

Report No.:

Test Time: 2023/6/28 22:18

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 1.034 A
Power Factor: 0.996

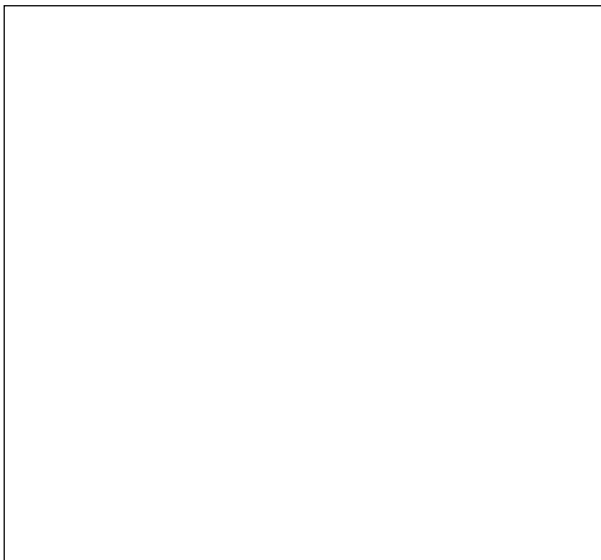
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 123.53 W

Photometric Results

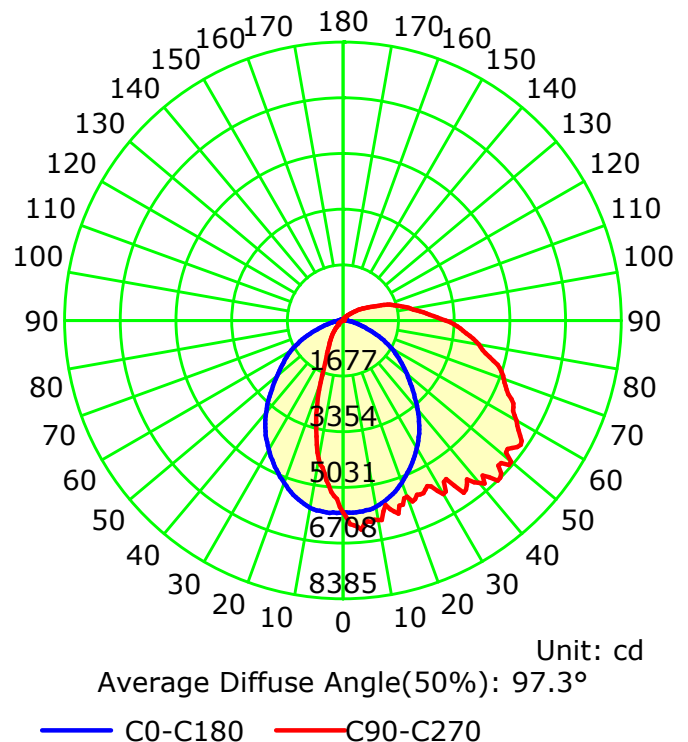
IES Classification: Type IV
Total Rated Lamp Lumens: 17138.2 lm
Efficiency: 100%
Upward Ratio: 11%
C0r0 Intensity: 5782.45 cd
Pos of Max. Intensity: H90 V44
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 92.6, 102.0, 93.8, 95.4

Longitudinal Classification: Very Short
Measurement Flux: 17138.2 lm
Downward Ratio: 89%
Luminaire Efficacy Rating (LER): 138.79
Max. Intensity: 6708.45 cd

Picture Of Luminaire



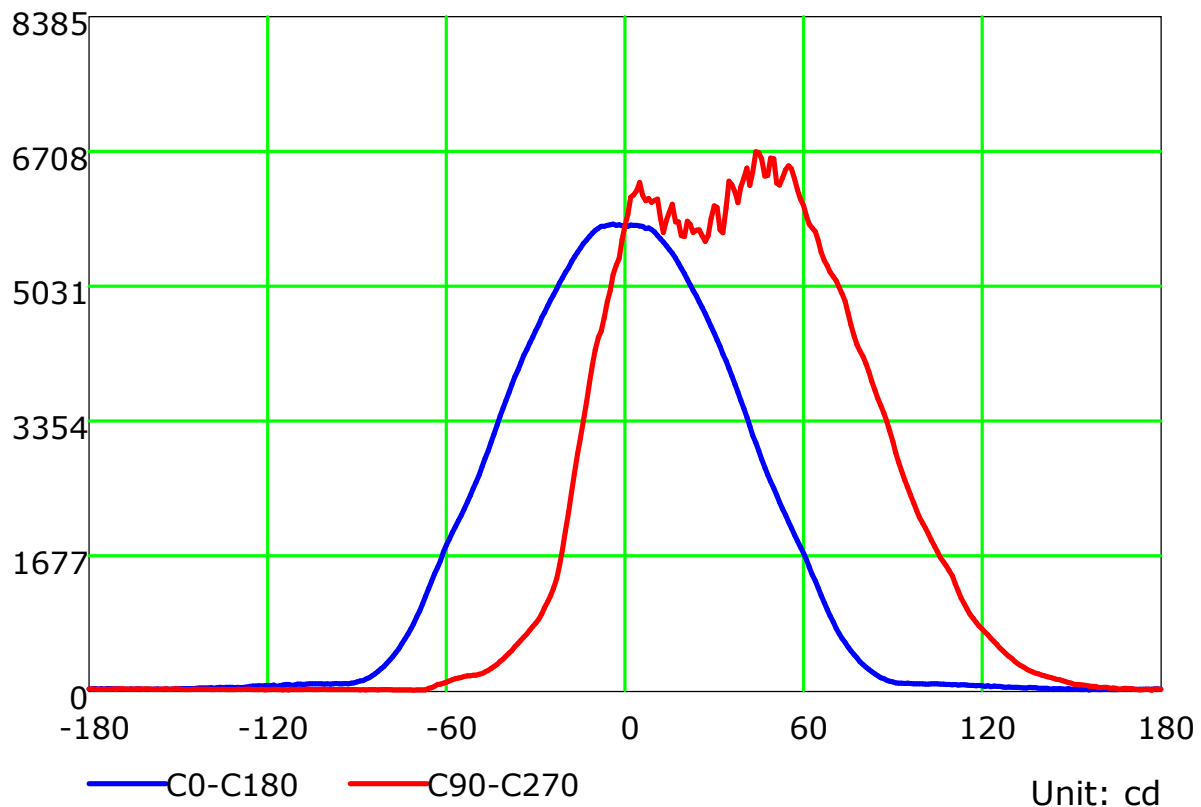
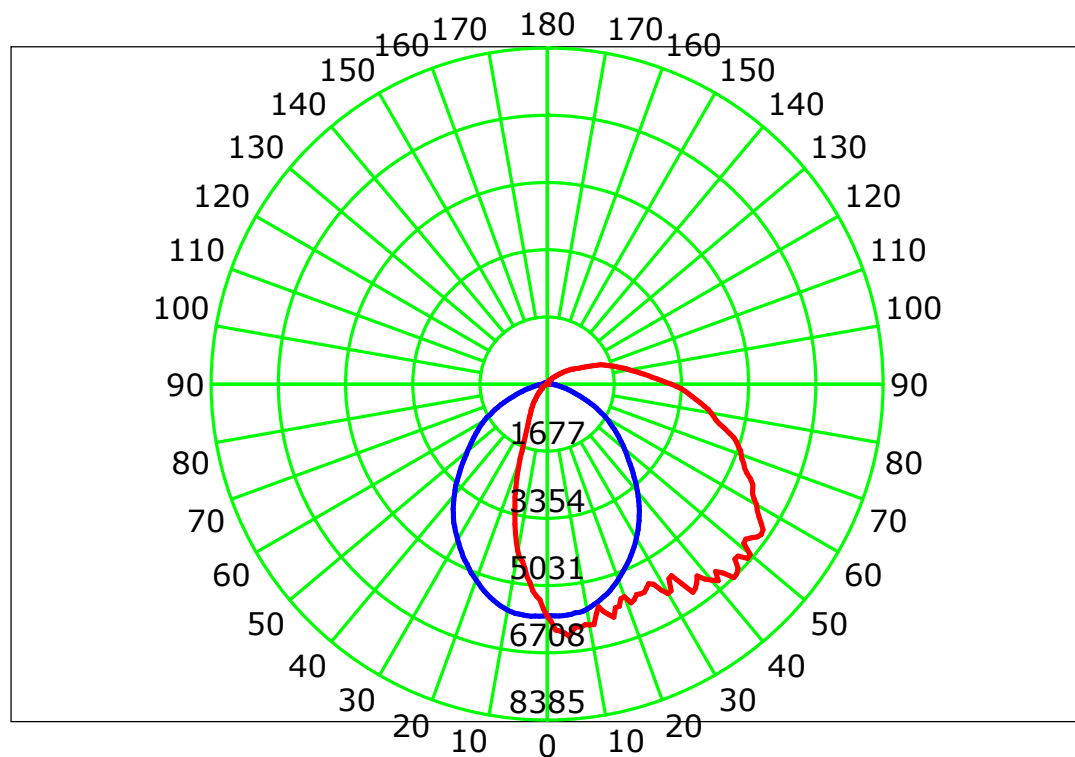
Luminous Intensity Distribution Curve



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

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

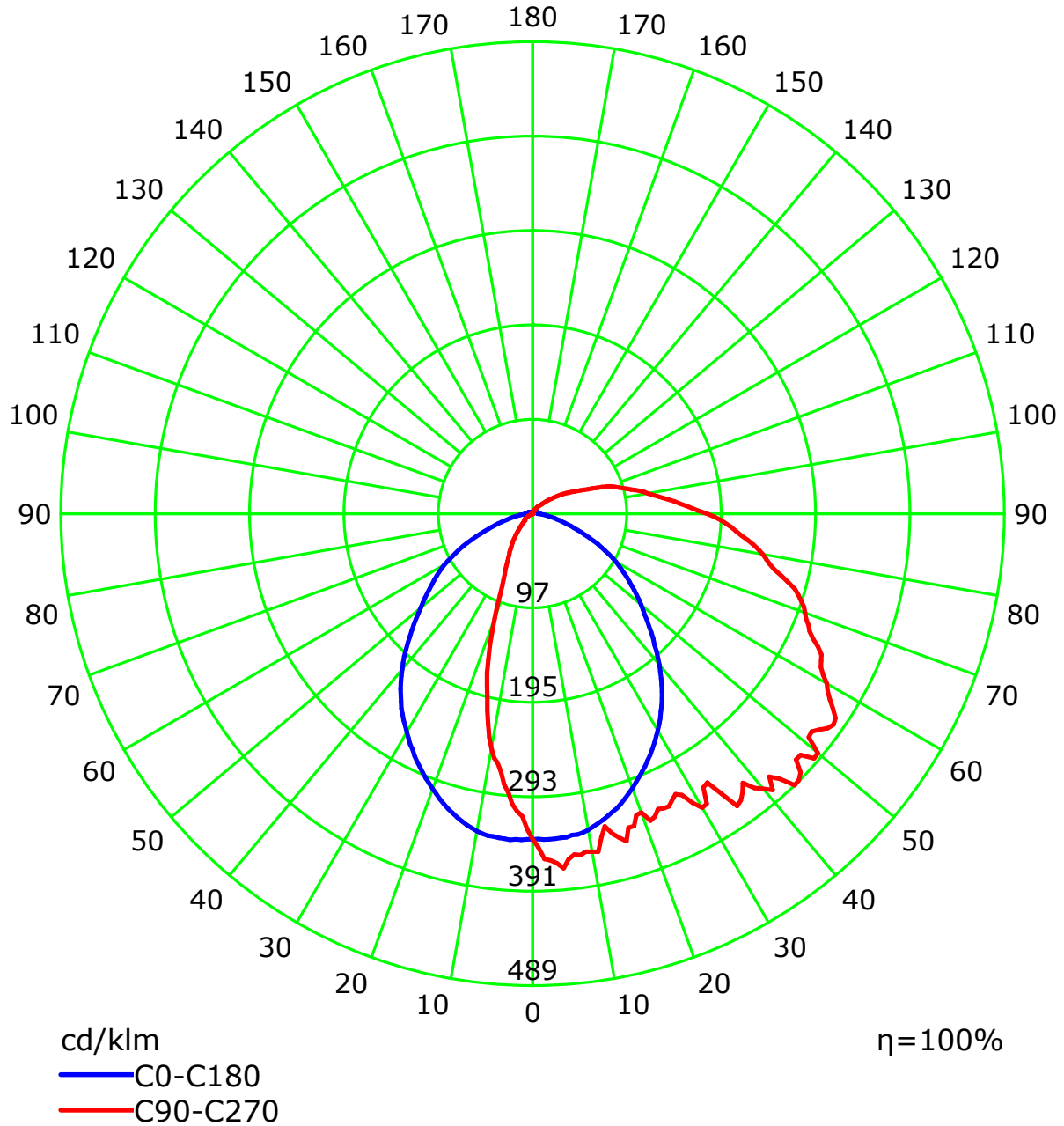
Luminous Intensity Distribution Curve



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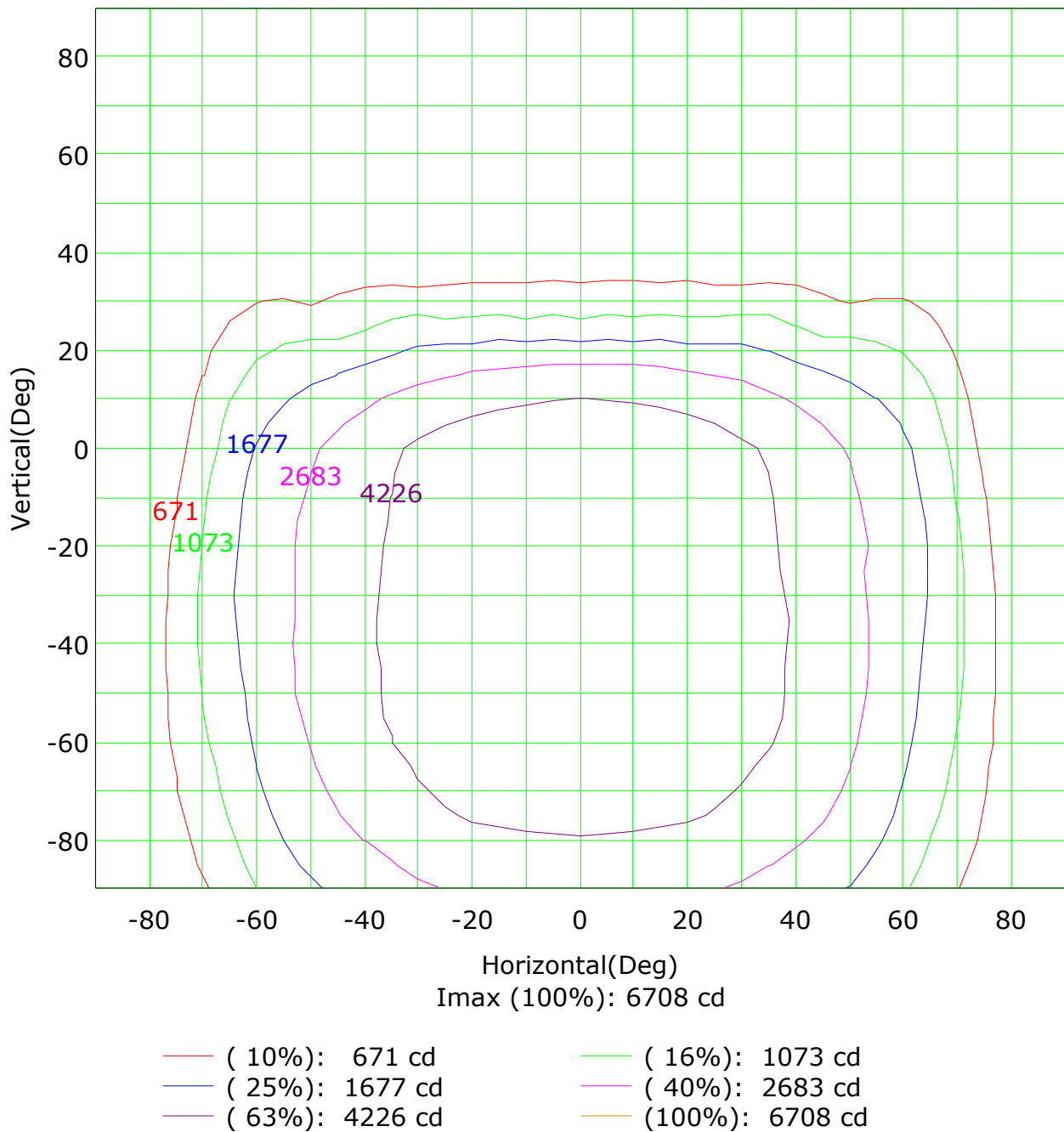
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
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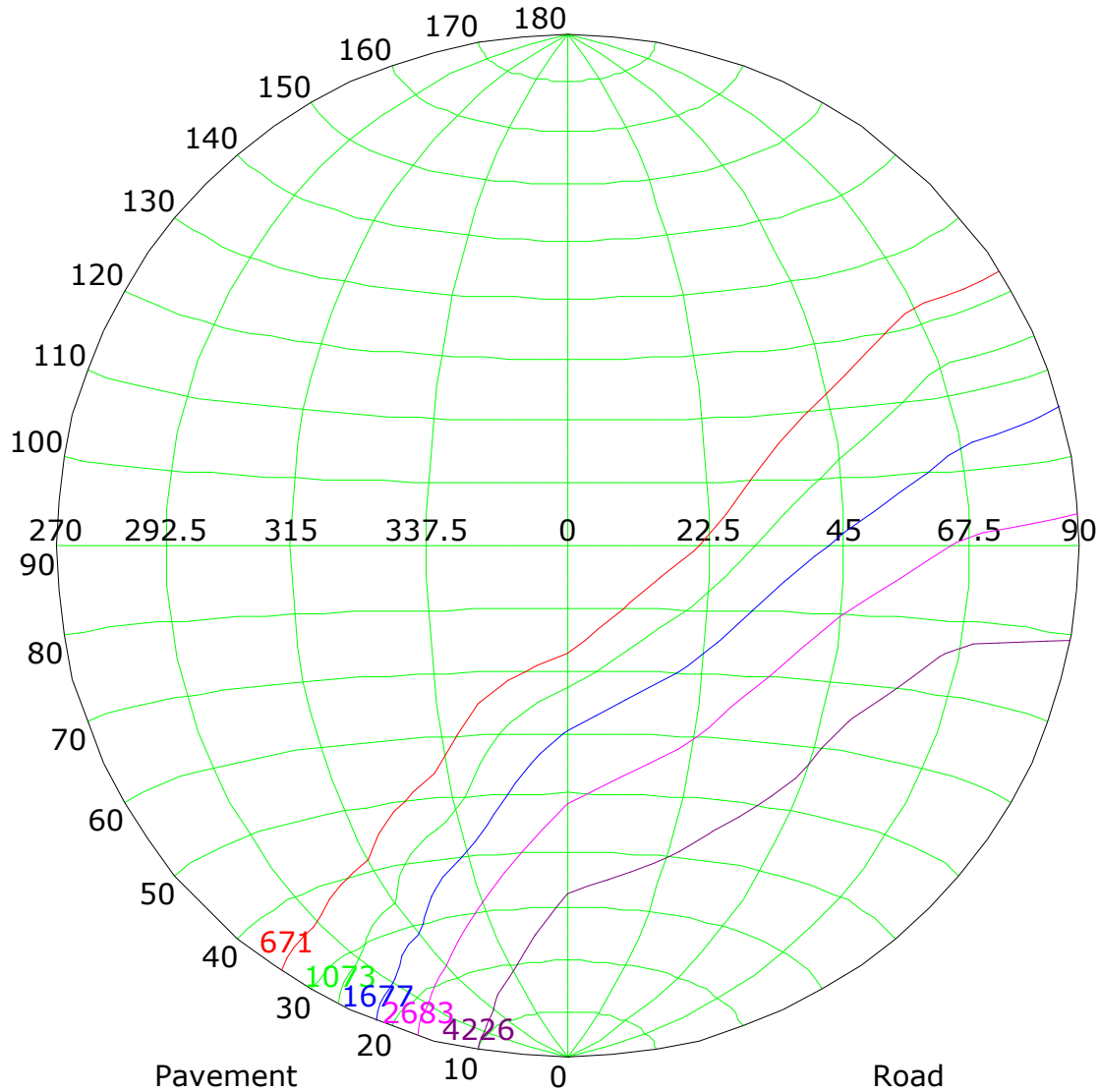
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
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Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 6708 cd

(10%): 671 cd
(25%): 1677 cd
(63%): 4226 cd

(16%): 1073 cd
(40%): 2683 cd
(100%): 6708 cd

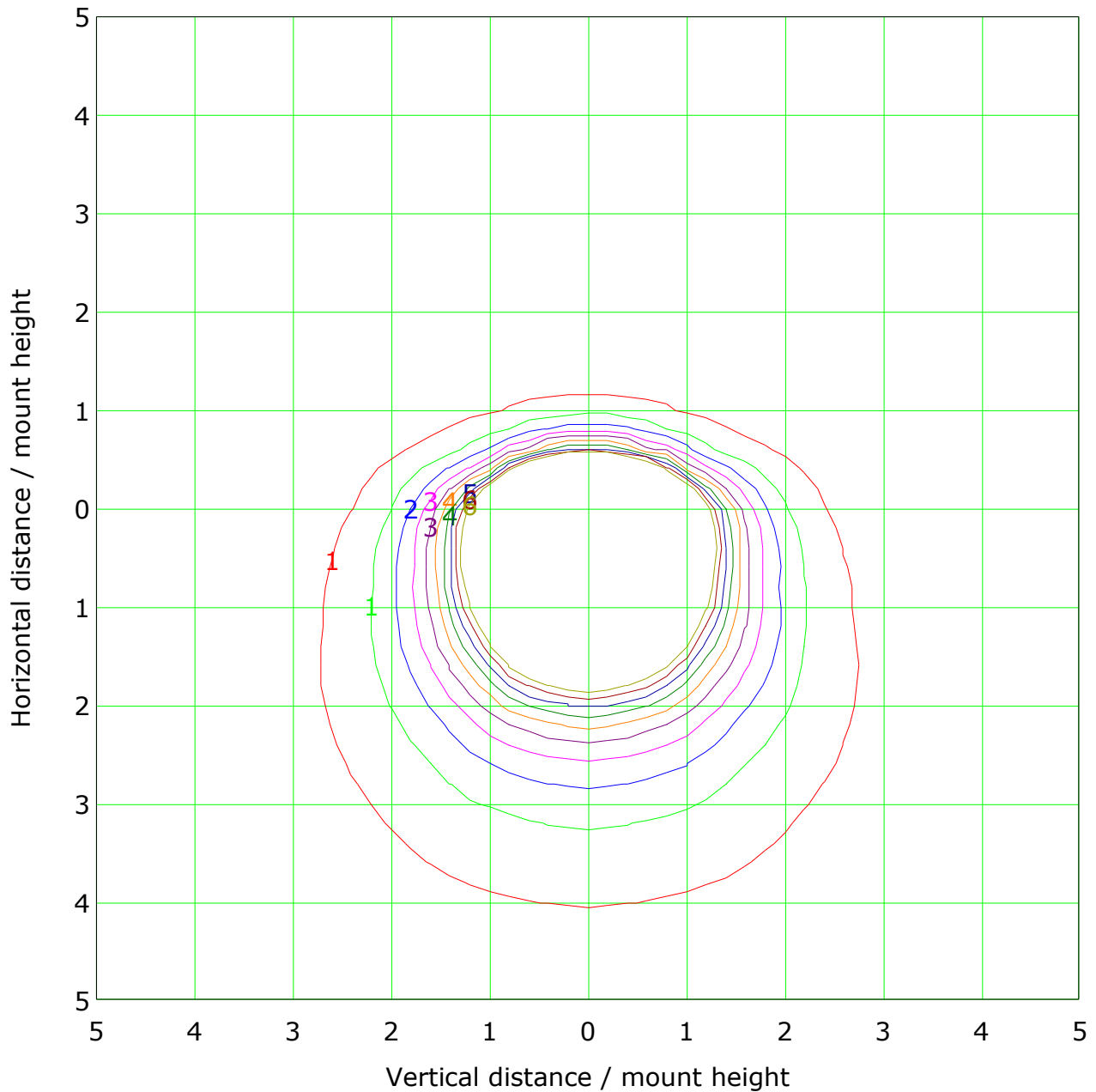
CIE: broad - short
CIE: Non-cut-off luminaire
Max.At90: 180.923 cd/klm

IES: Non-cut-off
Max.At80: 242.536 cd/klm
Max.80-90: 242.536 cd/klm

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Humidity:
Inspector:

IsoLux Plot



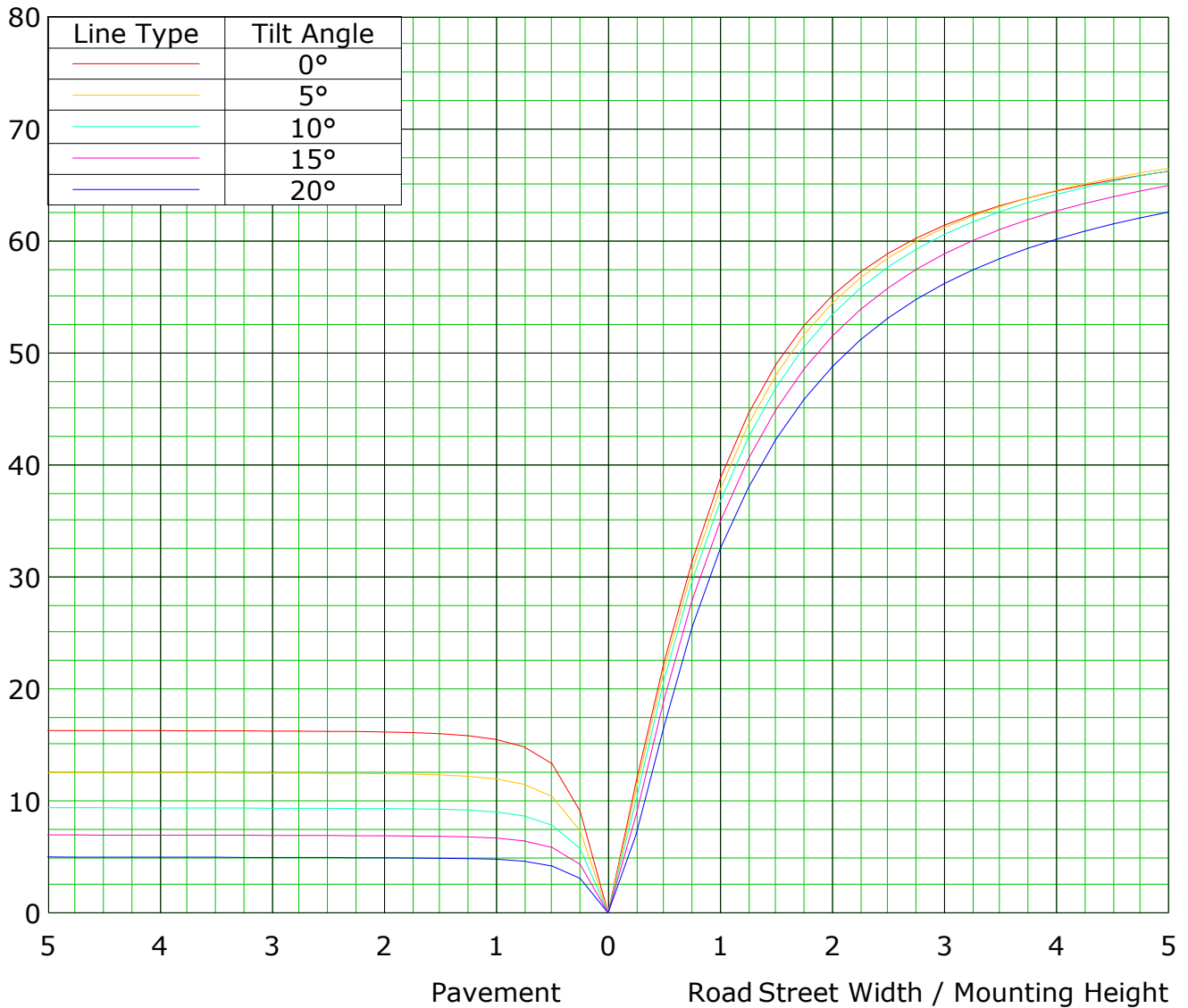
Mounting Height: 10.0m Max Lux(100%): 62.5 lx	
(1%): 0.6 lx	(2%): 1.3 lx
(3%): 1.9 lx	(4%): 2.5 lx
(5%): 3.1 lx	(6%): 3.8 lx
(7%): 4.4 lx	(8%): 5.0 lx
(9%): 5.6 lx	(10%): 6.3 lx

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Roadway CU Curve

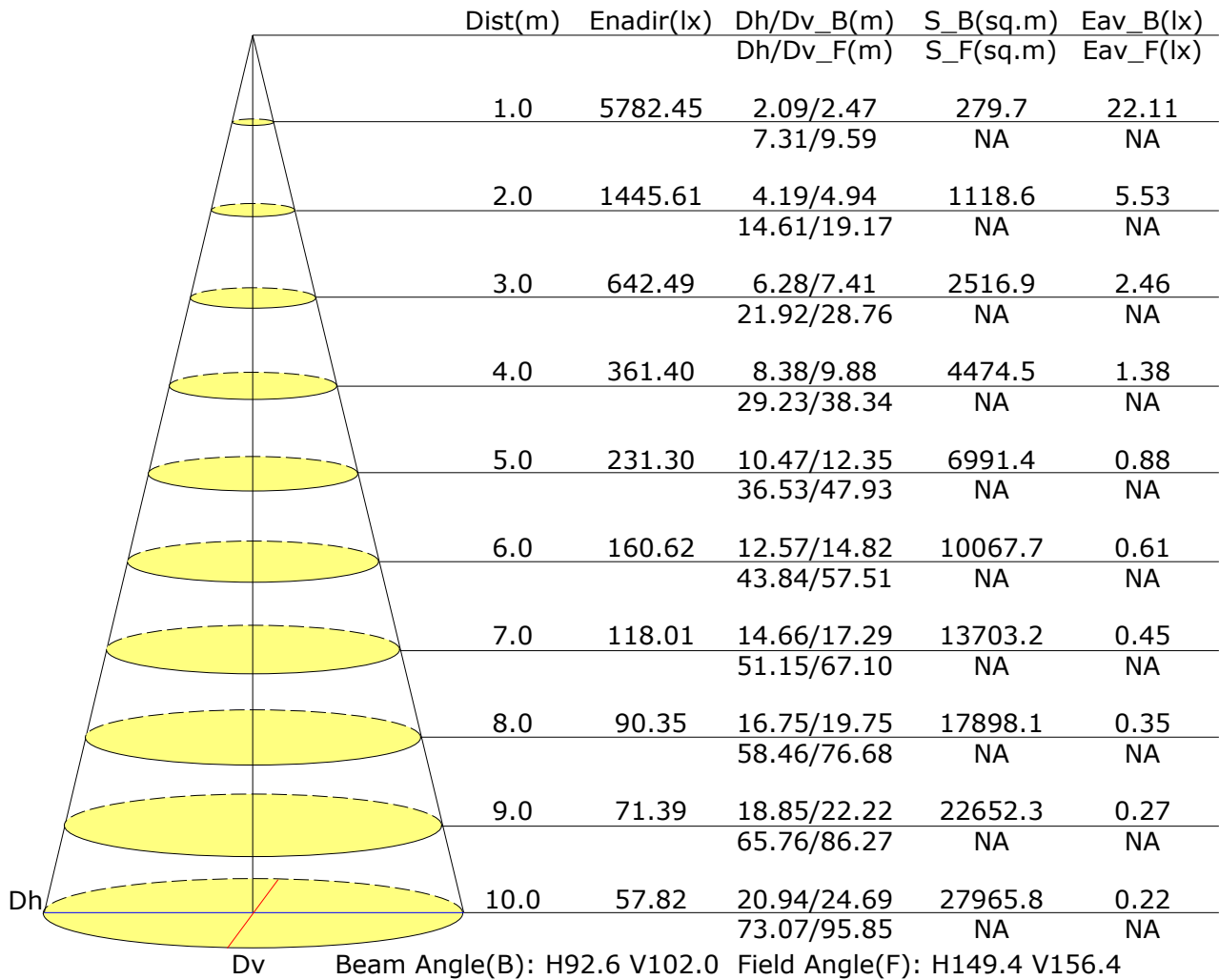
Efficiency(%)



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

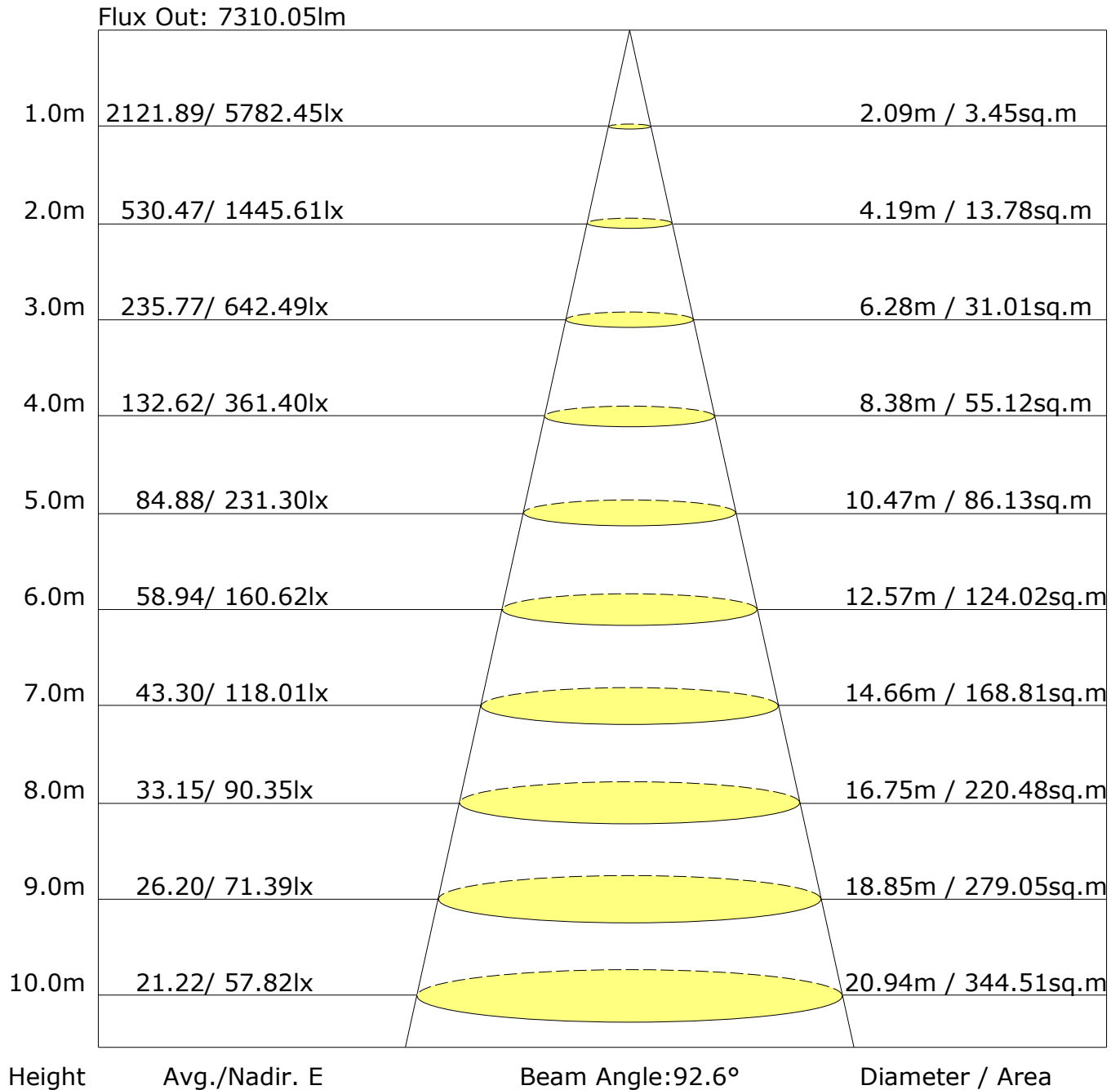
Illuminance at a Distance



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

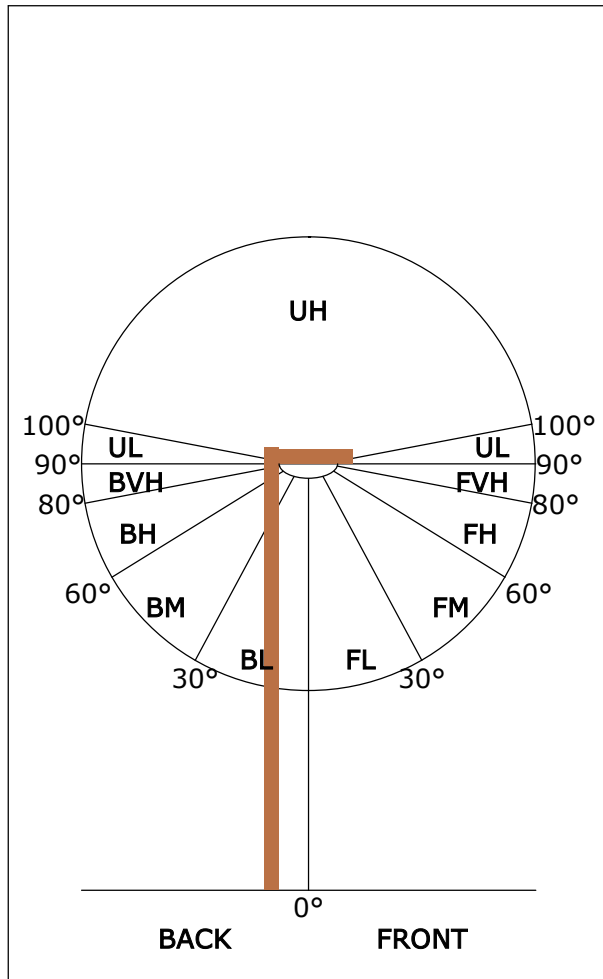
The Average Illuminance Effective Figure



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FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	12439	72.6
FL (0°-30°)	2374	13.9
FM (30°-60°)	5497	32.1
FH (60°-80°)	3405	19.9
FVH (80°-90°)	1163	6.8
BACK LIGHT	2769	16.2
BL (0°-30°)	1392	8.1
BM (30°-60°)	1125	6.6
BH (60°-80°)	222	1.3
BVH (80°-90°)	29	0.2
UP LIGHT	1930	11.3
UL (90°-100°)	803	4.7
UH (100°-180°)	1127	6.6
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U5 G5
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U5 G5

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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	5777.7	5.5	5.5	0.03	0.03
1.0-2.0	5770.4	16.6	22.1	0.10	0.13
2.0-3.0	5758.7	27.5	49.6	0.16	0.29
3.0-4.0	5741.8	38.4	88.1	0.22	0.51
4.0-5.0	5721.6	49.2	137.3	0.29	0.80
5.0-6.0	5681.9	59.7	197.0	0.35	1.15
6.0-7.0	5616.0	69.7	266.7	0.41	1.56
7.0-8.0	5545.4	79.4	346.1	0.46	2.02
8.0-9.0	5490.0	89.0	435.1	0.52	2.54
9.0-10.0	5432.7	98.3	533.4	0.57	3.11
10.0-11.0	5368.9	107.3	640.7	0.63	3.74
11.0-12.0	5299.2	115.9	756.6	0.68	4.41
12.0-13.0	5198.3	123.4	880.0	0.72	5.13
13.0-14.0	5089.3	130.3	1010.2	0.76	5.89
14.0-15.0	5010.2	137.6	1147.8	0.80	6.70
15.0-16.0	4942.9	144.9	1292.7	0.85	7.54
16.0-17.0	4846.0	150.9	1443.6	0.88	8.42
17.0-18.0	4724.1	155.8	1599.4	0.91	9.33
18.0-19.0	4608.6	160.4	1759.7	0.94	10.27
19.0-20.0	4500.2	164.7	1924.5	0.96	11.23
20.0-21.0	4405.4	169.2	2093.7	0.99	12.22
21.0-22.0	4318.8	173.6	2267.2	1.01	13.23
22.0-23.0	4224.6	177.3	2444.5	1.03	14.26
23.0-24.0	4121.9	180.2	2624.8	1.05	15.32
24.0-25.0	4021.4	182.9	2807.6	1.07	16.38
25.0-26.0	3935.9	185.8	2993.5	1.08	17.47
26.0-27.0	3855.5	188.7	3182.1	1.10	18.57
27.0-28.0	3783.1	191.6	3373.7	1.12	19.69
28.0-29.0	3724.3	194.9	3568.5	1.14	20.82
29.0-30.0	3671.0	198.2	3766.8	1.16	21.98
30.0-31.0	3615.1	201.2	3968.0	1.17	23.15
31.0-32.0	3555.8	203.7	4171.7	1.19	24.34
32.0-33.0	3495.5	206.0	4377.7	1.20	25.54
33.0-34.0	3438.3	208.1	4585.8	1.21	26.76
34.0-35.0	3387.4	210.4	4796.2	1.23	27.99
35.0-36.0	3342.2	212.8	5009.0	1.24	29.23

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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	3302.4	215.4	5224.4	1.26	30.48
37.0-38.0	3260.8	217.7	5442.1	1.27	31.75
38.0-39.0	3214.3	219.4	5661.5	1.28	33.03
39.0-40.0	3167.8	221.0	5882.5	1.29	34.32
40.0-41.0	3126.0	222.6	6105.1	1.30	35.62
41.0-42.0	3077.6	223.6	6328.8	1.30	36.93
42.0-43.0	3029.7	224.5	6553.2	1.31	38.24
43.0-44.0	2989.0	225.6	6778.8	1.32	39.55
44.0-45.0	2962.8	227.7	7006.6	1.33	40.88
45.0-46.0	2938.9	229.9	7236.4	1.34	42.22
46.0-47.0	2877.3	228.9	7465.3	1.34	43.56
47.0-48.0	2802.6	226.6	7691.9	1.32	44.88
48.0-49.0	2752.6	226.1	7918.0	1.32	46.20
49.0-50.0	2725.2	227.2	8145.2	1.33	47.53
50.0-51.0	2696.2	228.1	8373.4	1.33	48.86
51.0-52.0	2649.9	227.4	8600.8	1.33	50.18
52.0-53.0	2598.1	226.0	8826.8	1.32	51.50
53.0-54.0	2552.6	225.0	9051.8	1.31	52.82
54.0-55.0	2515.7	224.6	9276.4	1.31	54.13
55.0-56.0	2488.8	224.9	9501.4	1.31	55.44
56.0-57.0	2460.3	225.0	9726.3	1.31	56.75
57.0-58.0	2416.8	223.5	9949.9	1.30	58.06
58.0-59.0	2361.4	220.8	10170.7	1.29	59.35
59.0-60.0	2308.7	218.1	10388.8	1.27	60.62
60.0-61.0	2259.8	215.7	10604.5	1.26	61.88
61.0-62.0	2210.4	213.0	10817.5	1.24	63.12
62.0-63.0	2165.7	210.7	11028.2	1.23	64.35
63.0-64.0	2116.3	207.7	11235.9	1.21	65.56
64.0-65.0	2060.1	203.9	11439.8	1.19	66.75
65.0-66.0	2004.0	200.0	11639.7	1.17	67.92
66.0-67.0	1947.1	195.8	11835.5	1.14	69.06
67.0-68.0	1893.0	191.8	12027.3	1.12	70.18
68.0-69.0	1837.9	187.5	12214.9	1.09	71.27
69.0-70.0	1784.3	183.3	12398.1	1.07	72.34
70.0-71.0	1737.5	179.6	12577.7	1.05	73.39
71.0-72.0	1692.5	176.0	12753.8	1.03	74.42

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 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	1648.5	172.4	12926.2	1.01	75.42
73.0-74.0	1604.1	168.7	13094.8	0.98	76.41
74.0-75.0	1557.4	164.6	13259.4	0.96	77.37
75.0-76.0	1509.1	160.2	13419.6	0.93	78.30
76.0-77.0	1460.4	155.7	13575.3	0.91	79.21
77.0-78.0	1412.5	151.2	13726.6	0.88	80.09
78.0-79.0	1365.7	146.8	13873.3	0.86	80.95
79.0-80.0	1320.6	142.4	14015.7	0.83	81.78
80.0-81.0	1276.5	138.1	14153.8	0.81	82.59
81.0-82.0	1234.2	133.9	14287.6	0.78	83.37
82.0-83.0	1192.8	129.7	14417.3	0.76	84.12
83.0-84.0	1151.0	125.4	14542.7	0.73	84.86
84.0-85.0	1109.5	121.1	14663.8	0.71	85.56
85.0-86.0	1068.8	116.8	14780.7	0.68	86.24
86.0-87.0	1030.5	112.8	14893.5	0.66	86.90
87.0-88.0	994.1	108.9	15002.4	0.64	87.54
88.0-89.0	956.6	104.9	15107.2	0.61	88.15
89.0-90.0	917.9	100.7	15207.9	0.59	88.74
90.0-91.0	879.7	96.5	15304.3	0.56	89.30
91.0-92.0	842.9	92.4	15396.7	0.54	89.84
92.0-93.0	807.9	88.5	15485.3	0.52	90.36
93.0-94.0	774.3	84.7	15570.0	0.49	90.85
94.0-95.0	744.7	81.4	15651.4	0.48	91.32
95.0-96.0	716.8	78.2	15729.7	0.46	91.78
96.0-97.0	688.5	75.0	15804.7	0.44	92.22
97.0-98.0	661.4	71.9	15876.6	0.42	92.64
98.0-99.0	634.7	68.8	15945.4	0.40	93.04
99.0-100.0	609.8	66.0	16011.4	0.38	93.43
100.0-101.0	587.2	63.3	16074.7	0.37	93.79
101.0-102.0	566.2	60.8	16135.5	0.36	94.15
102.0-103.0	544.9	58.3	16193.9	0.34	94.49
103.0-104.0	523.0	55.8	16249.6	0.33	94.82
104.0-105.0	501.7	53.3	16302.9	0.31	95.13
105.0-106.0	481.5	50.9	16353.8	0.30	95.42
106.0-107.0	462.6	48.6	16402.4	0.28	95.71
107.0-108.0	445.1	46.6	16449.0	0.27	95.98

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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	428.1	44.5	16493.5	0.26	96.24
109.0-110.0	410.1	42.4	16535.9	0.25	96.49
110.0-111.0	391.3	40.2	16576.1	0.23	96.72
111.0-112.0	371.7	37.9	16614.0	0.22	96.94
112.0-113.0	353.5	35.8	16649.8	0.21	97.15
113.0-114.0	336.7	33.9	16683.7	0.20	97.35
114.0-115.0	319.7	31.9	16715.6	0.19	97.53
115.0-116.0	302.9	30.0	16745.6	0.17	97.71
116.0-117.0	286.8	28.1	16773.7	0.16	97.87
117.0-118.0	272.5	26.5	16800.2	0.15	98.03
118.0-119.0	259.4	25.0	16825.2	0.15	98.17
119.0-120.0	245.6	23.4	16848.7	0.14	98.31
120.0-121.0	232.5	22.0	16870.6	0.13	98.44
121.0-122.0	219.8	20.5	16891.2	0.12	98.56
122.0-123.0	207.1	19.2	16910.3	0.11	98.67
123.0-124.0	194.9	17.8	16928.2	0.10	98.77
124.0-125.0	183.1	16.5	16944.7	0.10	98.87
125.0-126.0	171.0	15.3	16960.0	0.09	98.96
126.0-127.0	159.1	14.0	16974.0	0.08	99.04
127.0-128.0	147.9	12.9	16986.8	0.08	99.12
128.0-129.0	137.3	11.8	16998.6	0.07	99.19
129.0-130.0	129.2	10.9	17009.6	0.06	99.25
130.0-131.0	121.4	10.1	17019.7	0.06	99.31
131.0-132.0	113.3	9.3	17029.0	0.05	99.36
132.0-133.0	106.0	8.6	17037.6	0.05	99.41
133.0-134.0	99.2	7.9	17045.5	0.05	99.46
134.0-135.0	93.7	7.3	17052.8	0.04	99.50
135.0-136.0	89.0	6.8	17059.6	0.04	99.54
136.0-137.0	84.5	6.4	17066.0	0.04	99.58
137.0-138.0	80.1	5.9	17071.9	0.03	99.61
138.0-139.0	75.9	5.5	17077.4	0.03	99.65
139.0-140.0	71.8	5.1	17082.6	0.03	99.68
140.0-141.0	67.9	4.7	17087.3	0.03	99.70
141.0-142.0	64.4	4.4	17091.7	0.03	99.73
142.0-143.0	60.9	4.1	17095.7	0.02	99.75
143.0-144.0	58.0	3.8	17099.5	0.02	99.77

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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	54.5	3.5	17103.0	0.02	99.79
145.0-146.0	50.5	3.1	17106.1	0.02	99.81
146.0-147.0	47.4	2.9	17109.0	0.02	99.83
147.0-148.0	44.8	2.6	17111.6	0.02	99.85
148.0-149.0	42.4	2.4	17114.1	0.01	99.86
149.0-150.0	39.6	2.2	17116.3	0.01	99.87
150.0-151.0	35.8	1.9	17118.2	0.01	99.88
151.0-152.0	33.1	1.7	17119.9	0.01	99.89
152.0-153.0	32.9	1.7	17121.6	0.01	99.90
153.0-154.0	32.1	1.6	17123.2	0.01	99.91
154.0-155.0	30.2	1.4	17124.6	0.01	99.92
155.0-156.0	29.3	1.3	17125.9	0.01	99.93
156.0-157.0	28.1	1.2	17127.2	0.01	99.94
157.0-158.0	27.4	1.1	17128.3	0.01	99.94
158.0-159.0	26.0	1.0	17129.4	0.01	99.95
159.0-160.0	24.2	0.9	17130.3	0.01	99.95
160.0-161.0	24.1	0.9	17131.2	0.01	99.96
161.0-162.0	23.6	0.8	17132.0	0.00	99.96
162.0-163.0	22.4	0.7	17132.7	0.00	99.97
163.0-164.0	22.2	0.7	17133.4	0.00	99.97
164.0-165.0	21.9	0.6	17134.1	0.00	99.98
165.0-166.0	20.7	0.6	17134.6	0.00	99.98
166.0-167.0	19.8	0.5	17135.1	0.00	99.98
167.0-168.0	20.1	0.5	17135.6	0.00	99.98
168.0-169.0	20.1	0.4	17136.1	0.00	99.99
169.0-170.0	19.6	0.4	17136.4	0.00	99.99
170.0-171.0	19.4	0.4	17136.8	0.00	99.99
171.0-172.0	18.6	0.3	17137.1	0.00	99.99
172.0-173.0	18.2	0.3	17137.4	0.00	100.00
173.0-174.0	18.6	0.2	17137.6	0.00	100.00
174.0-175.0	18.0	0.2	17137.8	0.00	100.00
175.0-176.0	17.3	0.1	17137.9	0.00	100.00
176.0-177.0	17.1	0.1	17138.0	0.00	100.00
177.0-178.0	17.7	0.1	17138.1	0.00	100.00
178.0-179.0	18.9	0.1	17138.2	0.00	100.00
179.0-180.0	19.1	0.0	17138.2	0.00	100.00

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

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

Zonal Lumen (Continue 5)

cone flux(90°): 7006.57 lm

%lum = 40.9%

%lamp = 40.9%

cone flux(120°): 10388.81 lm

%lum = 60.6%

%lamp = 60.6%

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	5782.5	5782.5	5782.5	5782.5	5782.5	5782.5	5782.5	5782.5	5782.5	5782.5
G1.0	5779.8	5834.3	5886.9	5915.8	5925.3	5920.3	5880.0	5835.8	5784.4	5715.2
G2.0	5793.4	5894.2	6012.4	6104.5	6141.4	6108.4	6002.8	5890.7	5798.3	5649.8
G3.0	5791.6	5938.8	6155.4	6162.0	6167.8	6146.8	6159.3	5972.7	5791.1	5575.1
G4.0	5789.3	6022.3	6159.3	6208.5	6223.3	6197.6	6146.1	6069.6	5808.1	5495.0
G5.0	5781.0	6085.8	6186.5	6318.6	6324.0	6281.9	6187.2	6150.3	5799.0	5393.6
G6.0	5779.5	6131.6	6246.7	6306.0	6167.6	6232.9	6259.7	6167.3	5791.6	5319.5
G7.0	5752.2	6112.9	6308.2	6149.5	6098.2	6098.1	6280.3	6144.0	5777.9	5269.5
G8.0	5758.0	6101.7	6272.2	6107.4	6124.2	6077.5	6188.7	6125.2	5777.7	5248.3
G9.0	5736.7	6103.5	6164.7	6107.9	6078.4	6105.5	6118.5	6137.7	5755.7	5216.4
G10.0	5704.7	6101.4	6102.3	6076.6	6099.4	6084.3	6090.6	6126.4	5725.8	5129.7
G11.0	5664.6	6116.2	6090.3	6096.7	6117.9	6095.3	6135.1	6149.7	5690.5	5046.6
G12.0	5622.2	6130.4	6069.5	6105.6	5877.9	6060.4	6131.9	6146.3	5652.3	4934.1
G13.0	5584.4	6123.8	6000.9	5917.1	5701.3	5825.9	6041.7	6092.6	5606.9	4844.2
G14.0	5534.4	6093.1	5991.6	5751.8	5859.5	5698.6	6004.9	6000.7	5561.9	4746.2
G15.0	5485.7	6020.0	5991.7	5820.7	5957.1	5866.8	5999.7	5897.5	5508.6	4676.0
G16.0	5442.4	5903.8	5958.2	5931.9	6053.7	6016.1	5877.5	5840.7	5457.2	4589.5
G17.0	5384.2	5813.9	5799.5	6011.9	5833.8	6037.5	5696.1	5769.9	5396.2	4490.6
G18.0	5321.8	5754.7	5628.0	5928.6	5835.9	5860.2	5635.3	5744.5	5335.6	4374.4
G19.0	5256.1	5702.9	5603.3	5849.3	5662.2	5799.5	5707.6	5719.0	5265.5	4268.5
G20.0	5190.2	5634.4	5649.7	5715.1	5650.2	5653.8	5792.0	5686.4	5204.4	4142.9
G21.0	5117.2	5580.1	5695.9	5646.9	5843.5	5612.9	5817.8	5619.6	5136.7	4032.0
G22.0	5048.6	5492.9	5677.8	5728.8	5800.9	5761.3	5724.0	5526.2	5075.3	3921.8
G23.0	4982.8	5397.5	5609.9	5802.6	5704.6	5843.3	5640.7	5420.7	5003.2	3818.5
G24.0	4911.9	5305.0	5538.0	5734.0	5730.9	5694.0	5527.1	5341.4	4927.7	3708.8
G25.0	4838.7	5227.6	5468.7	5644.6	5734.0	5635.8	5436.6	5278.3	4863.0	3599.7
G26.0	4768.5	5175.9	5383.7	5720.8	5663.8	5682.7	5354.4	5203.2	4791.4	3476.7
G27.0	4690.8	5145.1	5279.6	5699.4	5592.7	5645.7	5344.7	5156.8	4707.1	3358.2
G28.0	4611.1	5121.4	5263.7	5641.9	5661.7	5610.2	5423.3	5078.7	4641.2	3231.4
G29.0	4531.9	5086.2	5290.2	5585.5	5872.9	5579.1	5463.3	4993.6	4555.0	3102.2
G30.0	4447.5	5025.0	5260.6	5622.8	6035.0	5703.0	5327.9	4896.9	4479.3	2985.5
G31.0	4364.8	4936.4	5202.2	5698.5	6012.4	5779.0	5259.7	4798.3	4398.9	2864.2
G32.0	4283.7	4844.2	5153.7	5866.6	5732.6	5902.3	5252.9	4737.8	4328.2	2748.1
G33.0	4190.1	4727.1	5189.9	5859.4	5700.1	5829.3	5212.5	4695.7	4248.7	2632.1
G34.0	4105.3	4636.6	5151.5	5748.2	6008.3	5690.2	5153.2	4677.7	4173.4	2515.9
G35.0	4008.2	4548.0	5047.6	5643.5	6340.1	5688.4	5083.4	4606.6	4081.1	2403.4
G36.0	3917.5	4475.4	4952.8	5798.0	6297.0	5883.5	5050.9	4525.6	3989.2	2267.7

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

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

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	3811.8	4402.7	4955.6	5951.5	6202.8	6050.2	5071.3	4428.3	3905.5	2135.0
G38.0	3712.9	4322.2	4993.3	6071.9	6072.7	6113.9	5094.6	4361.9	3812.1	2010.7
G39.0	3610.0	4257.1	5025.0	5899.2	6268.3	5954.7	5164.0	4310.1	3710.1	1898.5
G40.0	3506.6	4206.2	4993.8	5914.5	6384.5	5919.4	5081.1	4285.2	3607.9	1788.2
G41.0	3402.9	4187.3	4893.1	5998.7	6502.2	5975.0	4969.1	4237.5	3510.4	1689.3
G42.0	3296.7	4154.0	4853.5	6008.4	6287.9	6087.9	4913.2	4135.2	3414.9	1582.6
G43.0	3177.6	4073.9	4825.2	6054.0	6448.0	6146.0	4879.1	4027.6	3309.0	1477.7
G44.0	3085.6	3973.8	4816.9	5926.4	6708.4	6035.1	4931.8	3919.3	3193.8	1370.3
G45.0	2983.9	3867.8	4857.3	6144.3	6695.2	6250.3	5072.0	3837.7	3091.6	1275.4
G46.0	2881.0	3764.5	4843.8	6340.9	6619.4	6343.8	4946.6	3762.2	2987.3	1195.1
G47.0	2780.6	3651.8	4776.3	6176.7	6404.2	6168.7	4880.7	3681.2	2891.0	1118.8
G48.0	2687.5	3543.9	4726.1	6013.3	6410.1	6078.4	4786.8	3604.4	2791.7	1045.8
G49.0	2603.3	3469.3	4614.3	5987.4	6627.9	6052.2	4698.4	3572.7	2687.7	973.6
G50.0	2518.3	3423.5	4597.6	6068.1	6617.3	6122.4	4764.1	3522.3	2596.4	903.0
G51.0	2436.9	3376.8	4677.5	6103.4	6315.0	6130.4	4829.9	3416.6	2515.1	854.0
G52.0	2346.3	3298.6	4612.1	6027.2	6290.2	6044.8	4739.2	3292.6	2429.5	811.6
G53.0	2263.6	3186.6	4516.6	5974.7	6377.8	5999.6	4628.8	3168.1	2347.7	763.3
G54.0	2183.2	3079.4	4389.9	5955.6	6483.5	6005.5	4516.5	3059.4	2261.3	725.1
G55.0	2101.9	2999.0	4315.9	5987.4	6531.6	6020.1	4459.7	2988.8	2185.1	685.6
G56.0	2025.1	2954.2	4293.9	6012.6	6494.1	6032.8	4433.9	3005.8	2119.0	651.1
G57.0	1938.3	2939.5	4251.8	5995.8	6366.3	6025.6	4396.4	2984.3	2039.1	617.2
G58.0	1862.3	2851.4	4212.5	5940.3	6233.0	5975.4	4348.1	2830.6	1970.7	583.6
G59.0	1789.2	2705.1	4170.6	5866.6	6120.8	5902.5	4301.9	2692.4	1890.3	547.5
G60.0	1712.6	2618.1	4120.2	5789.5	6037.5	5827.3	4257.2	2627.1	1811.3	517.9
G61.0	1630.5	2546.1	4069.9	5709.3	5907.0	5735.6	4209.5	2579.9	1728.1	487.1
G62.0	1535.5	2480.9	4022.4	5619.5	5801.3	5640.9	4169.2	2578.9	1618.5	462.9
G63.0	1445.3	2469.7	3980.1	5507.6	5757.3	5526.9	4134.1	2550.6	1534.4	432.7
G64.0	1363.1	2393.5	3934.6	5390.3	5711.7	5404.3	4081.8	2404.4	1450.2	406.5
G65.0	1278.7	2279.7	3875.3	5302.7	5600.8	5314.1	4033.7	2302.0	1362.2	383.1
G66.0	1184.0	2199.8	3808.3	5206.7	5454.5	5215.0	3969.3	2241.1	1274.5	356.8
G67.0	1094.5	2124.8	3726.2	5105.8	5351.0	5114.7	3873.4	2199.9	1174.4	334.0
G68.0	1008.7	2086.9	3638.0	5007.4	5289.2	5027.8	3776.9	2117.2	1082.2	309.0
G69.0	931.3	1986.1	3545.6	4930.4	5206.8	4947.1	3680.3	1966.8	994.6	286.4
G70.0	853.2	1869.3	3459.5	4859.6	5151.9	4882.3	3597.0	1887.1	914.5	263.0
G71.0	773.8	1799.5	3380.3	4776.7	5102.4	4806.5	3518.3	1817.1	833.8	249.1
G72.0	711.2	1733.1	3302.0	4702.8	5021.2	4726.1	3438.1	1755.8	765.6	223.9
G73.0	651.4	1663.4	3232.3	4624.4	4940.5	4645.6	3362.7	1691.8	702.2	205.5

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

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

Candlepower Table (Continue 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	599.5	1594.8	3150.1	4539.6	4844.6	4550.1	3286.5	1625.5	641.0	188.2
G75.0	543.4	1529.9	3073.7	4440.1	4697.3	4465.0	3205.9	1564.1	583.8	171.6
G76.0	494.8	1467.3	2993.6	4330.4	4552.0	4364.2	3127.3	1499.2	525.4	159.7
G77.0	447.0	1396.5	2908.9	4235.2	4410.8	4246.8	3046.3	1438.5	472.3	145.1
G78.0	406.5	1333.0	2830.4	4122.0	4304.5	4128.7	2950.0	1378.5	424.6	135.0
G79.0	361.1	1260.7	2742.2	3999.0	4230.6	4008.6	2855.7	1313.8	382.8	121.7
G80.0	323.8	1194.3	2660.5	3889.0	4156.6	3889.3	2776.6	1257.2	342.3	111.3
G81.0	291.7	1139.9	2567.3	3771.0	4067.6	3776.1	2684.8	1195.4	300.3	100.8
G82.0	266.3	1079.5	2487.6	3665.2	3967.8	3672.5	2608.1	1139.1	273.4	96.6
G83.0	235.4	1025.9	2404.1	3556.7	3849.7	3567.5	2521.8	1085.4	242.9	85.4
G84.0	209.0	976.6	2321.1	3450.4	3737.7	3467.9	2432.7	1030.4	210.7	84.9
G85.0	183.6	926.7	2222.9	3357.8	3634.9	3360.1	2327.9	984.9	186.6	72.9
G86.0	163.2	877.9	2133.5	3255.2	3550.9	3266.6	2238.9	928.8	160.3	67.7
G87.0	147.4	824.8	2045.0	3168.4	3453.4	3177.6	2146.2	885.6	146.2	61.9
G88.0	129.6	781.7	1964.3	3061.7	3353.9	3089.3	2057.5	840.8	126.7	67.6
G89.0	116.8	740.6	1879.9	2961.5	3232.3	2976.7	1970.9	794.4	121.0	63.5
G90.0	108.2	698.9	1809.2	2848.9	3100.7	2859.4	1900.8	753.6	108.0	58.2
G91.0	99.0	666.7	1740.0	2723.1	2957.3	2744.7	1830.1	717.9	98.9	63.9
G92.0	92.9	636.3	1673.7	2608.1	2841.5	2627.3	1760.2	684.6	91.6	55.7
G93.0	93.8	603.5	1598.4	2498.9	2737.0	2510.0	1678.1	650.7	87.1	61.2
G94.0	88.8	574.9	1536.1	2393.1	2624.7	2414.3	1619.9	623.3	89.7	37.5
G95.0	93.4	548.4	1481.9	2300.0	2530.6	2327.4	1557.1	593.2	83.7	56.8
G96.0	88.7	515.8	1420.1	2216.2	2434.2	2242.4	1493.5	563.1	85.5	51.1
G97.0	87.1	500.2	1365.7	2135.8	2336.1	2149.6	1428.4	537.5	88.5	52.2
G98.0	86.7	471.0	1303.5	2051.8	2244.3	2069.6	1370.5	511.7	85.5	47.2
G99.0	84.8	445.6	1252.2	1966.8	2155.3	1992.7	1319.3	482.7	83.6	48.5
G100.0	85.3	427.4	1196.5	1895.4	2083.9	1912.2	1260.5	462.8	85.8	48.3
G101.0	82.7	405.8	1148.1	1821.5	2021.8	1842.9	1208.2	444.1	82.9	41.6
G102.0	80.9	393.9	1105.5	1758.3	1950.9	1770.4	1163.0	425.7	87.6	43.3
G103.0	84.1	376.6	1054.7	1686.5	1872.4	1709.0	1112.7	401.9	87.6	34.3
G104.0	87.4	351.7	1009.8	1625.6	1797.8	1642.1	1065.6	386.6	85.0	35.4
G105.0	83.9	337.9	968.6	1561.3	1729.9	1573.2	1022.3	363.0	83.7	36.4
G106.0	83.6	320.3	929.1	1498.6	1657.9	1516.8	976.5	340.2	85.5	27.4
G107.0	80.7	299.6	884.0	1445.1	1602.7	1463.5	931.1	325.9	83.4	27.1
G108.0	78.1	291.0	845.3	1392.1	1550.3	1414.0	895.0	306.0	79.0	33.3
G109.0	79.5	273.5	806.2	1343.1	1492.6	1353.9	844.2	295.3	79.9	35.7
G110.0	74.8	263.7	764.6	1287.8	1426.2	1304.9	811.4	281.3	81.8	32.9

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

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

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	77.0	247.8	735.1	1240.7	1329.7	1255.0	770.4	265.2	67.7	25.1
G112.0	70.0	234.2	693.3	1186.1	1241.3	1197.7	729.9	248.5	66.8	29.7
G113.0	75.5	224.5	653.9	1137.5	1154.8	1149.6	693.1	232.4	77.6	30.3
G114.0	73.4	211.4	622.7	1088.1	1082.0	1100.6	657.8	222.9	76.3	30.4
G115.0	68.4	202.0	586.9	1039.2	1012.3	1050.6	619.0	207.5	69.0	29.5
G116.0	66.3	187.3	553.4	992.9	950.9	1001.2	581.3	202.1	62.4	25.5
G117.0	66.7	176.9	520.9	942.5	896.5	947.2	549.6	185.1	54.9	25.5
G118.0	63.3	168.7	490.8	895.8	849.0	906.1	515.9	179.3	69.3	26.9
G119.0	67.6	165.0	458.4	847.3	807.7	858.9	485.2	170.2	60.0	27.4
G120.0	63.0	155.7	428.8	804.6	766.1	809.4	456.9	160.5	66.3	27.6
G121.0	54.2	153.4	405.3	752.2	728.9	766.5	432.6	157.3	62.1	22.8
G122.0	60.0	144.5	384.7	707.3	693.7	715.7	405.3	146.6	58.0	10.3
G123.0	50.3	135.9	360.5	658.5	650.3	671.4	379.7	136.2	60.2	24.4
G124.0	56.3	125.6	337.4	604.8	611.9	622.4	358.1	132.4	57.9	25.3
G125.0	53.8	121.3	319.9	556.7	573.7	573.9	335.7	129.5	57.2	26.7
G126.0	51.9	117.1	293.5	509.1	532.7	526.0	315.2	117.7	52.6	25.1
G127.0	46.4	111.8	278.5	472.0	495.0	482.0	293.7	114.3	47.0	20.9
G128.0	41.7	104.0	260.5	426.5	460.2	443.1	275.9	105.3	42.4	25.1
G129.0	44.5	101.0	247.5	392.3	426.6	404.5	258.4	105.5	37.1	22.3
G130.0	41.3	94.8	234.0	366.7	398.5	377.2	247.2	95.7	42.4	24.6
G131.0	43.6	88.6	223.5	331.6	363.8	346.0	233.5	90.8	39.6	22.1
G132.0	40.8	84.4	211.6	303.5	337.8	316.9	218.5	86.0	42.0	18.8
G133.0	35.9	80.8	194.1	281.5	310.9	291.4	204.8	84.4	42.6	22.1
G134.0	34.7	70.6	183.3	260.4	293.1	270.6	189.5	79.4	42.6	13.3
G135.0	34.3	75.4	178.1	242.4	268.7	253.4	182.3	71.7	39.1	22.3
G136.0	39.9	64.9	167.4	226.9	249.3	233.1	174.4	72.2	40.1	24.9
G137.0	37.1	71.1	154.1	213.7	231.7	221.5	160.5	72.4	36.6	23.0
G138.0	36.1	66.3	149.8	198.6	218.1	211.9	149.8	66.6	31.7	20.7
G139.0	29.0	61.9	140.7	189.9	207.3	196.0	142.8	68.4	36.9	21.1
G140.0	28.7	63.0	128.7	172.8	194.0	182.0	134.7	62.0	34.8	18.8
G141.0	29.4	56.6	121.3	163.3	185.1	170.5	123.7	60.7	32.2	21.4
G142.0	28.1	54.8	113.3	152.5	171.8	156.7	118.5	51.8	34.5	18.6
G143.0	18.3	54.3	107.3	141.1	165.5	149.9	109.3	52.9	32.4	18.0
G144.0	27.8	50.2	95.2	134.4	154.7	142.3	98.6	54.3	29.0	17.9
G145.0	20.9	48.3	89.6	122.0	140.9	128.0	93.9	46.6	26.6	18.2
G146.0	24.5	45.8	86.2	113.2	135.7	120.1	82.8	40.5	25.3	13.4
G147.0	23.6	41.4	79.4	104.2	125.3	107.1	75.5	42.6	26.9	17.5

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

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

Candlepower Table (Continue 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	17.1	39.6	68.1	95.5	114.9	99.6	75.9	43.2	23.9	16.3
G149.0	25.0	35.2	65.2	85.6	102.3	91.9	70.9	38.5	23.9	18.6
G150.0	18.7	38.2	61.6	76.1	93.5	73.8	67.8	37.6	20.1	20.0
G151.0	19.7	22.3	50.7	71.2	76.5	78.8	55.9	32.1	23.6	13.3
G152.0	19.3	34.0	48.2	69.2	76.1	62.3	58.8	19.0	17.4	18.9
G153.0	14.1	34.0	50.7	63.2	74.3	64.2	54.3	38.5	17.8	15.9
G154.0	14.8	27.1	45.2	58.2	71.1	61.4	49.0	29.7	20.4	14.5
G155.0	17.8	28.3	41.0	53.2	65.2	52.6	38.2	26.2	12.5	16.6
G156.0	11.3	26.9	42.1	54.1	59.6	53.8	44.0	29.2	16.0	19.5
G157.0	17.6	21.6	30.3	45.2	53.1	53.1	45.4	25.1	22.0	15.7
G158.0	18.5	23.0	36.9	40.5	52.4	48.1	43.5	25.4	19.0	21.9
G159.0	14.6	17.9	31.5	40.4	42.4	46.3	33.5	26.0	16.7	18.0
G160.0	14.8	23.2	34.0	34.4	37.2	37.5	30.7	24.0	19.3	14.3
G161.0	18.5	21.1	15.2	38.9	41.5	42.2	35.9	23.6	16.7	20.9
G162.0	16.2	19.8	23.8	30.1	40.6	31.6	30.1	21.9	18.1	21.2
G163.0	15.7	13.8	24.7	29.4	30.7	33.4	27.8	19.2	20.1	24.4
G164.0	15.5	18.4	24.2	31.9	35.5	28.2	28.7	10.9	20.6	24.1
G165.0	15.3	19.5	19.5	24.0	31.0	30.5	24.7	18.5	17.6	18.6
G166.0	14.1	20.9	20.8	19.1	17.6	28.4	20.0	20.1	21.6	18.8
G167.0	16.4	15.7	16.7	19.8	22.4	24.9	16.0	20.1	17.9	22.3
G168.0	16.5	16.6	20.1	22.3	28.9	22.3	23.1	22.9	19.7	23.0
G169.0	20.6	16.6	16.7	16.0	20.8	23.1	18.2	21.7	19.5	21.6
G170.0	19.0	20.3	13.8	14.8	25.1	22.6	18.9	18.5	22.9	21.6
G171.0	16.7	21.2	12.5	13.7	16.9	22.4	18.8	20.4	21.3	16.3
G172.0	15.1	19.5	12.9	15.7	17.6	13.1	19.1	22.4	21.1	14.9
G173.0	16.4	22.1	14.0	16.9	11.5	18.3	11.9	19.0	24.8	24.1
G174.0	18.3	18.8	17.6	14.1	15.4	17.9	17.7	21.3	24.1	16.8
G175.0	16.7	20.5	14.0	10.5	18.3	17.2	19.3	16.8	19.0	19.8
G176.0	17.8	14.7	11.6	13.9	19.7	18.1	18.4	13.4	24.1	21.1
G177.0	17.2	19.6	13.6	15.7	7.7	19.0	17.5	20.4	19.0	20.0
G178.0	20.2	21.4	14.9	16.0	21.0	15.1	18.0	17.9	23.9	19.3
G179.0	22.0	21.8	18.5	13.7	17.2	23.3	19.3	17.9	23.6	20.5
G180.0	19.7	23.0	14.2	17.7	16.2	19.7	22.9	17.9	23.2	20.0

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

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

Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	5782.5	5782.5	5782.5	5782.5	5782.5	5782.5	5782.5			
G1.0	5662.9	5619.5	5612.5	5620.6	5655.9	5717.8	5779.8			
G2.0	5519.6	5401.3	5378.6	5412.4	5526.6	5651.7	5793.4			
G3.0	5357.6	5271.7	5296.6	5269.2	5353.3	5582.3	5791.6			
G4.0	5285.0	5215.2	5175.4	5215.7	5242.8	5493.5	5789.3			
G5.0	5243.6	5012.1	4978.2	5013.3	5211.8	5378.3	5781.0			
G6.0	5114.1	4886.8	4841.6	4871.1	5072.0	5286.2	5779.5			
G7.0	4959.8	4753.7	4634.6	4747.7	4935.4	5215.6	5752.2			
G8.0	4867.3	4525.3	4475.6	4545.4	4822.1	5198.2	5758.0			
G9.0	4780.2	4442.8	4394.5	4436.7	4723.1	5163.3	5736.7			
G10.0	4615.9	4328.9	4236.1	4316.1	4568.3	5072.8	5704.7			
G11.0	4465.9	4168.9	4045.5	4152.2	4419.5	4970.3	5664.6			
G12.0	4384.6	4015.0	3825.3	4000.9	4323.4	4869.4	5622.2			
G13.0	4261.8	3814.8	3587.3	3800.8	4208.0	4785.1	5584.4			
G14.0	4130.4	3593.8	3352.3	3577.9	4053.1	4711.1	5534.4			
G15.0	3994.3	3373.1	3143.8	3360.3	3937.4	4633.0	5485.7			
G16.0	3847.1	3171.3	2945.1	3159.4	3786.3	4528.5	5442.4			
G17.0	3680.5	2960.4	2699.0	2947.0	3614.1	4428.5	5384.2			
G18.0	3495.9	2755.5	2464.2	2738.8	3430.7	4303.1	5321.8			
G19.0	3298.4	2549.6	2220.5	2531.9	3253.1	4179.8	5256.1			
G20.0	3120.9	2308.1	1986.8	2286.2	3062.3	4057.1	5190.2			
G21.0	2946.9	2099.6	1760.4	2082.7	2889.1	3951.8	5117.2			
G22.0	2778.1	1858.1	1562.3	1839.3	2721.7	3852.9	5048.6			
G23.0	2603.9	1661.7	1395.9	1643.3	2550.1	3739.8	4982.8			
G24.0	2411.6	1492.7	1276.5	1482.2	2377.2	3622.5	4911.9			
G25.0	2252.8	1363.4	1184.1	1352.4	2213.6	3511.0	4838.7			
G26.0	2093.7	1251.0	1110.7	1242.1	2040.9	3384.0	4768.5			
G27.0	1922.2	1164.1	1032.1	1159.5	1873.2	3262.4	4690.8			
G28.0	1752.5	1087.9	956.0	1089.5	1712.7	3142.3	4611.1			
G29.0	1584.8	1020.5	892.1	1015.4	1559.7	3020.8	4531.9			
G30.0	1456.3	950.6	839.7	946.3	1441.6	2901.4	4447.5			
G31.0	1358.3	888.6	798.0	883.3	1339.0	2781.7	4364.8			
G32.0	1266.2	832.4	754.8	827.0	1239.1	2654.1	4283.7			
G33.0	1175.2	788.4	706.3	789.3	1154.1	2533.9	4190.1			
G34.0	1082.5	749.8	667.0	740.8	1076.8	2417.1	4105.3			
G35.0	1012.6	703.3	627.0	692.0	1015.1	2301.0	4008.2			
G36.0	958.0	660.3	588.6	652.5	957.6	2173.6	3917.5			

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

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

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	901.9	616.3	547.8	608.7	897.2	2043.3	3811.8			
G38.0	841.9	573.6	501.9	567.8	841.3	1924.4	3712.9			
G39.0	799.9	535.2	467.2	530.8	796.6	1814.9	3610.0			
G40.0	756.7	502.6	427.2	488.5	751.9	1712.1	3506.6			
G41.0	717.5	458.1	392.5	452.2	709.0	1609.9	3402.9			
G42.0	673.1	426.7	364.4	421.6	660.3	1497.8	3296.7			
G43.0	626.6	392.7	327.9	384.0	619.7	1402.5	3177.6			
G44.0	596.7	362.8	299.7	356.8	586.9	1312.4	3085.6			
G45.0	553.4	333.2	276.9	329.1	540.7	1224.6	2983.9			
G46.0	519.3	304.4	253.6	298.3	506.8	1144.7	2881.0			
G47.0	489.9	284.7	231.2	281.8	474.2	1069.1	2780.6			
G48.0	448.7	262.9	215.0	259.5	446.4	1001.0	2687.5			
G49.0	417.5	246.5	206.4	243.2	418.3	944.0	2603.3			
G50.0	391.0	226.7	192.2	222.9	389.1	889.0	2518.3			
G51.0	370.6	208.1	191.9	206.6	365.7	837.6	2436.9			
G52.0	346.9	201.1	184.0	197.2	337.4	802.8	2346.3			
G53.0	318.1	188.7	185.6	183.4	312.1	762.9	2263.6			
G54.0	300.0	176.4	177.3	171.4	295.5	724.2	2183.2			
G55.0	273.6	162.7	166.0	164.7	272.1	683.9	2101.9			
G56.0	254.6	152.8	158.3	152.7	255.1	646.8	2025.1			
G57.0	236.2	147.0	150.8	151.8	233.0	615.1	1938.3			
G58.0	223.1	139.7	135.5	141.6	216.9	584.6	1862.3			
G59.0	202.0	126.5	122.1	129.2	199.1	550.9	1789.2			
G60.0	191.6	119.7	107.2	119.5	181.0	524.9	1712.6			
G61.0	176.0	105.6	93.7	110.9	168.2	493.1	1630.5			
G62.0	155.9	100.2	82.4	98.3	153.8	462.8	1535.5			
G63.0	148.4	87.0	77.9	86.9	143.3	436.1	1445.3			
G64.0	130.3	71.4	55.1	69.4	127.1	408.5	1363.1			
G65.0	121.3	61.1	38.0	66.0	116.3	385.2	1278.7			
G66.0	106.1	51.2	30.0	44.3	103.9	361.0	1184.0			
G67.0	93.0	25.2	11.1	34.6	99.3	339.3	1094.5			
G68.0	89.2	20.2	11.7	16.5	82.8	312.5	1008.7			
G69.0	79.2	0.0	8.1	8.4	75.5	289.0	931.3			
G70.0	65.8	9.2	9.7	7.2	65.1	268.9	853.2			
G71.0	57.5	0.0	7.5	11.8	51.6	251.2	773.8			
G72.0	45.3	0.0	9.9	11.5	44.7	230.0	711.2			
G73.0	38.3	8.8	8.1	8.1	41.1	205.0	651.4			

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

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

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	38.0	0.0	11.1	9.0	35.3	187.2	599.5			
G75.0	34.6	0.0	9.2	10.2	31.9	175.9	543.4			
G76.0	31.2	0.0	8.6	12.0	28.1	162.3	494.8			
G77.0	24.5	0.0	8.6	12.9	29.9	153.4	447.0			
G78.0	27.4	0.0	11.1	9.0	26.5	134.7	406.5			
G79.0	31.2	0.0	12.0	10.4	29.4	120.9	361.1			
G80.0	25.4	0.0	12.6	11.0	17.3	110.9	323.8			
G81.0	28.1	0.0	13.5	0.0	22.7	109.3	291.7			
G82.0	25.1	0.0	12.7	11.1	22.0	99.3	266.3			
G83.0	21.9	9.0	11.1	9.9	24.3	92.6	235.4			
G84.0	23.1	7.6	14.2	12.0	23.8	85.1	209.0			
G85.0	23.8	8.8	12.7	8.6	20.4	82.6	183.6			
G86.0	26.0	0.0	13.1	11.5	14.6	78.6	163.2			
G87.0	19.7	0.0	11.8	12.0	18.6	69.7	147.4			
G88.0	22.0	7.2	14.5	10.4	22.2	73.3	129.6			
G89.0	13.1	8.5	11.5	9.7	19.1	70.1	116.8			
G90.0	20.1	7.4	14.9	11.1	17.5	65.6	108.2			
G91.0	15.6	0.0	13.1	13.3	20.6	64.3	99.0			
G92.0	19.5	0.0	14.9	14.0	21.3	62.2	92.9			
G93.0	18.3	9.4	13.3	11.7	19.7	57.5	93.8			
G94.0	17.7	8.3	14.4	11.7	18.2	55.4	88.8			
G95.0	18.8	7.6	14.4	11.3	21.1	57.7	93.4			
G96.0	15.9	9.6	12.4	13.8	20.2	51.8	88.7			
G97.0	15.1	0.0	15.3	11.5	20.6	55.9	87.1			
G98.0	16.7	8.1	12.9	14.7	21.5	50.5	86.7			
G99.0	14.3	10.1	13.6	9.7	15.1	48.6	84.8			
G100.0	14.2	10.3	12.7	15.6	20.2	38.5	85.3			
G101.0	15.9	10.3	17.6	13.5	16.8	47.5	82.7			
G102.0	18.5	8.1	16.7	14.2	17.3	43.0	80.9			
G103.0	17.2	12.4	12.7	13.6	19.1	45.9	84.1			
G104.0	12.5	9.9	12.9	14.2	17.9	39.6	87.4			
G105.0	10.4	8.8	13.8	15.8	12.6	38.3	83.9			
G106.0	12.7	10.5	16.7	16.3	15.7	40.7	83.6			
G107.0	13.1	9.6	19.2	15.1	13.9	39.6	80.7			
G108.0	12.0	10.8	14.2	14.9	16.8	38.5	78.1			
G109.0	11.6	10.3	15.3	16.3	14.4	35.1	79.5			
G110.0	12.0	0.0	12.9	12.6	14.8	35.8	74.8			

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

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

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	8.1	0.0	14.7	13.6	16.2	36.5	77.0			
G112.0	9.0	10.1	17.1	15.1	15.1	28.8	70.0			
G113.0	11.3	9.7	8.3	17.6	10.8	31.4	75.5			
G114.0	13.1	10.1	12.0	15.6	7.9	31.2	73.4			
G115.0	14.7	10.5	11.5	14.9	10.8	29.0	68.4			
G116.0	16.3	8.6	14.9	11.8	11.0	31.2	66.3			
G117.0	8.6	11.3	14.2	13.6	16.9	28.3	66.7			
G118.0	10.6	12.1	17.6	13.6	15.0	27.0	63.3			
G119.0	8.8	8.6	15.4	13.1	14.8	31.9	67.6			
G120.0	11.8	0.0	14.0	15.2	14.4	25.3	63.0			
G121.0	10.0	10.3	11.5	14.0	11.5	29.0	54.2			
G122.0	8.2	0.0	17.4	15.4	14.1	29.9	60.0			
G123.0	9.1	8.8	15.8	16.5	9.9	29.2	50.3			
G124.0	7.2	10.6	13.5	14.0	12.4	30.1	56.3			
G125.0	8.1	9.9	14.0	15.8	14.8	27.4	53.8			
G126.0	10.0	10.5	16.0	16.5	9.4	29.4	51.9			
G127.0	11.5	11.7	18.8	14.5	17.3	22.6	46.4			
G128.0	10.8	11.5	17.9	13.1	12.3	22.8	41.7			
G129.0	9.1	0.0	14.4	15.2	13.3	28.1	44.5			
G130.0	7.7	8.8	17.1	17.0	14.6	25.6	41.3			
G131.0	9.1	8.5	14.5	16.7	15.3	24.7	43.6			
G132.0	16.8	10.8	15.3	15.2	12.4	21.5	40.8			
G133.0	16.1	11.2	12.0	12.9	14.8	25.3	35.9			
G134.0	14.2	12.4	15.1	18.1	9.0	26.7	34.7			
G135.0	12.9	10.1	16.3	14.4	16.9	25.8	34.3			
G136.0	14.9	10.3	15.3	15.6	9.7	23.8	39.9			
G137.0	10.8	14.1	17.1	16.2	16.6	24.4	37.1			
G138.0	13.4	11.9	14.4	15.2	15.7	22.8	36.1			
G139.0	12.5	11.2	14.5	14.7	17.3	22.2	29.0			
G140.0	12.5	14.1	16.7	14.5	13.7	19.2	28.7			
G141.0	9.5	14.1	19.0	16.9	17.3	21.0	29.4			
G142.0	8.4	13.9	18.7	19.4	16.0	21.0	28.1			
G143.0	16.1	13.3	16.2	17.6	17.9	19.7	18.3			
G144.0	13.8	15.3	17.6	19.0	15.1	20.6	27.8			
G145.0	10.8	15.0	19.0	20.1	17.1	19.5	20.9			
G146.0	9.0	12.3	14.7	21.9	16.8	17.0	24.5			
G147.0	13.1	17.1	15.8	20.8	11.7	14.2	23.6			

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

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

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	15.6	19.1	15.3	16.9	18.2	19.2	17.1			
G149.0	14.3	15.0	17.9	20.5	16.6	15.9	25.0			
G150.0	8.4	13.3	21.5	19.2	16.0	23.1	18.7			
G151.0	10.6	12.4	21.4	14.0	18.0	17.9	19.7			
G152.0	14.2	11.0	20.1	19.7	16.9	14.3	19.3			
G153.0	15.2	19.8	15.6	18.3	20.6	16.5	14.1			
G154.0	14.3	14.6	20.1	18.1	17.7	18.6	14.8			
G155.0	15.6	17.1	23.7	22.6	20.6	20.2	17.8			
G156.0	15.9	18.9	18.1	22.1	18.6	16.3	11.3			
G157.0	15.9	17.8	18.8	18.1	19.1	13.3	17.6			
G158.0	19.0	19.6	18.8	20.6	20.2	15.6	18.5			
G159.0	15.2	17.3	16.5	19.4	14.2	18.8	14.6			
G160.0	19.7	17.1	20.8	22.4	22.4	13.6	14.8			
G161.0	14.2	16.8	21.7	21.4	18.6	20.1	18.5			
G162.0	23.3	11.3	19.7	19.9	22.2	17.6	16.2			
G163.0	13.1	18.6	21.7	19.4	17.9	21.0	15.7			
G164.0	17.7	19.8	23.1	19.6	22.9	19.2	15.5			
G165.0	18.1	20.4	18.7	21.0	22.5	21.3	15.3			
G166.0	20.6	18.6	20.5	21.7	19.3	20.8	14.1			
G167.0	20.8	19.1	17.2	22.1	19.8	19.9	16.4			
G168.0	13.3	18.4	23.7	21.2	18.0	21.5	16.5			
G169.0	18.8	18.2	23.0	16.2	21.5	19.7	20.6			
G170.0	14.2	15.3	24.2	21.4	16.9	25.1	19.0			
G171.0	18.1	19.3	12.9	26.2	25.6	23.3	16.7			
G172.0	15.9	19.1	19.9	23.1	17.5	23.3	15.1			
G173.0	18.6	18.2	17.6	26.2	17.7	15.8	16.4			
G174.0	17.2	17.7	19.2	22.4	19.8	23.3	18.3			
G175.0	19.0	15.7	17.4	18.7	12.1	19.9	16.7			
G176.0	13.1	19.3	17.8	17.2	19.8	18.6	17.8			
G177.0	17.6	16.4	17.6	17.8	14.8	13.3	17.2			
G178.0	21.5	13.2	18.7	17.6	20.4	19.7	20.2			
G179.0	17.2	16.0	20.1	17.0	16.8	22.0	22.0			
G180.0	17.4	16.8	20.1	16.7	19.7	19.3	19.7			

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

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