

Report No.:

Test Time: 2023/10/27 11:40

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.670 A
Power Factor: 0.999

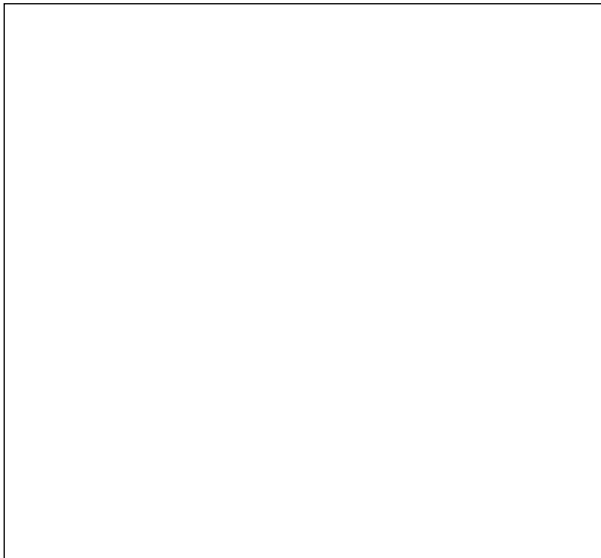
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 80.32 W

Photometric Results

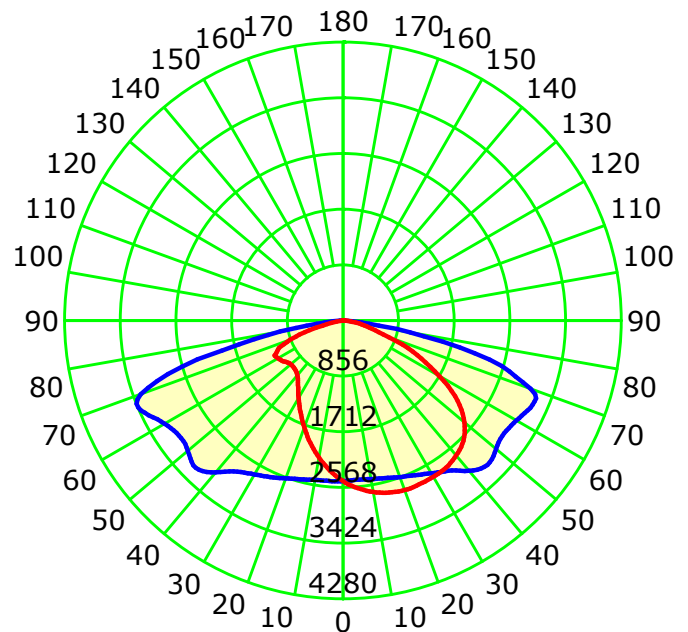
IES Classification: Type III
Total Rated Lamp Lumens: 10971.2 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 2467.25 cd
Pos of Max. Intensity: H180 V68
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 154.2, 92.9, 127.8, 127.4

Longitudinal Classification: Medium
Measurement Flux: 10971.2 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 136.64
Max. Intensity: 3424.17 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

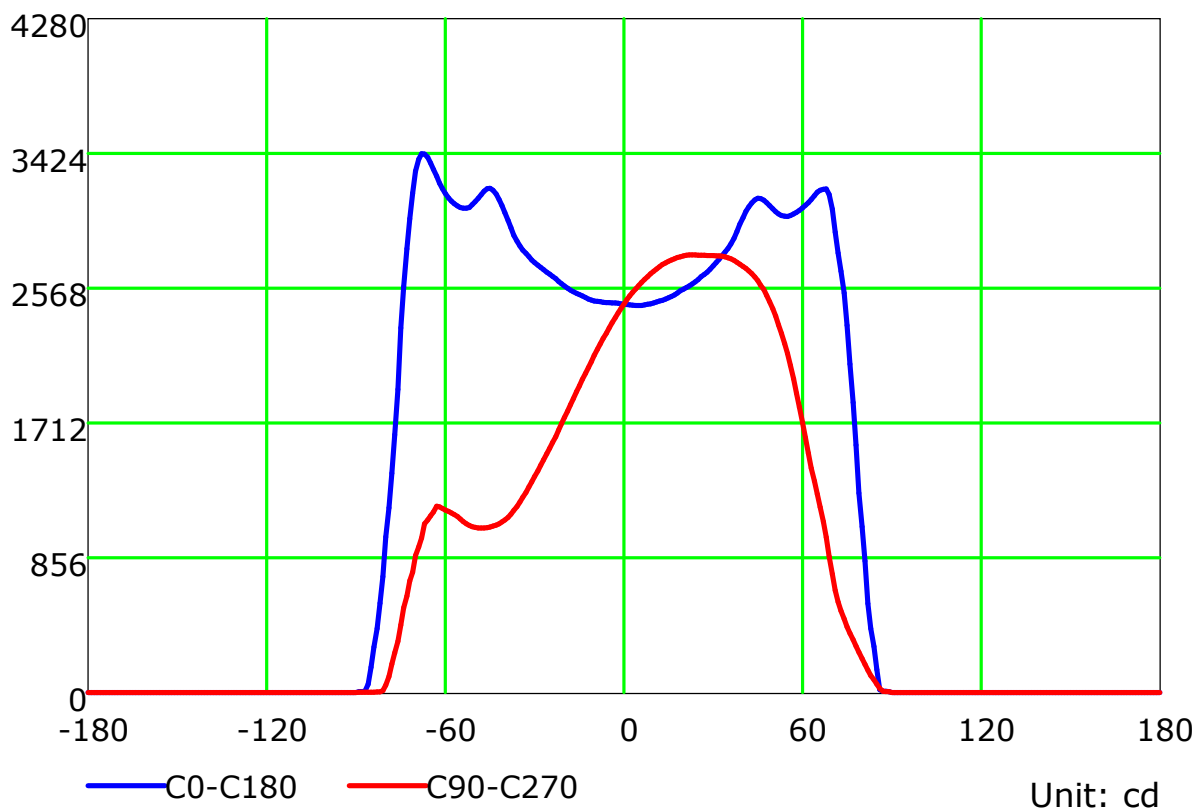
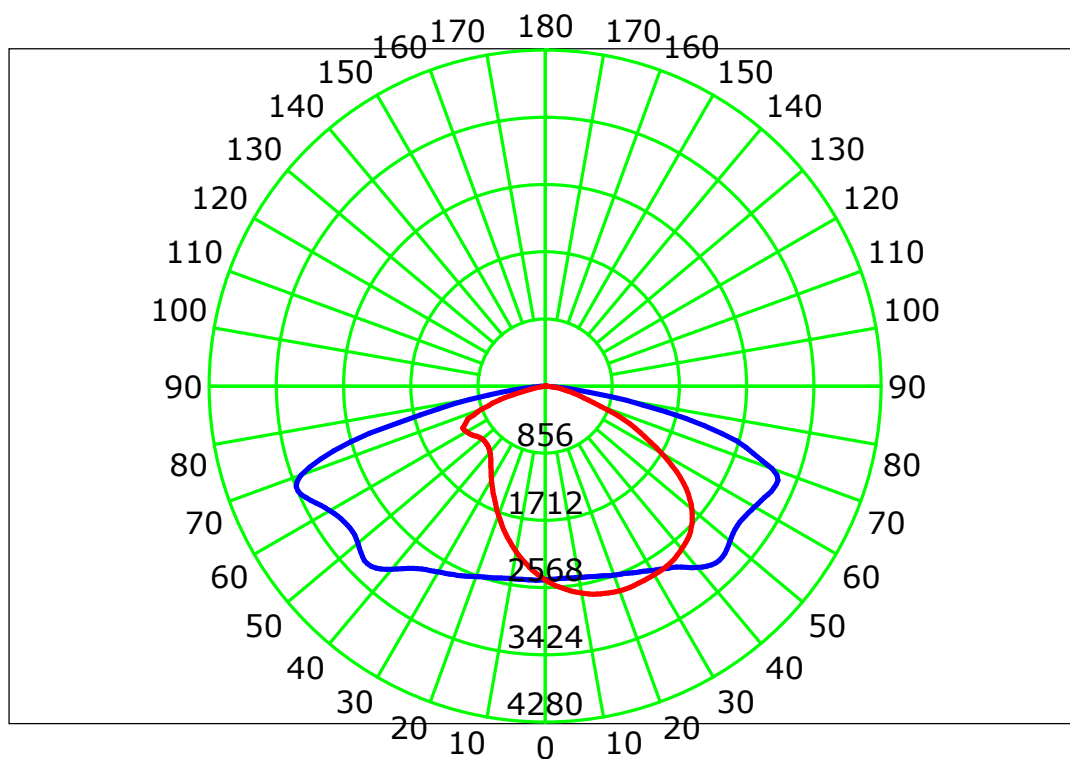
Average Diffuse Angle(50%): 123.6°

— 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: 14.450 m [K=1.0000]
Humidity:
Inspector:

