

Report No.:

Test Time: 2023/6/30 22:32

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.855 A
Power Factor: 0.999

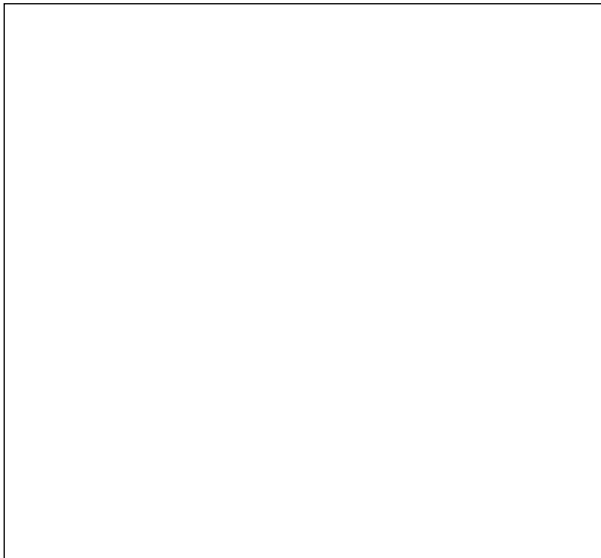
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 102.44 W

Photometric Results

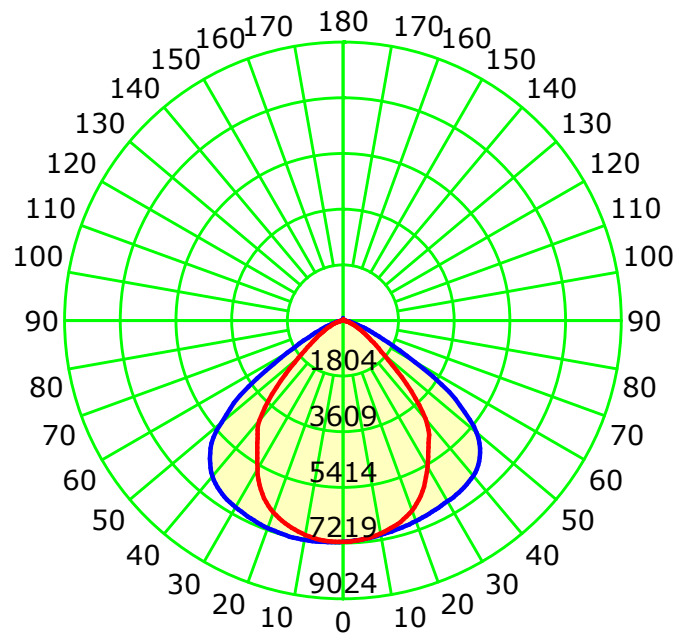
IES Classification: Type I
Total Rated Lamp Lumens: 16300.3 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 7175.98 cd
Pos of Max. Intensity: H180 V13
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 112.9, 85.2, 100.4, 101.0

Longitudinal Classification: Very Short
Measurement Flux: 16300.3 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 159.17
Max. Intensity: 7219.24 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

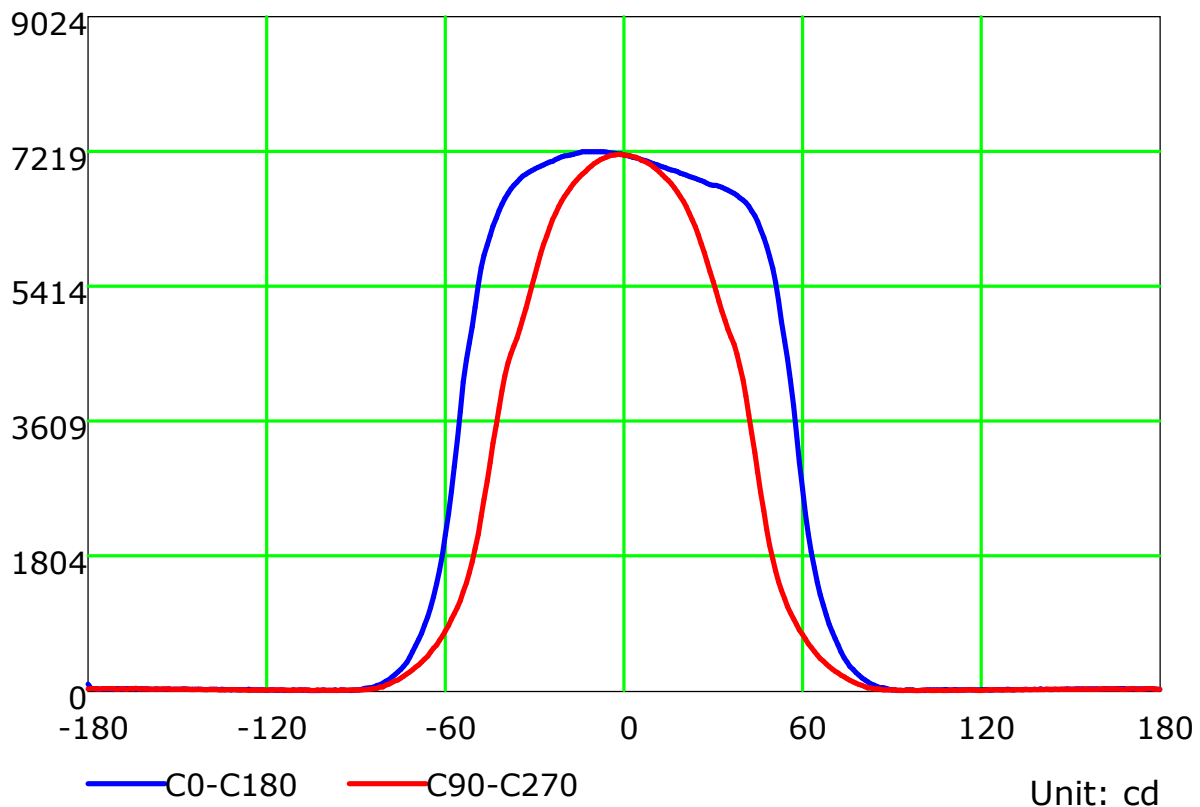
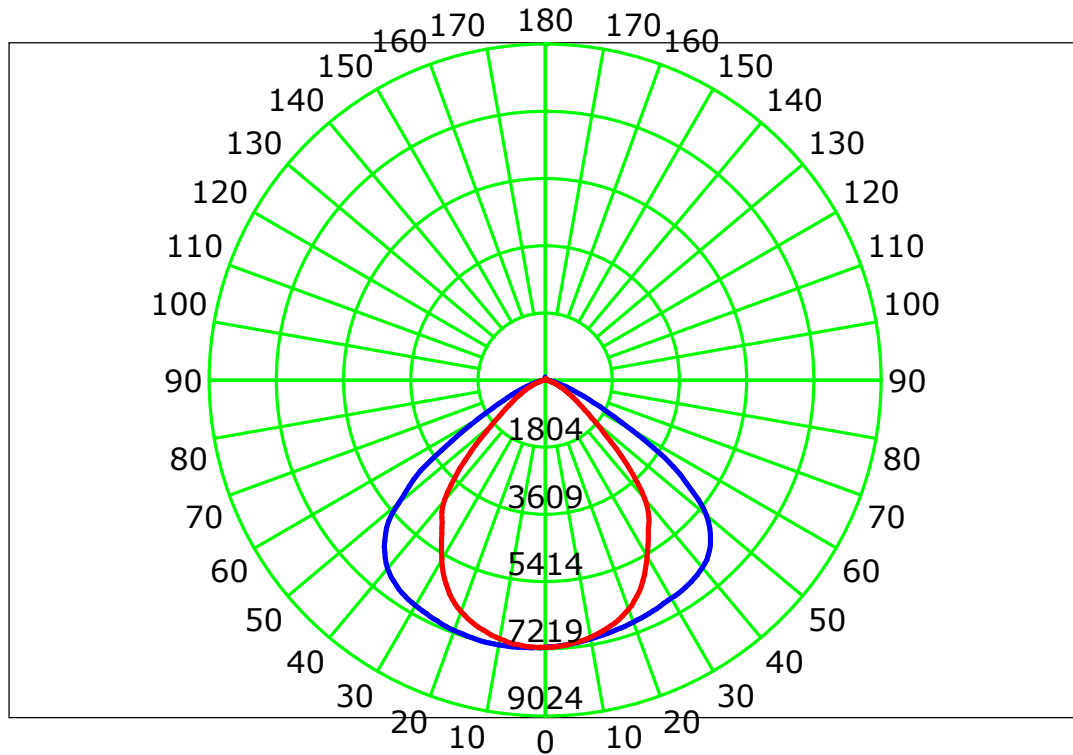
Average Diffuse Angle(50%): 99.1°

— C0-C180 — C90-C270

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:

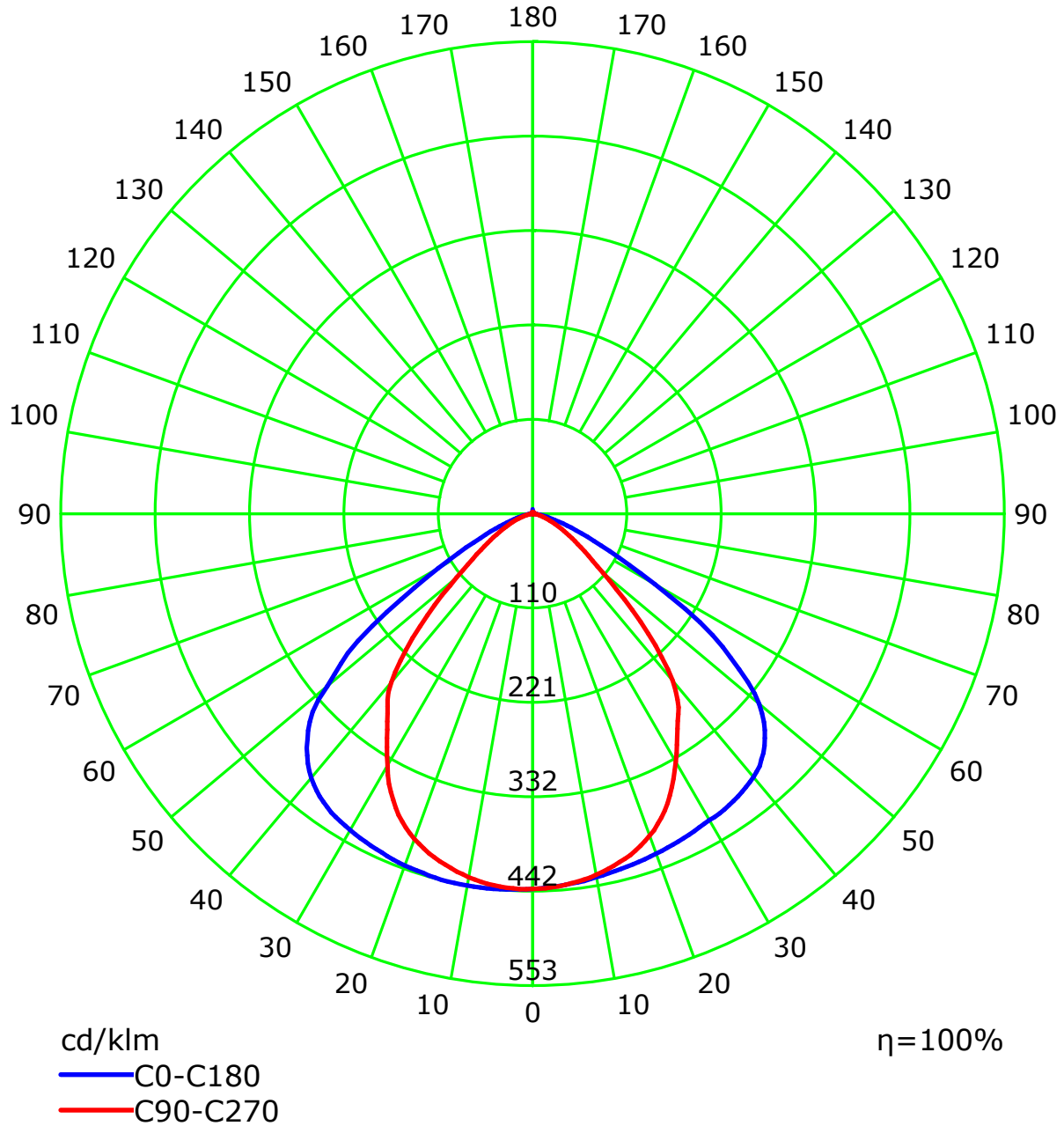
Luminous Intensity Distribution Curve



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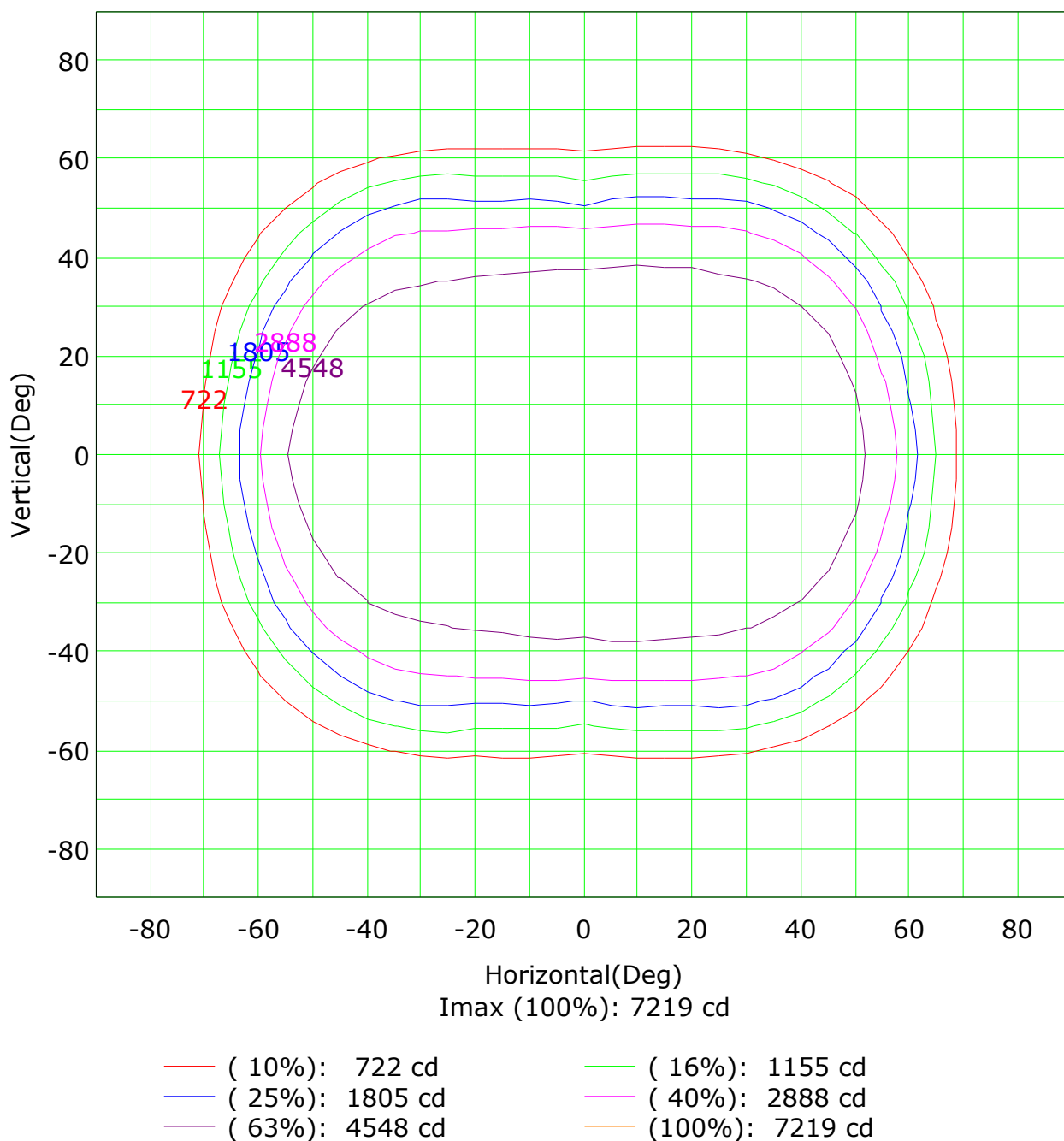
Luminous Intensity Distribution Curve(cd/klm)



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:

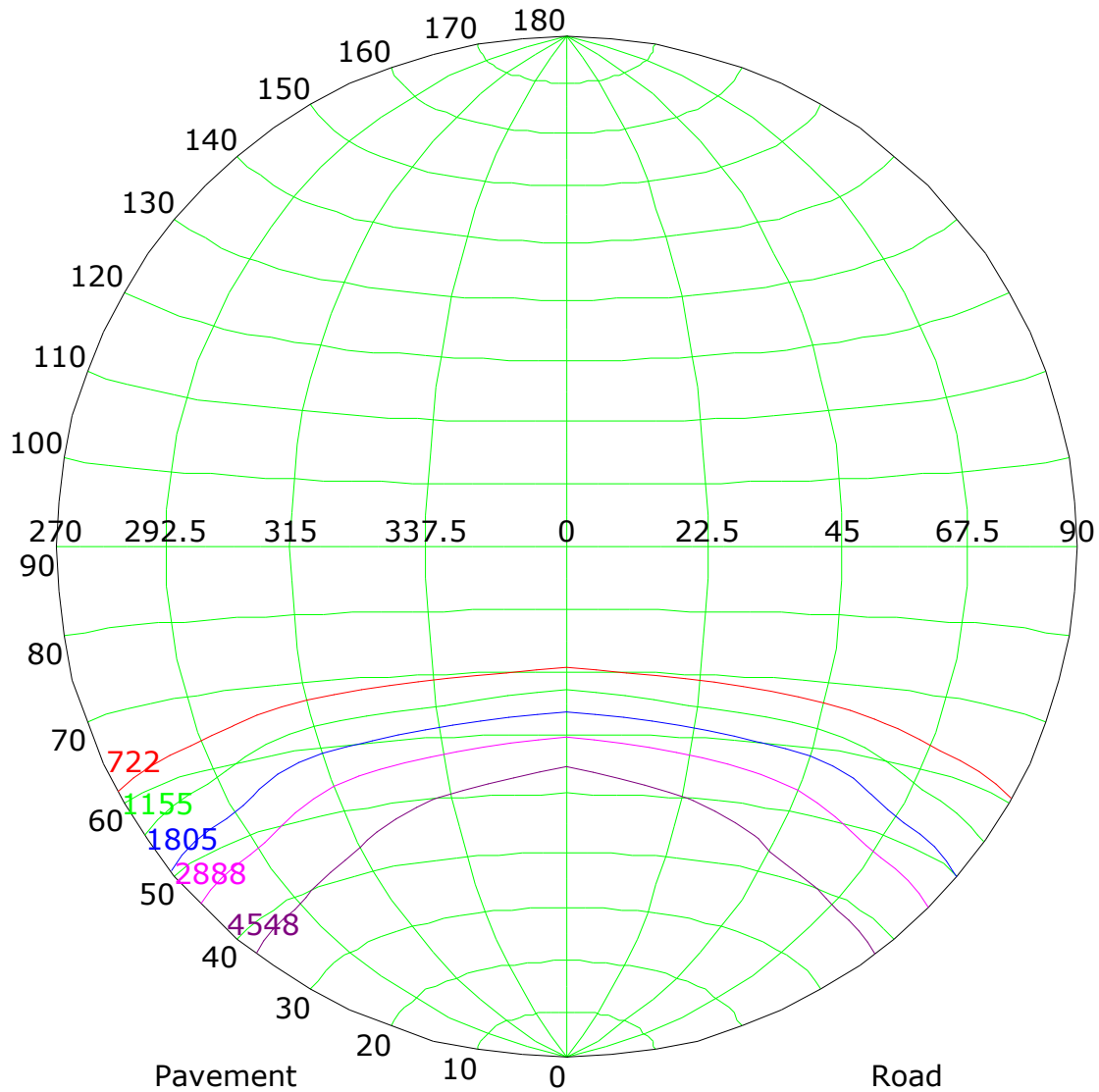
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
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Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 7219 cd

(10%): 722 cd
(25%): 1805 cd
(63%): 4548 cd

(16%): 1155 cd
(40%): 2888 cd
(100%): 7219 cd

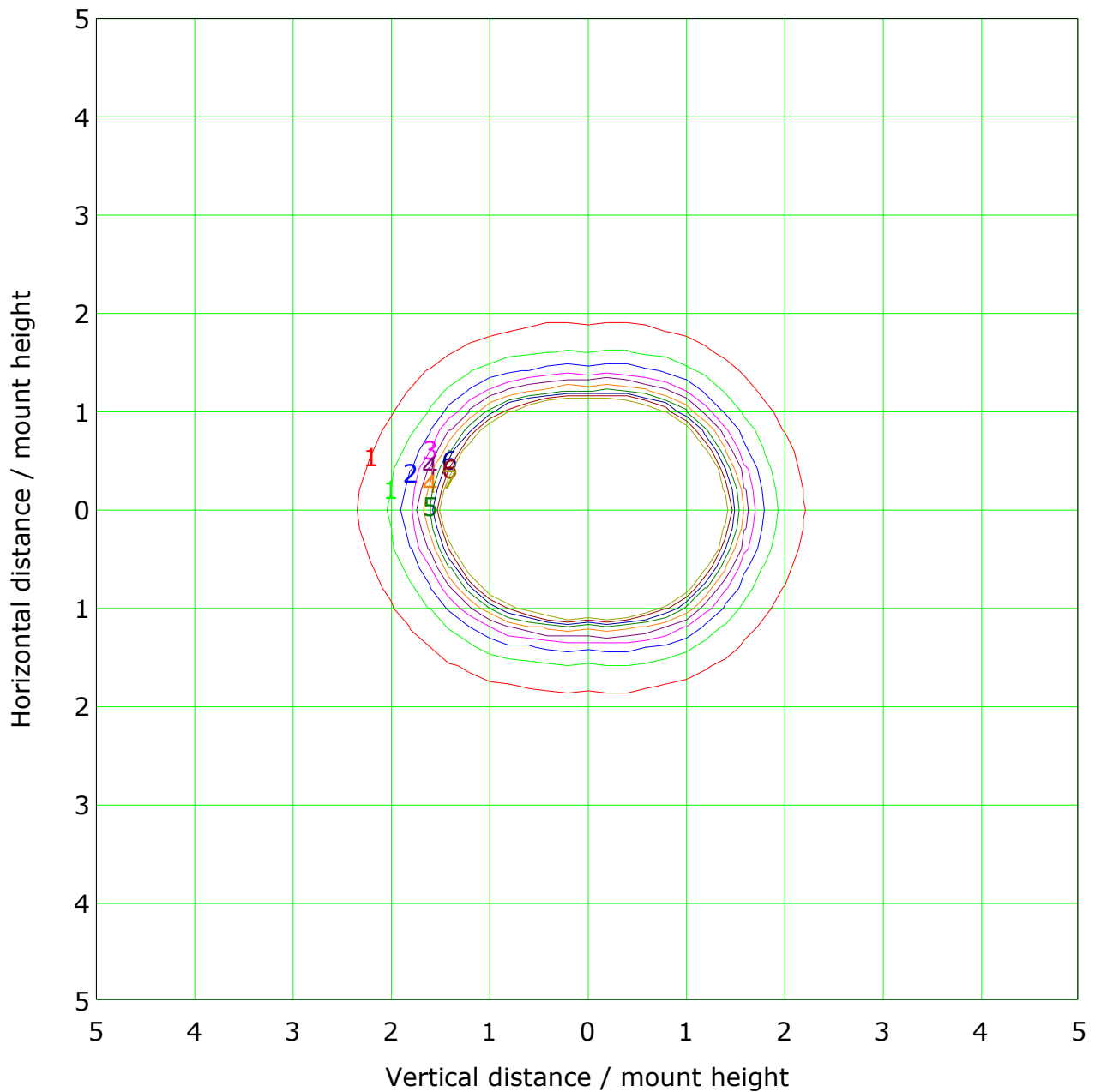
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.726 cd/klm

IES: Cut-off
Max.At80: 10.516 cd/klm
Max.80-90: 10.516 cd/klm

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

IsoLux Plot



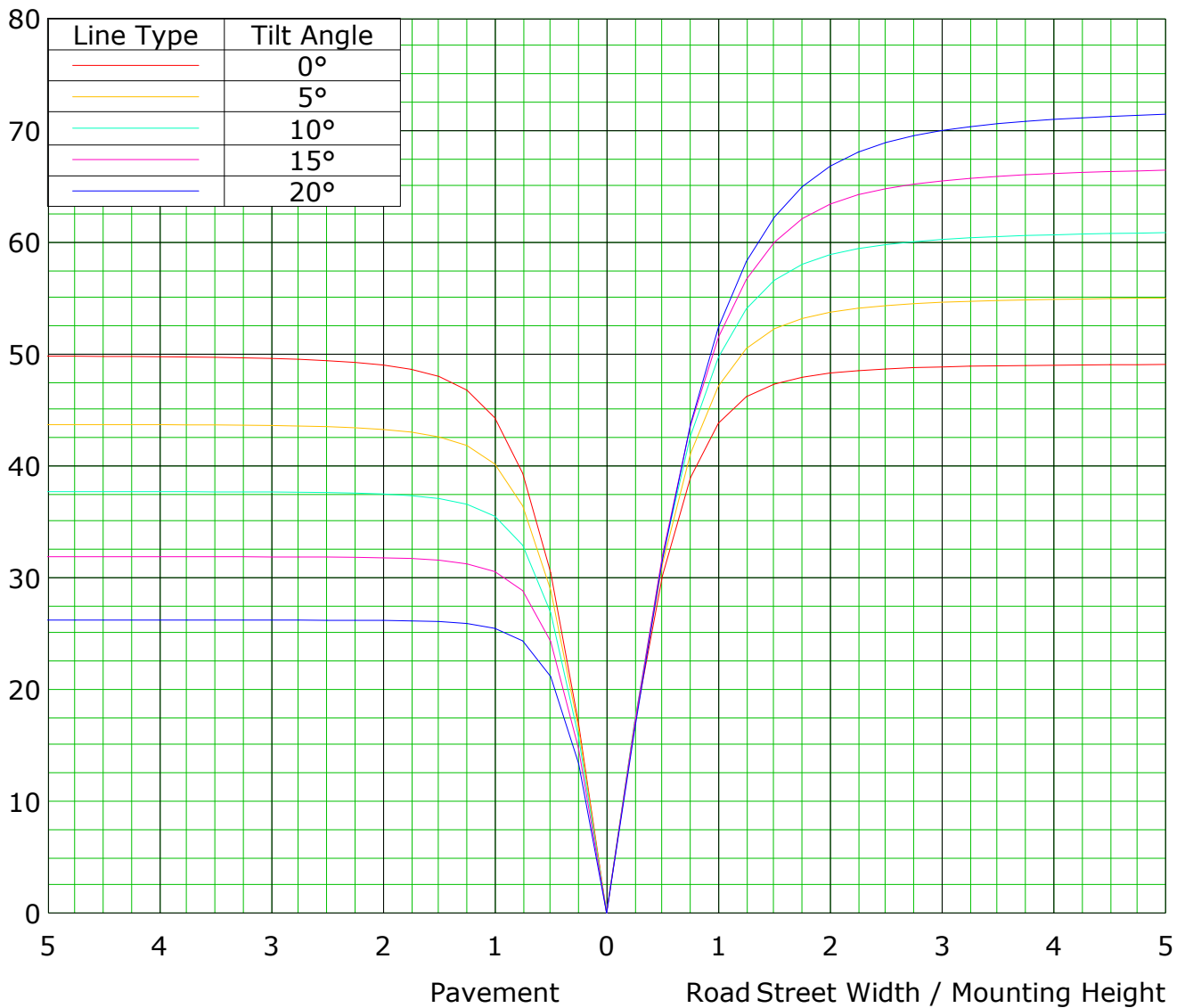
Mounting Height: 10.0m Max Lux(100%): 71.8 lx	
(1%): 0.7 lx	(2%): 1.4 lx
(3%): 2.2 lx	(4%): 2.9 lx
(5%): 3.6 lx	(6%): 4.3 lx
(7%): 5.0 lx	(8%): 5.7 lx
(9%): 6.5 lx	(10%): 7.2 lx

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Humidity:
Inspector:

Roadway CU Curve

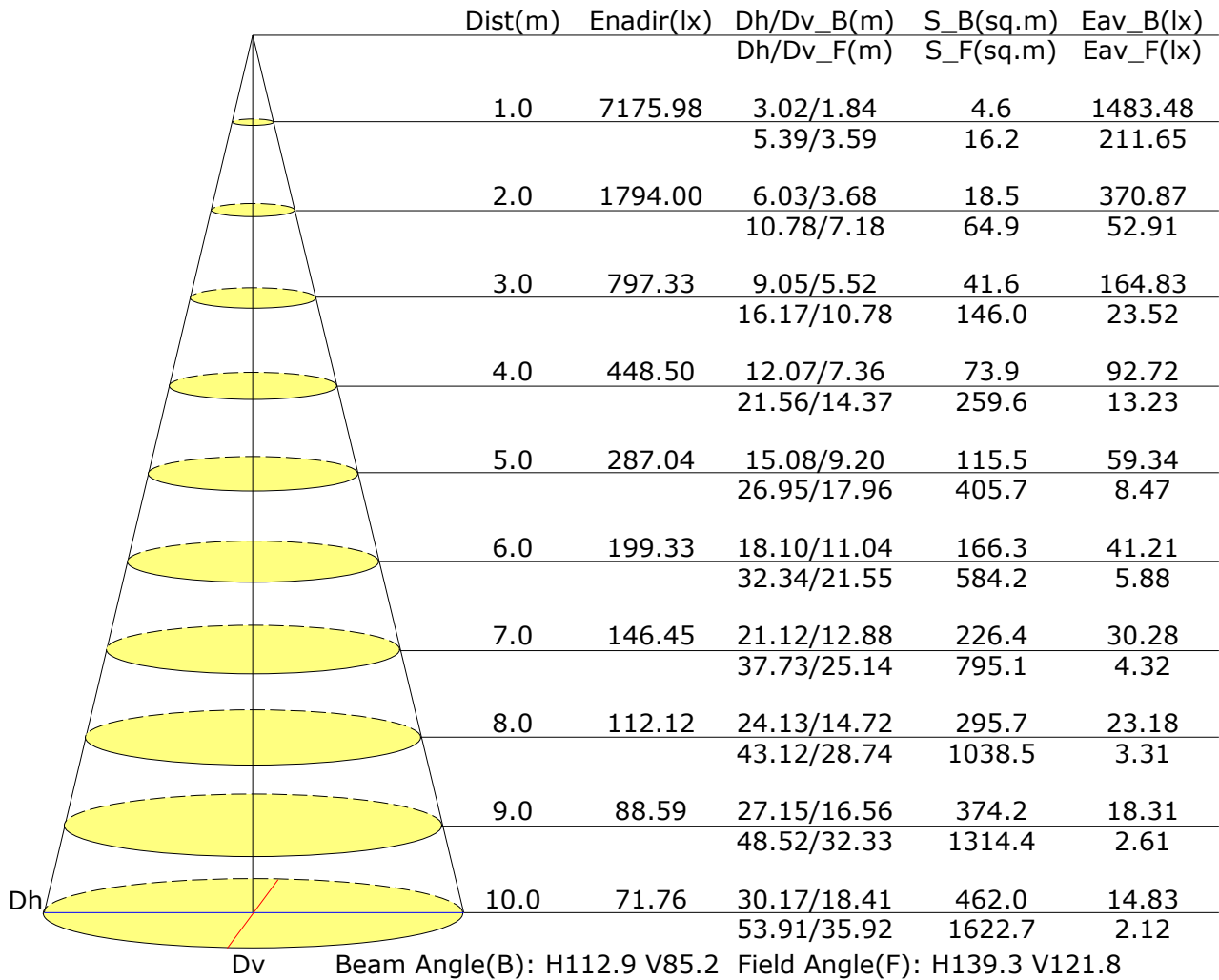
Efficiency(%)



