

Report No.:

Test Time: 2023/6/30 21:28

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.519 A
Power Factor: 0.997

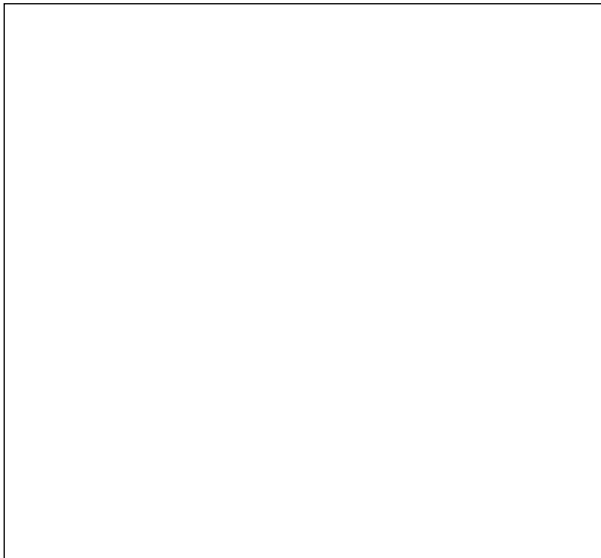
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 62.11 W

Photometric Results

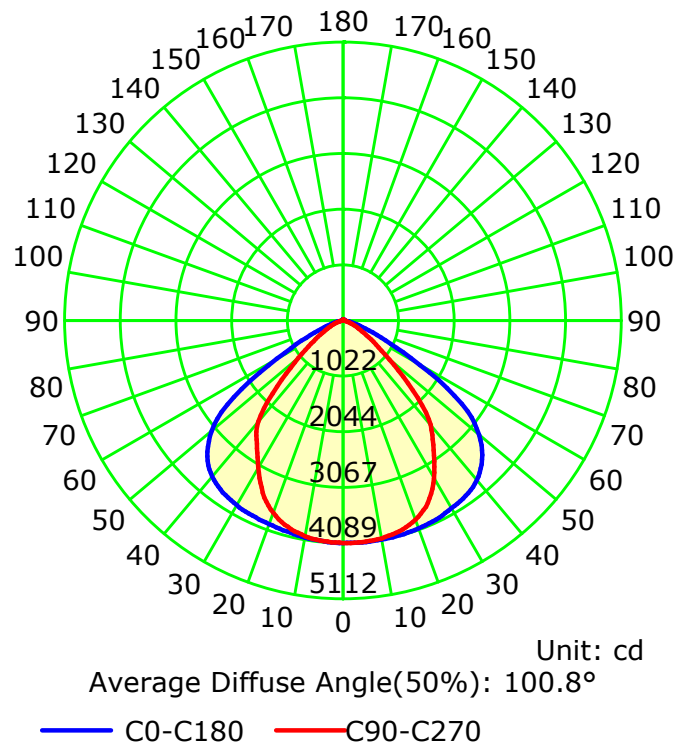
IES Classification: Type I
Total Rated Lamp Lumens: 9516.3 lm
Efficiency: 100%
Upward Ratio: 1%
C0r0 Intensity: 4085.34 cd
Pos of Max. Intensity: H0 V6
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 115.1, 86.6, 102.4, 101.4

Longitudinal Classification: Very Short
Measurement Flux: 9516.3 lm
Downward Ratio: 99%
Luminaire Efficacy Rating (LER): 153.27
Max. Intensity: 4089.61 cd

Picture Of Luminaire



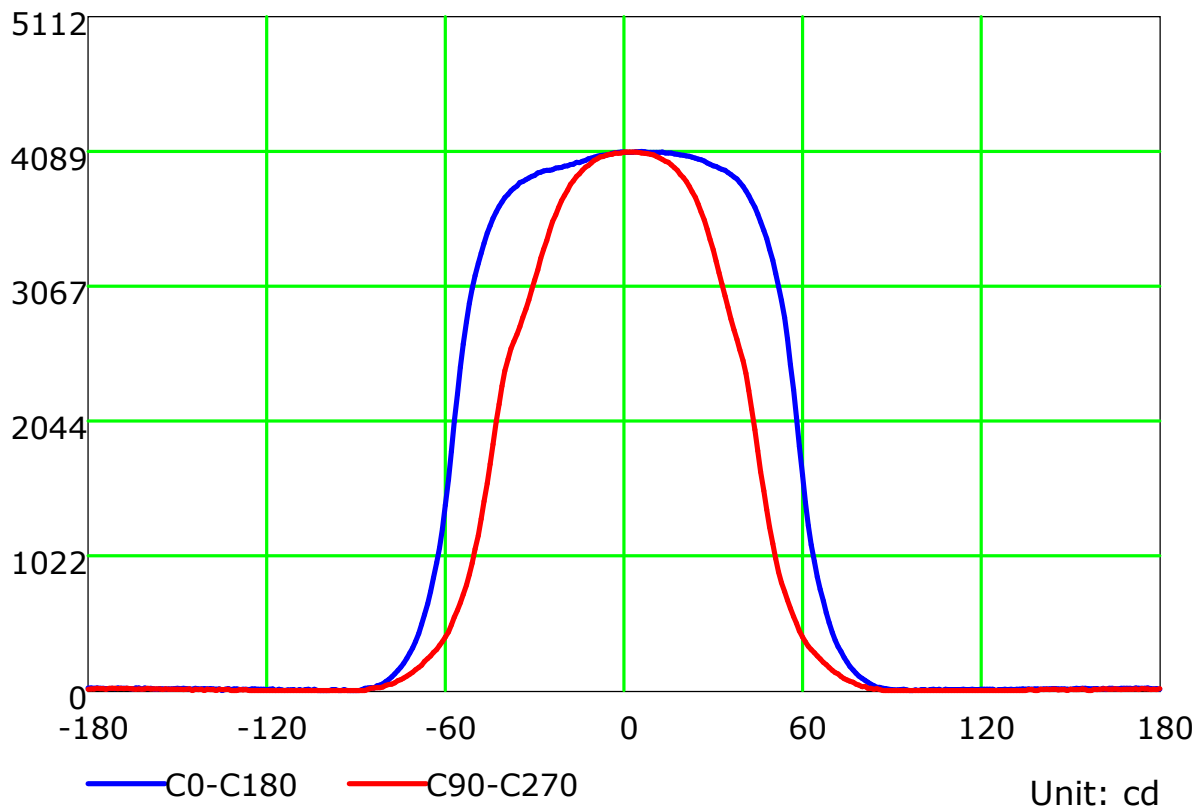
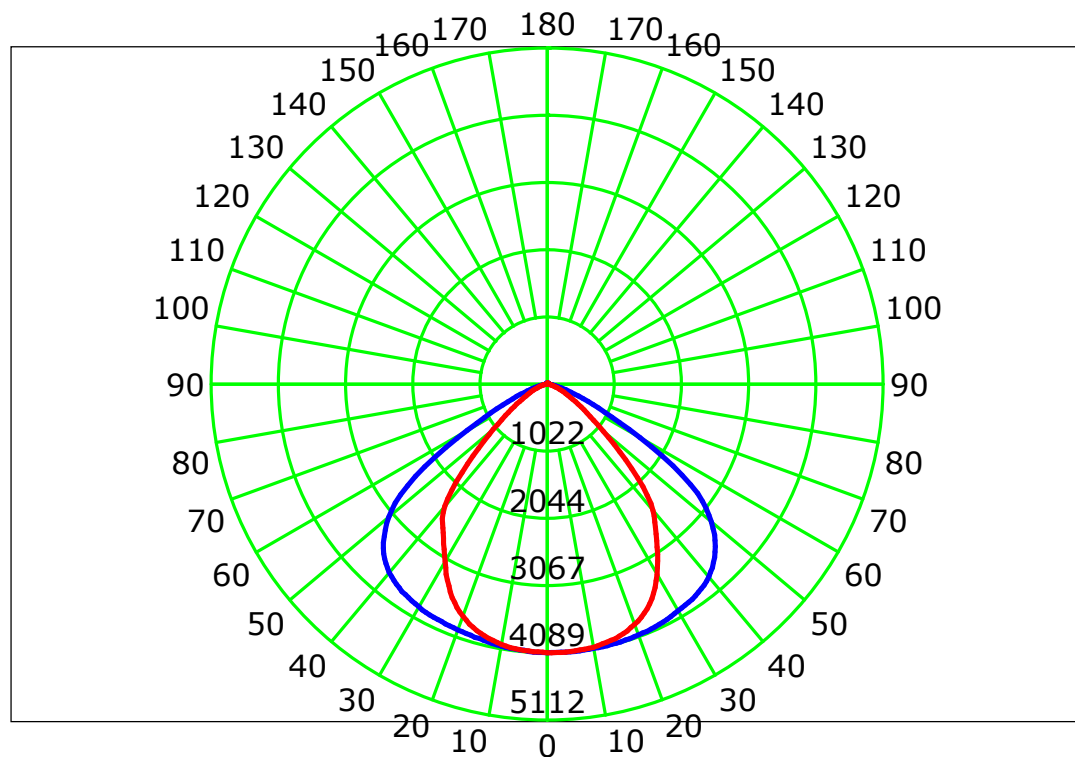
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

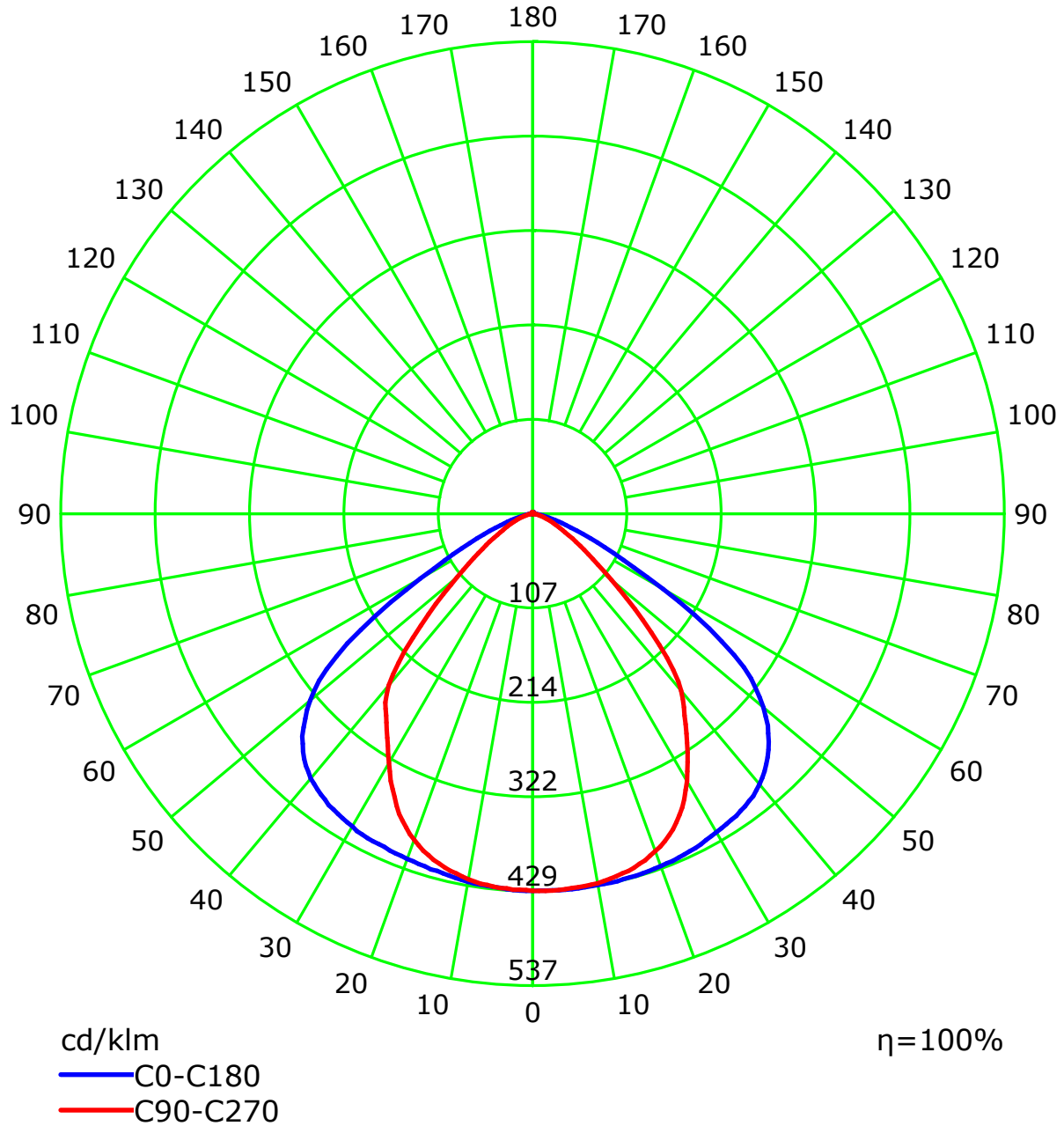
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

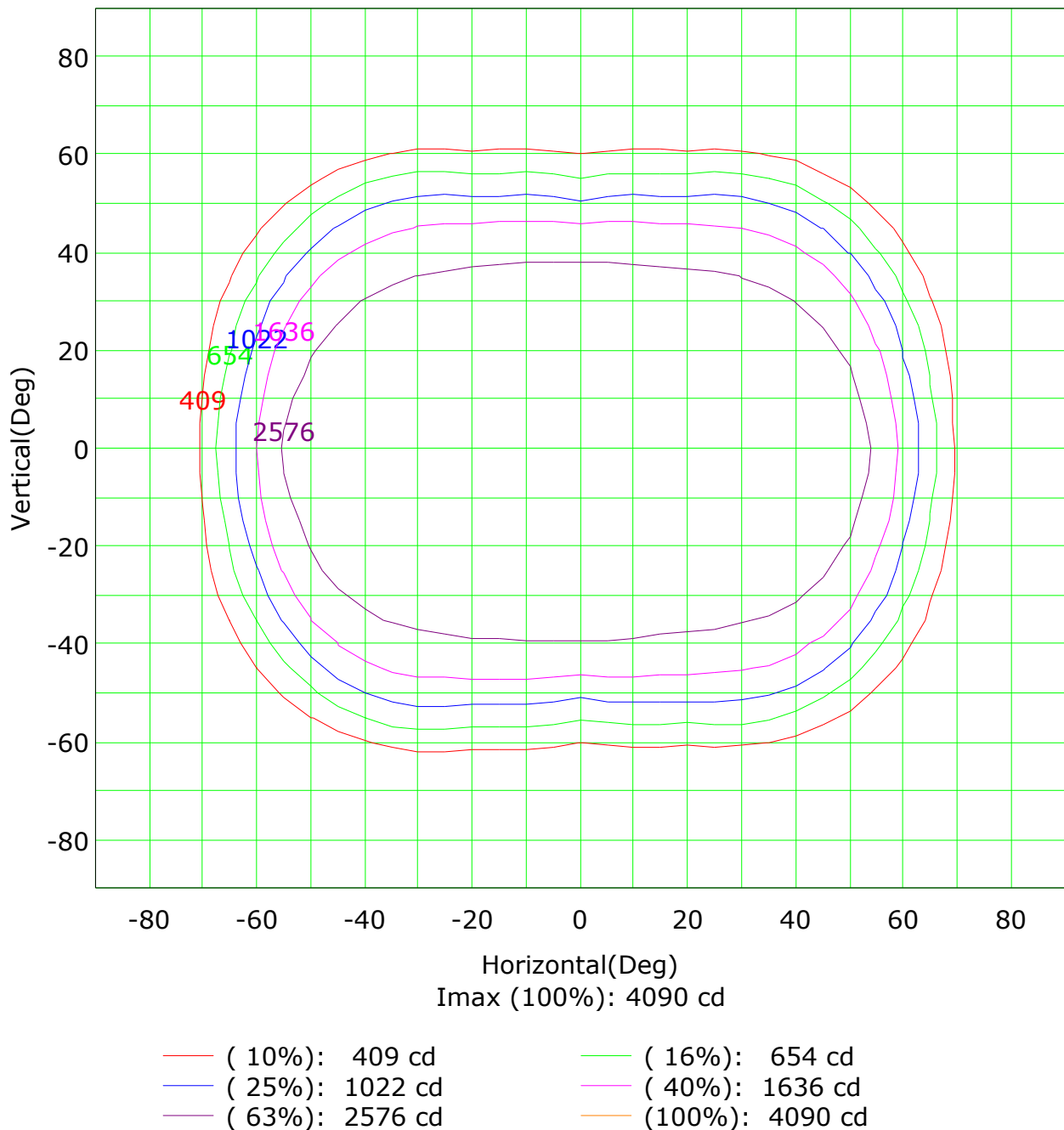
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

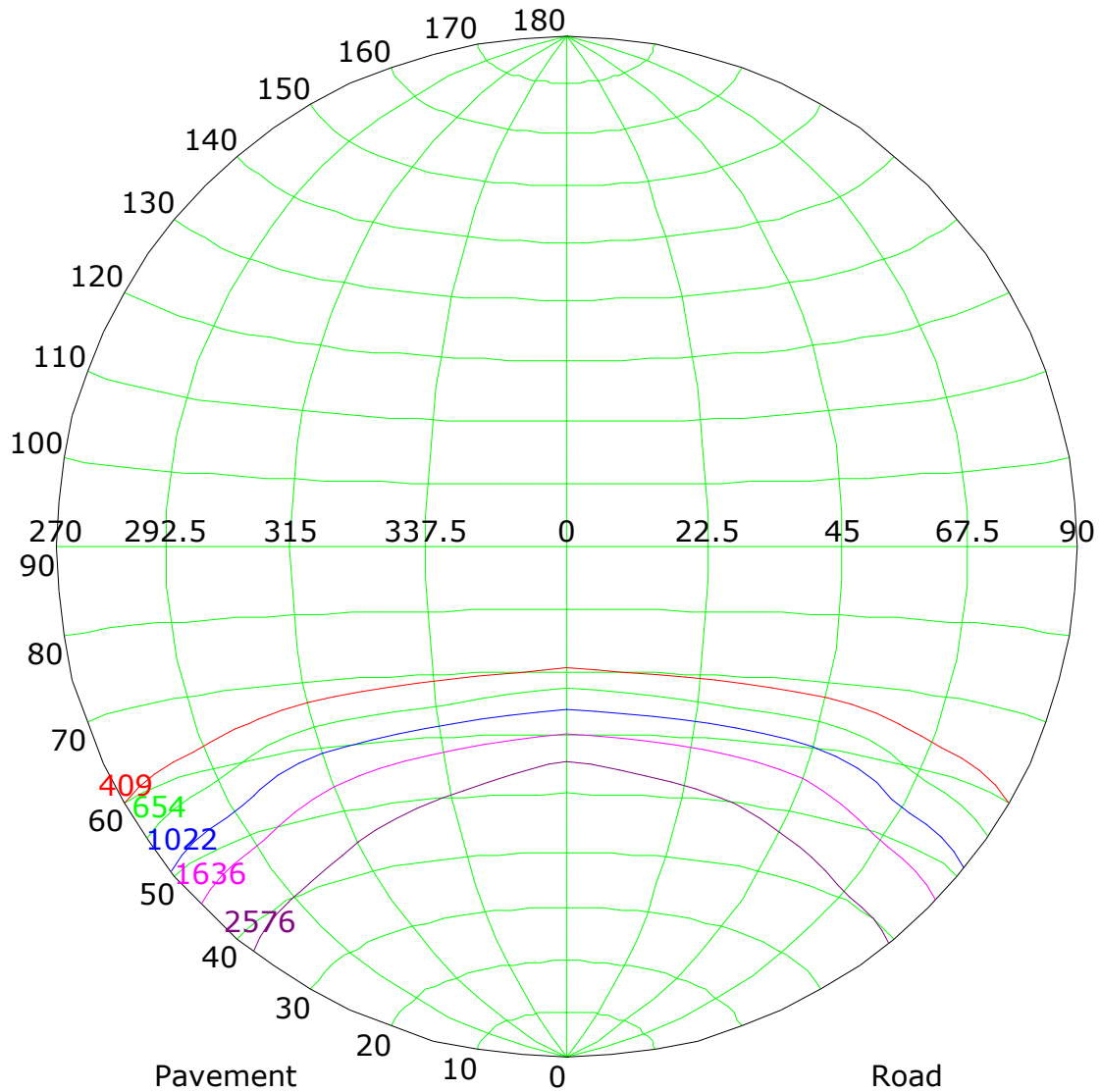
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 '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%): 4090 cd

(10%): 409 cd
(25%): 1022 cd
(63%): 2576 cd

(16%): 654 cd
(40%): 1636 cd
(100%): 4090 cd

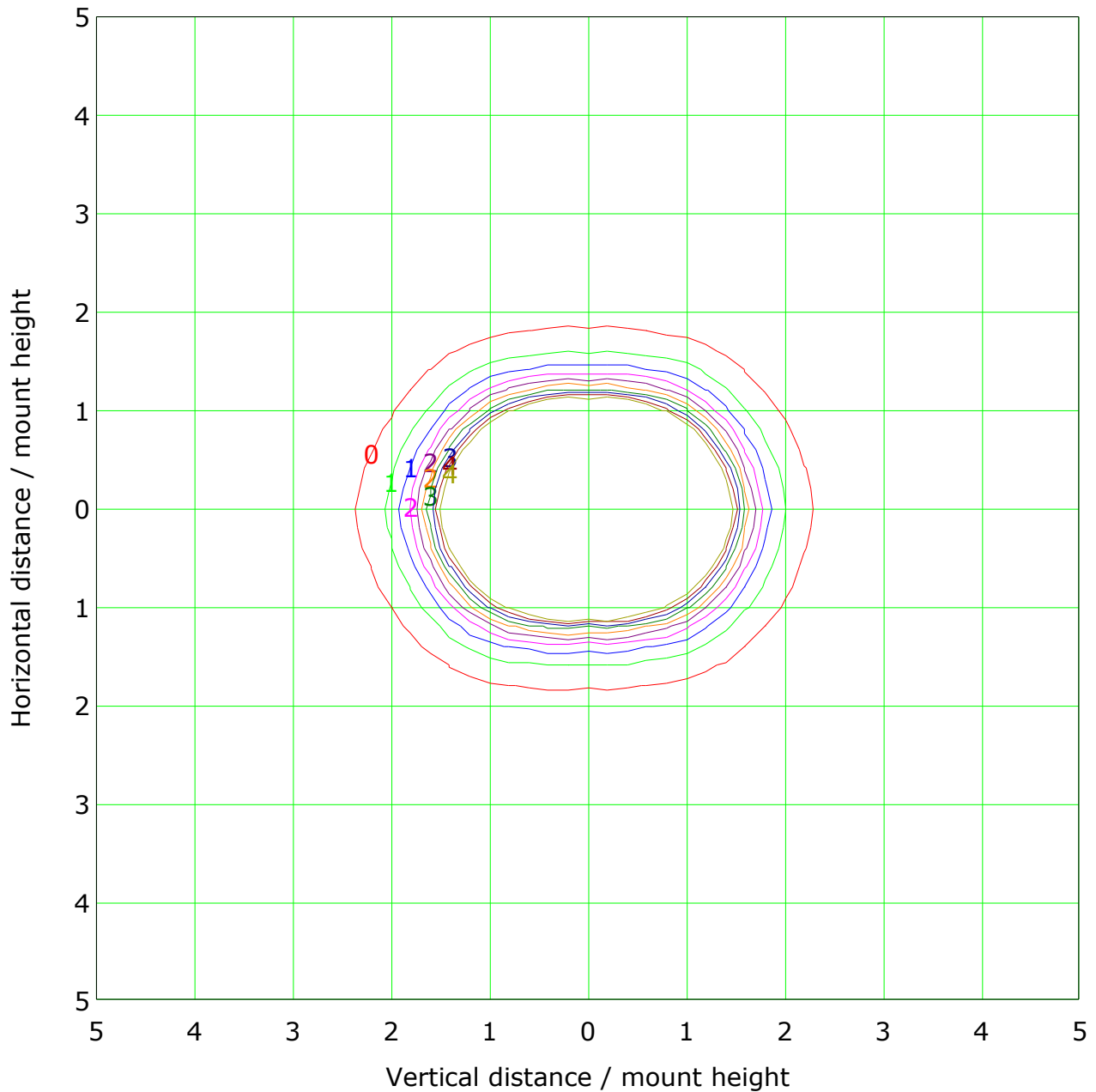
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 1.083 cd/klm

IES: Cut-off
Max.At80: 9.864 cd/klm
Max.80-90: 9.864 cd/klm

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 '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



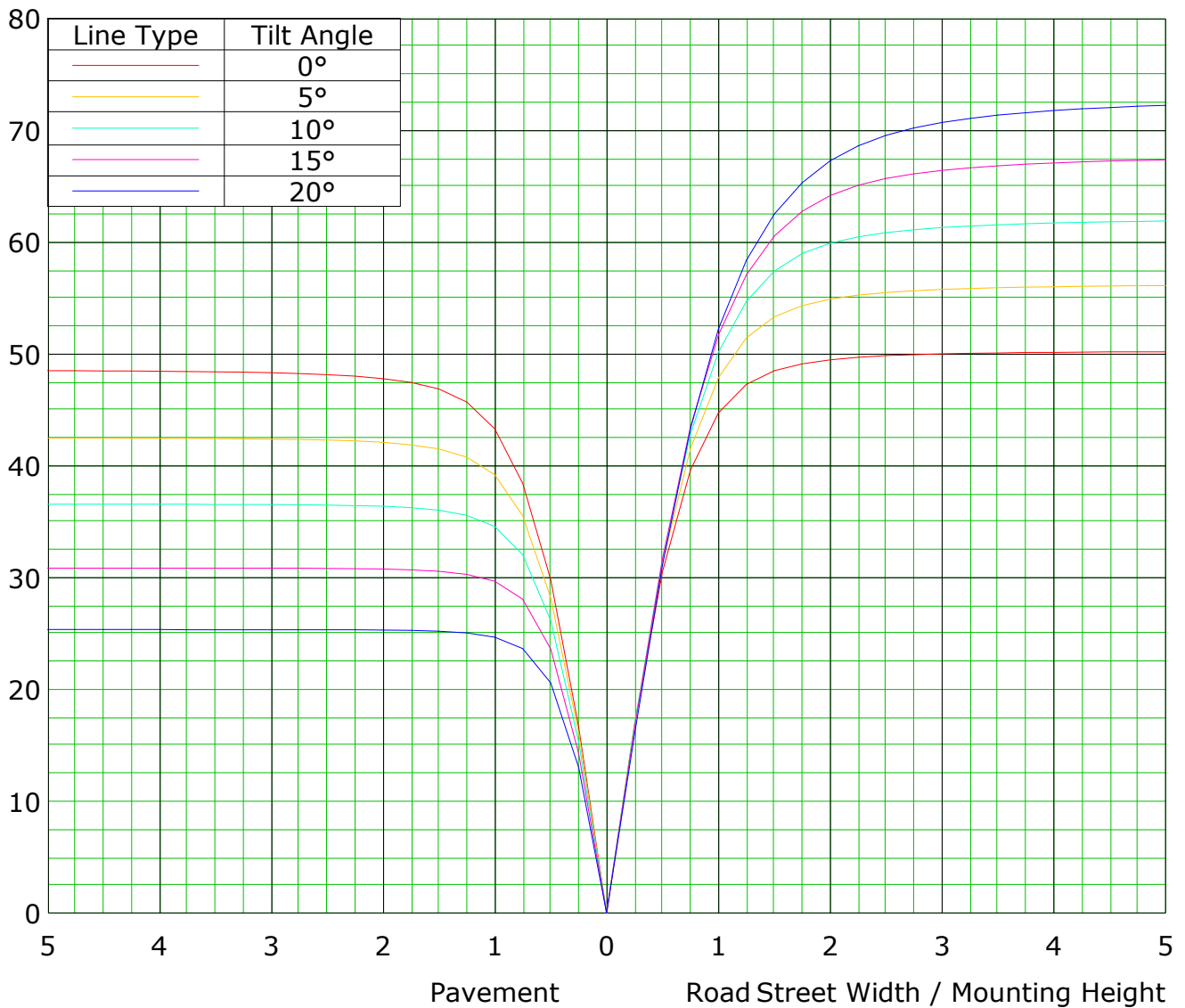
Mounting Height: 10.0m Max Lux(100%): 40.9 lx	
(1%): 0.4 lx	(2%): 0.8 lx
(3%): 1.2 lx	(4%): 1.6 lx
(5%): 2.0 lx	(6%): 2.5 lx
(7%): 2.9 lx	(8%): 3.3 lx
(9%): 3.7 lx	(10%): 4.1 lx

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 '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

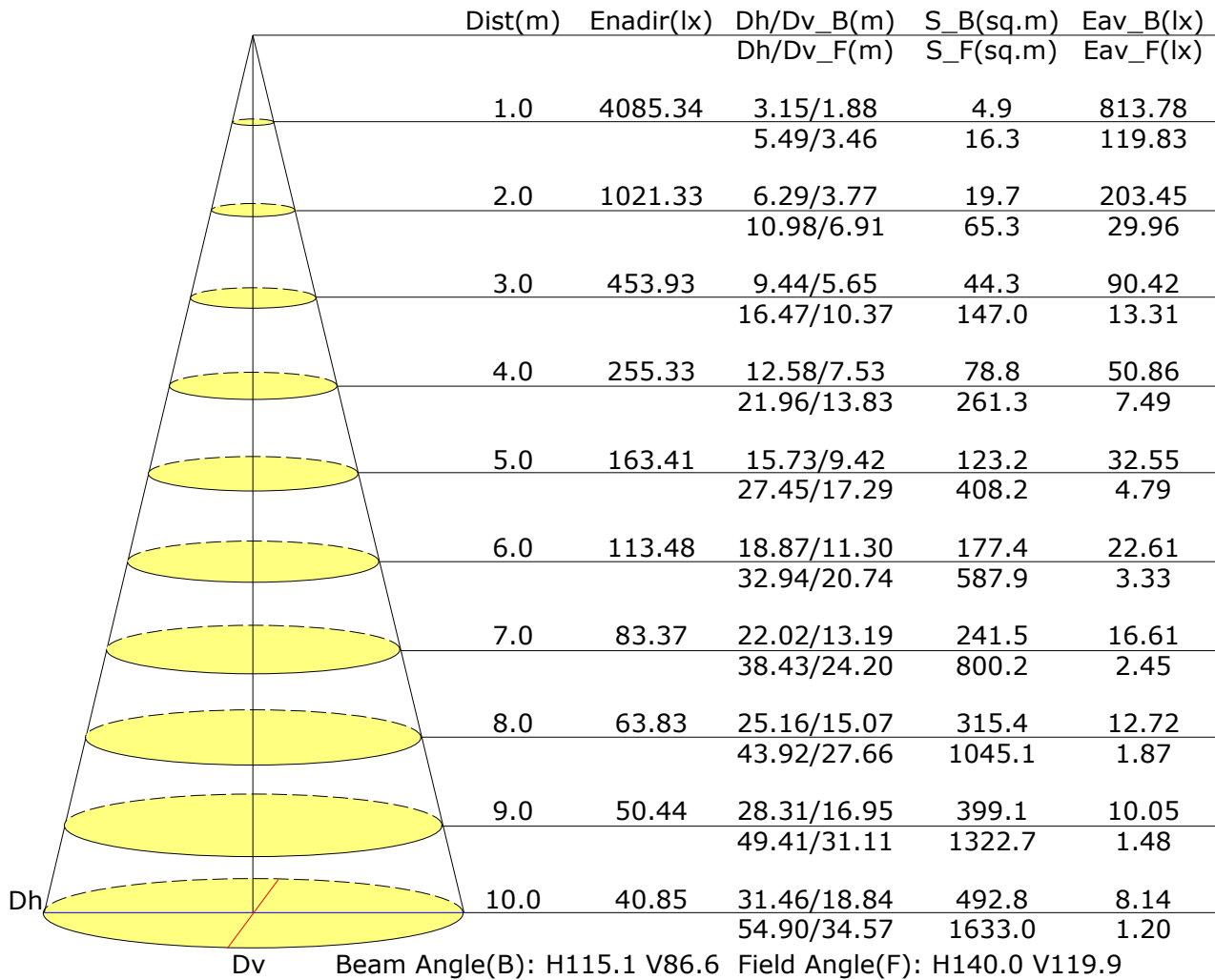
Efficiency(%)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

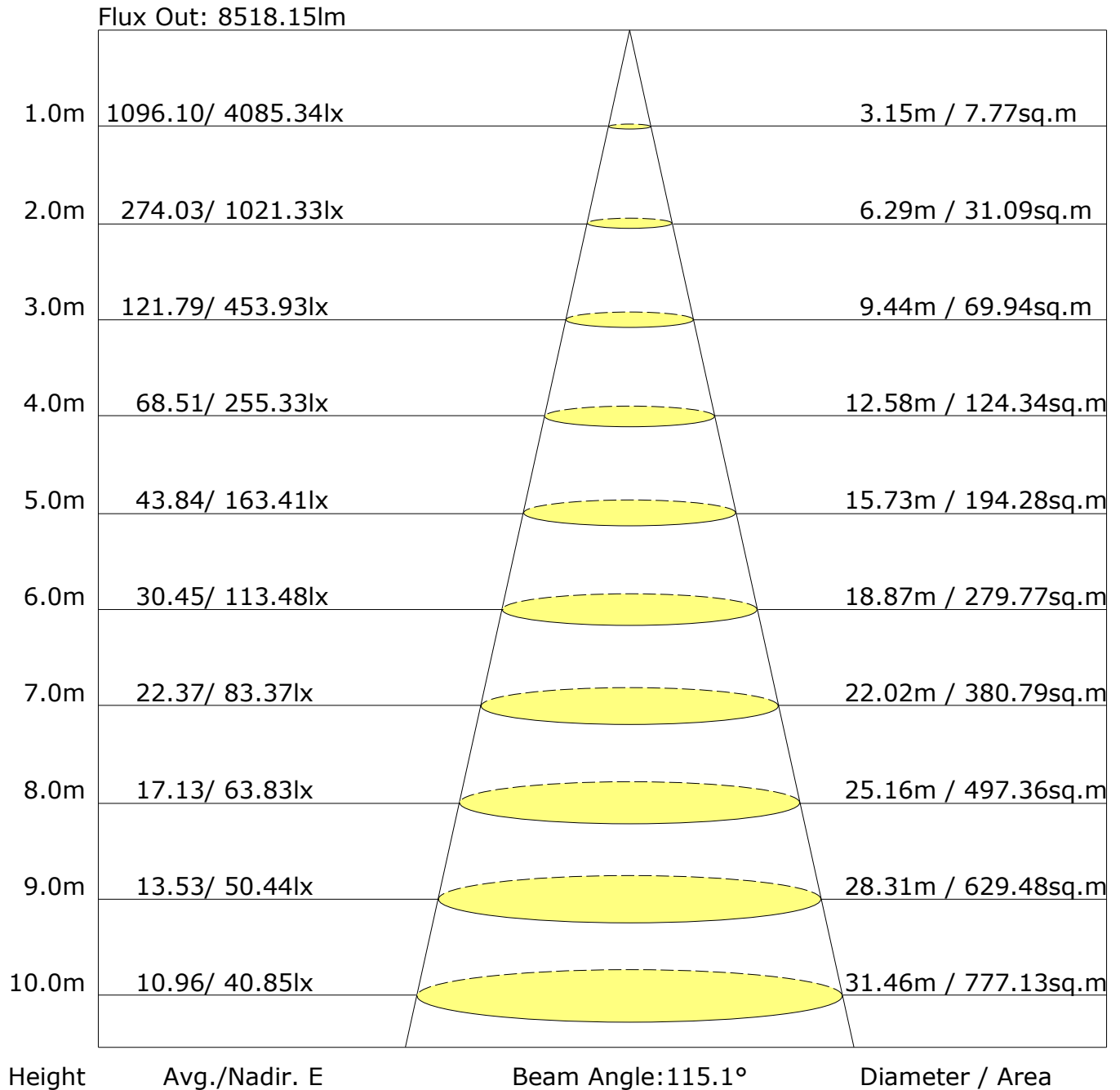
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

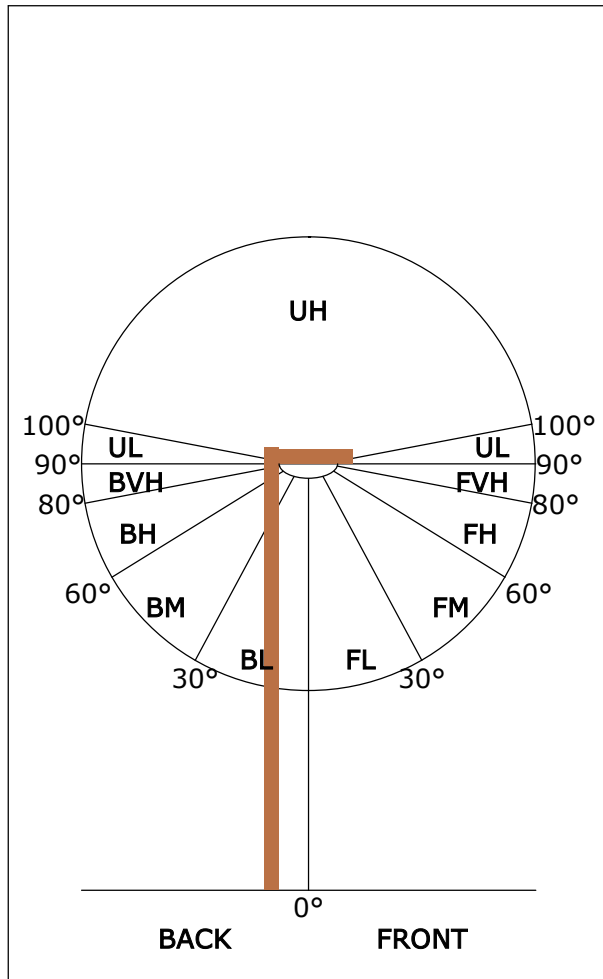
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °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	4817	50.6
FL (0°-30°)	1655	17.4
FM (30°-60°)	2801	29.4
FH (60°-80°)	347	3.7
FVH (80°-90°)	14	0.1
BACK LIGHT	4651	48.9
BL (0°-30°)	1622	17.0
BM (30°-60°)	2683	28.2
BH (60°-80°)	334	3.5
BVH (80°-90°)	13	0.1
UP LIGHT	48	0.5
UL (90°-100°)	3	0.0
UH (100°-180°)	44	0.5
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U2 G1

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 '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	4084.7	3.9	3.9	0.04	0.04
1.0-2.0	4083.8	11.7	15.6	0.12	0.16
2.0-3.0	4082.9	19.5	35.2	0.21	0.37
3.0-4.0	4081.2	27.3	62.5	0.29	0.66
4.0-5.0	4078.8	35.1	97.6	0.37	1.03
5.0-6.0	4075.9	42.8	140.4	0.45	1.48
6.0-7.0	4072.2	50.6	191.0	0.53	2.01
7.0-8.0	4068.3	58.2	249.2	0.61	2.62
8.0-9.0	4063.3	65.9	315.1	0.69	3.31
9.0-10.0	4057.0	73.4	388.5	0.77	4.08
10.0-11.0	4050.1	80.9	469.4	0.85	4.93
11.0-12.0	4042.3	88.4	557.8	0.93	5.86
12.0-13.0	4034.1	95.7	653.6	1.01	6.87
13.0-14.0	4024.3	103.0	756.6	1.08	7.95
14.0-15.0	4013.7	110.2	866.8	1.16	9.11
15.0-16.0	4003.4	117.3	984.1	1.23	10.34
16.0-17.0	3990.4	124.3	1108.4	1.31	11.65
17.0-18.0	3975.4	131.1	1239.5	1.38	13.02
18.0-19.0	3960.1	137.8	1377.3	1.45	14.47
19.0-20.0	3942.0	144.3	1521.6	1.52	15.99
20.0-21.0	3922.6	150.6	1672.2	1.58	17.57
21.0-22.0	3902.2	156.8	1829.0	1.65	19.22
22.0-23.0	3879.8	162.8	1991.9	1.71	20.93
23.0-24.0	3854.9	168.6	2160.4	1.77	22.70
24.0-25.0	3827.2	174.0	2334.5	1.83	24.53
25.0-26.0	3797.0	179.3	2513.7	1.88	26.42
26.0-27.0	3763.9	184.2	2697.9	1.94	28.35
27.0-28.0	3727.5	188.7	2886.6	1.98	30.33
28.0-29.0	3687.5	193.0	3079.6	2.03	32.36
29.0-30.0	3645.3	196.8	3276.4	2.07	34.43
30.0-31.0	3600.9	200.4	3476.9	2.11	36.54
31.0-32.0	3553.8	203.6	3680.5	2.14	38.68
32.0-33.0	3503.8	206.4	3886.9	2.17	40.85
33.0-34.0	3452.3	209.0	4095.9	2.20	43.04
34.0-35.0	3399.9	211.2	4307.1	2.22	45.26
35.0-36.0	3344.5	213.0	4520.0	2.24	47.50

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	3286.6	214.4	4734.4	2.25	49.75
37.0-38.0	3228.6	215.5	4949.9	2.26	52.02
38.0-39.0	3169.2	216.3	5166.3	2.27	54.29
39.0-40.0	3107.8	216.8	5383.1	2.28	56.57
40.0-41.0	3040.8	216.6	5599.6	2.28	58.84
41.0-42.0	2966.1	215.5	5815.2	2.26	61.11
42.0-43.0	2884.9	213.7	6028.9	2.25	63.35
43.0-44.0	2796.6	211.1	6240.0	2.22	65.57
44.0-45.0	2701.8	207.7	6447.7	2.18	67.75
45.0-46.0	2601.6	203.5	6651.1	2.14	69.89
46.0-47.0	2497.0	198.6	6849.8	2.09	71.98
47.0-48.0	2387.8	193.1	7042.8	2.03	74.01
48.0-49.0	2276.0	186.9	7229.8	1.96	75.97
49.0-50.0	2162.1	180.3	7410.0	1.89	77.87
50.0-51.0	2046.8	173.2	7583.2	1.82	79.69
51.0-52.0	1931.6	165.8	7749.0	1.74	81.43
52.0-53.0	1817.4	158.1	7907.1	1.66	83.09
53.0-54.0	1702.6	150.1	8057.2	1.58	84.67
54.0-55.0	1584.3	141.4	8198.7	1.49	86.15
55.0-56.0	1463.0	132.2	8330.9	1.39	87.54
56.0-57.0	1340.3	122.6	8453.4	1.29	88.83
57.0-58.0	1215.9	112.5	8565.9	1.18	90.01
58.0-59.0	1093.2	102.2	8668.1	1.07	91.09
59.0-60.0	976.9	92.3	8760.4	0.97	92.06
60.0-61.0	868.2	82.9	8843.3	0.87	92.93
61.0-62.0	769.5	74.2	8917.4	0.78	93.71
62.0-63.0	683.3	66.5	8983.9	0.70	94.41
63.0-64.0	607.4	59.6	9043.5	0.63	95.03
64.0-65.0	538.0	53.3	9096.8	0.56	95.59
65.0-66.0	476.7	47.6	9144.3	0.50	96.09
66.0-67.0	423.7	42.6	9186.9	0.45	96.54
67.0-68.0	374.5	37.9	9224.9	0.40	96.94
68.0-69.0	329.7	33.6	9258.5	0.35	97.29
69.0-70.0	290.0	29.8	9288.3	0.31	97.60
70.0-71.0	254.7	26.3	9314.6	0.28	97.88
71.0-72.0	223.9	23.3	9337.9	0.24	98.13

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	196.5	20.6	9358.5	0.22	98.34
73.0-74.0	171.0	18.0	9376.5	0.19	98.53
74.0-75.0	147.5	15.6	9392.0	0.16	98.69
75.0-76.0	126.7	13.5	9405.5	0.14	98.84
76.0-77.0	107.7	11.5	9417.0	0.12	98.96
77.0-78.0	90.5	9.7	9426.7	0.10	99.06
78.0-79.0	76.6	8.2	9434.9	0.09	99.15
79.0-80.0	64.3	6.9	9441.8	0.07	99.22
80.0-81.0	53.2	5.8	9447.6	0.06	99.28
81.0-82.0	44.5	4.8	9452.4	0.05	99.33
82.0-83.0	36.9	4.0	9456.4	0.04	99.37
83.0-84.0	30.3	3.3	9459.7	0.03	99.41
84.0-85.0	25.0	2.7	9462.5	0.03	99.43
85.0-86.0	20.2	2.2	9464.7	0.02	99.46
86.0-87.0	14.4	1.6	9466.2	0.02	99.47
87.0-88.0	9.9	1.1	9467.3	0.01	99.49
88.0-89.0	6.5	0.7	9468.0	0.01	99.49
89.0-90.0	4.4	0.5	9468.5	0.01	99.50
90.0-91.0	4.6	0.5	9469.0	0.01	99.50
91.0-92.0	4.0	0.4	9469.5	0.00	99.51
92.0-93.0	3.3	0.4	9469.8	0.00	99.51
93.0-94.0	3.8	0.4	9470.2	0.00	99.52
94.0-95.0	3.1	0.3	9470.6	0.00	99.52
95.0-96.0	2.7	0.3	9470.9	0.00	99.52
96.0-97.0	2.9	0.3	9471.2	0.00	99.53
97.0-98.0	2.7	0.3	9471.5	0.00	99.53
98.0-99.0	2.1	0.2	9471.7	0.00	99.53
99.0-100.0	2.5	0.3	9472.0	0.00	99.53
100.0-101.0	3.9	0.4	9472.4	0.00	99.54
101.0-102.0	3.6	0.4	9472.8	0.00	99.54
102.0-103.0	3.2	0.3	9473.1	0.00	99.55
103.0-104.0	4.0	0.4	9473.5	0.00	99.55
104.0-105.0	4.5	0.5	9474.0	0.00	99.56
105.0-106.0	4.3	0.5	9474.5	0.00	99.56
106.0-107.0	3.5	0.4	9474.8	0.00	99.56
107.0-108.0	3.4	0.4	9475.2	0.00	99.57

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	4.5	0.5	9475.7	0.00	99.57
109.0-110.0	3.9	0.4	9476.1	0.00	99.58
110.0-111.0	4.1	0.4	9476.5	0.00	99.58
111.0-112.0	5.4	0.6	9477.1	0.01	99.59
112.0-113.0	5.7	0.6	9477.6	0.01	99.59
113.0-114.0	5.1	0.5	9478.1	0.01	99.60
114.0-115.0	4.6	0.5	9478.6	0.00	99.60
115.0-116.0	4.8	0.5	9479.1	0.00	99.61
116.0-117.0	5.0	0.5	9479.6	0.01	99.61
117.0-118.0	5.7	0.6	9480.1	0.01	99.62
118.0-119.0	6.5	0.6	9480.7	0.01	99.63
119.0-120.0	6.5	0.6	9481.4	0.01	99.63
120.0-121.0	7.5	0.7	9482.1	0.01	99.64
121.0-122.0	8.0	0.8	9482.8	0.01	99.65
122.0-123.0	7.4	0.7	9483.5	0.01	99.66
123.0-124.0	7.5	0.7	9484.2	0.01	99.66
124.0-125.0	7.1	0.6	9484.8	0.01	99.67
125.0-126.0	6.5	0.6	9485.4	0.01	99.68
126.0-127.0	7.1	0.6	9486.0	0.01	99.68
127.0-128.0	7.9	0.7	9486.7	0.01	99.69
128.0-129.0	7.6	0.7	9487.4	0.01	99.70
129.0-130.0	7.8	0.7	9488.0	0.01	99.70
130.0-131.0	8.3	0.7	9488.7	0.01	99.71
131.0-132.0	7.9	0.7	9489.4	0.01	99.72
132.0-133.0	8.7	0.7	9490.1	0.01	99.72
133.0-134.0	9.1	0.7	9490.8	0.01	99.73
134.0-135.0	8.8	0.7	9491.5	0.01	99.74
135.0-136.0	10.0	0.8	9492.3	0.01	99.75
136.0-137.0	10.4	0.8	9493.1	0.01	99.76
137.0-138.0	10.5	0.8	9493.8	0.01	99.76
138.0-139.0	10.9	0.8	9494.6	0.01	99.77
139.0-140.0	11.2	0.8	9495.4	0.01	99.78
140.0-141.0	11.4	0.8	9496.2	0.01	99.79
141.0-142.0	11.6	0.8	9497.0	0.01	99.80
142.0-143.0	12.2	0.8	9497.8	0.01	99.81
143.0-144.0	12.6	0.8	9498.6	0.01	99.82

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	12.4	0.8	9499.4	0.01	99.82
145.0-146.0	12.6	0.8	9500.2	0.01	99.83
146.0-147.0	13.5	0.8	9501.0	0.01	99.84
147.0-148.0	13.7	0.8	9501.8	0.01	99.85
148.0-149.0	13.0	0.7	9502.6	0.01	99.86
149.0-150.0	13.3	0.7	9503.3	0.01	99.86
150.0-151.0	14.2	0.8	9504.1	0.01	99.87
151.0-152.0	14.1	0.7	9504.8	0.01	99.88
152.0-153.0	14.0	0.7	9505.5	0.01	99.89
153.0-154.0	14.6	0.7	9506.3	0.01	99.90
154.0-155.0	14.9	0.7	9507.0	0.01	99.90
155.0-156.0	14.5	0.7	9507.6	0.01	99.91
156.0-157.0	13.6	0.6	9508.2	0.01	99.92
157.0-158.0	13.9	0.6	9508.8	0.01	99.92
158.0-159.0	15.6	0.6	9509.4	0.01	99.93
159.0-160.0	16.0	0.6	9510.0	0.01	99.93
160.0-161.0	15.7	0.6	9510.6	0.01	99.94
161.0-162.0	15.7	0.5	9511.2	0.01	99.95
162.0-163.0	16.1	0.5	9511.7	0.01	99.95
163.0-164.0	16.4	0.5	9512.2	0.01	99.96
164.0-165.0	16.1	0.5	9512.7	0.00	99.96
165.0-166.0	15.9	0.4	9513.1	0.00	99.97
166.0-167.0	16.1	0.4	9513.5	0.00	99.97
167.0-168.0	16.7	0.4	9513.9	0.00	99.98
168.0-169.0	17.4	0.4	9514.3	0.00	99.98
169.0-170.0	17.7	0.4	9514.7	0.00	99.98
170.0-171.0	16.6	0.3	9515.0	0.00	99.99
171.0-172.0	16.1	0.3	9515.2	0.00	99.99
172.0-173.0	16.6	0.2	9515.5	0.00	99.99
173.0-174.0	16.7	0.2	9515.7	0.00	99.99
174.0-175.0	17.1	0.2	9515.8	0.00	100.00
175.0-176.0	17.1	0.1	9516.0	0.00	100.00
176.0-177.0	16.6	0.1	9516.1	0.00	100.00
177.0-178.0	16.6	0.1	9516.2	0.00	100.00
178.0-179.0	16.9	0.0	9516.2	0.00	100.00
179.0-180.0	16.9	0.0	9516.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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°): 6447.66 lm

%lum = 67.8%

%lamp = 67.8%

cone flux(120°): 8760.41 lm

%lum = 92.1%

%lamp = 92.1%

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	4085.3	4085.3	4085.3	4085.3	4085.3	4085.3	4085.3	4085.3	4085.3	4085.3
G1.0	4083.4	4082.6	4085.3	4083.9	4086.6	4083.7	4086.2	4086.8	4085.3	4081.6
G2.0	4083.2	4086.2	4087.9	4086.8	4086.8	4085.7	4082.0	4089.0	4083.0	4079.8
G3.0	4083.6	4084.3	4087.7	4085.0	4086.8	4080.2	4077.6	4085.7	4080.7	4075.6
G4.0	4088.0	4087.5	4085.0	4079.9	4085.9	4079.3	4074.8	4083.9	4076.1	4074.4
G5.0	4088.5	4082.8	4086.2	4079.0	4082.6	4076.8	4070.7	4082.0	4066.0	4071.1
G6.0	4089.6	4086.1	4082.6	4082.6	4078.3	4072.9	4071.3	4079.9	4063.3	4067.5
G7.0	4089.4	4085.7	4078.8	4075.4	4076.0	4071.5	4069.3	4076.9	4060.9	4063.4
G8.0	4083.9	4085.3	4077.4	4072.1	4073.1	4069.3	4068.6	4077.0	4058.2	4062.5
G9.0	4083.2	4080.5	4074.7	4066.7	4068.7	4065.9	4060.0	4070.2	4055.0	4054.5
G10.0	4083.0	4084.6	4074.8	4062.4	4064.2	4057.4	4053.3	4065.1	4047.7	4049.1
G11.0	4082.5	4084.3	4071.9	4051.2	4052.4	4047.8	4047.5	4066.1	4038.8	4044.1
G12.0	4084.6	4079.6	4071.8	4047.2	4041.4	4041.2	4041.0	4058.9	4033.9	4039.6
G13.0	4084.8	4077.9	4060.0	4037.4	4030.7	4025.0	4033.3	4059.0	4023.1	4033.3
G14.0	4079.0	4074.5	4056.4	4024.4	4015.0	4017.9	4027.1	4051.1	4014.4	4021.0
G15.0	4079.0	4074.2	4050.6	4012.4	4007.1	4002.4	4019.0	4047.2	4005.1	4015.8
G16.0	4079.3	4065.5	4044.6	3999.8	3988.5	3985.0	4014.8	4040.7	4008.0	4008.8
G17.0	4072.6	4060.7	4033.2	3976.3	3966.0	3965.6	4001.8	4035.8	3994.3	3999.4
G18.0	4069.7	4061.2	4023.8	3959.3	3947.3	3946.9	3988.2	4029.6	3991.5	3988.8
G19.0	4064.6	4054.7	4014.4	3937.2	3916.6	3923.0	3983.5	4024.6	3982.1	3978.9
G20.0	4061.7	4048.4	3991.8	3914.8	3890.5	3895.3	3960.1	4015.6	3979.8	3965.8
G21.0	4056.8	4039.6	3978.4	3891.8	3862.9	3867.7	3947.4	4007.2	3970.5	3956.9
G22.0	4055.4	4032.7	3963.8	3869.2	3826.7	3837.3	3932.5	3996.6	3968.1	3943.6
G23.0	4046.8	4030.2	3952.0	3838.1	3784.5	3809.0	3912.1	3989.0	3964.9	3934.1
G24.0	4041.0	4026.8	3934.1	3798.3	3743.7	3768.2	3891.8	3982.5	3951.7	3917.9
G25.0	4032.6	4020.7	3912.6	3757.0	3689.3	3729.9	3866.5	3970.8	3948.4	3905.1
G26.0	4028.0	4004.8	3893.6	3714.0	3632.1	3684.2	3838.9	3958.8	3948.4	3894.8
G27.0	4018.4	4003.2	3866.3	3664.3	3570.5	3630.3	3811.3	3950.7	3943.2	3880.2
G28.0	4003.4	3991.3	3840.4	3605.7	3501.8	3575.5	3776.3	3935.7	3933.8	3862.2
G29.0	3993.1	3977.3	3809.3	3546.7	3421.8	3507.5	3739.3	3922.5	3929.2	3844.6
G30.0	3982.2	3962.3	3775.1	3476.9	3346.1	3437.6	3705.4	3907.8	3909.8	3828.5
G31.0	3975.7	3949.9	3739.1	3401.8	3257.2	3358.0	3663.8	3892.0	3901.3	3808.6
G32.0	3964.9	3930.7	3697.3	3329.1	3170.9	3278.4	3619.2	3877.3	3889.3	3788.7
G33.0	3954.0	3918.6	3640.6	3244.8	3084.7	3189.6	3562.9	3854.0	3876.7	3763.0
G34.0	3946.4	3903.6	3590.5	3163.4	2992.0	3107.6	3500.1	3832.7	3863.5	3732.6
G35.0	3930.6	3877.9	3535.7	3079.7	2909.3	3013.6	3438.0	3811.9	3855.6	3701.8
G36.0	3917.0	3858.8	3468.0	2985.6	2821.0	2926.3	3356.7	3784.0	3828.8	3668.8

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	3896.5	3830.7	3387.4	2899.7	2736.4	2839.8	3280.0	3751.2	3812.3	3624.7
G38.0	3881.6	3794.3	3310.3	2812.3	2664.5	2757.6	3198.5	3717.8	3791.1	3584.7
G39.0	3855.4	3755.8	3224.7	2734.2	2585.2	2680.8	3106.4	3682.5	3765.9	3533.4
G40.0	3825.0	3714.0	3142.6	2663.6	2505.9	2606.8	3023.9	3632.8	3742.2	3475.0
G41.0	3792.0	3660.2	3042.3	2594.0	2406.9	2533.7	2930.4	3582.3	3706.3	3411.3
G42.0	3754.8	3603.1	2960.6	2522.4	2277.1	2450.4	2843.4	3512.1	3671.9	3352.6
G43.0	3710.9	3540.8	2870.8	2435.7	2136.0	2350.4	2753.8	3444.0	3631.6	3272.1
G44.0	3668.2	3470.7	2790.9	2327.9	1979.7	2232.6	2676.2	3369.7	3583.4	3185.3
G45.0	3614.2	3388.2	2716.0	2202.2	1819.1	2105.7	2592.9	3278.0	3526.2	3096.7
G46.0	3556.8	3284.3	2635.6	2067.8	1659.2	1972.4	2514.9	3182.0	3470.9	3006.5
G47.0	3490.2	3189.3	2554.6	1937.9	1515.7	1836.9	2431.7	3078.8	3394.6	2909.8
G48.0	3430.1	3086.8	2461.2	1787.1	1372.9	1702.8	2335.3	2968.0	3318.1	2805.1
G49.0	3347.7	2970.8	2373.8	1650.7	1239.7	1563.1	2233.8	2848.9	3239.8	2686.3
G50.0	3264.5	2851.8	2273.8	1510.3	1116.9	1416.9	2128.3	2712.2	3149.2	2572.6
G51.0	3166.2	2730.8	2166.1	1379.4	1002.6	1288.3	2018.0	2588.5	3050.5	2457.6
G52.0	3065.8	2591.4	2053.6	1260.2	898.6	1170.6	1902.0	2461.4	2936.1	2343.9
G53.0	2962.3	2466.2	1937.6	1142.8	820.2	1057.1	1781.0	2337.0	2796.1	2229.8
G54.0	2831.2	2336.9	1813.4	1033.2	750.4	956.6	1658.2	2204.7	2628.4	2094.5
G55.0	2666.5	2216.4	1671.3	926.3	685.4	863.3	1516.4	2050.5	2452.9	1957.5
G56.0	2473.5	2065.5	1537.6	846.5	624.6	788.9	1390.8	1893.7	2249.2	1799.6
G57.0	2282.9	1898.2	1405.2	772.4	563.0	717.7	1264.1	1713.5	2040.0	1630.8
G58.0	2072.1	1715.1	1282.5	694.4	512.3	649.2	1135.9	1529.0	1814.1	1459.4
G59.0	1854.6	1527.1	1165.3	633.8	453.0	588.3	1028.8	1365.1	1601.7	1282.7
G60.0	1634.9	1359.3	1041.6	568.9	406.9	519.3	928.7	1209.3	1406.4	1135.1
G61.0	1425.5	1199.0	937.9	506.6	371.2	468.6	831.7	1053.7	1227.7	1007.2
G62.0	1251.1	1051.3	836.9	454.4	337.3	416.3	739.9	927.5	1084.1	879.7
G63.0	1105.4	921.5	739.4	408.1	312.8	381.2	652.1	816.9	969.5	779.6
G64.0	979.8	808.0	642.1	374.1	288.6	351.7	565.9	715.1	857.0	686.8
G65.0	863.1	698.7	561.2	346.2	262.6	316.6	494.3	626.5	751.6	613.5
G66.0	769.7	618.0	487.9	316.7	240.7	295.2	435.4	558.8	659.5	539.9
G67.0	681.5	547.8	425.0	287.2	215.8	268.5	380.3	490.5	575.8	473.6
G68.0	590.3	478.8	370.2	259.6	197.9	245.9	332.1	426.8	504.6	413.5
G69.0	515.1	426.1	324.9	232.1	175.9	217.3	284.6	378.5	433.7	366.8
G70.0	441.6	370.3	279.3	204.9	154.8	191.5	253.3	336.3	372.1	323.8
G71.0	383.6	327.6	251.7	178.2	137.5	168.5	224.3	290.8	324.7	281.3
G72.0	334.8	286.7	218.9	158.3	126.6	142.9	192.1	253.9	286.4	246.0
G73.0	296.9	250.7	189.8	141.3	109.2	129.2	164.8	225.5	247.5	217.4

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	252.1	219.0	165.2	123.7	92.1	113.5	145.0	197.6	206.9	186.6
G75.0	217.4	185.5	140.6	109.3	82.0	96.5	123.0	167.4	178.2	160.6
G76.0	184.0	161.2	118.5	94.2	71.6	83.8	104.3	147.0	154.0	138.5
G77.0	155.8	139.4	100.6	76.9	63.6	69.9	87.4	117.0	127.6	111.8
G78.0	133.4	116.1	80.9	61.3	50.7	56.6	76.2	102.9	105.2	98.0
G79.0	109.7	101.4	75.4	60.6	43.6	48.6	63.3	79.4	85.2	82.3
G80.0	93.9	81.2	61.3	48.1	30.8	45.7	52.1	75.3	69.7	57.5
G81.0	79.1	67.7	41.6	43.1	31.9	39.7	45.6	60.0	53.4	56.2
G82.0	64.1	56.9	43.4	39.6	18.9	34.0	43.3	45.9	42.2	47.7
G83.0	50.7	47.0	32.2	29.5	18.7	26.0	31.0	36.5	37.1	29.0
G84.0	37.6	36.0	22.4	26.4	10.3	25.8	28.9	34.4	21.6	31.5
G85.0	26.3	22.1	25.3	23.3	14.6	11.9	25.2	30.0	24.1	28.6
G86.0	26.1	24.3	18.5	17.4	8.3	12.6	19.7	22.1	19.5	20.9
G87.0	17.9	21.6	7.8	11.2	0.0	8.5	14.4	15.2	18.1	14.9
G88.0	15.6	15.5	10.0	8.3	0.0	0.0	12.7	11.3	8.3	0.0
G89.0	11.2	10.4	0.0	8.0	0.0	8.7	10.2	0.0	0.0	8.6
G90.0	8.7	8.1	10.3	0.0	0.0	0.0	7.9	7.4	0.0	7.6
G91.0	7.1	0.0	0.0	9.8	0.0	9.1	10.9	7.9	0.0	7.7
G92.0	7.3	7.2	7.4	0.0	0.0	9.4	0.0	0.0	0.0	8.3
G93.0	8.2	0.0	8.0	8.9	0.0	0.0	0.0	0.0	0.0	7.7
G94.0	9.9	11.5	0.0	0.0	0.0	0.0	10.0	0.0	8.2	0.0
G95.0	7.1	9.9	0.0	12.8	0.0	7.7	0.0	0.0	0.0	0.0
G96.0	0.0	11.2	0.0	7.2	0.0	7.7	8.1	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0
G98.0	7.1	0.0	0.0	7.2	0.0	8.0	11.4	0.0	8.7	0.0
G99.0	0.0	7.7	8.7	0.0	0.0	0.0	8.3	0.0	0.0	0.0
G100.0	7.8	0.0	0.0	10.9	0.0	8.7	9.7	8.5	0.0	0.0
G101.0	9.4	8.1	10.5	9.4	0.0	7.3	7.9	0.0	0.0	8.8
G102.0	0.0	10.3	0.0	0.0	0.0	7.7	9.0	0.0	0.0	8.6
G103.0	9.4	8.3	8.1	0.0	0.0	8.2	7.0	0.0	0.0	0.0
G104.0	9.9	0.0	0.0	8.1	0.0	0.0	10.6	8.5	11.9	0.0
G105.0	7.3	0.0	0.0	9.0	0.0	9.1	9.0	8.8	0.0	9.4
G106.0	10.6	0.0	0.0	0.0	0.0	7.1	9.8	0.0	9.8	7.4
G107.0	0.0	9.0	0.0	0.0	0.0	0.0	8.6	0.0	7.4	0.0
G108.0	10.1	9.2	0.0	0.0	0.0	0.0	11.8	7.1	0.0	0.0
G109.0	7.4	9.2	0.0	7.2	0.0	7.7	7.7	7.1	9.0	0.0
G110.0	7.6	8.8	0.0	7.2	0.0	0.0	8.6	8.6	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	7.8	11.7	8.1	8.1	0.0	0.0	10.2	9.4	8.3	9.4
G112.0	8.0	7.9	7.4	7.6	0.0	8.9	7.4	9.9	7.1	0.0
G113.0	9.6	11.2	0.0	0.0	0.0	9.8	10.2	0.0	7.3	7.7
G114.0	11.7	9.7	0.0	0.0	0.0	8.4	9.3	0.0	0.0	9.2
G115.0	8.3	8.5	0.0	0.0	0.0	7.8	9.7	12.0	7.3	7.4
G116.0	8.0	7.6	8.7	0.0	0.0	0.0	7.2	0.0	9.8	7.9
G117.0	10.5	9.9	7.6	10.9	0.0	0.0	10.6	0.0	0.0	0.0
G118.0	9.2	7.2	0.0	7.6	0.0	11.0	9.7	7.2	12.4	10.1
G119.0	8.0	12.2	0.0	11.2	0.0	9.3	12.7	8.3	10.6	10.8
G120.0	11.4	0.0	0.0	7.6	0.0	10.3	9.1	7.2	7.6	12.2
G121.0	10.8	10.8	12.7	7.4	0.0	10.9	11.1	12.3	11.4	10.4
G122.0	10.5	10.6	7.6	7.4	0.0	0.0	11.6	9.7	11.5	9.7
G123.0	11.4	9.9	7.2	7.4	0.0	9.3	10.7	9.5	11.9	10.1
G124.0	10.3	12.1	8.0	9.6	0.0	8.5	10.6	0.0	12.8	0.0
G125.0	0.0	7.2	0.0	9.0	0.0	8.2	14.8	7.2	12.8	13.5
G126.0	8.3	10.6	0.0	0.0	0.0	9.4	12.8	10.1	9.0	11.2
G127.0	7.8	8.3	0.0	9.8	0.0	7.5	10.6	8.8	11.5	12.2
G128.0	11.4	8.3	0.0	0.0	0.0	9.3	11.6	9.7	12.1	12.6
G129.0	9.6	10.1	7.6	9.2	0.0	12.3	13.7	9.4	8.9	9.2
G130.0	10.8	11.2	0.0	10.0	0.0	9.1	16.2	8.1	13.3	8.1
G131.0	8.7	12.1	8.7	0.0	0.0	10.0	11.4	10.1	14.0	14.6
G132.0	10.5	14.0	0.0	0.0	0.0	8.5	12.5	10.4	9.0	13.7
G133.0	11.5	10.1	8.9	8.0	0.0	12.1	9.5	10.8	14.7	10.6
G134.0	13.7	14.6	9.8	0.0	0.0	12.3	10.6	9.5	11.4	11.2
G135.0	11.2	13.5	11.4	11.4	0.0	11.0	14.6	9.0	0.0	10.4
G136.0	12.8	12.4	10.9	10.5	7.8	9.4	16.5	13.8	13.0	0.0
G137.0	10.6	13.3	7.4	13.4	8.3	13.0	13.0	9.9	12.1	11.3
G138.0	13.8	13.9	9.2	12.7	0.0	12.6	18.7	11.5	12.2	10.6
G139.0	13.3	15.1	0.0	12.1	0.0	12.5	13.9	10.2	16.5	10.3
G140.0	12.1	13.3	10.3	11.0	9.7	15.1	12.1	10.2	12.6	10.4
G141.0	12.8	8.8	11.9	11.8	9.4	14.8	14.2	7.4	15.6	13.3
G142.0	14.6	14.4	7.6	11.2	10.6	13.9	15.1	8.3	14.2	15.5
G143.0	13.0	14.6	12.3	15.0	7.6	11.4	16.5	11.5	14.2	8.5
G144.0	16.5	13.1	10.9	11.6	10.3	11.2	15.1	10.9	17.6	12.2
G145.0	14.9	12.2	10.0	14.8	9.7	8.9	16.0	15.9	12.1	13.3
G146.0	13.7	15.7	12.8	13.4	7.2	13.7	15.8	13.9	14.2	11.3
G147.0	12.8	15.7	10.1	15.6	8.6	16.2	15.1	9.5	15.6	17.7

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	13.8	18.4	11.9	12.5	7.6	14.2	14.2	15.0	17.9	13.3
G149.0	9.8	14.4	10.9	13.6	0.0	14.6	19.9	13.4	14.9	17.1
G150.0	10.5	14.4	13.4	17.2	11.9	7.7	16.7	16.9	18.6	17.5
G151.0	14.0	8.6	12.8	15.6	7.9	12.8	19.7	16.1	16.0	15.5
G152.0	17.6	13.0	13.8	12.1	8.3	10.9	14.1	15.5	14.6	17.5
G153.0	15.8	16.2	13.9	16.5	9.4	9.4	20.4	15.3	13.8	16.9
G154.0	17.7	16.9	16.6	15.9	13.0	15.1	17.4	12.0	12.2	16.9
G155.0	17.6	15.3	14.3	12.7	9.0	15.7	18.8	17.3	14.4	19.1
G156.0	14.9	14.0	12.5	13.4	0.0	14.4	19.0	17.5	15.4	18.7
G157.0	14.6	16.4	11.0	15.4	0.0	16.7	17.4	15.7	10.6	15.5
G158.0	16.9	15.3	15.0	15.6	11.2	16.5	17.6	15.7	13.0	18.0
G159.0	16.1	15.5	14.7	19.7	8.6	15.5	19.2	20.6	17.7	16.4
G160.0	9.4	18.0	14.8	17.2	12.1	16.5	14.9	15.9	16.7	14.9
G161.0	17.2	12.1	16.1	18.1	14.4	13.9	14.8	13.6	20.1	19.3
G162.0	8.0	16.7	14.3	19.9	13.3	15.5	19.2	18.2	12.1	19.4
G163.0	18.1	17.5	13.6	17.2	10.1	14.6	23.9	19.2	20.8	16.6
G164.0	17.4	16.0	15.2	19.7	11.5	16.4	19.5	17.5	21.3	14.8
G165.0	16.3	15.7	15.4	17.2	12.8	20.5	18.3	16.9	14.0	15.5
G166.0	14.4	15.5	14.1	19.2	11.5	14.8	17.4	15.2	15.4	19.8
G167.0	17.7	18.4	19.5	21.0	8.3	16.2	16.2	14.6	17.0	15.1
G168.0	18.5	14.4	13.4	17.0	11.9	14.6	24.1	17.5	18.8	17.8
G169.0	17.4	20.5	14.3	21.0	11.0	15.7	20.1	19.1	18.6	20.0
G170.0	18.8	18.2	14.1	15.6	11.2	18.3	18.1	16.9	20.4	15.3
G171.0	16.0	16.9	19.7	16.8	11.9	10.9	9.3	16.8	15.6	16.4
G172.0	20.2	18.0	17.4	18.4	12.6	14.8	20.8	0.0	17.2	18.4
G173.0	17.7	19.4	16.8	19.0	9.4	16.4	15.1	16.6	16.1	19.1
G174.0	19.0	13.7	15.4	16.5	15.1	14.8	23.8	18.7	16.0	17.3
G175.0	17.4	14.2	19.5	18.3	13.5	15.0	20.2	16.6	18.8	18.0
G176.0	19.9	18.0	20.1	15.6	12.8	15.3	14.9	18.2	19.0	8.8
G177.0	16.0	12.6	13.8	20.6	9.4	15.5	22.2	14.5	19.9	17.5
G178.0	13.3	15.7	14.1	19.0	10.1	15.1	16.5	18.5	17.4	17.8
G179.0	15.4	18.7	16.6	19.2	9.6	15.8	21.3	14.8	20.1	20.5
G180.0	11.4	17.1	18.1	17.9	16.0	13.7	16.2	16.1	20.1	19.6

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	4085.3	4085.3	4085.3	4085.3	4085.3	4085.3	4085.3			
G1.0	4085.3	4084.1	4077.6	4080.2	4084.5	4087.8	4083.4			
G2.0	4084.6	4080.8	4076.0	4079.8	4080.1	4085.3	4083.2			
G3.0	4082.3	4078.3	4077.8	4080.4	4084.3	4086.4	4083.6			
G4.0	4080.8	4079.6	4068.6	4079.8	4072.5	4086.8	4088.0			
G5.0	4072.1	4073.2	4068.7	4076.4	4073.7	4088.5	4088.5			
G6.0	4066.3	4062.7	4061.0	4071.1	4072.1	4083.0	4089.6			
G7.0	4060.2	4054.6	4052.4	4061.5	4062.3	4081.5	4089.4			
G8.0	4053.0	4050.4	4049.3	4053.0	4053.7	4077.8	4083.9			
G9.0	4044.1	4034.9	4035.4	4044.2	4047.9	4073.9	4083.2			
G10.0	4034.1	4027.6	4022.2	4033.9	4035.2	4069.5	4083.0			
G11.0	4026.2	4015.9	4003.0	4018.4	4024.6	4063.5	4082.5			
G12.0	4013.1	4001.6	3983.1	4004.7	4016.6	4057.5	4084.6			
G13.0	3999.6	3987.5	3971.6	3988.3	4008.6	4056.1	4084.8			
G14.0	3991.4	3968.5	3948.5	3969.7	3996.3	4047.4	4079.0			
G15.0	3974.6	3949.0	3922.0	3948.8	3984.9	4042.1	4079.0			
G16.0	3967.2	3931.8	3900.7	3929.3	3975.6	4034.3	4079.3			
G17.0	3945.5	3903.7	3867.4	3908.1	3961.7	4027.5	4072.6			
G18.0	3931.7	3874.4	3840.4	3877.3	3945.8	4018.6	4069.7			
G19.0	3915.5	3843.9	3796.7	3854.3	3930.5	4008.6	4064.6			
G20.0	3895.9	3809.1	3756.7	3815.9	3915.9	3998.7	4061.7			
G21.0	3876.6	3769.7	3717.2	3780.7	3890.6	3992.5	4056.8			
G22.0	3855.7	3727.2	3665.1	3735.8	3870.5	3983.0	4055.4			
G23.0	3829.9	3681.8	3610.9	3691.9	3845.4	3970.5	4046.8			
G24.0	3801.5	3629.7	3559.5	3641.9	3818.8	3957.4	4041.0			
G25.0	3773.1	3583.2	3491.4	3586.5	3791.6	3947.7	4032.6			
G26.0	3738.0	3518.1	3415.8	3530.5	3758.8	3937.5	4028.0			
G27.0	3701.6	3455.9	3347.5	3466.7	3716.6	3921.1	4018.4			
G28.0	3660.2	3387.9	3278.8	3400.2	3674.9	3905.7	4003.4			
G29.0	3617.8	3312.4	3192.1	3329.5	3633.2	3890.9	3993.1			
G30.0	3568.8	3242.6	3115.3	3259.6	3587.7	3875.2	3982.2			
G31.0	3517.6	3165.8	3042.5	3180.4	3538.8	3856.7	3975.7			
G32.0	3451.9	3092.0	2965.0	3104.2	3481.9	3832.0	3964.9			
G33.0	3396.0	3013.5	2896.5	3026.6	3417.4	3810.1	3954.0			
G34.0	3330.7	2937.5	2829.4	2957.9	3351.2	3783.8	3946.4			
G35.0	3265.6	2864.0	2762.2	2883.9	3293.9	3751.2	3930.6			
G36.0	3194.9	2794.0	2703.3	2810.4	3219.6	3712.5	3917.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	3114.3	2733.5	2647.7	2752.0	3148.8	3666.1	3896.5			
G38.0	3040.2	2667.4	2595.6	2691.7	3066.2	3619.6	3881.6			
G39.0	2964.5	2614.8	2515.6	2634.9	2993.8	3572.3	3855.4			
G40.0	2887.6	2558.2	2427.1	2580.5	2920.1	3523.4	3825.0			
G41.0	2815.7	2480.8	2309.9	2501.5	2846.5	3461.8	3792.0			
G42.0	2747.8	2395.6	2172.7	2410.2	2773.2	3392.0	3754.8			
G43.0	2683.4	2284.3	2040.1	2307.1	2703.5	3312.0	3710.9			
G44.0	2618.8	2171.5	1868.6	2195.7	2641.9	3234.7	3668.2			
G45.0	2554.0	2048.5	1717.2	2063.7	2574.7	3144.6	3614.2			
G46.0	2479.5	1915.7	1571.4	1930.7	2499.6	3061.1	3556.8			
G47.0	2382.7	1781.3	1435.6	1796.0	2409.2	2952.4	3490.2			
G48.0	2292.8	1629.7	1302.2	1656.8	2315.3	2849.4	3430.1			
G49.0	2194.4	1502.2	1176.4	1528.0	2218.5	2745.7	3347.7			
G50.0	2082.6	1377.6	1074.6	1384.9	2116.1	2635.1	3264.5			
G51.0	1966.8	1258.9	968.2	1261.4	2004.4	2521.4	3166.2			
G52.0	1851.7	1135.4	881.3	1156.0	1878.3	2396.3	3065.8			
G53.0	1727.6	1034.8	800.0	1048.2	1751.6	2281.8	2962.3			
G54.0	1598.6	935.2	729.3	946.9	1627.6	2165.0	2831.2			
G55.0	1460.0	851.9	666.6	853.9	1502.0	2045.4	2666.5			
G56.0	1336.8	767.8	609.7	780.2	1368.8	1896.5	2473.5			
G57.0	1213.2	709.4	558.3	709.2	1245.7	1735.2	2282.9			
G58.0	1104.2	642.3	497.9	648.9	1133.6	1559.5	2072.1			
G59.0	1001.0	586.8	445.8	583.5	1027.7	1385.9	1854.6			
G60.0	906.6	526.9	406.3	528.0	924.8	1227.3	1634.9			
G61.0	803.1	467.4	371.7	472.1	834.7	1075.4	1425.5			
G62.0	716.6	422.0	342.7	420.4	740.1	951.2	1251.1			
G63.0	629.6	384.0	312.4	385.5	656.5	838.9	1105.4			
G64.0	557.1	358.5	289.7	354.9	576.7	738.4	979.8			
G65.0	483.8	321.2	264.3	323.9	505.2	639.4	863.1			
G66.0	422.1	293.9	243.7	296.8	438.6	565.5	769.7			
G67.0	376.0	269.9	222.1	270.3	386.1	505.1	681.5			
G68.0	325.6	246.2	193.8	243.5	336.7	443.2	590.3			
G69.0	286.4	218.0	176.7	218.4	293.8	392.4	515.1			
G70.0	255.1	196.4	157.9	194.0	260.2	346.9	441.6			
G71.0	225.6	170.2	140.4	172.1	232.6	303.8	383.6			
G72.0	196.1	153.0	124.9	154.1	210.0	268.4	334.8			
G73.0	168.4	133.7	110.1	136.1	180.7	235.0	296.9			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	143.5	119.9	96.3	115.1	154.3	204.0	252.1			
G75.0	125.9	102.0	82.9	107.3	133.7	173.3	217.4			
G76.0	104.7	83.9	77.7	86.8	111.2	148.7	184.0			
G77.0	92.8	73.8	60.4	71.0	98.5	130.4	155.8			
G78.0	80.5	61.7	49.2	61.0	79.7	105.3	133.4			
G79.0	67.5	54.8	47.1	50.0	68.8	93.7	109.7			
G80.0	55.5	42.0	39.8	41.3	52.6	78.9	93.9			
G81.0	41.2	36.5	26.9	42.0	47.0	64.0	79.1			
G82.0	37.1	30.8	23.2	32.6	39.2	48.2	64.1			
G83.0	35.3	33.1	22.4	30.6	36.6	37.9	50.7			
G84.0	33.5	24.4	20.0	21.4	26.6	34.1	37.6			
G85.0	24.2	21.9	18.0	16.2	23.0	30.2	26.3			
G86.0	16.6	14.5	11.7	11.4	13.0	23.6	26.1			
G87.0	14.1	9.6	0.0	0.0	11.8	16.4	17.9			
G88.0	8.7	9.4	0.0	7.1	9.5	17.3	15.6			
G89.0	0.0	7.6	0.0	0.0	0.0	9.2	11.2			
G90.0	9.6	8.1	0.0	0.0	0.0	0.0	8.7			
G91.0	8.5	8.3	0.0	0.0	0.0	10.2	7.1			
G92.0	7.6	0.0	0.0	0.0	0.0	0.0	7.3			
G93.0	9.8	0.0	0.0	0.0	7.7	8.6	8.2			
G94.0	8.1	7.8	0.0	0.0	0.0	7.2	9.9			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1			
G96.0	0.0	0.0	0.0	7.3	7.2	0.0	0.0			
G97.0	11.8	7.8	0.0	0.0	7.2	7.6	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1			
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	8.3	0.0	7.8			
G101.0	0.0	0.0	0.0	0.0	10.0	0.0	9.4			
G102.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	7.7	7.8	9.4			
G104.0	8.0	7.8	0.0	0.0	0.0	8.3	9.9			
G105.0	8.0	0.0	0.0	0.0	0.0	9.4	7.3			
G106.0	8.1	8.0	0.0	0.0	7.7	0.0	10.6			
G107.0	9.0	0.0	0.0	0.0	9.0	0.0	0.0			
G108.0	11.0	8.0	0.0	0.0	9.3	0.0	10.1			
G109.0	9.0	0.0	0.0	0.0	11.6	0.0	7.4			
G110.0	0.0	8.9	0.0	0.0	0.0	0.0	7.6			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	9.4	0.0	0.0	0.0	0.0	0.0	7.8			
G112.0	9.4	0.0	0.0	0.0	9.8	7.9	8.0			
G113.0	10.7	7.4	0.0	0.0	8.8	9.5	9.6			
G114.0	7.8	0.0	0.0	0.0	8.1	7.1	11.7			
G115.0	8.3	0.0	0.0	0.0	7.7	0.0	8.3			
G116.0	8.3	9.2	0.0	0.0	8.4	0.0	8.0			
G117.0	7.6	8.9	0.0	0.0	12.0	7.8	10.5			
G118.0	10.3	0.0	0.0	0.0	0.0	10.9	9.2			
G119.0	10.3	0.0	0.0	0.0	9.3	8.5	8.0			
G120.0	7.6	7.4	0.0	0.0	9.1	8.6	11.4			
G121.0	13.2	9.2	0.0	0.0	9.5	10.4	10.8			
G122.0	10.3	9.4	0.0	0.0	8.4	9.9	10.5			
G123.0	11.8	10.1	0.0	0.0	0.0	10.2	11.4			
G124.0	11.6	12.1	0.0	0.0	12.3	11.5	10.3			
G125.0	15.4	0.0	0.0	0.0	11.3	7.6	0.0			
G126.0	8.7	10.1	0.0	0.0	0.0	9.2	8.3			
G127.0	12.3	9.0	8.5	0.0	9.8	11.5	7.8			
G128.0	12.1	13.4	7.2	0.0	9.7	9.4	11.4			
G129.0	0.0	0.0	7.9	0.0	8.4	10.9	9.6			
G130.0	10.1	12.7	0.0	0.0	11.3	10.8	10.8			
G131.0	13.4	10.3	0.0	0.0	10.2	9.7	8.7			
G132.0	10.0	11.0	0.0	0.0	9.8	11.5	10.5			
G133.0	10.7	10.3	10.6	7.8	10.4	11.1	11.5			
G134.0	9.8	12.1	8.6	0.0	0.0	12.0	13.7			
G135.0	13.0	10.1	7.4	0.0	9.3	14.3	11.2			
G136.0	12.5	14.5	9.7	8.5	10.9	11.5	12.8			
G137.0	12.3	13.0	0.0	0.0	9.5	11.5	10.6			
G138.0	14.3	14.3	7.9	0.0	13.2	13.6	13.8			
G139.0	17.0	13.4	8.8	0.0	16.2	11.8	13.3			
G140.0	14.3	14.8	10.6	7.7	10.9	10.6	12.1			
G141.0	15.7	16.1	0.0	8.7	7.9	11.1	12.8			
G142.0	9.8	9.6	11.5	9.6	13.6	11.8	14.6			
G143.0	17.4	17.9	7.9	8.0	11.6	12.5	13.0			
G144.0	9.0	15.6	11.5	12.3	15.8	10.1	16.5			
G145.0	13.0	17.2	0.0	8.2	14.4	11.6	14.9			
G146.0	15.2	19.0	14.1	8.7	12.8	10.8	13.7			
G147.0	17.9	11.8	10.3	10.7	13.9	18.5	12.8			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	16.5	15.9	8.6	11.9	14.6	12.0	13.8			
G149.0	12.1	18.3	11.4	0.0	14.2	13.9	9.8			
G150.0	16.8	15.2	11.9	10.9	18.5	10.4	10.5			
G151.0	16.8	18.6	11.7	11.7	13.2	13.4	14.0			
G152.0	18.1	18.3	11.7	13.0	13.6	14.8	17.6			
G153.0	16.1	14.3	11.2	7.7	11.3	12.7	15.8			
G154.0	18.1	14.3	12.3	13.2	16.4	17.3	17.7			
G155.0	18.5	17.4	7.4	7.3	12.5	15.9	17.6			
G156.0	14.8	18.1	14.1	13.9	15.5	13.8	14.9			
G157.0	16.3	18.1	13.5	0.0	10.7	13.1	14.6			
G158.0	15.7	15.0	13.0	11.7	14.2	16.8	16.9			
G159.0	18.6	19.5	13.3	12.1	14.1	16.8	16.1			
G160.0	19.5	18.6	17.3	14.4	15.5	16.9	9.4			
G161.0	19.7	19.7	14.2	11.7	13.7	12.2	17.2			
G162.0	18.3	19.9	10.3	11.7	17.8	18.2	8.0			
G163.0	15.9	16.6	12.4	15.1	16.2	15.7	18.1			
G164.0	13.9	18.1	12.1	12.3	18.5	15.9	17.4			
G165.0	17.9	17.2	13.9	12.8	16.5	15.7	16.3			
G166.0	16.5	19.5	15.9	13.5	13.2	15.5	14.4			
G167.0	15.7	18.8	18.7	13.9	18.1	15.5	17.7			
G168.0	17.4	18.6	15.7	15.5	14.1	19.2	18.5			
G169.0	18.8	18.3	19.1	20.1	19.9	15.5	17.4			
G170.0	18.6	20.3	16.6	16.0	18.3	18.9	18.8			
G171.0	18.3	18.8	18.9	12.5	17.2	20.8	16.0			
G172.0	16.1	13.8	17.1	18.0	18.8	16.4	20.2			
G173.0	20.4	22.4	18.6	16.4	14.6	13.6	17.7			
G174.0	17.9	19.5	10.1	16.5	12.3	17.3	19.0			
G175.0	22.6	20.1	14.8	17.4	19.7	16.8	17.4			
G176.0	19.2	17.7	15.1	15.7	18.8	16.1	19.9			
G177.0	23.0	18.3	18.4	14.1	12.3	19.6	16.0			
G178.0	19.9	21.0	13.9	13.9	21.1	17.6	13.3			
G179.0	13.6	19.7	12.4	18.3	20.6	18.2	15.4			
G180.0	19.7	16.1	11.0	16.5	16.5	20.6	11.4			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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