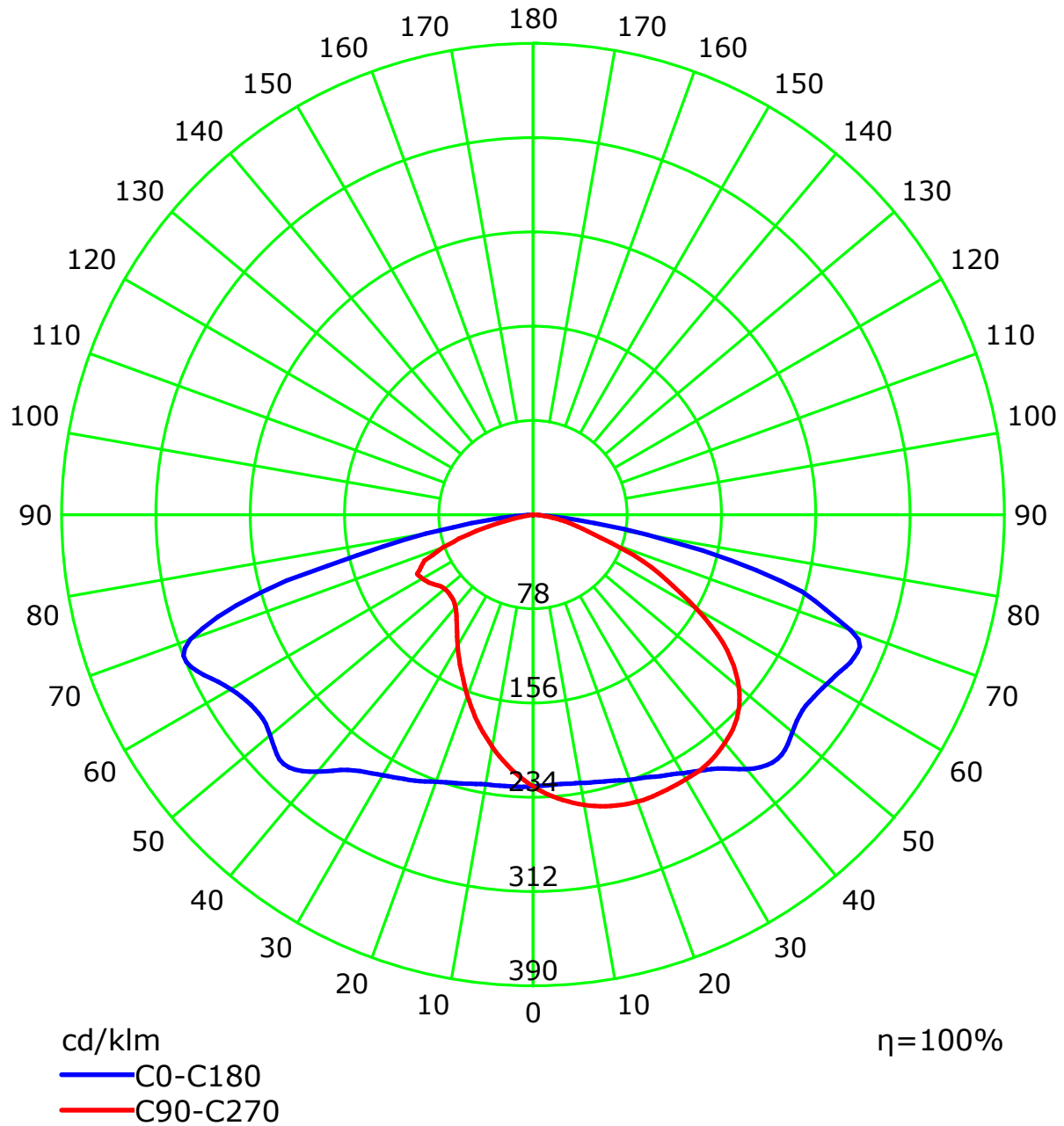
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
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Test Type: TYPE C
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Humidity:
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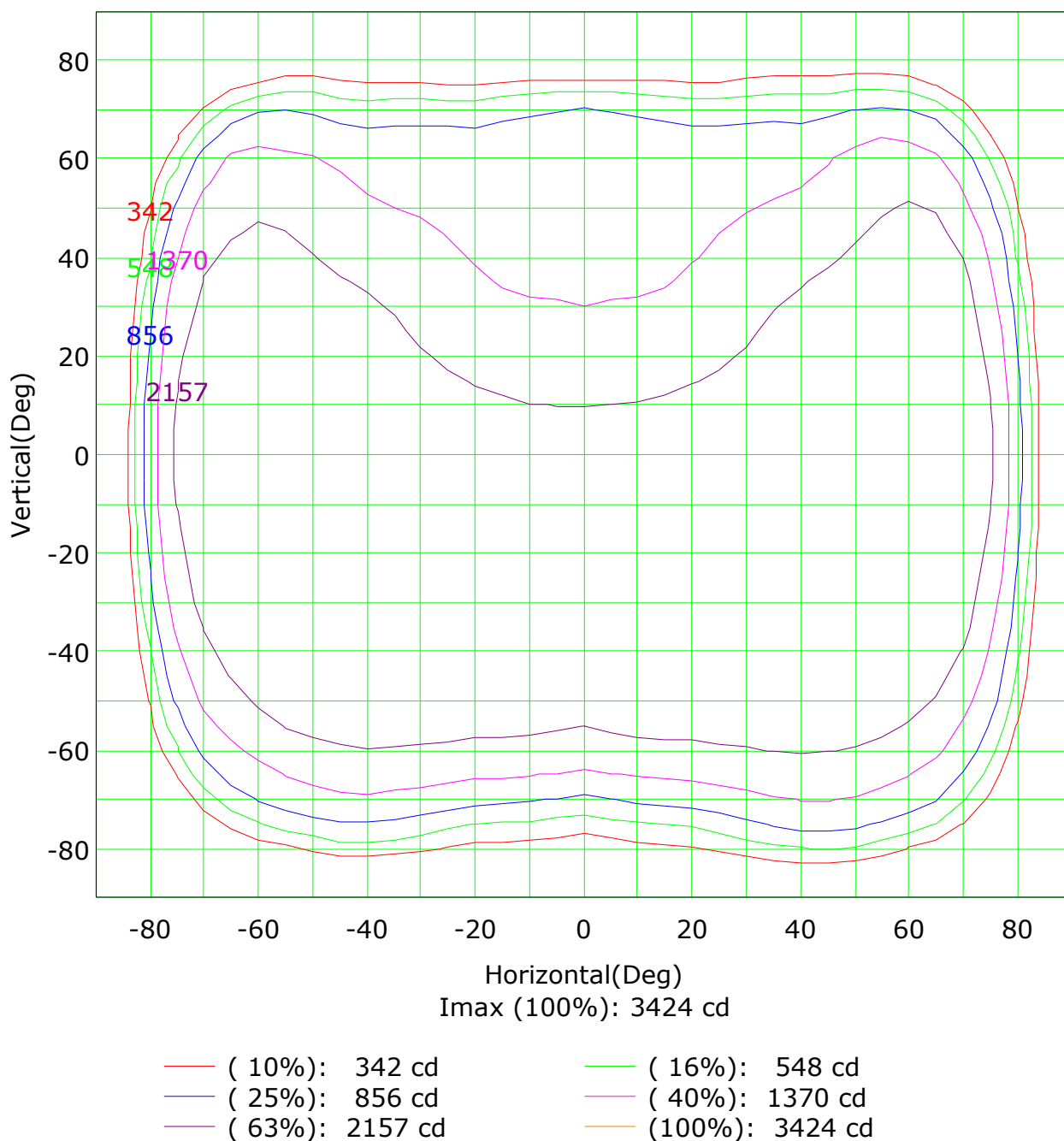
Luminous Intensity Distribution Curve(cd/klm)



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: 14.450 m [K=1.0000]
Humidity:
Inspector:

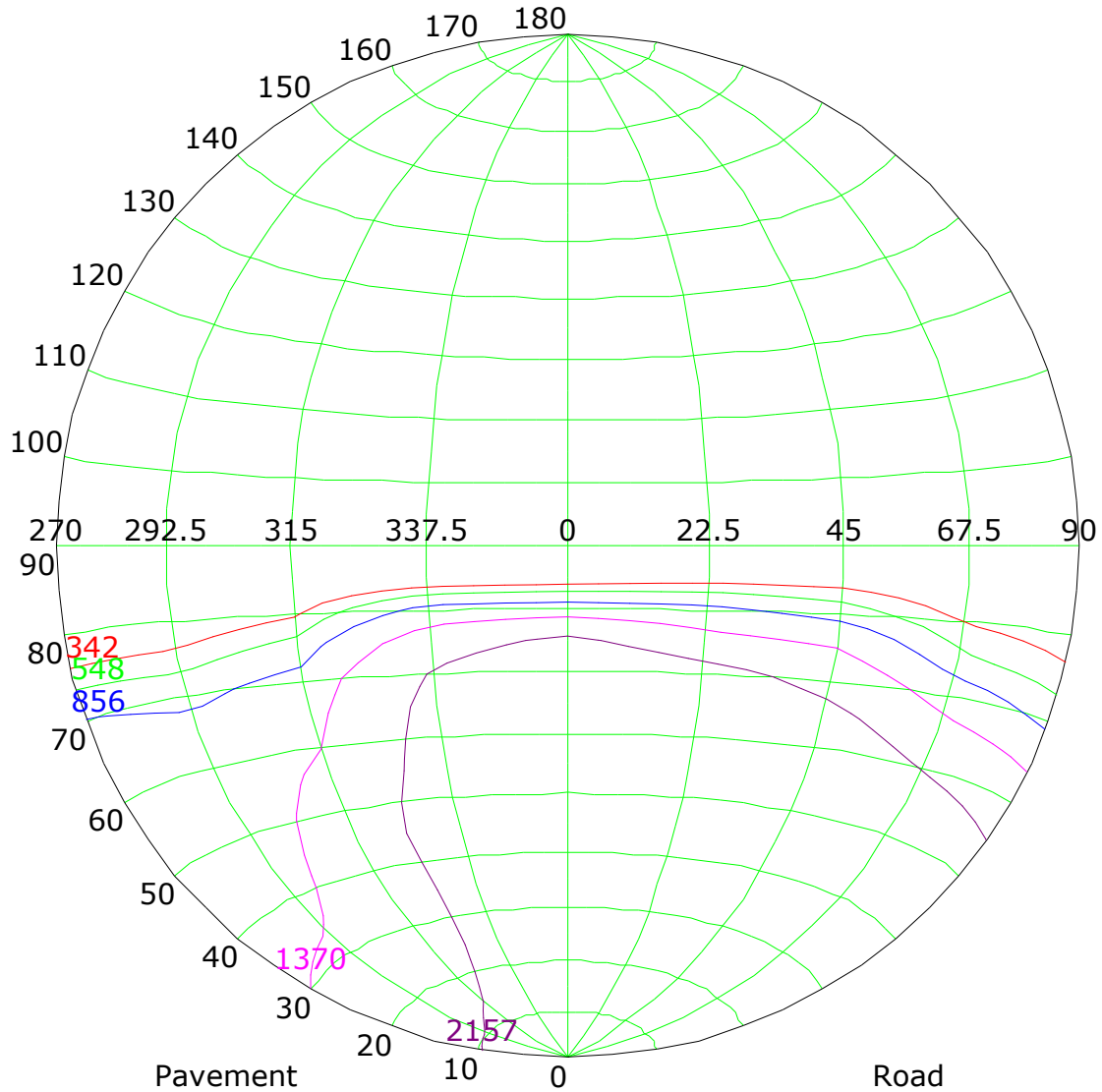
Isocandela (rectangle)



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: 14.450 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 3424 cd

(10%): 342 cd
(25%): 856 cd
(63%): 2157 cd

(16%): 548 cd
(40%): 1370 cd
(100%): 3424 cd

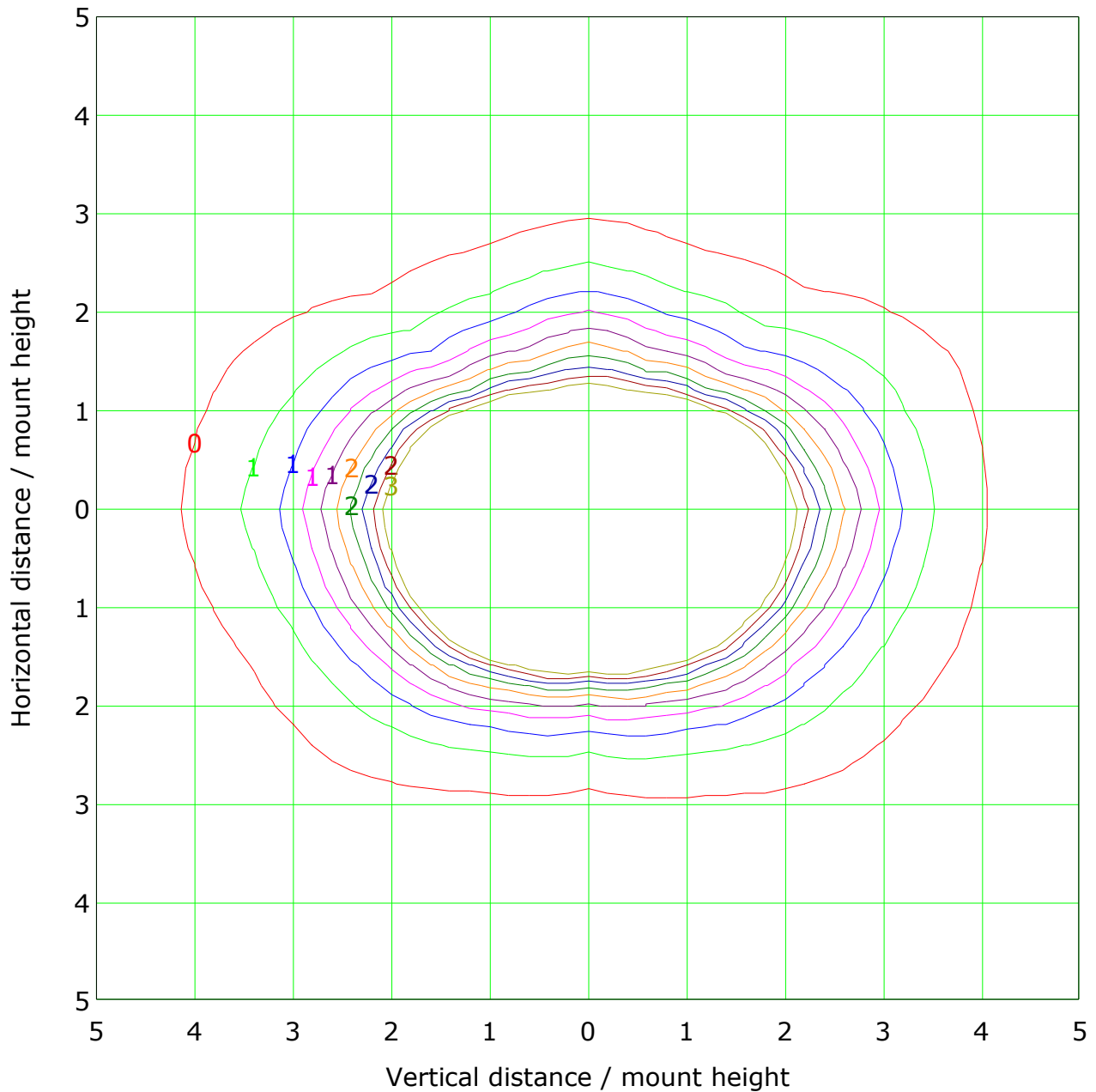
CIE: narrow - intermediate
CIE: Non-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Semi-cut-off
Max.At80: 105.361 cd/klm
Max.80-90: 105.361 cd/klm

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Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.450 m [K=1.0000]
Humidity:
Inspector:

IsoLux Plot



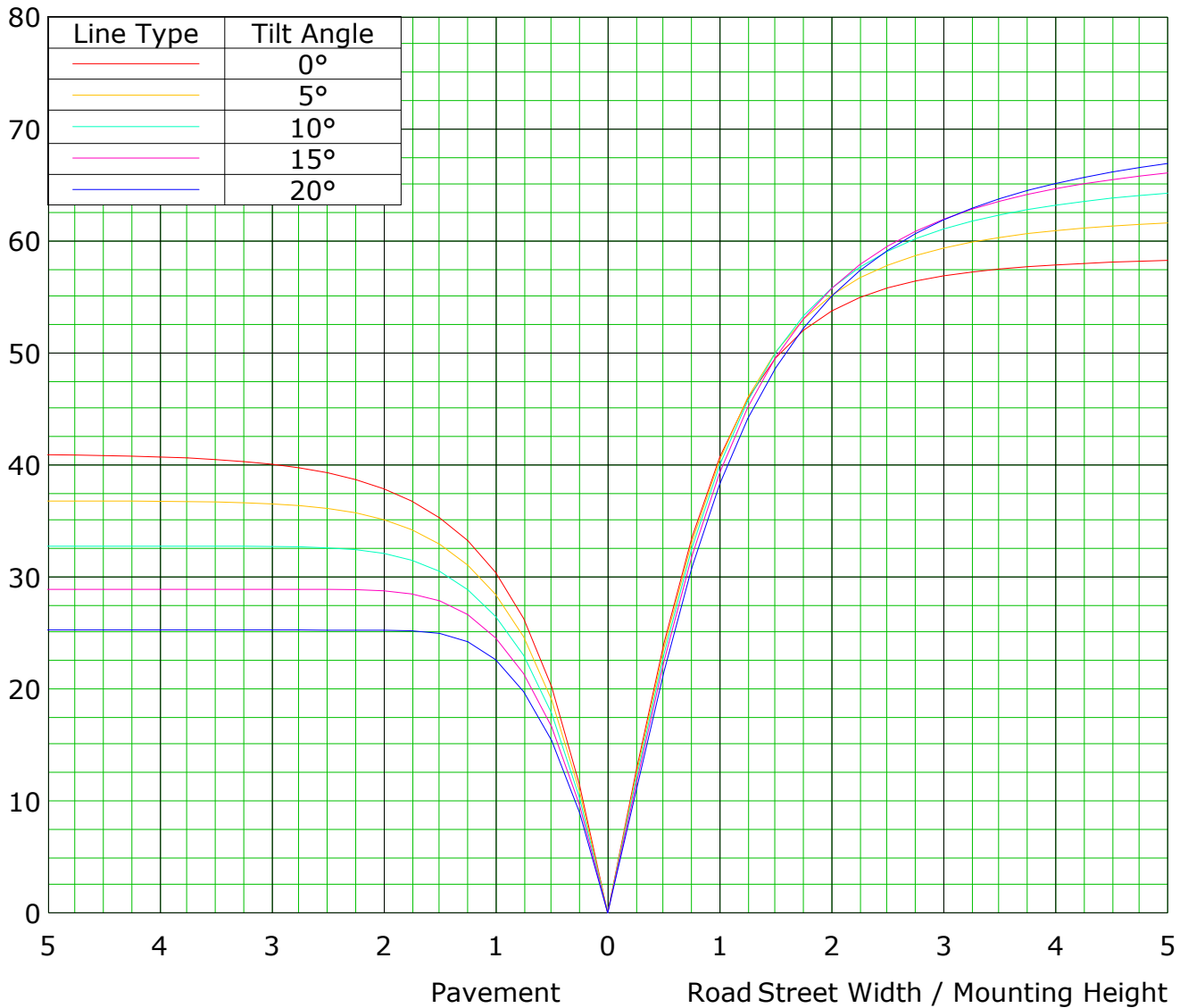
Mounting Height: 10.0m Max Lux(100%): 25.7 lx	
(1%): 0.3 lx	(2%): 0.5 lx
(3%): 0.8 lx	(4%): 1.0 lx
(5%): 1.3 lx	(6%): 1.5 lx
(7%): 1.8 lx	(8%): 2.1 lx
(9%): 2.3 lx	(10%): 2.6 lx

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Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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Test Device: GPM-3000
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Humidity:
Inspector:

Roadway CU Curve

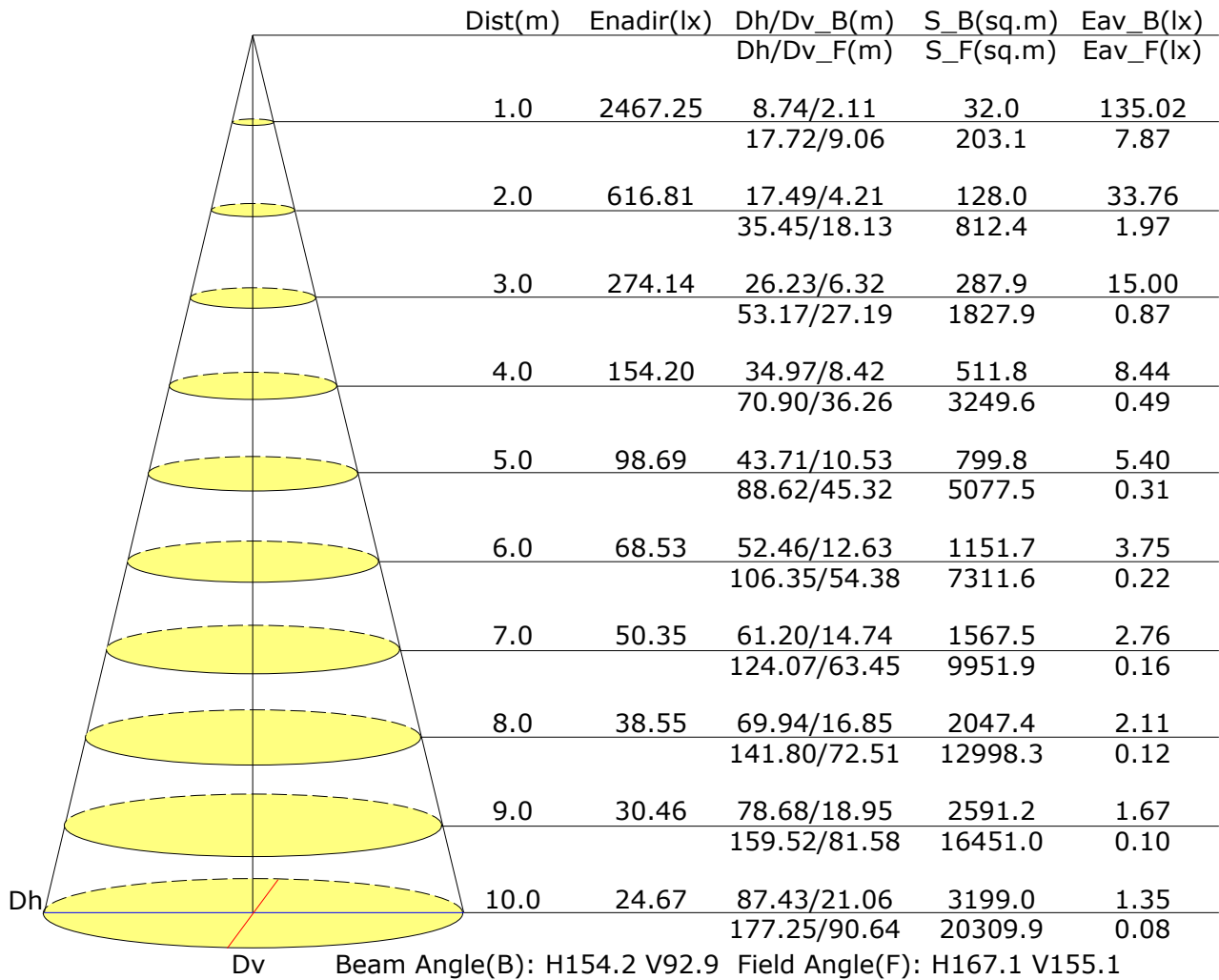
Efficiency(%)



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: 14.450 m [K=1.0000]
Humidity:
Inspector:

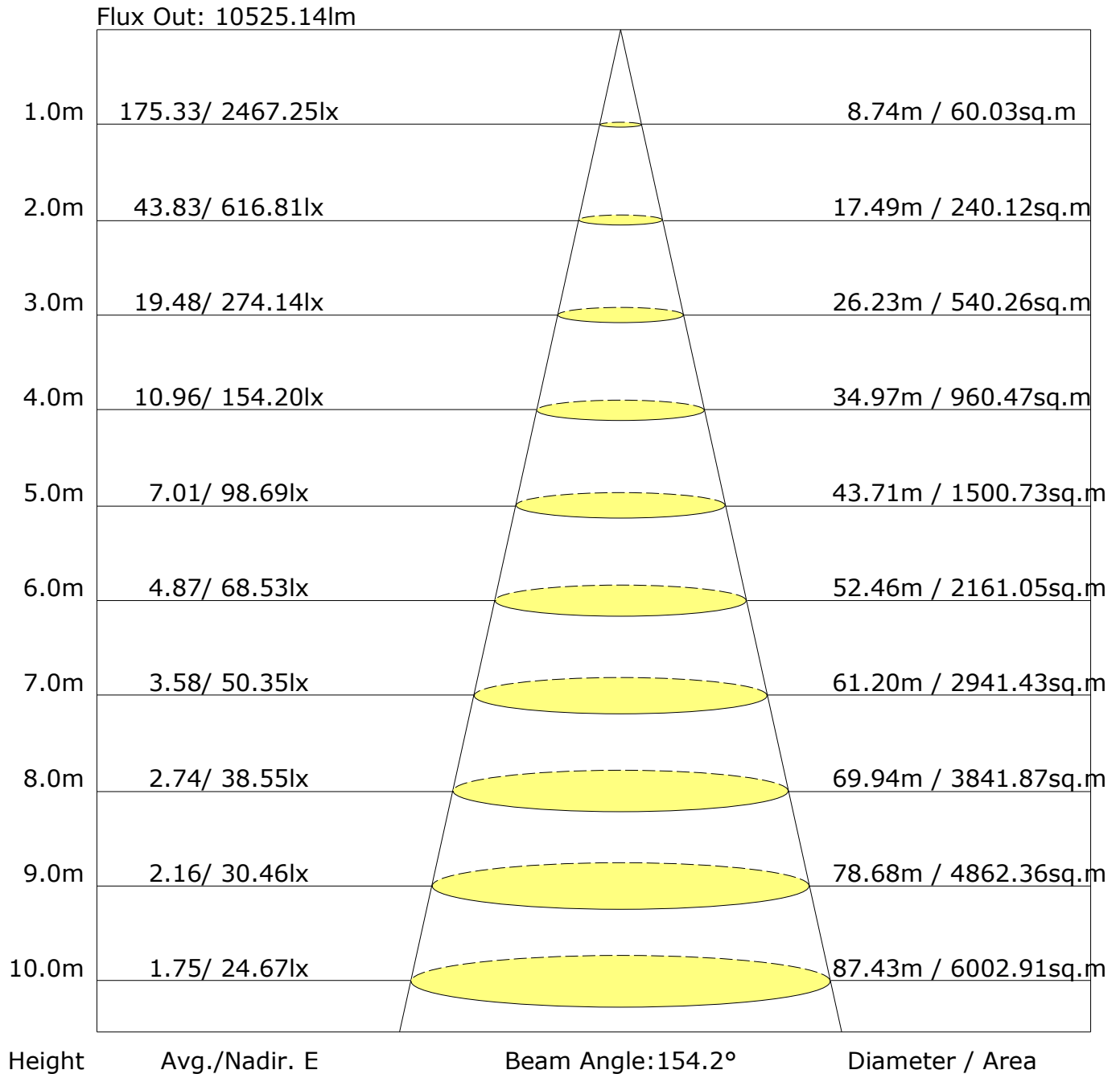
Illuminance at a Distance



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: 14.450 m [K=1.0000]
Humidity:
Inspector:

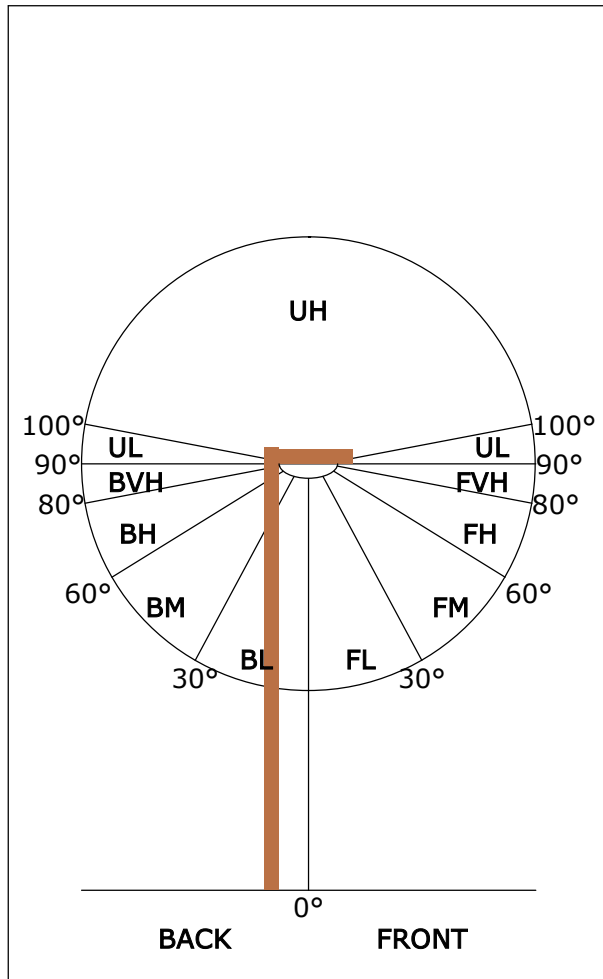
The Average Illuminance Effective Figure



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 Distance: 14.450 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	6466	58.9
FL (0°-30°)	1148	10.5
FM (30°-60°)	3359	30.6
FH (60°-80°)	1825	16.6
FVH (80°-90°)	134	1.2
BACK LIGHT	4505	41.1
BL (0°-30°)	887	8.1
BM (30°-60°)	2146	19.6
BH (60°-80°)	1399	12.8
BVH (80°-90°)	74	0.7
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U2 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U2 G2

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Distance: 14.450 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	2467.4	2.4	2.4	0.02	0.02
1.0-2.0	2467.1	7.1	9.4	0.06	0.09
2.0-3.0	2466.6	11.8	21.2	0.11	0.19
3.0-4.0	2465.4	16.5	37.7	0.15	0.34
4.0-5.0	2463.4	21.2	58.9	0.19	0.54
5.0-6.0	2461.3	25.9	84.8	0.24	0.77
6.0-7.0	2459.1	30.5	115.3	0.28	1.05
7.0-8.0	2456.5	35.2	150.5	0.32	1.37
8.0-9.0	2453.9	39.8	190.3	0.36	1.73
9.0-10.0	2451.0	44.4	234.6	0.40	2.14
10.0-11.0	2448.1	48.9	283.6	0.45	2.58
11.0-12.0	2445.1	53.5	337.0	0.49	3.07
12.0-13.0	2442.0	58.0	395.0	0.53	3.60
13.0-14.0	2438.6	62.4	457.4	0.57	4.17
14.0-15.0	2435.1	66.9	524.3	0.61	4.78
15.0-16.0	2431.4	71.3	595.5	0.65	5.43
16.0-17.0	2427.6	75.6	671.1	0.69	6.12
17.0-18.0	2424.0	79.9	751.1	0.73	6.85
18.0-19.0	2420.5	84.2	835.3	0.77	7.61
19.0-20.0	2417.1	88.5	923.8	0.81	8.42
20.0-21.0	2413.8	92.7	1016.5	0.84	9.26
21.0-22.0	2410.8	96.9	1113.4	0.88	10.15
22.0-23.0	2407.6	101.0	1214.4	0.92	11.07
23.0-24.0	2404.7	105.1	1319.5	0.96	12.03
24.0-25.0	2402.0	109.2	1428.8	1.00	13.02
25.0-26.0	2399.7	113.3	1542.1	1.03	14.06
26.0-27.0	2397.7	117.3	1659.4	1.07	15.12
27.0-28.0	2396.2	121.3	1780.7	1.11	16.23
28.0-29.0	2395.2	125.3	1906.0	1.14	17.37
29.0-30.0	2394.4	129.3	2035.3	1.18	18.55
30.0-31.0	2394.0	133.2	2168.6	1.21	19.77
31.0-32.0	2394.7	137.2	2305.8	1.25	21.02
32.0-33.0	2396.3	141.2	2447.0	1.29	22.30
33.0-34.0	2398.9	145.2	2592.2	1.32	23.63
34.0-35.0	2402.7	149.2	2741.4	1.36	24.99
35.0-36.0	2408.5	153.4	2894.8	1.40	26.39

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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	2416.6	157.6	3052.4	1.44	27.82
37.0-38.0	2427.1	162.0	3214.5	1.48	29.30
38.0-39.0	2439.3	166.5	3381.0	1.52	30.82
39.0-40.0	2451.4	171.0	3552.0	1.56	32.38
40.0-41.0	2462.1	175.3	3727.3	1.60	33.97
41.0-42.0	2470.9	179.5	3906.9	1.64	35.61
42.0-43.0	2476.8	183.5	4090.4	1.67	37.28
43.0-44.0	2479.6	187.2	4277.5	1.71	38.99
44.0-45.0	2479.4	190.6	4468.1	1.74	40.73
45.0-46.0	2476.1	193.7	4661.8	1.77	42.49
46.0-47.0	2469.6	196.4	4858.2	1.79	44.28
47.0-48.0	2460.3	198.9	5057.1	1.81	46.09
48.0-49.0	2448.2	201.1	5258.2	1.83	47.93
49.0-50.0	2433.3	202.9	5461.1	1.85	49.78
50.0-51.0	2416.6	204.5	5665.6	1.86	51.64
51.0-52.0	2398.3	205.8	5871.4	1.88	53.52
52.0-53.0	2378.9	207.0	6078.4	1.89	55.40
53.0-54.0	2358.6	207.9	6286.3	1.90	57.30
54.0-55.0	2336.6	208.6	6494.9	1.90	59.20
55.0-56.0	2313.8	209.1	6704.0	1.91	61.11
56.0-57.0	2289.7	209.4	6913.4	1.91	63.01
57.0-58.0	2263.4	209.3	7122.7	1.91	64.92
58.0-59.0	2235.4	209.0	7331.7	1.91	66.83
59.0-60.0	2205.9	208.4	7540.2	1.90	68.73
60.0-61.0	2175.5	207.6	7747.8	1.89	70.62
61.0-62.0	2143.8	206.6	7954.4	1.88	72.50
62.0-63.0	2111.0	205.3	8159.8	1.87	74.37
63.0-64.0	2075.2	203.7	8363.4	1.86	76.23
64.0-65.0	2036.5	201.6	8565.0	1.84	78.07
65.0-66.0	1994.4	199.0	8764.0	1.81	79.88
66.0-67.0	1947.7	195.9	8959.9	1.79	81.67
67.0-68.0	1895.0	192.0	9151.9	1.75	83.42
68.0-69.0	1833.6	187.1	9338.9	1.71	85.12
69.0-70.0	1760.7	180.9	9519.8	1.65	86.77
70.0-71.0	1671.6	172.8	9692.6	1.57	88.35
71.0-72.0	1572.2	163.5	9856.1	1.49	89.84

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 Distance: 14.450 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	1466.4	153.4	10009.5	1.40	91.23
73.0-74.0	1360.2	143.0	10152.5	1.30	92.54
74.0-75.0	1252.1	132.3	10284.8	1.21	93.74
75.0-76.0	1134.7	120.5	10405.3	1.10	94.84
76.0-77.0	1013.0	108.0	10513.3	0.98	95.83
77.0-78.0	892.2	95.5	10608.8	0.87	96.70
78.0-79.0	775.3	83.3	10692.1	0.76	97.46
79.0-80.0	663.3	71.5	10763.6	0.65	98.11
80.0-81.0	549.8	59.5	10823.1	0.54	98.65
81.0-82.0	434.3	47.1	10870.2	0.43	99.08
82.0-83.0	332.6	36.2	10906.4	0.33	99.41
83.0-84.0	246.7	26.9	10933.2	0.24	99.65
84.0-85.0	166.8	18.2	10951.4	0.17	99.82
85.0-86.0	95.3	10.4	10961.9	0.09	99.92
86.0-87.0	45.8	5.0	10966.9	0.05	99.96
87.0-88.0	22.2	2.4	10969.3	0.02	99.98
88.0-89.0	12.3	1.3	10970.6	0.01	100.00
89.0-90.0	4.6	0.5	10971.1	0.00	100.00
90.0-91.0	0.0	0.0	10971.1	0.00	100.00
91.0-92.0	0.0	0.0	10971.1	0.00	100.00
92.0-93.0	0.0	0.0	10971.1	0.00	100.00
93.0-94.0	0.0	0.0	10971.1	0.00	100.00
94.0-95.0	0.0	0.0	10971.1	0.00	100.00
95.0-96.0	0.0	0.0	10971.1	0.00	100.00
96.0-97.0	0.0	0.0	10971.1	0.00	100.00
97.0-98.0	0.0	0.0	10971.1	0.00	100.00
98.0-99.0	0.0	0.0	10971.1	0.00	100.00
99.0-100.0	0.0	0.0	10971.1	0.00	100.00
100.0-101.0	0.0	0.0	10971.1	0.00	100.00
101.0-102.0	0.0	0.0	10971.1	0.00	100.00
102.0-103.0	0.0	0.0	10971.1	0.00	100.00
103.0-104.0	0.0	0.0	10971.1	0.00	100.00
104.0-105.0	0.0	0.0	10971.1	0.00	100.00
105.0-106.0	0.0	0.0	10971.1	0.00	100.00
106.0-107.0	0.0	0.0	10971.1	0.00	100.00
107.0-108.0	0.0	0.0	10971.1	0.00	100.00

C Plane (°):0.0-360.0: 22.5
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 Test Device: GPM-3000
 Distance: 14.450 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	10971.1	0.00	100.00
109.0-110.0	0.0	0.0	10971.1	0.00	100.00
110.0-111.0	0.0	0.0	10971.1	0.00	100.00
111.0-112.0	0.0	0.0	10971.1	0.00	100.00
112.0-113.0	0.0	0.0	10971.1	0.00	100.00
113.0-114.0	0.0	0.0	10971.1	0.00	100.00
114.0-115.0	0.0	0.0	10971.1	0.00	100.00
115.0-116.0	0.0	0.0	10971.1	0.00	100.00
116.0-117.0	0.0	0.0	10971.1	0.00	100.00
117.0-118.0	0.0	0.0	10971.1	0.00	100.00
118.0-119.0	0.0	0.0	10971.1	0.00	100.00
119.0-120.0	0.0	0.0	10971.1	0.00	100.00
120.0-121.0	0.0	0.0	10971.1	0.00	100.00
121.0-122.0	0.0	0.0	10971.1	0.00	100.00
122.0-123.0	0.0	0.0	10971.1	0.00	100.00
123.0-124.0	0.0	0.0	10971.1	0.00	100.00
124.0-125.0	0.0	0.0	10971.1	0.00	100.00
125.0-126.0	0.0	0.0	10971.1	0.00	100.00
126.0-127.0	0.0	0.0	10971.1	0.00	100.00
127.0-128.0	0.0	0.0	10971.1	0.00	100.00
128.0-129.0	0.0	0.0	10971.1	0.00	100.00
129.0-130.0	0.0	0.0	10971.1	0.00	100.00
130.0-131.0	0.0	0.0	10971.1	0.00	100.00
131.0-132.0	0.0	0.0	10971.1	0.00	100.00
132.0-133.0	0.0	0.0	10971.1	0.00	100.00
133.0-134.0	0.0	0.0	10971.1	0.00	100.00
134.0-135.0	0.0	0.0	10971.1	0.00	100.00
135.0-136.0	0.0	0.0	10971.1	0.00	100.00
136.0-137.0	0.0	0.0	10971.1	0.00	100.00
137.0-138.0	0.0	0.0	10971.1	0.00	100.00
138.0-139.0	0.0	0.0	10971.1	0.00	100.00
139.0-140.0	0.0	0.0	10971.1	0.00	100.00
140.0-141.0	0.0	0.0	10971.1	0.00	100.00
141.0-142.0	0.0	0.0	10971.1	0.00	100.00
142.0-143.0	0.0	0.0	10971.1	0.00	100.00
143.0-144.0	0.0	0.0	10971.1	0.00	100.00

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 Distance: 14.450 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	0.0	0.0	10971.1	0.00	100.00
145.0-146.0	0.0	0.0	10971.1	0.00	100.00
146.0-147.0	0.0	0.0	10971.1	0.00	100.00
147.0-148.0	0.0	0.0	10971.1	0.00	100.00
148.0-149.0	0.0	0.0	10971.1	0.00	100.00
149.0-150.0	0.0	0.0	10971.1	0.00	100.00
150.0-151.0	0.0	0.0	10971.1	0.00	100.00
151.0-152.0	0.0	0.0	10971.1	0.00	100.00
152.0-153.0	0.0	0.0	10971.1	0.00	100.00
153.0-154.0	0.0	0.0	10971.1	0.00	100.00
154.0-155.0	0.0	0.0	10971.1	0.00	100.00
155.0-156.0	0.0	0.0	10971.1	0.00	100.00
156.0-157.0	0.0	0.0	10971.1	0.00	100.00
157.0-158.0	0.0	0.0	10971.1	0.00	100.00
158.0-159.0	0.0	0.0	10971.1	0.00	100.00
159.0-160.0	0.0	0.0	10971.1	0.00	100.00
160.0-161.0	0.0	0.0	10971.1	0.00	100.00
161.0-162.0	0.0	0.0	10971.1	0.00	100.00
162.0-163.0	0.0	0.0	10971.1	0.00	100.00
163.0-164.0	0.0	0.0	10971.1	0.00	100.00
164.0-165.0	0.0	0.0	10971.1	0.00	100.00
165.0-166.0	0.0	0.0	10971.1	0.00	100.00
166.0-167.0	0.0	0.0	10971.1	0.00	100.00
167.0-168.0	0.0	0.0	10971.1	0.00	100.00
168.0-169.0	0.0	0.0	10971.1	0.00	100.00
169.0-170.0	0.0	0.0	10971.1	0.00	100.00
170.0-171.0	0.0	0.0	10971.1	0.00	100.00
171.0-172.0	0.0	0.0	10971.1	0.00	100.00
172.0-173.0	0.0	0.0	10971.1	0.00	100.00
173.0-174.0	0.0	0.0	10971.1	0.00	100.00
174.0-175.0	0.0	0.0	10971.1	0.00	100.00
175.0-176.0	0.0	0.0	10971.1	0.00	100.00
176.0-177.0	0.0	0.0	10971.1	0.00	100.00
177.0-178.0	0.0	0.0	10971.1	0.00	100.00
178.0-179.0	0.0	0.0	10971.1	0.00	100.00
179.0-180.0	0.0	0.0	10971.1	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: 14.450 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 4468.10 lm

%lum = 40.7%

%lamp = 40.7%

cone flux(120°): 7540.18 lm

%lum = 68.7%

%lamp = 68.7%

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	2467.2	2467.2	2467.2	2467.2	2467.2	2467.2	2467.2	2467.2	2467.2	2467.2
G1.0	2465.9	2477.7	2487.9	2490.9	2495.7	2494.9	2486.6	2479.8	2470.4	2458.1
G2.0	2463.0	2487.6	2505.7	2515.1	2520.5	2519.0	2504.7	2490.5	2472.6	2449.6
G3.0	2461.9	2499.0	2525.1	2538.8	2543.6	2543.4	2525.5	2501.7	2476.5	2442.3
G4.0	2459.8	2509.9	2542.8	2561.4	2565.1	2566.6	2541.6	2514.1	2476.1	2433.7
G5.0	2458.4	2521.1	2558.8	2583.5	2586.0	2587.6	2559.4	2524.9	2477.0	2424.5
G6.0	2459.7	2532.5	2577.9	2603.9	2606.0	2608.5	2576.3	2536.1	2477.9	2416.7
G7.0	2463.4	2544.3	2592.9	2621.7	2626.0	2629.3	2593.9	2547.2	2480.4	2407.4
G8.0	2467.4	2554.8	2607.0	2639.1	2643.2	2647.8	2610.7	2558.5	2483.2	2399.1
G9.0	2469.8	2564.6	2621.3	2655.4	2660.5	2664.9	2627.8	2570.4	2485.5	2390.9
G10.0	2474.8	2575.8	2635.8	2671.3	2676.8	2682.0	2643.8	2584.5	2488.0	2383.6
G11.0	2481.5	2587.4	2647.7	2687.0	2691.9	2697.1	2659.9	2598.2	2493.7	2376.2
G12.0	2487.4	2600.7	2662.6	2699.5	2705.6	2712.3	2674.5	2610.2	2500.8	2371.0
G13.0	2491.8	2613.2	2676.0	2711.0	2719.6	2725.8	2689.7	2621.6	2509.6	2366.1
G14.0	2499.7	2625.9	2690.0	2720.8	2729.8	2736.6	2703.8	2633.0	2519.5	2359.8
G15.0	2508.3	2639.8	2701.2	2730.2	2739.9	2746.5	2717.9	2644.7	2529.1	2355.3
G16.0	2515.7	2654.0	2715.0	2737.6	2747.4	2756.8	2731.4	2657.5	2537.5	2350.6
G17.0	2527.1	2668.1	2729.8	2744.7	2756.0	2765.9	2743.0	2670.0	2546.5	2347.6
G18.0	2538.7	2683.8	2742.1	2751.3	2763.8	2773.1	2753.9	2684.1	2557.0	2344.9
G19.0	2552.6	2699.9	2753.5	2757.2	2768.6	2781.3	2764.6	2699.1	2569.4	2342.8
G20.0	2563.7	2717.7	2763.6	2763.3	2773.6	2789.6	2774.7	2714.9	2583.1	2339.6
G21.0	2573.7	2731.8	2773.2	2769.8	2778.4	2796.8	2785.3	2729.2	2597.2	2340.5
G22.0	2584.1	2750.8	2784.6	2774.8	2780.6	2801.4	2796.8	2744.6	2612.8	2341.1
G23.0	2594.9	2765.9	2795.5	2780.2	2781.3	2806.1	2809.5	2761.6	2629.2	2343.3
G24.0	2609.6	2782.7	2806.4	2784.7	2780.2	2811.4	2823.6	2777.1	2644.2	2344.4
G25.0	2625.0	2799.6	2818.2	2787.7	2779.1	2816.3	2835.0	2792.1	2659.1	2348.4
G26.0	2641.3	2814.4	2832.5	2789.2	2778.6	2819.4	2846.6	2810.6	2670.6	2354.1
G27.0	2656.4	2832.3	2845.6	2791.0	2778.3	2821.1	2858.2	2826.5	2686.4	2360.5
G28.0	2671.8	2851.8	2861.8	2793.6	2777.0	2824.2	2869.7	2842.4	2701.3	2367.4
G29.0	2689.8	2870.2	2876.4	2797.9	2776.9	2829.1	2881.1	2857.4	2715.9	2374.4
G30.0	2711.9	2887.0	2889.8	2802.2	2775.7	2832.7	2892.4	2876.2	2732.8	2383.6
G31.0	2732.6	2904.6	2904.4	2807.1	2775.3	2838.9	2907.4	2891.4	2748.8	2391.8
G32.0	2752.9	2923.7	2923.9	2814.8	2774.1	2846.2	2921.4	2909.4	2769.4	2405.6
G33.0	2775.0	2946.7	2941.4	2822.6	2773.0	2855.2	2937.9	2929.6	2789.8	2417.2
G34.0	2798.3	2967.6	2958.5	2833.5	2768.2	2865.7	2956.2	2952.5	2811.0	2430.6
G35.0	2821.5	2995.5	2984.0	2845.0	2762.5	2877.5	2979.2	2977.3	2837.0	2444.3
G36.0	2850.2	3024.2	3008.1	2859.2	2755.2	2891.1	3004.0	3008.7	2867.6	2462.1

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: 14.450 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	2886.4	3059.8	3035.4	2873.7	2746.4	2905.1	3031.0	3043.9	2904.8	2480.2
G38.0	2930.0	3098.4	3062.7	2888.6	2734.1	2918.8	3059.7	3080.4	2952.7	2501.8
G39.0	2975.5	3138.4	3084.0	2904.4	2722.0	2935.8	3081.7	3122.8	3000.0	2529.0
G40.0	3017.1	3174.2	3097.6	2918.9	2707.9	2952.7	3096.2	3164.5	3048.2	2556.9
G41.0	3056.2	3205.2	3098.9	2933.0	2695.1	2968.1	3102.8	3199.9	3093.2	2582.7
G42.0	3086.2	3229.3	3100.2	2942.5	2679.4	2980.7	3101.7	3230.1	3132.7	2610.3
G43.0	3110.3	3246.0	3097.2	2946.4	2662.4	2988.4	3097.0	3247.4	3167.5	2633.0
G44.0	3129.7	3253.2	3092.7	2944.6	2641.2	2990.4	3092.1	3254.3	3191.8	2654.0
G45.0	3140.1	3252.6	3090.9	2936.4	2617.4	2985.3	3090.6	3257.1	3204.2	2674.4
G46.0	3138.0	3249.3	3089.7	2924.0	2587.9	2971.6	3091.4	3255.6	3201.8	2690.5
G47.0	3128.8	3243.9	3088.5	2907.6	2560.2	2953.1	3093.3	3252.3	3185.4	2699.2
G48.0	3112.7	3239.7	3089.7	2887.0	2522.1	2932.5	3095.1	3249.4	3162.4	2698.3
G49.0	3094.4	3234.4	3091.0	2860.4	2483.3	2906.3	3095.0	3247.0	3139.9	2689.4
G50.0	3074.4	3228.6	3086.6	2828.7	2438.9	2876.0	3093.8	3246.4	3118.3	2669.9
G51.0	3054.8	3221.4	3079.2	2792.1	2392.6	2840.0	3087.9	3244.1	3099.1	2649.7
G52.0	3040.2	3210.9	3069.3	2749.1	2336.1	2795.7	3081.5	3232.8	3082.3	2630.7
G53.0	3030.6	3196.7	3055.6	2699.7	2282.9	2747.9	3070.3	3218.4	3077.4	2613.1
G54.0	3025.8	3179.0	3036.6	2638.3	2217.1	2693.1	3054.9	3201.9	3077.4	2600.0
G55.0	3024.8	3158.4	3009.3	2573.2	2153.4	2621.0	3029.9	3180.1	3082.4	2588.2
G56.0	3030.6	3136.3	2979.4	2496.5	2078.3	2552.9	3001.5	3162.0	3091.5	2580.5
G57.0	3040.7	3109.1	2944.1	2414.4	1993.2	2466.7	2967.4	3141.8	3105.2	2576.6
G58.0	3051.4	3086.3	2900.6	2325.7	1902.9	2371.8	2925.0	3124.4	3121.8	2570.2
G59.0	3063.8	3064.9	2848.9	2218.4	1815.3	2281.3	2876.8	3109.0	3143.2	2563.7
G60.0	3078.6	3047.4	2790.9	2112.7	1714.4	2169.3	2822.0	3094.6	3171.9	2556.2
G61.0	3095.1	3025.9	2731.2	2006.9	1619.7	2059.3	2764.6	3084.3	3202.0	2545.8
G62.0	3112.5	3002.7	2659.5	1900.1	1521.9	1944.4	2698.5	3070.9	3236.5	2536.4
G63.0	3132.3	2976.4	2590.4	1792.9	1426.6	1841.8	2633.3	3054.1	3280.1	2524.5
G64.0	3156.5	2939.2	2502.0	1681.3	1344.3	1732.2	2548.2	3032.7	3324.4	2511.1
G65.0	3178.4	2904.8	2408.8	1588.6	1261.8	1634.5	2463.5	3008.1	3363.9	2493.2
G66.0	3190.4	2856.7	2308.4	1501.8	1178.4	1542.5	2379.9	2972.3	3400.6	2475.8
G67.0	3198.1	2793.9	2213.2	1417.3	1087.0	1457.9	2275.3	2915.5	3422.0	2455.0
G68.0	3200.0	2719.5	2096.7	1330.1	988.1	1378.8	2179.8	2852.2	3424.2	2429.2
G69.0	3165.3	2626.4	1990.6	1232.0	865.9	1287.3	2080.9	2771.6	3388.1	2405.5
G70.0	3072.3	2514.8	1872.4	1125.3	753.4	1186.2	1978.3	2660.9	3313.5	2378.5
G71.0	2926.0	2359.6	1772.0	1015.9	650.5	1070.7	1875.7	2539.7	3173.7	2333.3
G72.0	2792.3	2203.1	1676.5	891.9	577.2	953.7	1786.8	2382.2	3009.9	2261.9
G73.0	2676.1	1974.0	1577.3	779.4	519.4	836.5	1685.9	2214.6	2818.7	2164.6

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: 14.450 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	2539.4	1772.0	1480.5	690.6	469.2	742.0	1587.6	2058.6	2579.4	2072.2
G75.0	2333.2	1607.0	1370.9	609.9	418.2	659.1	1476.6	1910.1	2317.5	1971.9
G76.0	2088.0	1481.7	1241.6	544.3	376.5	584.2	1366.7	1779.4	1925.9	1850.2
G77.0	1843.2	1351.7	1110.7	482.6	335.9	522.5	1244.5	1628.3	1638.3	1583.4
G78.0	1573.0	1233.0	956.5	429.1	294.9	465.2	1127.5	1402.2	1394.5	1385.2
G79.0	1267.4	1123.8	832.9	373.6	257.2	414.6	1021.9	1256.9	1174.4	1248.6
G80.0	1053.4	959.8	721.8	326.1	216.2	365.2	908.6	1155.9	989.1	1083.2
G81.0	837.6	782.2	619.1	275.3	180.6	309.3	761.1	1014.4	736.9	838.3
G82.0	566.1	643.9	529.3	224.8	143.2	252.2	637.1	815.0	568.4	637.5
G83.0	407.8	475.4	431.6	174.9	109.3	202.0	559.0	642.1	406.7	477.6
G84.0	294.5	343.3	307.9	125.6	82.0	147.9	436.4	505.8	289.2	297.9
G85.0	147.7	232.0	227.1	86.6	54.0	104.0	299.9	346.4	162.2	195.1
G86.0	20.0	110.7	132.3	57.2	27.8	69.3	210.9	213.6	53.6	46.8
G87.0	9.5	24.2	72.4	22.7	9.2	32.6	165.1	79.5	9.9	7.4
G88.0	8.7	10.6	38.2	12.5	6.7	20.5	86.4	25.0	6.8	4.8
G89.0	8.0	9.3	9.4	7.2	6.6	8.0	53.4	10.1	6.3	4.4
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.450 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.450 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.450 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	2467.2	2467.2	2467.2	2467.2	2467.2	2467.2	2467.2			
G1.0	2448.1	2441.1	2441.1	2441.6	2445.3	2455.1	2465.9			
G2.0	2428.2	2414.9	2412.2	2415.1	2424.6	2445.0	2463.0			
G3.0	2408.9	2388.2	2381.8	2387.2	2403.5	2434.8	2461.9			
G4.0	2390.3	2359.5	2349.9	2354.8	2381.4	2424.8	2459.8			
G5.0	2368.6	2328.7	2317.9	2324.9	2360.2	2414.4	2458.4			
G6.0	2348.9	2299.9	2282.7	2295.1	2339.6	2404.5	2459.7			
G7.0	2327.3	2266.9	2249.5	2265.1	2316.2	2393.8	2463.4			
G8.0	2305.2	2237.4	2215.7	2234.4	2295.5	2385.2	2467.4			
G9.0	2286.1	2206.9	2180.3	2203.4	2274.5	2377.2	2469.8			
G10.0	2266.1	2175.5	2142.8	2169.1	2253.6	2369.5	2474.8			
G11.0	2245.0	2143.8	2101.5	2137.5	2234.2	2362.6	2481.5			
G12.0	2224.4	2111.0	2064.5	2104.9	2212.3	2355.8	2487.4			
G13.0	2204.4	2075.2	2027.7	2073.3	2191.3	2350.0	2491.8			
G14.0	2182.1	2043.3	1989.4	2041.1	2170.5	2343.7	2499.7			
G15.0	2162.0	2010.7	1950.0	2008.7	2149.9	2339.6	2508.3			
G16.0	2142.5	1977.0	1911.4	1972.6	2130.7	2333.9	2515.7			
G17.0	2122.8	1941.9	1868.3	1938.8	2112.0	2330.3	2527.1			
G18.0	2103.7	1903.8	1828.3	1903.8	2094.4	2328.6	2538.7			
G19.0	2082.4	1869.4	1788.3	1869.1	2075.6	2325.6	2552.6			
G20.0	2063.5	1835.1	1748.4	1832.2	2057.7	2325.8	2563.7			
G21.0	2044.2	1800.0	1708.1	1801.3	2040.9	2326.1	2573.7			
G22.0	2027.7	1765.1	1669.1	1764.0	2022.9	2328.1	2584.1			
G23.0	2009.1	1729.9	1626.5	1729.2	2005.5	2328.1	2594.9			
G24.0	1990.7	1695.6	1588.5	1695.8	1988.9	2329.5	2609.6			
G25.0	1971.0	1658.7	1552.1	1663.3	1972.6	2333.0	2625.0			
G26.0	1954.0	1626.9	1517.1	1628.1	1957.1	2338.5	2641.3			
G27.0	1935.7	1594.4	1478.8	1595.9	1941.0	2346.5	2656.4			
G28.0	1918.2	1562.7	1443.7	1564.8	1925.8	2354.1	2671.8			
G29.0	1901.7	1530.7	1408.3	1533.1	1909.7	2363.1	2689.8			
G30.0	1883.9	1495.9	1373.9	1501.8	1893.3	2372.2	2711.9			
G31.0	1868.2	1464.9	1339.4	1469.8	1875.8	2383.5	2732.6			
G32.0	1851.9	1434.3	1306.7	1435.9	1860.9	2394.3	2752.9			
G33.0	1836.7	1404.3	1271.4	1403.7	1846.4	2406.6	2775.0			
G34.0	1821.8	1374.9	1240.5	1373.1	1831.1	2421.9	2798.3			
G35.0	1805.7	1343.3	1210.9	1343.4	1817.1	2436.8	2821.5			
G36.0	1792.8	1316.6	1182.9	1313.8	1801.2	2452.2	2850.2			

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: 14.450 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	1781.2	1291.4	1158.0	1284.8	1787.6	2470.3	2886.4			
G38.0	1772.8	1265.5	1133.5	1260.5	1774.4	2492.2	2930.0			
G39.0	1764.4	1245.5	1113.7	1236.9	1762.6	2514.3	2975.5			
G40.0	1755.2	1223.6	1097.4	1215.0	1752.3	2536.4	3017.1			
G41.0	1748.9	1205.1	1084.0	1195.3	1743.4	2561.2	3056.2			
G42.0	1742.0	1188.6	1073.1	1177.9	1735.4	2584.8	3086.2			
G43.0	1736.5	1174.3	1063.9	1162.1	1727.6	2603.8	3110.3			
G44.0	1732.1	1160.9	1057.4	1148.6	1719.9	2619.7	3129.7			
G45.0	1728.6	1150.5	1052.1	1137.3	1711.4	2629.3	3140.1			
G46.0	1724.2	1140.4	1048.8	1127.0	1701.5	2635.0	3138.0			
G47.0	1716.4	1132.0	1046.7	1117.5	1689.1	2637.3	3128.8			
G48.0	1702.2	1123.6	1046.0	1108.3	1673.9	2637.1	3112.7			
G49.0	1682.2	1113.8	1046.7	1098.9	1655.1	2623.5	3094.4			
G50.0	1661.1	1105.5	1049.5	1088.4	1630.1	2609.1	3074.4			
G51.0	1635.6	1096.1	1054.6	1079.5	1605.0	2594.3	3054.8			
G52.0	1612.2	1086.8	1061.5	1071.0	1580.0	2578.1	3040.2			
G53.0	1588.1	1077.3	1073.6	1062.5	1554.5	2558.5	3030.6			
G54.0	1561.8	1070.1	1087.0	1054.6	1527.9	2542.6	3025.8			
G55.0	1539.1	1063.9	1102.9	1048.6	1500.3	2528.2	3024.8			
G56.0	1515.9	1058.9	1118.7	1042.8	1475.3	2517.8	3030.6			
G57.0	1491.5	1054.4	1131.3	1038.8	1448.6	2507.5	3040.7			
G58.0	1465.9	1050.9	1141.6	1036.8	1422.1	2498.9	3051.4			
G59.0	1437.8	1049.2	1151.1	1034.8	1391.3	2488.5	3063.8			
G60.0	1411.1	1046.1	1160.2	1033.2	1363.5	2479.7	3078.6			
G61.0	1383.3	1042.1	1169.8	1029.6	1334.5	2470.2	3095.1			
G62.0	1351.9	1035.8	1180.4	1024.5	1304.8	2456.3	3112.5			
G63.0	1321.8	1028.0	1184.3	1017.2	1271.2	2439.7	3132.3			
G64.0	1289.2	1016.3	1147.9	1006.1	1238.9	2422.3	3156.5			
G65.0	1255.9	998.6	1123.3	985.5	1205.3	2401.0	3178.4			
G66.0	1219.3	948.9	1097.7	930.2	1168.3	2373.3	3190.4			
G67.0	1181.3	913.3	1071.8	901.7	1130.9	2346.8	3198.1			
G68.0	1140.8	872.6	982.1	865.8	1089.6	2309.9	3200.0			
G69.0	1101.3	835.8	926.3	819.3	1048.8	2272.0	3165.3			
G70.0	1060.4	757.2	872.1	748.9	1006.2	2225.0	3072.3			
G71.0	1008.0	696.9	766.4	694.3	948.5	2134.0	2926.0			
G72.0	948.9	645.5	710.2	622.9	878.0	2002.5	2792.3			
G73.0	878.1	573.0	612.9	554.7	820.5	1896.6	2676.1			

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: 14.450 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	825.6	516.7	540.2	484.4	756.3	1828.2	2539.4			
G75.0	754.2	429.3	429.7	418.3	666.2	1753.4	2333.2			
G76.0	675.8	355.5	327.3	343.1	588.1	1657.9	2088.0			
G77.0	608.5	302.8	253.7	277.2	503.6	1543.6	1843.2			
G78.0	538.1	245.1	181.2	226.1	440.5	1427.3	1573.0			
G79.0	452.0	201.1	102.8	179.3	378.8	1205.5	1267.4			
G80.0	336.2	143.3	48.2	116.0	311.9	999.9	1053.4			
G81.0	277.2	81.9	13.1	58.4	248.0	825.5	837.6			
G82.0	220.8	36.7	5.3	26.3	175.7	556.3	566.1			
G83.0	156.6	20.4	4.3	15.1	124.6	396.1	407.8			
G84.0	92.9	11.6	4.1	10.8	69.7	269.7	294.5			
G85.0	45.2	5.7	3.9	7.1	35.1	96.2	147.7			
G86.0	26.6	3.6	3.7	4.4	11.7	9.7	20.0			
G87.0	6.6	3.4	3.4	3.9	6.0	8.2	9.5			
G88.0	3.3	2.4	3.6	3.8	5.2	7.7	8.7			
G89.0	3.2	2.1	2.9	3.6	5.5	6.7	8.0			
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.450 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.450 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.450 m [K=1.0000]
 Humidity:
 Inspector: