0	1702.6	1600.3	2121.0	4234.1	4963.2			
G60.0	2419.9	1634.0	1666.2	1583.5	2071.0	4253.0	5019.1			
G61.0	2373.2	1617.7	1643.8	1578.6	2023.8	4280.1	5075.5			
G62.0	2322.8	1560.5	1623.8	1532.3	1975.4	4303.9	5163.5			
G63.0	2268.4	1530.6	1613.2	1497.0	1928.2	4331.4	5249.8			
G64.0	2186.1	1490.7	1511.4	1468.3	1873.8	4365.8	5353.0			
G65.0	2111.4	1446.4	1459.8	1443.6	1812.8	4398.2	5471.4			
G66.0	2008.2	1367.9	1409.8	1356.8	1739.9	4448.0	5604.4			
G67.0	1939.5	1311.1	1291.1	1303.2	1694.2	4496.3	5749.1			
G68.0	1835.8	1231.1	1204.7	1255.7	1630.4	4543.8	5916.8			
G69.0	1710.3	1141.0	1086.9	1147.9	1557.1	4594.8	6064.2			
G70.0	1622.2	1065.8	976.2	1078.1	1458.1	4657.1	6240.5			
G71.0	1525.8	952.4	851.0	968.2	1380.5	4722.2	6427.3			
G72.0	1414.4	839.5	735.4	862.0	1282.3	4785.0	6558.0			
G73.0	1332.3	713.7	612.4	734.8	1194.8	4793.3	6600.2			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	1215.9	605.5	516.7	601.0	1088.7	4715.6	6477.7			
G75.0	1131.6	521.4	438.3	514.2	998.8	4516.9	6186.4			
G76.0	1035.6	441.2	348.7	447.0	901.2	4205.6	5732.7			
G77.0	922.4	369.4	233.9	369.3	812.0	3807.9	5158.8			
G78.0	787.7	272.1	150.6	277.2	726.3	3407.4	4565.2			
G79.0	706.0	198.4	78.2	195.4	652.4	3031.6	3910.2			
G80.0	625.5	139.2	22.2	126.0	585.0	2640.8	3254.2			
G81.0	519.7	88.9	12.6	70.2	516.7	2298.7	2704.2			
G82.0	427.2	72.0	12.2	54.8	455.0	1923.3	2151.7			
G83.0	338.7	62.4	12.6	50.0	388.0	1535.9	1617.1			
G84.0	259.8	55.6	9.8	36.7	317.9	1155.2	1235.4			
G85.0	186.5	42.5	9.0	40.1	222.7	876.7	939.6			
G86.0	105.4	26.9	10.2	33.1	145.8	575.5	621.8			
G87.0	48.6	19.9	0.0	24.1	87.3	328.9	375.0			
G88.0	18.9	12.6	13.0	16.7	41.5	142.0	195.0			
G89.0	19.7	15.3	8.4	15.8	21.9	51.4	78.5			
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
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	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	0.0	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0			
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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