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

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

Illuminance at a Distance

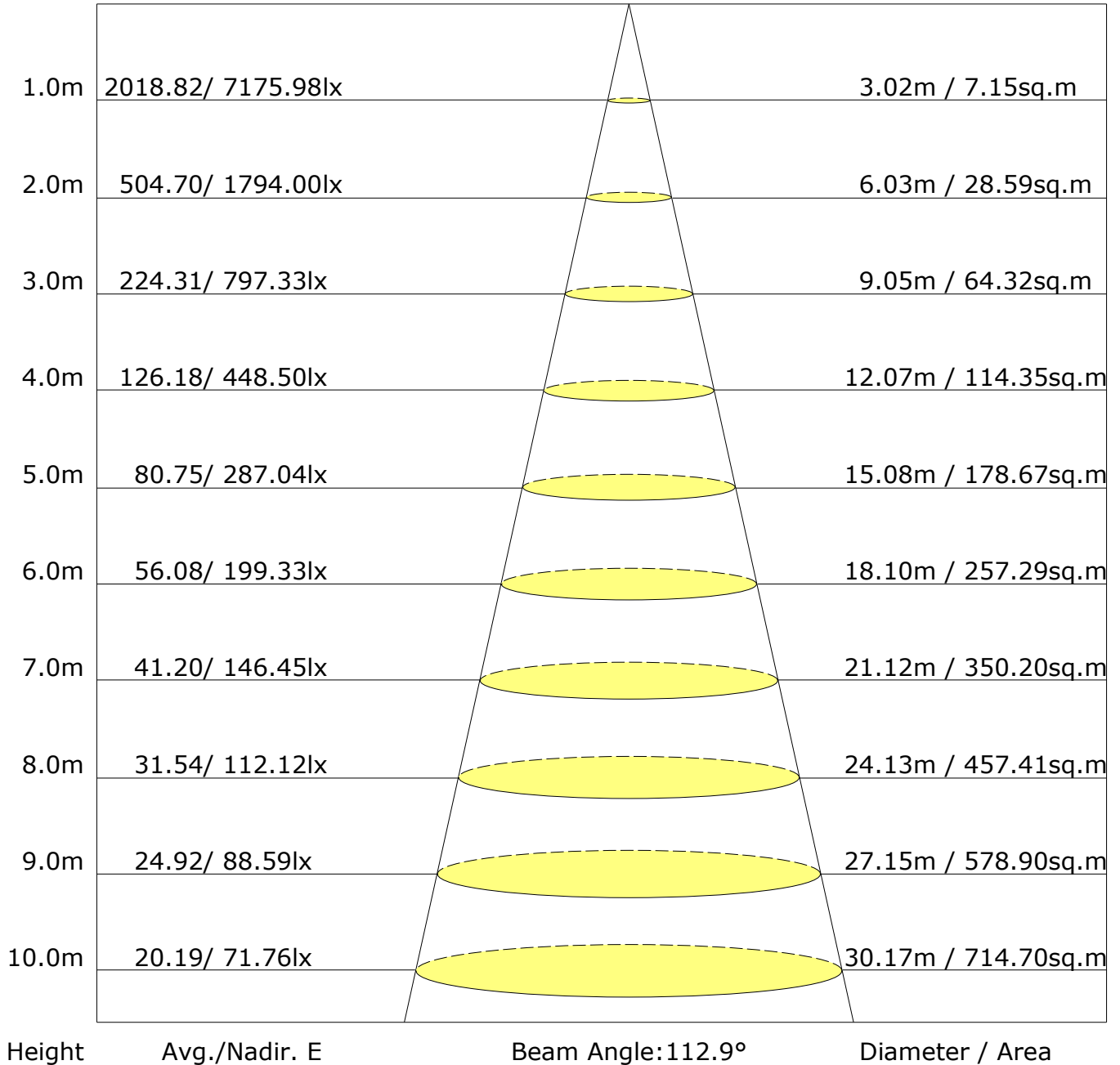


C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

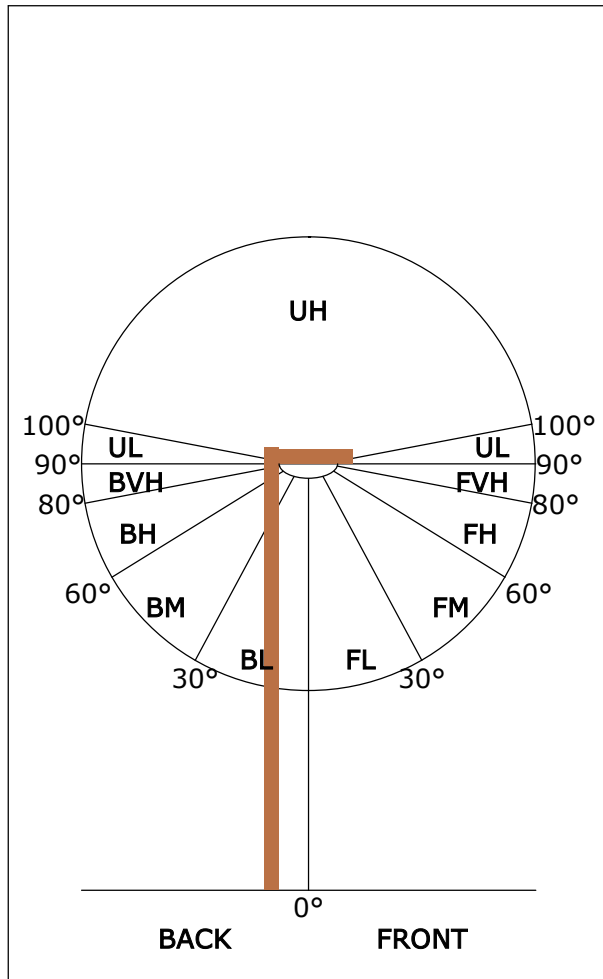
Flux Out: 14428.43lm



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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	8056	49.4
FL (0°-30°)	2835	17.4
FM (30°-60°)	4626	28.4
FH (60°-80°)	572	3.5
FVH (80°-90°)	24	0.1
BACK LIGHT	8184	50.2
BL (0°-30°)	2857	17.5
BM (30°-60°)	4716	28.9
BH (60°-80°)	588	3.6
BVH (80°-90°)	23	0.1
UP LIGHT	60	0.4
UL (90°-100°)	4	0.0
UH (100°-180°)	56	0.3
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B4 U2 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B4 U2 G1

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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	7175.1	6.9	6.9	0.04	0.04
1.0-2.0	7173.0	20.6	27.5	0.13	0.17
2.0-3.0	7169.5	34.3	61.8	0.21	0.38
3.0-4.0	7164.0	48.0	109.7	0.29	0.67
4.0-5.0	7157.3	61.6	171.3	0.38	1.05
5.0-6.0	7149.0	75.1	246.4	0.46	1.51
6.0-7.0	7139.2	88.6	335.1	0.54	2.06
7.0-8.0	7126.9	102.0	437.1	0.63	2.68
8.0-9.0	7112.5	115.3	552.4	0.71	3.39
9.0-10.0	7096.5	128.4	680.8	0.79	4.18
10.0-11.0	7079.1	141.5	822.3	0.87	5.04
11.0-12.0	7060.8	154.4	976.6	0.95	5.99
12.0-13.0	7039.8	167.1	1143.7	1.03	7.02
13.0-14.0	7017.4	179.6	1323.4	1.10	8.12
14.0-15.0	6994.0	192.0	1515.4	1.18	9.30
15.0-16.0	6968.8	204.2	1719.6	1.25	10.55
16.0-17.0	6941.8	216.2	1935.8	1.33	11.88
17.0-18.0	6912.0	227.9	2163.8	1.40	13.27
18.0-19.0	6880.3	239.4	2403.2	1.47	14.74
19.0-20.0	6847.1	250.6	2653.8	1.54	16.28
20.0-21.0	6810.9	261.6	2915.4	1.60	17.89
21.0-22.0	6771.0	272.1	3187.5	1.67	19.55
22.0-23.0	6727.0	282.3	3469.8	1.73	21.29
23.0-24.0	6679.1	292.1	3761.9	1.79	23.08
24.0-25.0	6627.5	301.4	4063.3	1.85	24.93
25.0-26.0	6570.7	310.2	4373.5	1.90	26.83
26.0-27.0	6509.6	318.5	4692.0	1.95	28.78
27.0-28.0	6445.2	326.4	5018.3	2.00	30.79
28.0-29.0	6374.9	333.6	5351.9	2.05	32.83
29.0-30.0	6298.6	340.1	5692.0	2.09	34.92
30.0-31.0	6218.4	346.1	6038.1	2.12	37.04
31.0-32.0	6134.0	351.5	6389.6	2.16	39.20
32.0-33.0	6045.6	356.2	6745.8	2.19	41.38
33.0-34.0	5954.5	360.4	7106.2	2.21	43.60
34.0-35.0	5860.1	364.0	7470.2	2.23	45.83
35.0-36.0	5762.1	366.9	7837.1	2.25	48.08

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 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	5664.7	369.5	8206.6	2.27	50.35
37.0-38.0	5567.3	371.7	8578.3	2.28	52.63
38.0-39.0	5464.0	373.0	8951.3	2.29	54.91
39.0-40.0	5352.2	373.3	9324.6	2.29	57.21
40.0-41.0	5230.5	372.5	9697.1	2.29	59.49
41.0-42.0	5095.9	370.3	10067.4	2.27	61.76
42.0-43.0	4950.4	366.8	10434.2	2.25	64.01
43.0-44.0	4797.8	362.2	10796.3	2.22	66.23
44.0-45.0	4633.8	356.2	11152.5	2.19	68.42
45.0-46.0	4457.5	348.6	11501.2	2.14	70.56
46.0-47.0	4273.9	340.0	11841.1	2.09	72.64
47.0-48.0	4082.8	330.1	12171.2	2.03	74.67
48.0-49.0	3882.1	318.8	12490.1	1.96	76.62
49.0-50.0	3673.8	306.3	12796.4	1.88	78.50
50.0-51.0	3462.8	293.0	13089.4	1.80	80.30
51.0-52.0	3251.4	279.0	13368.5	1.71	82.01
52.0-53.0	3039.9	264.5	13632.9	1.62	83.64
53.0-54.0	2828.3	249.3	13882.2	1.53	85.17
54.0-55.0	2615.1	233.5	14115.7	1.43	86.60
55.0-56.0	2402.5	217.1	14332.8	1.33	87.93
56.0-57.0	2191.2	200.4	14533.2	1.23	89.16
57.0-58.0	1983.1	183.4	14716.6	1.13	90.28
58.0-59.0	1781.5	166.6	14883.2	1.02	91.31
59.0-60.0	1591.0	150.3	15033.5	0.92	92.23
60.0-61.0	1416.7	135.2	15168.7	0.83	93.06
61.0-62.0	1260.6	121.5	15290.2	0.75	93.80
62.0-63.0	1124.5	109.4	15399.6	0.67	94.47
63.0-64.0	1004.7	98.6	15498.2	0.60	95.08
64.0-65.0	897.3	88.8	15587.0	0.54	95.62
65.0-66.0	802.0	80.0	15667.1	0.49	96.11
66.0-67.0	717.5	72.2	15739.2	0.44	96.56
67.0-68.0	641.0	64.9	15804.1	0.40	96.96
68.0-69.0	571.7	58.3	15862.5	0.36	97.31
69.0-70.0	509.2	52.3	15914.8	0.32	97.63
70.0-71.0	452.1	46.7	15961.5	0.29	97.92
71.0-72.0	401.1	41.7	16003.2	0.26	98.18

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 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	354.1	37.0	16040.2	0.23	98.40
73.0-74.0	309.8	32.6	16072.8	0.20	98.60
74.0-75.0	269.2	28.5	16101.3	0.17	98.78
75.0-76.0	232.1	24.6	16125.9	0.15	98.93
76.0-77.0	198.9	21.2	16147.1	0.13	99.06
77.0-78.0	169.4	18.1	16165.3	0.11	99.17
78.0-79.0	142.8	15.3	16180.6	0.09	99.27
79.0-80.0	119.1	12.8	16193.5	0.08	99.34
80.0-81.0	98.0	10.6	16204.1	0.07	99.41
81.0-82.0	79.1	8.6	16212.6	0.05	99.46
82.0-83.0	63.4	6.9	16219.5	0.04	99.50
83.0-84.0	50.7	5.5	16225.1	0.03	99.54
84.0-85.0	40.7	4.4	16229.5	0.03	99.57
85.0-86.0	32.1	3.5	16233.0	0.02	99.59
86.0-87.0	26.6	2.9	16235.9	0.02	99.60
87.0-88.0	20.4	2.2	16238.2	0.01	99.62
88.0-89.0	11.6	1.3	16239.4	0.01	99.63
89.0-90.0	7.0	0.8	16240.2	0.00	99.63
90.0-91.0	5.6	0.6	16240.8	0.00	99.63
91.0-92.0	3.8	0.4	16241.2	0.00	99.64
92.0-93.0	3.5	0.4	16241.6	0.00	99.64
93.0-94.0	4.2	0.5	16242.1	0.00	99.64
94.0-95.0	4.2	0.5	16242.5	0.00	99.65
95.0-96.0	4.0	0.4	16243.0	0.00	99.65
96.0-97.0	4.2	0.5	16243.4	0.00	99.65
97.0-98.0	3.6	0.4	16243.8	0.00	99.65
98.0-99.0	2.5	0.3	16244.1	0.00	99.65
99.0-100.0	2.6	0.3	16244.4	0.00	99.66
100.0-101.0	3.3	0.4	16244.7	0.00	99.66
101.0-102.0	3.3	0.4	16245.1	0.00	99.66
102.0-103.0	3.9	0.4	16245.5	0.00	99.66
103.0-104.0	4.1	0.4	16245.9	0.00	99.67
104.0-105.0	3.0	0.3	16246.2	0.00	99.67
105.0-106.0	2.5	0.3	16246.5	0.00	99.67
106.0-107.0	3.3	0.4	16246.9	0.00	99.67
107.0-108.0	5.0	0.5	16247.4	0.00	99.68

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 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	5.2	0.5	16247.9	0.00	99.68
109.0-110.0	4.3	0.4	16248.4	0.00	99.68
110.0-111.0	4.7	0.5	16248.8	0.00	99.68
111.0-112.0	5.2	0.5	16249.4	0.00	99.69
112.0-113.0	4.5	0.5	16249.8	0.00	99.69
113.0-114.0	4.7	0.5	16250.3	0.00	99.69
114.0-115.0	5.1	0.5	16250.8	0.00	99.70
115.0-116.0	5.3	0.5	16251.3	0.00	99.70
116.0-117.0	6.3	0.6	16251.9	0.00	99.70
117.0-118.0	7.4	0.7	16252.7	0.00	99.71
118.0-119.0	6.9	0.7	16253.3	0.00	99.71
119.0-120.0	5.2	0.5	16253.8	0.00	99.71
120.0-121.0	5.4	0.5	16254.3	0.00	99.72
121.0-122.0	7.4	0.7	16255.0	0.00	99.72
122.0-123.0	7.5	0.7	16255.7	0.00	99.73
123.0-124.0	7.3	0.7	16256.4	0.00	99.73
124.0-125.0	7.5	0.7	16257.1	0.00	99.73
125.0-126.0	8.2	0.7	16257.8	0.00	99.74
126.0-127.0	9.0	0.8	16258.6	0.00	99.74
127.0-128.0	8.6	0.7	16259.3	0.00	99.75
128.0-129.0	8.7	0.7	16260.1	0.00	99.75
129.0-130.0	10.0	0.8	16260.9	0.01	99.76
130.0-131.0	10.6	0.9	16261.8	0.01	99.76
131.0-132.0	10.9	0.9	16262.7	0.01	99.77
132.0-133.0	12.2	1.0	16263.7	0.01	99.78
133.0-134.0	12.4	1.0	16264.7	0.01	99.78
134.0-135.0	12.5	1.0	16265.7	0.01	99.79
135.0-136.0	13.1	1.0	16266.7	0.01	99.79
136.0-137.0	14.0	1.1	16267.7	0.01	99.80
137.0-138.0	14.5	1.1	16268.8	0.01	99.81
138.0-139.0	14.8	1.1	16269.9	0.01	99.81
139.0-140.0	15.0	1.1	16270.9	0.01	99.82
140.0-141.0	15.1	1.1	16272.0	0.01	99.83
141.0-142.0	15.7	1.1	16273.1	0.01	99.83
142.0-143.0	16.5	1.1	16274.2	0.01	99.84
143.0-144.0	16.9	1.1	16275.3	0.01	99.85

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 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	17.2	1.1	16276.4	0.01	99.85
145.0-146.0	17.2	1.1	16277.4	0.01	99.86
146.0-147.0	17.8	1.1	16278.5	0.01	99.87
147.0-148.0	19.0	1.1	16279.6	0.01	99.87
148.0-149.0	19.3	1.1	16280.7	0.01	99.88
149.0-150.0	19.3	1.1	16281.8	0.01	99.89
150.0-151.0	19.7	1.1	16282.9	0.01	99.89
151.0-152.0	20.0	1.0	16283.9	0.01	99.90
152.0-153.0	20.5	1.0	16284.9	0.01	99.91
153.0-154.0	21.0	1.0	16286.0	0.01	99.91
154.0-155.0	21.0	1.0	16287.0	0.01	99.92
155.0-156.0	20.8	0.9	16287.9	0.01	99.92
156.0-157.0	20.4	0.9	16288.8	0.01	99.93
157.0-158.0	20.3	0.9	16289.7	0.01	99.93
158.0-159.0	20.7	0.8	16290.5	0.01	99.94
159.0-160.0	22.1	0.8	16291.3	0.01	99.94
160.0-161.0	23.2	0.8	16292.2	0.01	99.95
161.0-162.0	24.2	0.8	16293.0	0.01	99.96
162.0-163.0	23.2	0.8	16293.8	0.00	99.96
163.0-164.0	22.3	0.7	16294.5	0.00	99.96
164.0-165.0	23.2	0.7	16295.2	0.00	99.97
165.0-166.0	23.7	0.6	16295.8	0.00	99.97
166.0-167.0	23.9	0.6	16296.4	0.00	99.98
167.0-168.0	23.5	0.6	16297.0	0.00	99.98
168.0-169.0	24.2	0.5	16297.5	0.00	99.98
169.0-170.0	24.6	0.5	16298.0	0.00	99.99
170.0-171.0	24.2	0.4	16298.4	0.00	99.99
171.0-172.0	24.8	0.4	16298.8	0.00	99.99
172.0-173.0	24.0	0.3	16299.2	0.00	99.99
173.0-174.0	24.4	0.3	16299.5	0.00	99.99
174.0-175.0	25.6	0.3	16299.8	0.00	100.00
175.0-176.0	24.5	0.2	16300.0	0.00	100.00
176.0-177.0	23.9	0.2	16300.1	0.00	100.00
177.0-178.0	24.4	0.1	16300.2	0.00	100.00
178.0-179.0	24.3	0.1	16300.3	0.00	100.00
179.0-180.0	25.5	0.0	16300.3	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°): 11152.51 lm

%lum = 68.4%

%lamp = 68.4%

cone flux(120°): 15033.53 lm

%lum = 92.2%

%lamp = 92.2%

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	7176.0	7176.0	7176.0	7176.0	7176.0	7176.0	7176.0	7176.0	7176.0	7176.0
G1.0	7167.5	7167.1	7166.9	7166.1	7171.3	7173.3	7178.0	7179.7	7186.8	7185.2
G2.0	7155.9	7159.5	7149.4	7159.1	7167.7	7170.4	7177.1	7180.4	7188.7	7193.0
G3.0	7144.9	7149.6	7147.4	7145.3	7153.1	7160.3	7176.0	7183.3	7195.9	7197.2
G4.0	7135.0	7135.0	7129.5	7129.0	7142.9	7154.1	7178.7	7187.8	7200.9	7199.2
G5.0	7127.8	7130.3	7116.4	7111.2	7127.7	7140.1	7171.5	7196.9	7205.1	7205.0
G6.0	7111.7	7117.7	7099.2	7096.3	7103.4	7127.6	7168.6	7193.3	7211.5	7207.7
G7.0	7103.4	7101.2	7080.2	7075.5	7088.5	7116.6	7157.6	7194.6	7215.7	7216.0
G8.0	7088.9	7082.1	7057.9	7048.6	7066.3	7096.9	7151.4	7190.6	7218.7	7212.3
G9.0	7071.5	7068.4	7037.5	7024.6	7045.3	7077.4	7138.5	7187.1	7217.5	7218.0
G10.0	7056.1	7051.1	7011.8	6995.2	7011.1	7052.7	7124.0	7183.3	7219.1	7212.1
G11.0	7044.3	7039.5	6989.4	6963.4	6979.4	7025.8	7111.9	7184.6	7218.5	7215.1
G12.0	7027.7	7025.5	6964.1	6930.6	6945.0	6999.3	7096.1	7181.2	7215.4	7217.1
G13.0	7015.3	7004.6	6933.4	6895.8	6907.9	6969.1	7074.2	7170.4	7219.2	7208.0
G14.0	7000.9	6993.1	6907.5	6858.7	6866.1	6940.1	7060.5	7166.3	7218.0	7202.4
G15.0	6985.0	6973.1	6876.1	6825.2	6830.7	6908.3	7036.9	7155.9	7204.4	7193.2
G16.0	6973.5	6953.2	6842.6	6780.1	6788.7	6872.0	7019.2	7148.1	7196.6	7188.7
G17.0	6962.6	6931.5	6819.2	6735.7	6732.5	6835.4	6995.2	7138.0	7182.9	7177.4
G18.0	6949.5	6909.1	6777.0	6685.8	6677.6	6794.1	6975.7	7121.9	7173.3	7166.9
G19.0	6930.9	6889.5	6747.4	6632.9	6617.1	6745.3	6950.5	7107.8	7166.6	7156.8
G20.0	6915.1	6864.8	6706.6	6582.9	6552.3	6697.5	6918.3	7092.6	7160.8	7146.9
G21.0	6902.2	6840.2	6669.2	6521.3	6481.2	6644.4	6890.7	7074.0	7149.1	7127.4
G22.0	6888.2	6818.9	6622.8	6451.2	6395.2	6582.9	6861.9	7053.9	7133.1	7108.3
G23.0	6873.9	6799.1	6576.0	6375.9	6310.2	6509.8	6821.6	7032.1	7114.7	7091.6
G24.0	6859.4	6770.7	6527.4	6289.8	6214.6	6431.6	6776.4	7012.4	7090.5	7072.1
G25.0	6842.1	6748.6	6476.1	6204.6	6107.1	6351.7	6730.9	6994.5	7079.8	7051.4
G26.0	6829.3	6721.1	6416.2	6099.5	5990.6	6258.7	6676.4	6961.1	7063.7	7024.3
G27.0	6813.5	6692.1	6352.5	5989.7	5868.7	6158.2	6617.2	6941.6	7039.7	6999.7
G28.0	6791.5	6663.7	6279.5	5880.9	5738.7	6062.9	6556.2	6916.2	7023.5	6972.4
G29.0	6777.0	6627.6	6211.1	5743.8	5611.6	5945.0	6484.8	6878.9	7005.5	6943.0
G30.0	6764.8	6599.4	6136.2	5621.2	5478.0	5811.3	6400.2	6846.4	6984.4	6915.7
G31.0	6766.2	6565.9	6051.7	5486.1	5346.8	5686.7	6310.3	6803.1	6962.6	6878.5
G32.0	6754.4	6524.6	5944.7	5349.1	5211.4	5557.3	6219.8	6752.6	6943.0	6838.1
G33.0	6739.9	6484.6	5841.4	5212.4	5082.7	5419.9	6122.3	6698.9	6917.0	6792.2
G34.0	6720.0	6438.3	5731.8	5074.1	4958.4	5292.5	6008.7	6648.3	6890.2	6748.6
G35.0	6702.2	6392.1	5626.8	4952.7	4839.6	5147.0	5898.6	6583.7	6852.7	6692.4
G36.0	6682.9	6344.2	5485.7	4822.7	4739.7	5024.8	5761.0	6513.2	6811.1	6630.6

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 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	6659.6	6284.7	5366.2	4720.6	4640.7	4912.6	5628.9	6438.2	6767.8	6553.5
G38.0	6632.9	6223.1	5228.8	4620.2	4505.8	4804.3	5492.5	6357.1	6718.4	6482.3
G39.0	6601.9	6149.7	5084.1	4518.5	4343.6	4691.8	5346.4	6259.8	6660.0	6387.7
G40.0	6571.3	6063.9	4944.2	4392.9	4166.3	4563.1	5216.3	6152.1	6592.5	6290.6
G41.0	6535.1	5978.7	4815.4	4252.1	3945.6	4414.2	5084.2	6040.6	6514.7	6177.3
G42.0	6489.9	5881.3	4697.7	4068.3	3692.4	4244.0	4947.3	5903.0	6426.7	6053.8
G43.0	6422.3	5761.1	4586.0	3878.5	3447.0	4048.7	4831.3	5762.5	6325.9	5900.4
G44.0	6358.6	5653.4	4475.5	3667.4	3186.5	3835.9	4705.7	5604.9	6223.9	5756.9
G45.0	6277.8	5512.7	4351.8	3442.7	2919.1	3609.0	4568.9	5437.9	6095.2	5598.1
G46.0	6174.3	5355.2	4219.3	3211.2	2656.5	3350.9	4416.1	5253.2	5970.0	5418.8
G47.0	6070.1	5176.9	4064.0	2982.0	2408.6	3121.5	4253.0	5059.8	5831.3	5204.0
G48.0	5952.4	5007.4	3910.3	2748.3	2159.4	2884.9	4059.8	4861.7	5663.6	4988.6
G49.0	5815.6	4822.6	3750.3	2508.8	1949.5	2641.4	3872.9	4649.5	5434.1	4772.4
G50.0	5657.6	4621.4	3574.8	2278.0	1763.1	2402.2	3669.9	4437.6	5132.9	4546.9
G51.0	5464.6	4411.3	3394.8	2047.0	1601.3	2173.9	3459.2	4191.7	4874.1	4297.4
G52.0	5225.4	4211.8	3193.7	1856.0	1461.7	1953.7	3242.7	3921.0	4651.6	3976.7
G53.0	4945.9	3979.1	2990.5	1688.6	1343.4	1774.6	3014.1	3643.8	4429.9	3691.6
G54.0	4683.9	3731.1	2778.5	1541.4	1232.7	1620.5	2773.4	3388.5	4133.9	3440.3
G55.0	4444.7	3459.8	2557.2	1402.0	1126.9	1479.3	2500.1	3155.5	3742.5	3202.7
G56.0	4154.3	3192.2	2335.9	1290.6	1044.6	1344.7	2260.7	2857.2	3366.8	2899.7
G57.0	3818.2	2931.2	2101.3	1187.7	963.9	1231.2	2039.3	2554.6	2998.5	2592.5
G58.0	3444.1	2638.0	1904.3	1094.8	891.0	1140.6	1827.6	2256.8	2665.7	2284.7
G59.0	3058.5	2360.7	1720.5	1010.7	814.5	1046.3	1627.2	1979.1	2365.3	1999.9
G60.0	2703.7	2090.8	1558.6	929.6	750.8	958.8	1434.9	1730.9	2084.2	1750.6
G61.0	2366.5	1846.3	1393.7	850.7	691.7	879.0	1253.9	1510.1	1821.2	1534.1
G62.0	2093.8	1630.1	1227.2	778.4	628.5	794.7	1117.5	1339.7	1612.3	1365.2
G63.0	1858.1	1429.4	1093.5	712.8	579.2	723.1	1001.0	1187.3	1434.0	1210.2
G64.0	1645.7	1272.6	974.2	644.8	527.2	657.9	889.6	1055.4	1255.6	1075.9
G65.0	1450.3	1132.2	872.2	594.6	479.3	606.1	778.9	931.0	1111.1	940.2
G66.0	1287.9	1000.9	778.0	548.6	431.4	548.9	694.8	829.2	988.4	840.6
G67.0	1142.7	894.8	688.7	497.2	395.2	499.3	614.3	739.7	878.8	751.6
G68.0	1013.0	804.4	605.3	451.6	360.1	448.7	543.2	659.2	770.2	669.2
G69.0	889.4	711.2	534.8	408.9	324.6	411.0	481.4	592.8	686.2	593.0
G70.0	786.7	632.4	467.0	370.9	289.5	373.4	426.0	520.9	600.4	528.7
G71.0	695.9	562.6	413.7	333.8	260.2	320.7	381.6	462.0	523.1	467.1
G72.0	609.4	505.2	377.5	298.1	236.0	285.2	341.5	404.1	446.1	415.7
G73.0	520.4	438.5	331.9	263.5	208.3	259.0	298.8	361.1	378.7	364.5

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	440.6	386.8	291.7	236.2	187.2	226.7	262.3	312.6	328.2	310.8
G75.0	384.0	339.3	253.7	205.2	158.8	187.5	223.0	268.6	286.4	267.9
G76.0	323.8	292.2	218.6	176.5	140.1	164.8	186.0	231.0	249.5	232.1
G77.0	286.2	246.5	184.8	148.0	118.6	141.2	161.3	197.0	213.3	203.1
G78.0	244.3	216.7	157.1	127.3	100.8	115.7	130.3	173.2	180.6	170.6
G79.0	208.5	182.5	128.4	109.0	84.1	99.6	102.5	146.2	147.9	141.2
G80.0	171.4	154.7	101.2	91.7	68.8	88.1	88.9	117.2	125.3	118.7
G81.0	141.9	127.8	91.1	77.8	54.9	66.6	72.2	95.9	100.8	94.8
G82.0	117.0	101.7	76.4	58.7	34.9	54.5	57.4	69.2	79.6	75.3
G83.0	92.7	83.8	58.9	49.0	34.4	44.8	49.4	61.0	69.2	63.3
G84.0	75.9	66.3	45.9	38.6	22.0	31.9	42.4	51.9	50.7	52.6
G85.0	57.2	51.4	41.3	31.6	24.7	30.5	32.7	42.4	39.5	38.5
G86.0	41.1	45.4	26.1	31.6	21.6	22.9	20.7	33.6	37.6	23.6
G87.0	42.0	37.4	23.2	26.2	12.4	19.7	14.6	25.4	34.3	31.4
G88.0	31.8	29.8	16.5	14.0	9.2	14.1	0.0	16.1	20.1	14.0
G89.0	21.0	19.7	0.0	12.7	8.6	10.1	0.0	0.0	9.0	10.5
G90.0	11.3	9.9	7.8	11.8	8.6	7.8	0.0	0.0	11.3	7.1
G91.0	9.7	0.0	0.0	8.1	8.6	13.5	0.0	0.0	8.3	8.7
G92.0	0.0	0.0	0.0	12.2	7.2	10.5	0.0	0.0	0.0	0.0
G93.0	7.8	0.0	8.5	11.5	0.0	10.8	0.0	0.0	7.1	0.0
G94.0	0.0	7.6	0.0	11.1	0.0	9.6	0.0	0.0	7.1	0.0
G95.0	11.5	0.0	0.0	11.5	8.1	9.0	0.0	0.0	8.6	0.0
G96.0	9.7	0.0	8.0	10.0	7.6	10.5	0.0	0.0	0.0	0.0
G97.0	8.6	7.3	0.0	10.0	0.0	12.1	0.0	0.0	10.6	7.3
G98.0	0.0	7.3	0.0	11.7	0.0	0.0	0.0	0.0	0.0	8.5
G99.0	0.0	7.1	0.0	11.5	0.0	9.0	0.0	0.0	7.8	0.0
G100.0	8.3	0.0	0.0	12.0	0.0	9.9	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	9.7	9.2	9.9	0.0	0.0	9.7	0.0
G102.0	10.4	0.0	0.0	13.1	7.2	9.0	0.0	0.0	0.0	0.0
G103.0	9.2	8.9	0.0	9.1	0.0	13.0	0.0	7.2	0.0	0.0
G104.0	12.2	0.0	0.0	10.8	0.0	11.4	0.0	0.0	0.0	0.0
G105.0	9.2	8.0	0.0	10.8	0.0	0.0	0.0	7.3	0.0	0.0
G106.0	9.5	0.0	0.0	10.9	7.7	0.0	0.0	0.0	0.0	0.0
G107.0	8.8	0.0	0.0	11.7	0.0	13.0	0.0	0.0	9.2	0.0
G108.0	15.5	7.1	7.3	14.7	0.0	9.4	0.0	0.0	8.5	0.0
G109.0	12.7	0.0	0.0	12.4	0.0	12.1	0.0	0.0	9.2	0.0
G110.0	8.5	7.4	0.0	9.7	9.4	0.0	0.0	7.7	8.3	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	13.9	0.0	0.0	12.7	7.4	9.9	0.0	10.7	8.8	7.4
G112.0	9.7	11.0	8.5	12.7	0.0	11.5	0.0	8.1	0.0	0.0
G113.0	11.3	8.9	0.0	13.1	8.3	8.8	0.0	0.0	7.9	0.0
G114.0	9.7	0.0	0.0	13.5	7.9	11.5	0.0	10.6	0.0	0.0
G115.0	11.7	0.0	0.0	14.0	9.5	12.3	0.0	0.0	8.8	0.0
G116.0	12.9	0.0	0.0	11.1	9.2	10.3	0.0	10.4	8.5	7.6
G117.0	11.8	11.0	0.0	12.2	9.9	8.7	0.0	9.7	7.4	7.3
G118.0	11.1	11.3	0.0	12.7	9.4	11.9	0.0	0.0	10.4	8.7
G119.0	9.9	7.6	11.0	12.2	0.0	9.8	0.0	0.0	10.9	9.0
G120.0	12.5	9.2	0.0	9.9	0.0	10.6	0.0	0.0	0.0	0.0
G121.0	13.1	8.3	7.1	11.3	8.3	9.6	0.0	0.0	9.5	8.0
G122.0	16.9	8.3	0.0	14.2	9.2	9.9	0.0	8.6	10.9	7.6
G123.0	8.3	9.0	0.0	15.4	9.2	9.0	0.0	7.5	12.0	10.1
G124.0	12.7	11.2	0.0	12.7	14.9	9.6	0.0	0.0	11.5	8.9
G125.0	13.2	10.5	7.6	13.8	9.7	11.0	0.0	9.8	9.9	9.4
G126.0	13.6	7.1	9.0	12.7	11.0	11.0	0.0	0.0	18.5	11.3
G127.0	9.9	12.9	0.0	13.3	12.1	10.8	0.0	8.6	12.9	11.0
G128.0	13.4	8.7	0.0	15.1	12.2	10.5	7.8	11.4	13.1	11.0
G129.0	17.3	11.2	8.2	15.2	10.4	14.1	0.0	7.9	11.8	9.0
G130.0	12.9	15.2	7.4	15.4	9.4	12.8	11.5	10.2	14.1	7.4
G131.0	11.8	11.2	0.0	13.8	11.3	13.5	7.2	8.1	16.9	9.2
G132.0	12.9	11.7	0.0	14.5	13.7	10.8	9.2	12.2	10.1	15.9
G133.0	16.2	15.6	8.9	18.8	13.7	12.6	7.2	8.4	15.0	7.3
G134.0	16.2	11.9	11.9	16.3	12.6	18.6	9.9	9.8	15.7	12.1
G135.0	18.5	14.5	12.4	15.2	14.2	17.3	0.0	13.8	20.5	16.5
G136.0	15.7	17.4	9.2	16.5	13.5	17.5	9.9	13.1	16.1	9.2
G137.0	15.2	14.5	10.5	17.0	13.5	16.8	13.5	12.9	18.2	13.5
G138.0	20.8	14.4	12.4	18.3	16.9	17.5	11.0	14.1	19.1	12.1
G139.0	14.1	13.5	11.0	19.9	13.5	18.0	10.6	12.7	17.6	12.2
G140.0	21.9	17.2	12.4	19.2	16.4	8.1	11.9	11.3	16.9	15.9
G141.0	15.9	15.6	15.2	17.6	16.4	17.1	15.0	12.9	16.2	17.2
G142.0	18.0	17.4	10.6	18.8	18.9	16.2	14.6	12.9	18.2	13.8
G143.0	16.8	15.4	16.0	21.2	17.8	20.4	12.6	14.9	17.8	18.4
G144.0	16.6	21.8	13.7	22.8	19.4	13.9	12.5	17.5	21.0	15.8
G145.0	21.2	17.4	14.2	23.5	19.1	19.1	15.9	15.7	18.7	19.5
G146.0	17.1	18.4	15.1	24.2	19.4	19.0	13.7	11.8	20.8	7.6
G147.0	19.4	19.7	19.3	23.9	18.0	25.3	17.9	15.4	19.2	18.3

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	20.7	11.7	19.3	26.0	21.1	20.9	18.6	17.7	21.9	14.0
G149.0	24.5	22.0	19.1	25.8	19.8	22.2	11.7	17.0	21.0	19.0
G150.0	19.8	20.9	19.3	22.4	19.6	20.9	14.4	17.7	20.1	18.3
G151.0	21.4	22.9	18.6	25.8	21.1	17.3	17.3	18.1	20.3	20.2
G152.0	21.9	21.4	16.1	27.1	21.1	22.0	15.9	24.9	19.2	19.7
G153.0	22.8	18.3	20.0	26.5	21.1	27.8	15.0	16.5	23.8	17.4
G154.0	22.2	20.2	20.7	26.4	19.3	23.1	15.5	17.9	21.4	17.9
G155.0	20.3	23.6	19.7	22.4	22.3	22.0	18.2	16.1	20.0	17.2
G156.0	22.9	19.1	17.9	21.2	19.6	24.4	15.3	17.0	21.4	19.0
G157.0	21.7	20.6	23.8	25.8	21.1	24.0	13.5	22.5	22.2	22.9
G158.0	23.7	21.3	14.2	26.5	19.1	20.9	17.7	20.0	18.9	18.4
G159.0	24.9	23.6	20.9	26.0	21.1	27.1	17.7	20.9	19.6	20.6
G160.0	20.0	25.5	19.3	31.6	22.7	26.9	22.2	24.3	21.7	23.2
G161.0	24.7	24.4	25.2	27.4	24.8	24.9	22.4	21.7	24.0	17.4
G162.0	27.5	25.9	23.2	30.5	24.3	26.5	15.9	25.1	29.5	24.3
G163.0	21.9	23.0	18.4	26.5	23.4	25.8	14.8	24.3	23.8	14.2
G164.0	25.2	26.0	17.9	30.7	22.0	24.9	15.0	14.3	23.5	19.7
G165.0	22.4	24.1	21.8	28.7	23.8	29.1	19.5	22.2	26.5	23.2
G166.0	25.8	22.3	22.0	27.3	22.7	27.1	18.9	22.9	26.7	27.8
G167.0	26.7	23.7	24.5	27.6	18.7	27.8	19.7	23.1	26.1	27.5
G168.0	27.4	23.2	14.7	30.1	16.9	27.6	22.6	22.7	23.1	23.0
G169.0	20.0	26.2	22.3	28.0	25.4	30.1	24.0	25.9	24.0	23.7
G170.0	23.7	24.1	25.2	25.8	23.0	28.3	16.8	21.5	26.8	25.3
G171.0	25.2	25.5	23.9	26.5	25.9	28.7	18.2	25.1	24.5	26.6
G172.0	25.2	21.8	22.7	35.1	25.2	30.0	19.5	22.9	16.6	23.4
G173.0	24.9	19.1	10.3	26.2	21.4	26.4	17.9	22.5	25.8	24.8
G174.0	25.2	23.2	27.5	30.3	20.5	30.1	22.9	24.5	24.9	26.2
G175.0	25.6	27.5	18.6	31.2	24.1	22.9	18.6	25.1	29.7	25.2
G176.0	25.4	23.9	24.5	28.9	26.6	28.7	19.7	22.9	16.2	27.6
G177.0	26.8	23.4	22.2	27.6	26.1	19.7	17.3	20.9	28.4	24.4
G178.0	22.8	23.9	20.9	30.5	23.9	30.0	19.7	20.2	26.8	24.4
G179.0	20.5	22.5	21.6	31.4	20.7	28.5	22.0	18.6	28.1	23.0
G180.0	15.7	23.7	22.3	28.2	19.4	22.2	23.6	20.6	88.3	25.7

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 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	7176.0	7176.0	7176.0	7176.0	7176.0	7176.0	7176.0			
G1.0	7178.5	7179.0	7177.2	7172.0	7171.3	7168.6	7167.5			
G2.0	7185.7	7181.7	7181.6	7171.3	7164.8	7162.4	7155.9			
G3.0	7191.4	7184.9	7174.4	7161.0	7155.1	7155.0	7144.9			
G4.0	7192.7	7179.7	7170.8	7147.8	7146.9	7142.3	7135.0			
G5.0	7191.4	7174.9	7159.8	7138.1	7135.0	7130.9	7127.8			
G6.0	7189.6	7165.9	7144.8	7126.7	7125.1	7118.0	7111.7			
G7.0	7188.4	7154.6	7128.1	7106.5	7107.2	7111.4	7103.4			
G8.0	7179.0	7142.3	7109.4	7082.1	7086.9	7102.3	7088.9			
G9.0	7174.6	7128.6	7082.9	7057.2	7067.7	7087.2	7071.5			
G10.0	7168.0	7103.0	7057.7	7031.8	7054.9	7071.7	7056.1			
G11.0	7156.5	7084.0	7023.1	7004.2	7032.2	7055.2	7044.3			
G12.0	7141.1	7061.6	6995.8	6971.1	7006.8	7041.8	7027.7			
G13.0	7135.2	7037.0	6952.7	6929.8	6976.8	7024.6	7015.3			
G14.0	7111.6	7000.6	6916.9	6897.5	6953.7	7007.9	7000.9			
G15.0	7100.1	6973.3	6877.8	6854.5	6923.2	6989.2	6985.0			
G16.0	7073.3	6940.7	6837.1	6811.0	6898.3	6972.3	6973.5			
G17.0	7049.6	6908.0	6789.4	6769.7	6866.4	6950.0	6962.6			
G18.0	7031.7	6865.0	6734.0	6722.8	6826.3	6931.4	6949.5			
G19.0	7005.4	6826.2	6677.1	6667.2	6796.0	6911.5	6930.9			
G20.0	6979.0	6774.6	6617.0	6617.2	6759.6	6892.2	6915.1			
G21.0	6949.0	6724.9	6551.8	6558.9	6722.2	6866.2	6902.2			
G22.0	6913.0	6667.5	6478.0	6496.6	6680.4	6848.1	6888.2			
G23.0	6877.7	6604.9	6395.9	6424.6	6636.5	6819.9	6873.9			
G24.0	6841.0	6535.3	6306.8	6349.7	6589.3	6801.3	6859.4			
G25.0	6802.6	6449.4	6200.3	6261.2	6541.1	6771.7	6842.1			
G26.0	6742.8	6364.9	6088.0	6176.8	6490.4	6744.5	6829.3			
G27.0	6692.1	6272.0	5978.5	6074.1	6441.9	6726.5	6813.5			
G28.0	6631.6	6174.8	5853.1	5972.3	6385.4	6684.8	6791.5			
G29.0	6563.0	6066.1	5713.2	5860.5	6315.2	6664.2	6777.0			
G30.0	6495.3	5942.6	5555.5	5724.3	6243.8	6627.2	6764.8			
G31.0	6415.3	5806.4	5411.1	5587.6	6169.2	6594.4	6766.2			
G32.0	6321.9	5671.6	5264.5	5446.5	6086.6	6560.2	6754.4			
G33.0	6232.2	5529.0	5118.7	5302.1	5993.7	6525.3	6739.9			
G34.0	6128.1	5384.2	4978.1	5153.3	5892.8	6485.3	6720.0			
G35.0	6013.7	5241.5	4847.4	4990.9	5764.2	6444.3	6702.2			
G36.0	5889.4	5079.9	4720.4	4852.3	5642.6	6396.5	6682.9			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	5747.7	4949.7	4616.9	4728.5	5507.3	6351.8	6659.6			
G38.0	5607.1	4829.1	4513.4	4614.4	5356.1	6295.0	6632.9			
G39.0	5457.7	4719.9	4390.6	4509.3	5214.1	6233.5	6601.9			
G40.0	5308.9	4608.5	4214.9	4392.4	5070.7	6153.5	6571.3			
G41.0	5160.8	4480.8	4014.0	4264.0	4920.2	6076.0	6535.1			
G42.0	5010.5	4316.0	3783.9	4114.2	4786.0	5980.8	6489.9			
G43.0	4881.2	4137.7	3551.4	3933.7	4667.3	5881.1	6422.3			
G44.0	4754.3	3949.0	3316.9	3719.5	4544.9	5758.9	6358.6			
G45.0	4608.7	3724.7	3050.0	3511.6	4434.0	5626.9	6277.8			
G46.0	4454.4	3504.1	2804.6	3295.3	4311.7	5476.2	6174.3			
G47.0	4297.3	3285.4	2566.1	3081.6	4177.4	5312.8	6070.1			
G48.0	4117.5	3053.9	2334.4	2852.6	4028.6	5135.1	5952.4			
G49.0	3931.5	2829.5	2094.2	2613.8	3859.3	4924.7	5815.6			
G50.0	3711.0	2578.9	1899.6	2395.0	3697.9	4725.2	5657.6			
G51.0	3500.5	2358.7	1725.7	2187.1	3520.9	4508.7	5464.6			
G52.0	3286.7	2149.2	1579.1	1992.5	3337.0	4290.2	5225.4			
G53.0	3060.8	1951.2	1441.9	1816.0	3117.8	4058.1	4945.9			
G54.0	2824.8	1769.3	1326.5	1637.6	2907.5	3767.3	4683.9			
G55.0	2565.3	1599.3	1207.2	1503.0	2688.2	3492.4	4444.7			
G56.0	2331.3	1470.3	1118.0	1384.4	2461.6	3240.3	4154.3			
G57.0	2105.4	1346.8	1031.1	1270.5	2213.6	2981.4	3818.2			
G58.0	1882.0	1235.6	956.2	1173.9	1999.2	2699.0	3444.1			
G59.0	1666.2	1128.1	874.4	1074.3	1808.0	2379.8	3058.5			
G60.0	1447.9	1032.4	800.8	990.7	1629.0	2106.0	2703.7			
G61.0	1286.8	945.7	731.5	911.3	1460.5	1851.5	2366.5			
G62.0	1152.9	860.5	673.5	828.3	1291.3	1609.6	2093.8			
G63.0	1020.1	776.8	611.8	758.1	1154.9	1429.2	1858.1			
G64.0	908.2	707.0	567.5	689.5	1028.0	1271.4	1645.7			
G65.0	810.5	644.8	514.9	632.8	914.7	1130.6	1450.3			
G66.0	713.9	591.9	461.4	579.2	818.6	1006.7	1287.9			
G67.0	634.1	535.4	423.4	527.4	720.6	894.9	1142.7			
G68.0	562.3	486.1	384.2	477.8	643.0	794.9	1013.0			
G69.0	496.5	438.3	345.7	430.8	563.1	712.0	889.4			
G70.0	441.5	393.1	314.5	391.9	502.1	634.7	786.7			
G71.0	389.6	349.7	282.7	351.8	437.5	562.6	695.9			
G72.0	360.7	308.0	251.1	311.9	393.3	495.5	609.4			
G73.0	308.0	269.6	223.3	277.6	351.6	435.9	520.4			

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 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	269.5	239.3	196.2	245.5	303.5	385.1	440.6			
G75.0	233.9	200.3	170.1	215.9	267.6	331.2	384.0			
G76.0	199.7	174.9	145.3	185.2	232.4	282.9	323.8			
G77.0	167.2	145.5	128.7	155.2	191.4	242.8	286.2			
G78.0	135.5	122.5	109.8	133.0	162.7	211.0	244.3			
G79.0	112.2	102.6	86.8	114.8	132.1	179.3	208.5			
G80.0	96.3	85.6	74.2	97.6	106.6	148.3	171.4			
G81.0	78.9	62.2	50.4	75.1	92.6	118.5	141.9			
G82.0	65.3	56.7	47.9	61.6	75.8	98.8	117.0			
G83.0	45.4	42.9	31.1	43.9	52.0	75.0	92.7			
G84.0	40.8	34.4	29.7	37.2	44.2	62.3	75.9			
G85.0	30.3	30.7	25.4	23.6	37.3	37.2	57.2			
G86.0	18.1	21.2	16.2	27.3	30.3	34.9	41.1			
G87.0	15.8	18.1	16.4	22.9	23.1	37.8	42.0			
G88.0	8.0	15.6	10.8	17.5	12.6	23.6	31.8			
G89.0	0.0	8.4	8.6	10.3	0.0	0.0	21.0			
G90.0	7.3	7.3	7.2	0.0	0.0	7.3	11.3			
G91.0	0.0	0.0	9.9	8.5	0.0	0.0	9.7			
G92.0	0.0	7.3	8.8	0.0	0.0	0.0	0.0			
G93.0	0.0	9.5	0.0	9.6	0.0	0.0	7.8			
G94.0	7.4	8.1	10.4	7.8	0.0	0.0	0.0			
G95.0	0.0	7.9	10.3	0.0	0.0	0.0	11.5			
G96.0	0.0	7.7	0.0	7.4	0.0	0.0	9.7			
G97.0	0.0	7.2	0.0	9.8	0.0	0.0	8.6			
G98.0	0.0	0.0	7.6	8.1	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	7.6	10.5	0.0	0.0	8.3			
G101.0	0.0	0.0	7.9	9.9	0.0	0.0	0.0			
G102.0	0.0	0.0	8.3	0.0	0.0	0.0	10.4			
G103.0	0.0	10.0	10.1	10.8	0.0	0.0	9.2			
G104.0	0.0	9.0	0.0	9.2	0.0	0.0	12.2			
G105.0	0.0	0.0	0.0	7.6	0.0	0.0	9.2			
G106.0	0.0	0.0	8.8	0.0	0.0	0.0	9.5			
G107.0	0.0	7.2	8.5	11.5	0.0	0.0	8.8			
G108.0	0.0	10.2	9.2	7.6	0.0	0.0	15.5			
G109.0	0.0	9.9	9.2	11.0	0.0	0.0	12.7			
G110.0	0.0	0.0	0.0	9.9	0.0	0.0	8.5			

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	8.2	0.0	9.7	0.0	0.0	0.0	13.9			
G112.0	7.4	0.0	7.2	0.0	0.0	0.0	9.7			
G113.0	0.0	9.1	0.0	0.0	0.0	0.0	11.3			
G114.0	0.0	10.9	8.6	10.1	0.0	0.0	9.7			
G115.0	0.0	7.7	9.5	7.9	0.0	0.0	11.7			
G116.0	0.0	8.1	8.6	0.0	0.0	0.0	12.9			
G117.0	9.9	8.8	9.4	9.6	0.0	0.0	11.8			
G118.0	0.0	9.5	9.2	10.3	8.8	8.2	11.1			
G119.0	7.1	0.0	9.4	11.7	0.0	0.0	9.9			
G120.0	0.0	7.2	7.9	10.1	0.0	0.0	12.5			
G121.0	0.0	9.9	11.3	10.1	0.0	0.0	13.1			
G122.0	8.7	8.3	7.9	11.7	8.5	0.0	16.9			
G123.0	0.0	10.2	8.1	10.1	0.0	0.0	8.3			
G124.0	12.2	10.0	10.1	12.1	0.0	0.0	12.7			
G125.0	0.0	11.3	8.8	0.0	0.0	0.0	13.2			
G126.0	9.8	11.7	0.0	14.6	8.1	7.9	13.6			
G127.0	9.2	9.5	10.8	11.2	0.0	7.9	9.9			
G128.0	0.0	11.3	9.2	10.6	0.0	0.0	13.4			
G129.0	7.1	12.4	11.9	7.6	0.0	0.0	17.3			
G130.0	10.5	16.1	10.4	10.1	0.0	11.1	12.9			
G131.0	7.1	13.1	13.9	14.8	11.4	0.0	11.8			
G132.0	11.9	13.8	16.0	16.2	7.6	8.9	12.9			
G133.0	14.7	13.8	14.2	11.9	12.5	12.7	16.2			
G134.0	11.0	12.2	12.4	13.9	9.7	0.0	16.2			
G135.0	12.9	12.0	12.1	14.8	10.1	0.0	18.5			
G136.0	14.0	14.7	11.3	12.8	12.1	11.6	15.7			
G137.0	16.8	16.7	14.2	16.2	11.0	11.4	15.2			
G138.0	14.7	14.5	17.1	16.4	0.0	11.1	20.8			
G139.0	18.3	16.5	16.4	17.9	15.9	13.6	14.1			
G140.0	16.1	15.6	14.4	13.9	11.7	14.5	21.9			
G141.0	13.8	16.5	16.6	13.7	12.6	14.5	15.9			
G142.0	16.5	17.4	16.4	15.9	15.5	13.2	18.0			
G143.0	19.3	17.0	17.5	17.5	13.5	15.9	16.8			
G144.0	17.0	19.0	16.9	16.6	14.4	10.7	16.6			
G145.0	18.8	17.6	17.1	16.8	13.4	13.1	21.2			
G146.0	11.2	20.3	16.9	16.1	20.2	17.2	17.1			
G147.0	14.7	18.1	22.1	18.8	14.6	16.8	19.4			

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 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	16.8	23.0	17.6	20.9	17.0	19.0	20.7			
G149.0	17.7	21.9	18.2	16.8	16.6	17.9	24.5			
G150.0	13.3	20.3	19.8	22.4	20.6	16.5	19.8			
G151.0	20.2	21.5	20.9	23.6	17.7	15.9	21.4			
G152.0	20.0	22.6	16.0	18.2	13.7	17.9	21.9			
G153.0	19.7	25.1	23.4	21.8	17.7	21.1	22.8			
G154.0	21.8	20.6	23.6	20.6	22.2	19.3	22.2			
G155.0	21.1	26.7	25.0	21.7	22.4	22.0	20.3			
G156.0	21.1	20.3	21.1	21.1	20.4	22.0	22.9			
G157.0	19.1	18.3	23.8	16.8	13.5	19.7	21.7			
G158.0	16.0	22.2	17.6	21.8	25.3	17.0	23.7			
G159.0	18.1	26.4	20.3	20.9	13.4	19.0	24.9			
G160.0	23.2	21.0	24.7	20.9	20.4	17.9	20.0			
G161.0	23.0	25.5	23.2	23.8	23.5	20.9	24.7			
G162.0	23.2	27.3	25.2	24.9	26.3	17.4	27.5			
G163.0	20.6	28.3	22.1	15.7	23.6	17.9	21.9			
G164.0	25.0	26.9	30.8	22.2	23.3	20.8	25.2			
G165.0	25.4	23.1	22.3	24.0	20.7	16.3	22.4			
G166.0	22.3	24.2	28.5	23.6	19.8	22.0	25.8			
G167.0	24.3	28.0	20.5	20.9	19.8	21.7	26.7			
G168.0	25.5	27.8	24.7	26.0	18.6	18.3	27.4			
G169.0	19.5	24.9	29.3	27.4	27.6	24.3	20.0			
G170.0	27.1	21.3	17.8	29.6	27.4	19.5	23.7			
G171.0	25.5	29.6	24.8	30.5	19.5	11.4	25.2			
G172.0	25.7	29.1	26.6	28.3	28.5	20.4	25.2			
G173.0	25.9	28.7	27.2	22.0	23.5	19.3	24.9			
G174.0	23.4	28.0	29.0	29.1	30.3	20.0	25.2			
G175.0	25.7	28.3	28.1	29.1	23.5	21.7	25.6			
G176.0	25.4	24.0	23.2	21.1	20.2	20.6	25.4			
G177.0	19.3	26.7	23.9	26.0	28.3	23.1	26.8			
G178.0	26.1	26.0	29.0	27.8	23.5	20.2	22.8			
G179.0	25.5	25.7	26.3	22.2	24.0	21.7	20.5			
G180.0	24.8	27.6	22.3	23.8	25.8	20.9	15.7			

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: