

Report No.:

Test Time: 2023/7/7 21:37

## Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.144 A  
Power Factor: 0.971

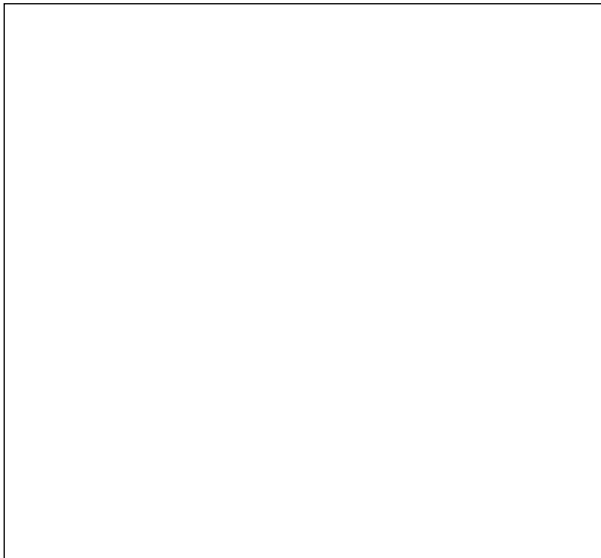
Luminaire Description:  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 277.0 V  
Power: 38.77 W

## Photometric Results

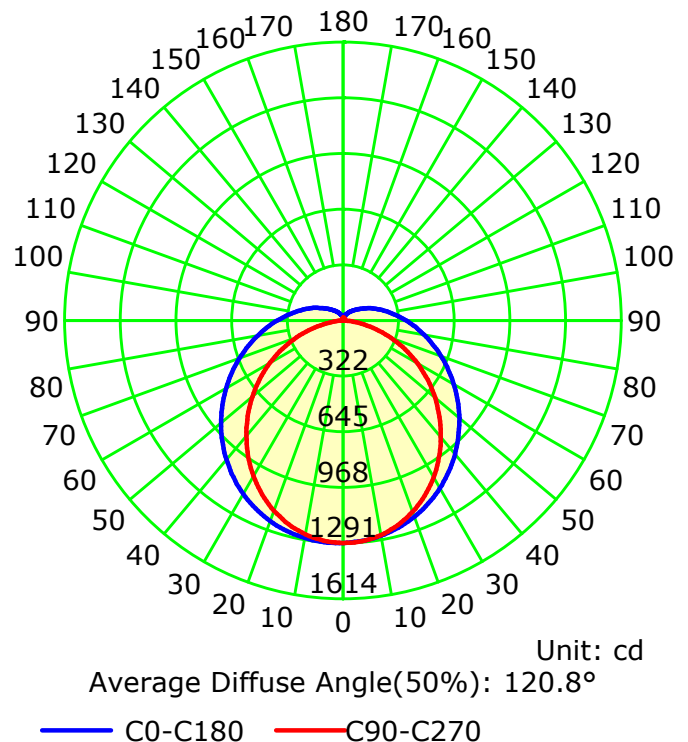
IES Classification: Type II  
Total Rated Lamp Lumens: 4751.7 lm  
Efficiency: 100%  
Upward Ratio: 12%  
C0r0 Intensity: 1290.37 cd  
Pos of Max. Intensity: H180 V2  
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 136.6, 104.9, 117.0, 117.9

Longitudinal Classification: Very Short  
Measurement Flux: 4751.7 lm  
Downward Ratio: 88%  
Luminaire Efficacy Rating (LER): 122.61  
Max. Intensity: 1291.76 cd

Picture Of Luminaire



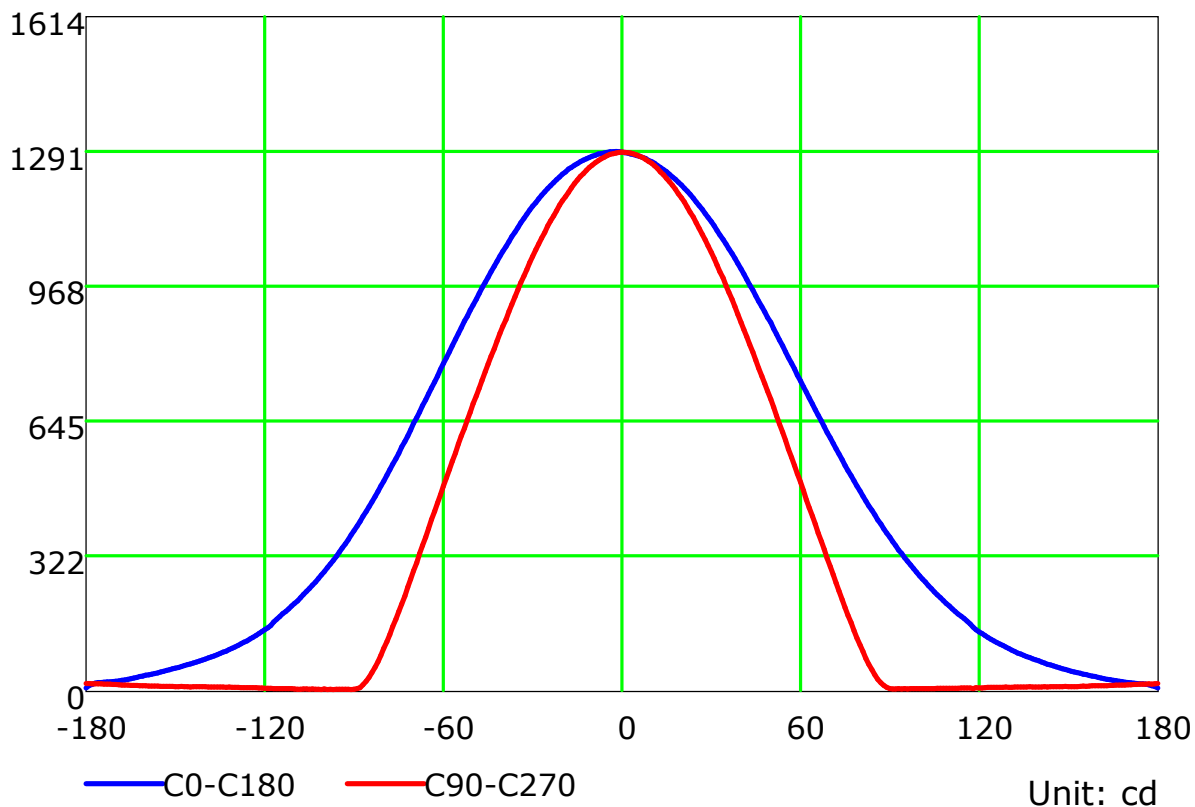
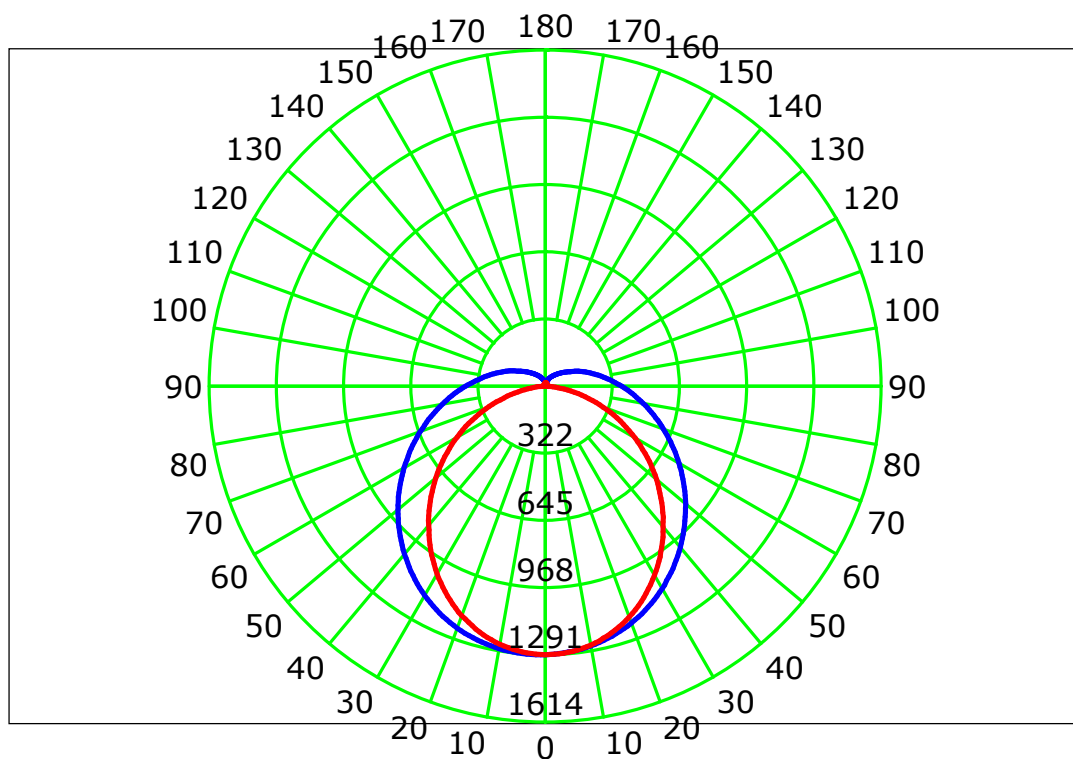
Luminous Intensity Distribution Curve



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:

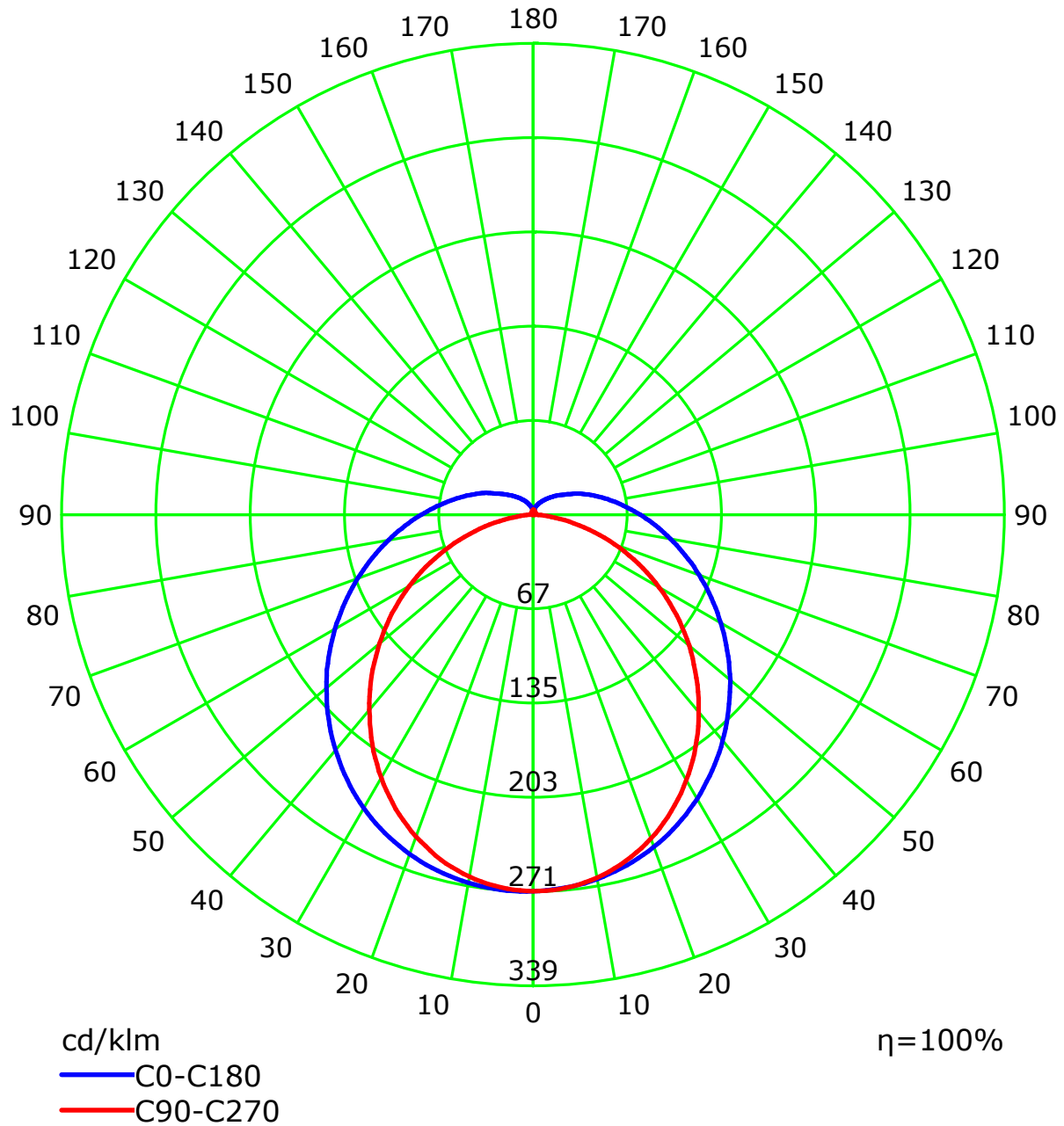
## Luminous Intensity Distribution Curve



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:

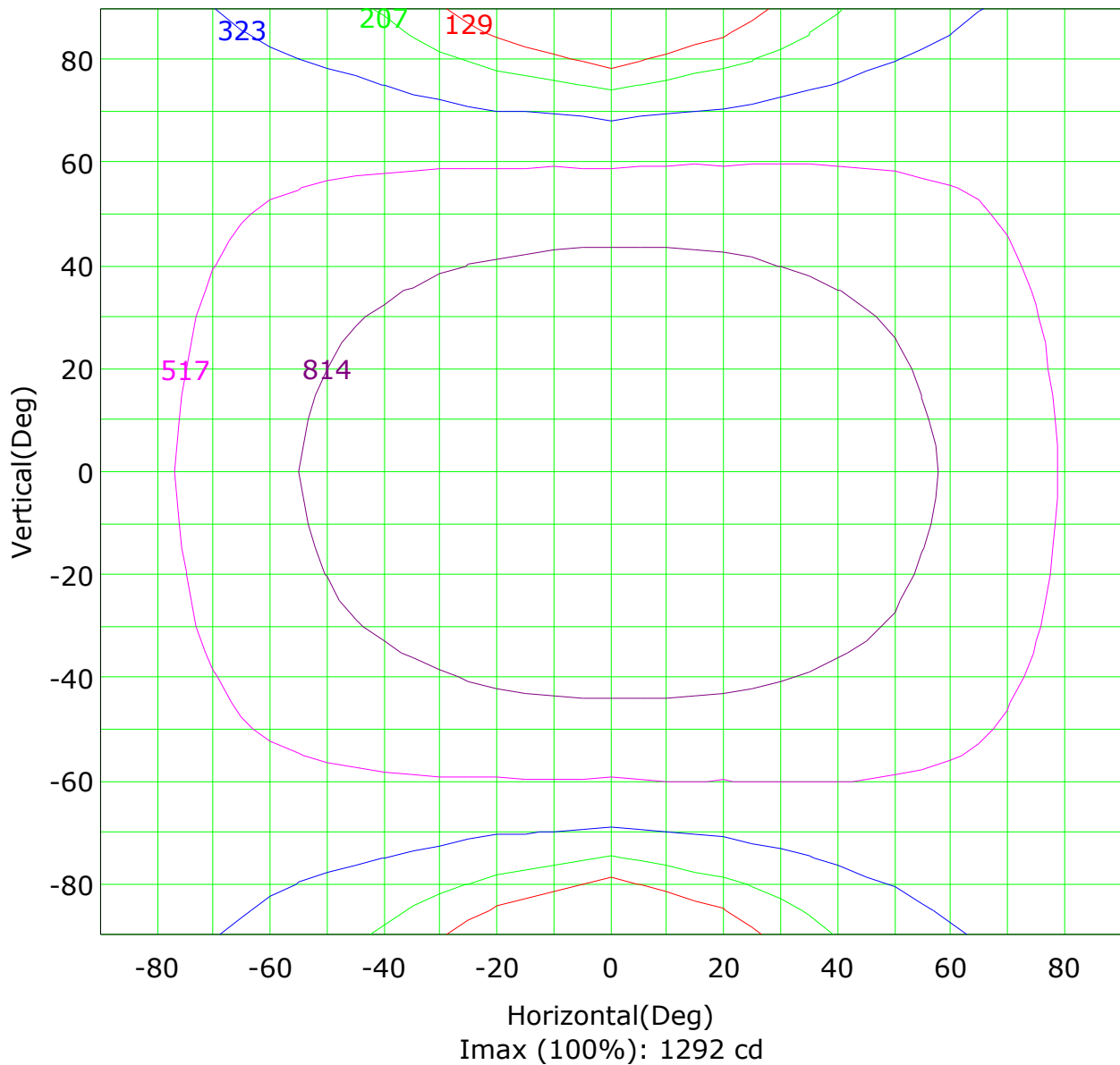
## Luminous Intensity Distribution Curve(cd/klm)



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:

## Isocandela (rectangle)

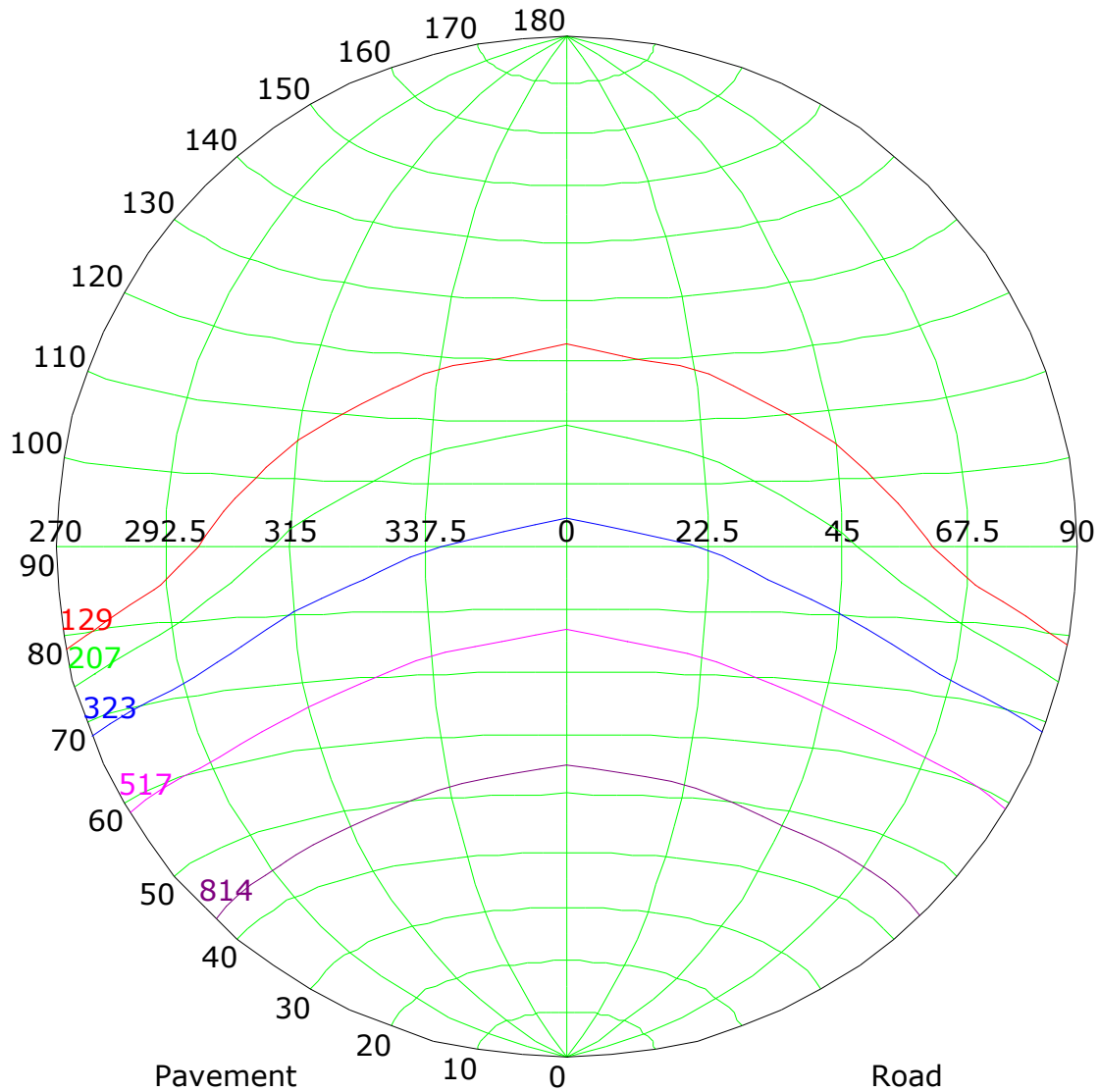


( 10%): 129 cd	( 16%): 207 cd
( 25%): 323 cd	( 40%): 517 cd
( 63%): 814 cd	(100%): 1292 cd

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:

## Isocandela (sphere)



Imax (100%): 1292 cd

( 10%): 129 cd  
( 25%): 323 cd  
( 63%): 814 cd

( 16%): 207 cd  
( 40%): 517 cd  
(100%): 1292 cd

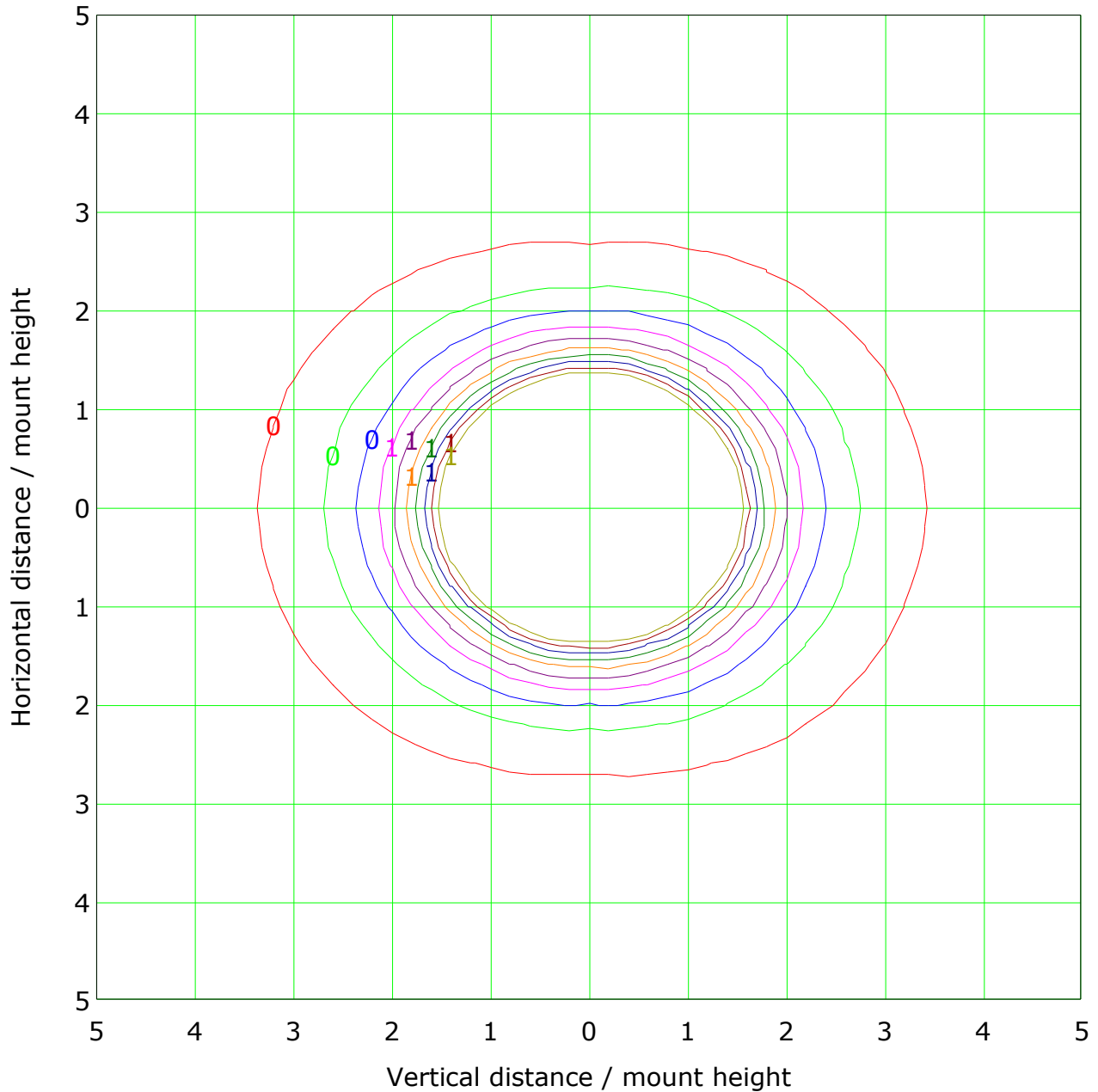
CIE: narrow - short  
CIE: Non-cut-off luminaire  
Max.At90: 80.682 cd/klm

IES: Non-cut-off  
Max.At80: 105.735 cd/klm  
Max.80-90: 105.735 cd/klm

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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:

## IsoLux Plot



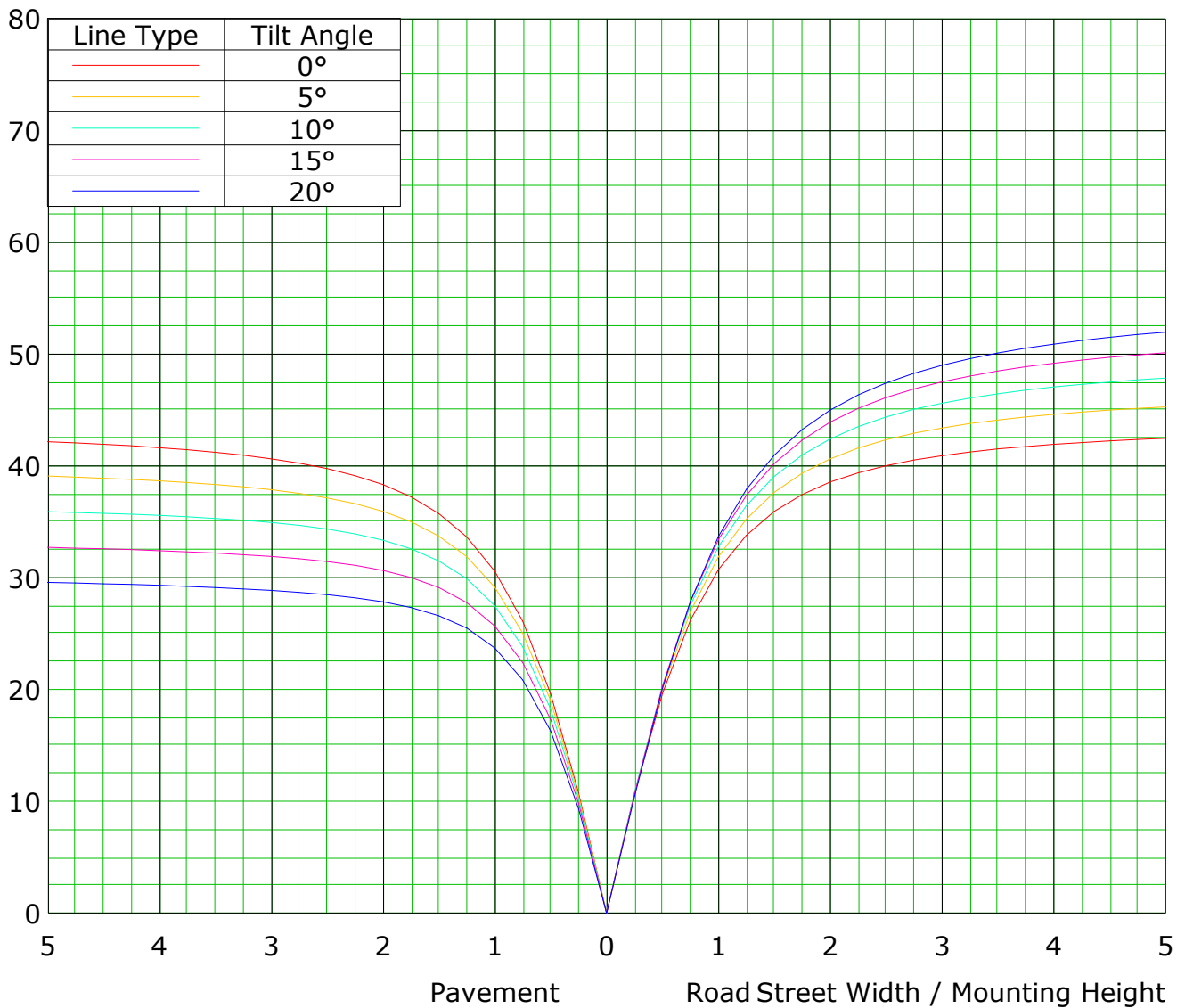
Mounting Height: 10.0m    Max Lux(100%): 12.9 lx	
( 1%): 0.1 lx	( 2%): 0.3 lx
( 3%): 0.4 lx	( 4%): 0.5 lx
( 5%): 0.6 lx	( 6%): 0.8 lx
( 7%): 0.9 lx	( 8%): 1.0 lx
( 9%): 1.2 lx	(10%): 1.3 lx

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Test Lab:  
Test Type: TYPE C  
Temperature: 25.1 'C  
Operator:

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

## Roadway CU Curve

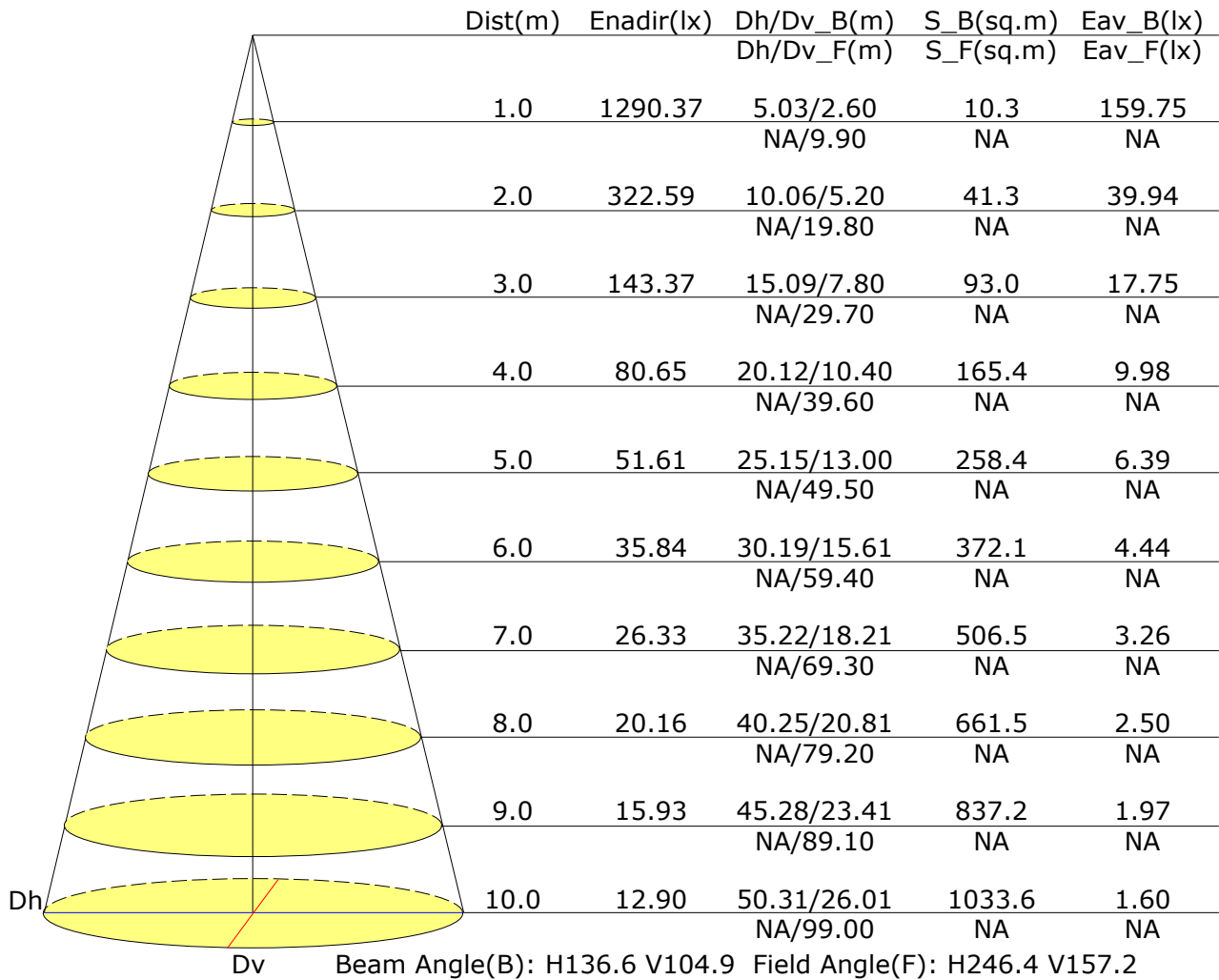
Efficiency(%)



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

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

## Illuminance at a Distance

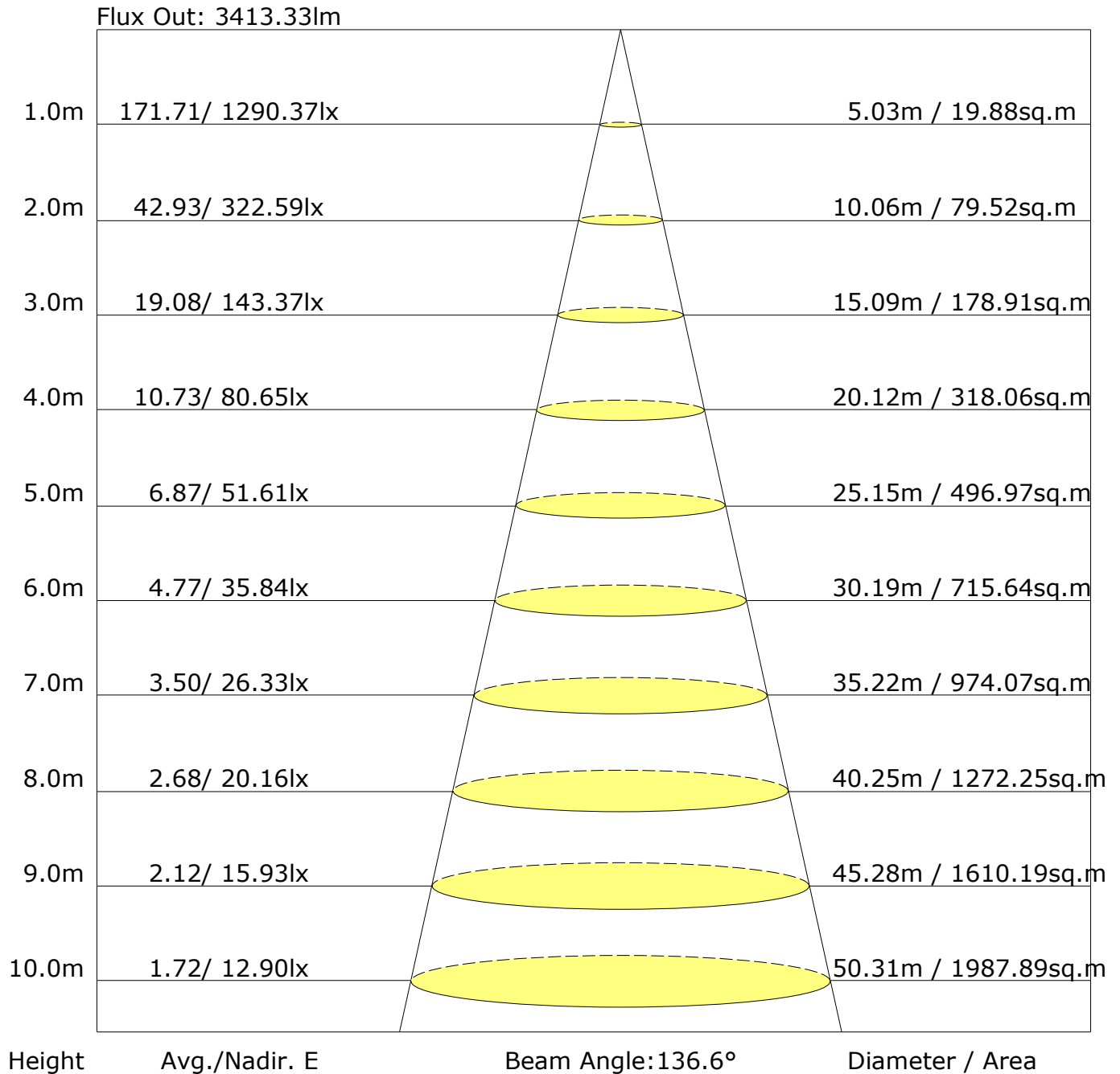


C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.1 'C  
Operator:

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



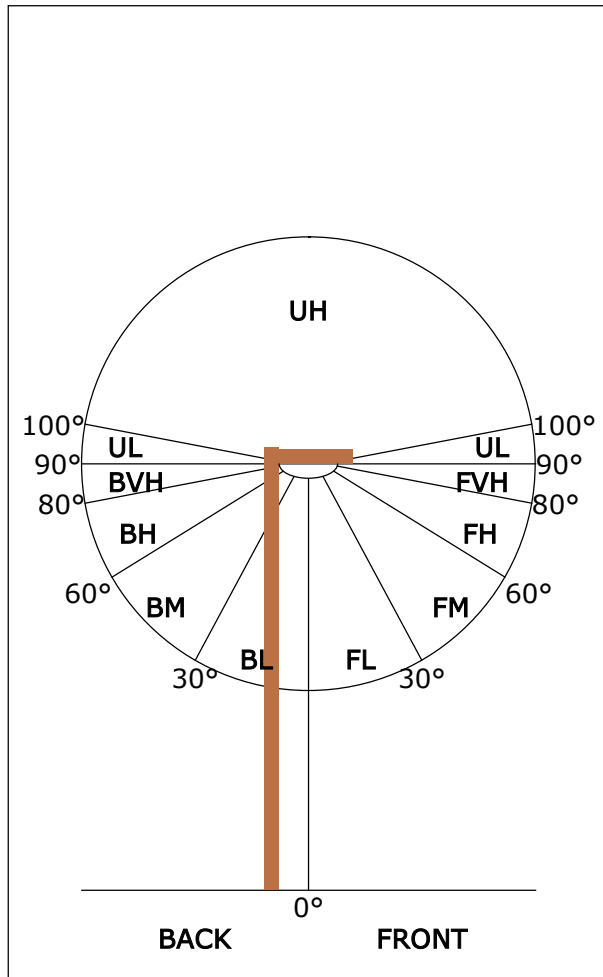
## The Average Illuminance Effective Figure



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

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

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	2102	44.2
FL ( 0°-30°)	501	10.6
FM (30°-60°)	981	20.6
FH (60°-80°)	478	10.1
FVH (80°-90°)	142	3.0
BACK LIGHT	2085	43.9
BL ( 0°-30°)	500	10.5
BM (30°-60°)	973	20.5
BH (60°-80°)	472	9.9
BVH (80°-90°)	140	2.9
UP LIGHT	564	11.9
UL (90°-100°)	196	4.1
UH (100°-180°)	368	7.7
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U3 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U3 G1

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

## Zonal Lumen

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1290.2	1.2	1.2	0.03	0.03
1.0-2.0	1289.7	3.7	4.9	0.08	0.10
2.0-3.0	1288.7	6.2	11.1	0.13	0.23
3.0-4.0	1287.4	8.6	19.7	0.18	0.42
4.0-5.0	1285.6	11.1	30.8	0.23	0.65
5.0-6.0	1283.3	13.5	44.3	0.28	0.93
6.0-7.0	1280.5	15.9	60.2	0.33	1.27
7.0-8.0	1277.3	18.3	78.4	0.38	1.65
8.0-9.0	1273.6	20.6	99.1	0.43	2.09
9.0-10.0	1269.6	23.0	122.1	0.48	2.57
10.0-11.0	1265.0	25.3	147.4	0.53	3.10
11.0-12.0	1259.9	27.5	174.9	0.58	3.68
12.0-13.0	1254.2	29.8	204.7	0.63	4.31
13.0-14.0	1248.2	32.0	236.6	0.67	4.98
14.0-15.0	1241.9	34.1	270.7	0.72	5.70
15.0-16.0	1235.2	36.2	306.9	0.76	6.46
16.0-17.0	1228.1	38.2	345.2	0.80	7.26
17.0-18.0	1220.4	40.2	385.4	0.85	8.11
18.0-19.0	1212.3	42.2	427.6	0.89	9.00
19.0-20.0	1203.8	44.1	471.7	0.93	9.93
20.0-21.0	1195.1	45.9	517.6	0.97	10.89
21.0-22.0	1185.9	47.7	565.2	1.00	11.89
22.0-23.0	1176.1	49.4	614.6	1.04	12.93
23.0-24.0	1165.9	51.0	665.6	1.07	14.01
24.0-25.0	1155.6	52.6	718.1	1.11	15.11
25.0-26.0	1144.8	54.0	772.2	1.14	16.25
26.0-27.0	1133.6	55.5	827.6	1.17	17.42
27.0-28.0	1122.2	56.8	884.4	1.20	18.61
28.0-29.0	1110.3	58.1	942.5	1.22	19.84
29.0-30.0	1097.9	59.3	1001.8	1.25	21.08
30.0-31.0	1085.4	60.4	1062.2	1.27	22.35
31.0-32.0	1072.7	61.5	1123.7	1.29	23.65
32.0-33.0	1059.3	62.4	1186.1	1.31	24.96
33.0-34.0	1045.9	63.3	1249.4	1.33	26.29
34.0-35.0	1032.2	64.1	1313.5	1.35	27.64
35.0-36.0	1018.1	64.8	1378.4	1.36	29.01

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 Inspector:

## Zonal Lumen (Continue 1)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	1003.8	65.5	1443.8	1.38	30.39
37.0-38.0	989.3	66.0	1509.9	1.39	31.78
38.0-39.0	974.6	66.5	1576.4	1.40	33.18
39.0-40.0	959.6	66.9	1643.3	1.41	34.58
40.0-41.0	944.6	67.3	1710.6	1.42	36.00
41.0-42.0	929.5	67.5	1778.2	1.42	37.42
42.0-43.0	914.0	67.7	1845.9	1.43	38.85
43.0-44.0	898.3	67.8	1913.7	1.43	40.27
44.0-45.0	882.5	67.8	1981.5	1.43	41.70
45.0-46.0	866.7	67.8	2049.3	1.43	43.13
46.0-47.0	850.7	67.7	2117.0	1.42	44.55
47.0-48.0	834.6	67.5	2184.5	1.42	45.97
48.0-49.0	818.5	67.2	2251.7	1.41	47.39
49.0-50.0	802.4	66.9	2318.6	1.41	48.79
50.0-51.0	786.2	66.5	2385.1	1.40	50.19
51.0-52.0	769.7	66.1	2451.2	1.39	51.58
52.0-53.0	753.1	65.5	2516.7	1.38	52.96
53.0-54.0	736.4	64.9	2581.6	1.37	54.33
54.0-55.0	719.8	64.3	2645.9	1.35	55.68
55.0-56.0	703.1	63.5	2709.4	1.34	57.02
56.0-57.0	686.1	62.7	2772.1	1.32	58.34
57.0-58.0	669.4	61.9	2834.1	1.30	59.64
58.0-59.0	652.8	61.0	2895.1	1.28	60.93
59.0-60.0	636.3	60.1	2955.2	1.27	62.19
60.0-61.0	619.6	59.1	3014.3	1.24	63.44
61.0-62.0	602.7	58.1	3072.4	1.22	64.66
62.0-63.0	586.1	57.0	3129.4	1.20	65.86
63.0-64.0	569.7	55.9	3185.4	1.18	67.04
64.0-65.0	553.3	54.8	3240.1	1.15	68.19
65.0-66.0	536.9	53.6	3293.7	1.13	69.32
66.0-67.0	520.4	52.3	3346.0	1.10	70.42
67.0-68.0	504.2	51.1	3397.1	1.08	71.49
68.0-69.0	487.9	49.8	3446.9	1.05	72.54
69.0-70.0	471.8	48.5	3495.4	1.02	73.56
70.0-71.0	455.9	47.1	3542.5	0.99	74.55
71.0-72.0	440.2	45.8	3588.3	0.96	75.51

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 Humidity:  
 Inspector:

## Zonal Lumen (Continue 2)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	425.0	44.5	3632.7	0.94	76.45
73.0-74.0	409.8	43.1	3675.8	0.91	77.36
74.0-75.0	394.6	41.7	3717.5	0.88	78.23
75.0-76.0	379.8	40.3	3757.8	0.85	79.08
76.0-77.0	365.5	39.0	3796.8	0.82	79.90
77.0-78.0	351.3	37.6	3834.4	0.79	80.69
78.0-79.0	337.4	36.3	3870.7	0.76	81.46
79.0-80.0	323.8	34.9	3905.6	0.73	82.19
80.0-81.0	310.6	33.6	3939.2	0.71	82.90
81.0-82.0	297.5	32.3	3971.4	0.68	83.58
82.0-83.0	285.0	31.0	4002.4	0.65	84.23
83.0-84.0	273.1	29.8	4032.2	0.63	84.86
84.0-85.0	261.5	28.5	4060.7	0.60	85.46
85.0-86.0	250.7	27.4	4088.1	0.58	86.03
86.0-87.0	240.4	26.3	4114.4	0.55	86.59
87.0-88.0	230.7	25.3	4139.7	0.53	87.12
88.0-89.0	222.1	24.3	4164.1	0.51	87.63
89.0-90.0	214.6	23.5	4187.6	0.50	88.13
90.0-91.0	207.5	22.8	4210.4	0.48	88.61
91.0-92.0	200.8	22.0	4232.4	0.46	89.07
92.0-93.0	194.5	21.3	4253.7	0.45	89.52
93.0-94.0	188.4	20.6	4274.3	0.43	89.95
94.0-95.0	182.4	19.9	4294.2	0.42	90.37
95.0-96.0	176.5	19.3	4313.5	0.41	90.78
96.0-97.0	170.6	18.6	4332.1	0.39	91.17
97.0-98.0	165.0	17.9	4350.0	0.38	91.55
98.0-99.0	159.5	17.3	4367.3	0.36	91.91
99.0-100.0	154.2	16.7	4384.0	0.35	92.26
100.0-101.0	149.1	16.1	4400.1	0.34	92.60
101.0-102.0	144.3	15.5	4415.6	0.33	92.93
102.0-103.0	139.6	14.9	4430.5	0.31	93.24
103.0-104.0	135.0	14.4	4444.9	0.30	93.54
104.0-105.0	130.6	13.9	4458.8	0.29	93.84
105.0-106.0	126.4	13.4	4472.2	0.28	94.12
106.0-107.0	122.2	12.8	4485.0	0.27	94.39
107.0-108.0	118.1	12.3	4497.4	0.26	94.65

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 Humidity:  
 Inspector:

## Zonal Lumen (Continue 3)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	114.1	11.9	4509.2	0.25	94.90
109.0-110.0	110.1	11.4	4520.6	0.24	95.14
110.0-111.0	105.8	10.9	4531.5	0.23	95.36
111.0-112.0	101.7	10.4	4541.8	0.22	95.58
112.0-113.0	98.1	9.9	4551.8	0.21	95.79
113.0-114.0	94.8	9.5	4561.3	0.20	95.99
114.0-115.0	91.7	9.1	4570.5	0.19	96.18
115.0-116.0	88.3	8.7	4579.2	0.18	96.37
116.0-117.0	84.9	8.3	4587.5	0.18	96.54
117.0-118.0	81.8	8.0	4595.5	0.17	96.71
118.0-119.0	79.1	7.6	4603.1	0.16	96.87
119.0-120.0	76.5	7.3	4610.4	0.15	97.03
120.0-121.0	74.3	7.0	4617.4	0.15	97.17
121.0-122.0	72.2	6.8	4624.2	0.14	97.32
122.0-123.0	70.2	6.5	4630.7	0.14	97.45
123.0-124.0	68.2	6.2	4636.9	0.13	97.58
124.0-125.0	66.2	6.0	4642.9	0.13	97.71
125.0-126.0	64.3	5.7	4648.6	0.12	97.83
126.0-127.0	62.5	5.5	4654.1	0.12	97.95
127.0-128.0	60.8	5.3	4659.4	0.11	98.06
128.0-129.0	59.2	5.1	4664.5	0.11	98.16
129.0-130.0	57.5	4.9	4669.4	0.10	98.27
130.0-131.0	55.9	4.7	4674.0	0.10	98.36
131.0-132.0	54.4	4.5	4678.5	0.09	98.46
132.0-133.0	52.8	4.3	4682.8	0.09	98.55
133.0-134.0	51.5	4.1	4686.9	0.09	98.63
134.0-135.0	50.1	3.9	4690.8	0.08	98.72
135.0-136.0	48.7	3.7	4694.5	0.08	98.80
136.0-137.0	47.4	3.6	4698.1	0.08	98.87
137.0-138.0	46.1	3.4	4701.5	0.07	98.94
138.0-139.0	44.9	3.3	4704.8	0.07	99.01
139.0-140.0	43.7	3.1	4707.9	0.07	99.08
140.0-141.0	42.5	3.0	4710.9	0.06	99.14
141.0-142.0	41.3	2.8	4713.7	0.06	99.20
142.0-143.0	40.1	2.7	4716.3	0.06	99.26
143.0-144.0	39.0	2.5	4718.9	0.05	99.31

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

## Zonal Lumen (Continue 4)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	37.9	2.4	4721.3	0.05	99.36
145.0-146.0	36.8	2.3	4723.6	0.05	99.41
146.0-147.0	35.8	2.2	4725.8	0.05	99.45
147.0-148.0	34.7	2.0	4727.8	0.04	99.50
148.0-149.0	33.6	1.9	4729.7	0.04	99.54
149.0-150.0	32.6	1.8	4731.5	0.04	99.57
150.0-151.0	31.6	1.7	4733.3	0.04	99.61
151.0-152.0	30.6	1.6	4734.9	0.03	99.64
152.0-153.0	29.6	1.5	4736.4	0.03	99.68
153.0-154.0	28.8	1.4	4737.8	0.03	99.71
154.0-155.0	28.0	1.3	4739.1	0.03	99.73
155.0-156.0	27.1	1.2	4740.3	0.03	99.76
156.0-157.0	26.4	1.2	4741.5	0.02	99.78
157.0-158.0	25.6	1.1	4742.5	0.02	99.81
158.0-159.0	24.8	1.0	4743.5	0.02	99.83
159.0-160.0	23.9	0.9	4744.5	0.02	99.85
160.0-161.0	23.2	0.8	4745.3	0.02	99.86
161.0-162.0	22.4	0.8	4746.1	0.02	99.88
162.0-163.0	21.6	0.7	4746.8	0.01	99.90
163.0-164.0	20.8	0.6	4747.4	0.01	99.91
164.0-165.0	20.1	0.6	4748.0	0.01	99.92
165.0-166.0	19.4	0.5	4748.6	0.01	99.93
166.0-167.0	18.7	0.5	4749.0	0.01	99.94
167.0-168.0	18.2	0.4	4749.5	0.01	99.95
168.0-169.0	17.7	0.4	4749.9	0.01	99.96
169.0-170.0	17.3	0.3	4750.2	0.01	99.97
170.0-171.0	16.8	0.3	4750.5	0.01	99.97
171.0-172.0	16.5	0.3	4750.8	0.01	99.98
172.0-173.0	16.2	0.2	4751.0	0.00	99.98
173.0-174.0	16.0	0.2	4751.2	0.00	99.99
174.0-175.0	15.7	0.2	4751.4	0.00	99.99
175.0-176.0	15.5	0.1	4751.5	0.00	100.00
176.0-177.0	15.3	0.1	4751.6	0.00	100.00
177.0-178.0	15.1	0.1	4751.7	0.00	100.00
178.0-179.0	15.2	0.0	4751.7	0.00	100.00
179.0-180.0	15.3	0.0	4751.7	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°): 1981.52 lm

%lum = 41.7%

%lamp = 41.7%

cone flux(120°): 2955.21 lm

%lum = 62.2%

%lamp = 62.2%



## 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	1290.4	1290.4	1290.4	1290.4	1290.4	1290.4	1290.4	1290.4	1290.4	1290.4
G1.0	1289.1	1289.2	1289.3	1290.0	1289.7	1291.1	1289.8	1291.3	1291.1	1291.1
G2.0	1288.5	1288.0	1287.5	1288.8	1289.1	1291.3	1290.4	1291.5	1291.8	1291.3
G3.0	1286.0	1286.8	1286.1	1287.4	1288.1	1289.9	1289.4	1291.1	1291.0	1291.4
G4.0	1284.3	1285.1	1284.3	1285.3	1286.2	1288.0	1288.3	1290.7	1291.2	1290.9
G5.0	1282.4	1282.3	1281.4	1283.1	1284.0	1286.4	1287.0	1289.5	1290.1	1289.2
G6.0	1280.8	1278.9	1278.7	1279.8	1281.0	1283.4	1284.6	1288.0	1288.6	1287.8
G7.0	1277.6	1277.1	1276.1	1275.7	1277.5	1279.8	1281.4	1286.5	1286.9	1285.7
G8.0	1275.4	1274.0	1271.9	1271.2	1273.0	1276.1	1278.2	1283.9	1285.8	1284.1
G9.0	1270.8	1270.3	1267.5	1266.4	1268.6	1271.4	1274.6	1281.3	1283.1	1281.4
G10.0	1267.9	1266.3	1263.2	1261.2	1263.4	1266.6	1270.7	1278.6	1280.8	1278.3
G11.0	1263.7	1261.4	1257.7	1256.5	1257.9	1261.9	1266.1	1274.4	1277.7	1275.1
G12.0	1258.1	1256.1	1252.5	1249.6	1251.6	1255.7	1262.0	1270.4	1274.6	1271.4
G13.0	1253.9	1251.4	1245.3	1243.4	1243.1	1249.4	1256.0	1266.7	1271.2	1266.1
G14.0	1248.7	1245.6	1238.8	1235.7	1236.3	1242.3	1250.4	1261.5	1267.5	1262.4
G15.0	1243.5	1239.1	1232.1	1228.2	1228.1	1235.0	1244.4	1256.5	1263.1	1257.9
G16.0	1237.8	1232.2	1224.9	1220.2	1219.8	1227.2	1238.3	1251.3	1259.0	1252.1
G17.0	1231.0	1226.2	1217.6	1211.8	1210.5	1218.8	1230.3	1246.4	1254.1	1247.4
G18.0	1225.4	1218.6	1209.7	1202.1	1201.8	1209.8	1223.7	1239.9	1249.7	1241.0
G19.0	1218.7	1211.4	1199.9	1191.7	1191.2	1201.5	1214.5	1233.8	1243.4	1234.5
G20.0	1211.4	1203.8	1190.5	1181.5	1180.9	1189.7	1206.8	1227.3	1237.6	1227.2
G21.0	1204.0	1196.1	1181.1	1171.1	1170.8	1180.1	1197.8	1220.5	1231.2	1220.6
G22.0	1196.7	1187.9	1171.1	1160.0	1158.6	1170.0	1188.2	1212.1	1224.7	1213.6
G23.0	1189.0	1179.2	1161.1	1149.3	1146.2	1159.2	1179.2	1203.2	1217.5	1205.6
G24.0	1179.9	1170.0	1150.8	1137.3	1134.5	1148.2	1169.1	1195.3	1210.4	1196.7
G25.0	1171.3	1160.6	1140.2	1124.6	1120.8	1136.2	1159.5	1187.4	1203.1	1188.4
G26.0	1162.5	1151.2	1128.0	1111.5	1107.7	1123.4	1147.9	1178.2	1195.5	1179.6
G27.0	1153.4	1141.4	1116.6	1098.4	1093.8	1110.9	1137.1	1169.0	1187.2	1170.9
G28.0	1143.3	1131.2	1104.3	1084.0	1080.1	1097.9	1126.3	1160.6	1178.8	1161.9
G29.0	1134.0	1120.9	1091.6	1070.1	1065.5	1085.1	1114.1	1150.5	1169.6	1150.2
G30.0	1124.4	1109.4	1078.5	1055.8	1050.6	1070.4	1102.7	1139.0	1160.8	1139.9
G31.0	1114.4	1098.3	1066.0	1041.3	1035.6	1056.9	1090.6	1129.1	1151.5	1129.2
G32.0	1102.5	1086.8	1053.4	1026.2	1020.0	1042.8	1076.6	1118.2	1141.7	1118.9
G33.0	1091.9	1074.8	1038.4	1010.0	1003.8	1027.4	1063.9	1107.7	1131.5	1107.7
G34.0	1081.0	1063.9	1024.8	995.5	989.0	1011.7	1051.2	1096.5	1121.3	1096.7
G35.0	1070.1	1051.5	1011.0	979.5	970.5	995.8	1038.1	1084.9	1109.7	1084.5
G36.0	1058.6	1039.5	996.8	962.7	954.4	980.2	1024.9	1073.6	1098.9	1072.3

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	1047.1	1025.3	981.3	947.0	937.4	963.5	1011.3	1061.0	1088.0	1060.0
G38.0	1035.6	1012.6	966.3	931.6	919.8	949.1	997.5	1049.2	1075.8	1047.1
G39.0	1023.5	999.8	952.5	914.3	901.4	931.3	982.8	1036.4	1064.3	1034.3
G40.0	1010.8	987.2	936.4	897.4	882.4	914.4	967.9	1024.3	1053.0	1021.5
G41.0	998.5	974.0	920.9	882.3	864.7	895.1	954.0	1011.0	1041.3	1008.4
G42.0	985.5	959.4	904.7	864.8	848.2	879.1	938.9	997.8	1029.3	994.9
G43.0	972.6	945.8	888.6	848.1	829.6	862.5	923.4	984.3	1016.6	980.7
G44.0	959.9	931.9	871.4	832.9	811.1	844.3	908.3	971.3	1003.5	965.7
G45.0	946.4	918.5	856.4	815.6	791.9	826.0	891.0	957.1	990.7	951.8
G46.0	932.9	903.8	840.9	797.8	773.1	807.4	874.9	943.7	978.3	937.7
G47.0	920.1	889.7	824.0	779.3	753.7	789.3	860.2	929.6	965.3	923.6
G48.0	907.7	877.7	808.1	762.8	736.0	769.9	844.9	914.6	951.7	908.5
G49.0	894.3	861.8	791.8	746.0	717.6	751.8	828.0	900.1	937.4	892.4
G50.0	882.2	849.3	775.0	728.5	698.6	733.1	810.6	886.1	923.7	879.3
G51.0	867.4	832.9	757.2	711.8	679.3	714.5	794.1	871.6	911.4	864.3
G52.0	853.8	818.3	741.0	694.5	658.9	696.4	775.8	858.9	896.9	851.9
G53.0	840.3	804.0	725.4	675.9	639.6	678.8	759.0	843.2	885.4	833.9
G54.0	826.5	789.4	709.1	657.9	619.7	659.5	742.7	828.0	869.1	818.9
G55.0	811.6	774.8	693.6	639.7	600.4	641.7	726.5	812.4	855.7	804.2
G56.0	798.2	758.1	676.3	621.6	578.9	623.0	710.3	797.5	841.7	789.6
G57.0	784.6	743.5	660.7	602.4	559.2	605.4	692.6	782.7	826.5	773.2
G58.0	771.2	729.2	645.2	581.5	539.5	588.2	675.9	766.7	811.9	758.4
G59.0	755.9	715.0	630.0	563.3	519.7	570.2	660.1	751.6	798.3	744.0
G60.0	742.5	700.3	614.3	544.2	499.7	551.5	644.2	736.9	783.8	728.6
G61.0	728.2	684.8	597.8	525.4	479.9	532.2	627.9	722.4	769.4	714.2
G62.0	715.2	670.1	582.6	504.9	457.8	513.7	610.4	707.6	753.9	699.0
G63.0	701.1	655.8	567.6	486.1	438.2	495.7	593.9	692.3	739.8	684.3
G64.0	686.7	641.3	552.6	468.0	418.6	475.3	578.4	675.8	725.5	669.7
G65.0	673.4	625.7	536.5	449.7	399.2	457.0	563.2	661.8	711.5	655.4
G66.0	660.4	612.7	521.9	430.6	378.0	438.6	547.7	647.2	697.2	640.5
G67.0	646.4	598.3	506.6	412.1	357.9	419.3	531.9	632.0	682.8	624.5
G68.0	632.6	584.0	491.8	394.8	338.5	400.8	515.2	615.9	667.7	610.5
G69.0	618.3	570.1	476.3	375.1	317.4	381.6	500.3	601.5	654.1	596.4
G70.0	605.3	554.7	462.6	357.6	297.4	364.6	483.6	586.7	640.5	582.5
G71.0	592.2	541.9	449.2	339.0	277.7	346.6	469.3	570.7	624.5	566.9
G72.0	579.8	527.6	434.4	322.8	258.5	330.8	455.0	556.3	610.5	553.0
G73.0	566.9	514.4	421.9	306.7	238.9	314.8	440.6	542.3	597.1	540.1

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	553.3	500.5	407.5	289.9	218.1	298.3	426.6	529.1	584.1	527.0
G75.0	539.8	487.7	393.4	274.1	199.4	281.3	411.3	515.3	568.9	512.9
G76.0	527.1	473.8	379.0	258.9	180.8	265.8	397.7	501.5	555.6	499.1
G77.0	514.7	461.5	364.7	243.8	163.0	250.2	384.2	488.6	542.5	486.3
G78.0	503.1	448.3	351.2	230.1	143.9	234.8	371.0	476.6	529.7	473.1
G79.0	490.6	436.4	338.1	216.2	126.3	220.5	356.7	464.2	516.4	458.9
G80.0	478.5	423.9	325.8	201.5	109.7	206.2	344.5	451.2	502.4	446.4
G81.0	465.7	411.4	312.7	188.1	93.6	192.3	331.6	439.7	490.2	433.9
G82.0	454.5	400.1	300.7	173.3	77.5	177.7	318.9	428.3	477.5	421.3
G83.0	442.8	388.9	289.2	161.0	63.4	165.1	307.0	416.8	465.5	409.5
G84.0	432.0	379.1	277.5	148.6	50.6	153.4	296.4	406.0	452.5	396.2
G85.0	421.2	367.6	267.4	136.5	37.8	142.0	286.1	395.3	440.6	384.7
G86.0	409.0	358.3	257.4	125.5	27.3	133.1	276.1	385.0	429.0	373.4
G87.0	399.0	347.7	247.0	114.3	19.0	122.8	267.6	374.5	417.4	361.3
G88.0	387.5	338.2	237.7	105.4	12.3	114.7	259.5	363.4	405.4	351.2
G89.0	377.9	328.8	229.2	96.9	7.7	108.5	251.4	353.2	394.6	341.2
G90.0	367.5	321.1	221.5	91.3	4.9	103.2	243.2	343.2	383.4	331.5
G91.0	357.4	313.0	214.3	87.0	3.9	98.3	234.3	332.8	373.0	321.8
G92.0	347.7	302.9	207.2	83.1	4.3	93.5	226.4	322.4	361.6	312.1
G93.0	337.5	294.1	199.8	79.5	4.7	89.7	218.9	312.7	351.5	303.5
G94.0	328.5	285.1	192.7	75.5	3.9	85.1	210.9	303.4	341.7	295.2
G95.0	319.0	276.0	185.6	71.6	5.0	80.7	203.8	294.8	332.0	286.9
G96.0	310.1	268.5	179.9	67.5	4.4	76.6	196.5	285.1	321.6	278.7
G97.0	300.7	260.1	173.6	64.4	4.9	72.9	189.8	277.0	312.1	271.2
G98.0	292.3	251.9	167.6	60.4	4.7	68.1	183.8	268.8	303.4	263.8
G99.0	284.3	244.1	162.0	56.6	4.8	64.7	177.0	260.3	295.2	255.9
G100.0	275.3	236.5	155.5	53.9	4.9	61.8	171.0	253.0	285.2	248.6
G101.0	267.3	228.9	150.7	50.7	5.3	58.8	165.5	245.4	277.0	241.9
G102.0	260.5	222.4	145.2	49.2	5.3	56.1	159.3	238.2	268.9	234.8
G103.0	252.1	215.1	139.9	46.1	4.7	53.6	153.9	231.1	260.7	228.0
G104.0	244.6	208.8	135.4	44.7	5.3	51.3	148.8	223.2	252.4	221.0
G105.0	236.7	202.2	130.9	42.8	4.8	49.0	143.8	216.4	245.3	214.3
G106.0	229.7	196.1	125.6	41.0	5.8	46.8	138.7	209.7	237.9	207.7
G107.0	222.7	190.2	121.3	39.3	5.5	44.3	133.7	203.5	230.5	200.4
G108.0	216.1	184.7	117.2	37.3	5.6	42.1	129.2	197.2	222.8	194.5
G109.0	209.3	179.3	112.9	35.4	5.8	39.9	124.6	191.4	215.5	188.3
G110.0	203.0	174.2	107.7	33.7	6.1	37.8	119.8	185.7	209.3	182.2

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	196.0	168.3	100.3	32.1	5.7	36.6	111.2	179.4	202.7	176.2
G112.0	190.1	163.0	95.4	31.1	5.9	35.1	105.9	173.9	196.0	170.6
G113.0	183.8	157.6	90.3	30.2	5.8	34.5	100.5	167.6	190.1	165.2
G114.0	178.3	153.1	87.0	29.7	6.2	34.0	96.5	162.8	184.6	159.9
G115.0	173.3	147.3	83.8	29.1	6.3	33.1	93.0	156.2	177.9	152.8
G116.0	167.1	140.2	81.7	28.2	6.4	32.9	89.8	148.3	171.4	145.4
G117.0	159.6	133.9	78.8	27.4	6.5	32.1	87.1	141.8	164.7	139.5
G118.0	152.5	128.6	76.7	27.0	5.2	31.8	84.7	136.8	156.4	134.2
G119.0	146.3	123.5	74.5	26.7	7.1	31.0	81.9	131.9	150.8	129.3
G120.0	141.1	119.6	72.3	26.4	6.4	30.6	79.2	127.1	146.2	125.1
G121.0	137.0	115.6	69.7	26.0	6.8	30.6	77.2	124.0	141.3	121.1
G122.0	132.2	112.1	67.7	25.5	7.1	29.8	75.1	120.2	136.8	117.3
G123.0	127.4	108.7	65.9	25.2	7.7	29.4	72.6	116.1	132.5	113.8
G124.0	123.1	105.1	63.6	24.6	7.9	29.2	70.8	112.6	128.1	109.9
G125.0	119.0	101.5	61.9	24.0	7.9	28.5	68.8	109.4	124.2	106.8
G126.0	115.2	98.4	60.1	24.0	8.3	28.4	66.9	106.5	119.3	103.1
G127.0	111.5	95.6	58.5	23.5	8.3	28.0	65.3	102.8	115.9	100.0
G128.0	108.5	92.4	57.0	23.6	8.3	27.5	63.5	99.6	112.4	96.5
G129.0	104.3	89.7	55.4	23.1	8.5	27.6	62.0	96.4	108.3	93.7
G130.0	100.5	86.4	53.5	23.0	8.2	27.2	60.5	92.6	104.7	90.8
G131.0	97.0	84.0	52.3	22.4	8.4	27.0	59.0	90.3	101.8	88.1
G132.0	93.8	80.8	50.7	22.1	8.5	26.3	57.6	87.0	98.2	85.2
G133.0	90.2	78.4	49.7	22.0	8.7	25.7	56.7	84.5	95.0	82.6
G134.0	87.5	76.0	48.5	22.0	8.5	25.4	54.9	82.0	92.1	80.5
G135.0	84.7	73.7	47.1	21.2	9.0	24.8	53.7	79.0	89.0	77.6
G136.0	81.7	70.9	45.7	20.9	9.1	24.8	52.5	77.1	86.2	75.7
G137.0	79.3	68.9	44.0	20.8	9.3	24.3	51.5	74.5	83.5	73.5
G138.0	76.1	66.9	43.5	20.2	9.1	24.1	50.1	72.1	80.7	71.2
G139.0	73.7	64.4	42.2	20.1	8.5	23.9	48.9	70.3	78.4	69.0
G140.0	71.6	62.7	41.0	20.0	8.9	23.6	47.9	68.0	75.7	66.6
G141.0	68.7	60.4	39.8	19.5	9.1	23.2	46.2	66.3	73.3	64.9
G142.0	66.0	58.6	38.9	18.9	9.3	23.1	45.6	64.0	71.0	63.0
G143.0	63.6	56.7	37.9	18.3	9.1	22.6	43.8	61.7	68.7	60.8
G144.0	61.5	55.3	37.0	18.1	9.4	22.3	42.8	60.0	66.3	59.3
G145.0	59.3	52.9	36.1	17.6	9.6	22.6	41.8	58.3	64.2	57.6
G146.0	57.5	51.2	34.5	17.2	9.5	21.7	40.7	56.6	62.2	55.7
G147.0	55.1	49.7	33.4	17.4	9.8	21.4	39.6	54.6	60.5	53.5

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	52.8	47.6	32.1	16.8	9.7	21.0	38.5	52.8	58.0	51.8
G149.0	51.1	45.5	30.6	16.6	10.2	21.0	37.4	50.9	56.0	50.5
G150.0	48.9	44.5	29.1	16.6	9.9	20.7	36.7	49.1	54.3	48.2
G151.0	46.6	43.1	28.1	16.2	9.7	20.6	35.6	47.4	52.4	46.7
G152.0	44.8	41.1	27.0	15.2	9.9	20.1	34.4	46.2	50.3	44.9
G153.0	43.2	39.5	25.7	15.1	10.0	20.3	33.7	44.4	48.5	43.7
G154.0	41.8	38.1	24.7	14.8	10.7	20.1	32.8	42.8	46.5	42.1
G155.0	39.8	36.6	24.1	14.9	10.8	19.8	31.4	41.0	44.8	40.4
G156.0	38.5	35.0	23.4	15.0	10.7	19.6	30.3	40.1	42.8	39.1
G157.0	36.7	33.5	22.9	15.1	11.0	19.5	30.0	38.3	40.9	37.8
G158.0	34.9	31.6	22.0	14.7	11.6	19.5	28.8	37.0	39.8	36.6
G159.0	34.0	30.1	21.2	14.4	11.5	19.1	27.7	35.5	38.0	35.4
G160.0	31.6	28.9	20.6	13.7	11.9	19.1	26.9	33.8	36.9	33.9
G161.0	30.4	27.6	19.6	13.6	12.0	19.2	25.7	32.1	35.0	32.6
G162.0	29.0	26.4	18.8	13.4	11.6	19.0	25.0	31.1	34.0	30.7
G163.0	27.5	24.4	18.1	13.2	12.0	18.7	24.3	29.9	31.8	29.5
G164.0	26.7	22.8	17.5	13.0	12.4	18.4	23.0	28.5	30.6	28.3
G165.0	24.6	21.3	16.6	13.0	13.0	17.4	22.7	26.7	28.5	26.6
G166.0	23.8	20.1	15.3	12.7	13.1	17.1	22.2	25.5	27.5	25.9
G167.0	22.7	18.4	15.1	13.1	13.3	17.2	21.4	24.2	25.6	24.6
G168.0	21.9	16.9	14.6	13.1	13.4	17.3	20.4	23.3	24.8	24.2
G169.0	20.5	15.9	14.7	13.1	13.6	17.3	19.9	22.6	23.7	23.1
G170.0	19.5	15.3	14.0	13.5	14.2	17.3	18.6	21.8	22.9	22.3
G171.0	18.7	14.2	13.5	13.0	14.3	16.9	18.2	20.8	21.9	21.5
G172.0	18.2	13.3	14.0	13.0	14.8	17.0	17.6	20.2	21.1	20.8
G173.0	17.4	12.3	13.6	13.2	14.8	16.5	17.8	19.9	20.8	20.2
G174.0	16.8	11.5	13.3	13.5	15.7	15.6	17.7	19.4	19.9	18.0
G175.0	16.5	12.3	13.4	14.4	16.0	15.2	17.2	17.3	19.7	16.4
G176.0	15.8	12.3	13.2	15.0	15.8	14.4	16.7	16.0	19.4	15.7
G177.0	14.5	12.5	14.3	15.3	16.2	14.7	15.5	15.1	18.4	15.8
G178.0	12.2	13.9	15.7	16.4	16.0	15.0	14.7	13.6	14.9	14.3
G179.0	10.2	15.5	16.7	16.2	16.5	16.2	15.5	13.5	12.4	14.4
G180.0	6.7	16.4	16.6	17.1	17.0	16.2	16.9	15.5	6.7	16.0

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	1290.4	1290.4	1290.4	1290.4	1290.4	1290.4	1290.4			
G1.0	1289.7	1290.7	1289.8	1290.0	1289.1	1289.7	1289.1			
G2.0	1289.2	1289.9	1288.1	1288.7	1287.2	1288.0	1288.5			
G3.0	1288.8	1288.6	1286.9	1287.1	1285.7	1285.7	1286.0			
G4.0	1287.6	1287.0	1284.9	1284.7	1283.6	1284.3	1284.3			
G5.0	1285.8	1284.8	1281.9	1282.4	1281.5	1282.0	1282.4			
G6.0	1283.4	1281.2	1278.3	1279.0	1278.7	1278.9	1280.8			
G7.0	1280.5	1278.8	1274.4	1275.1	1275.4	1276.0	1277.6			
G8.0	1277.3	1273.7	1270.2	1270.7	1271.1	1272.9	1275.4			
G9.0	1274.3	1270.4	1264.9	1266.0	1266.4	1269.7	1270.8			
G10.0	1269.2	1265.8	1259.5	1259.9	1261.5	1265.6	1267.9			
G11.0	1265.0	1259.7	1253.5	1253.7	1256.3	1260.8	1263.7			
G12.0	1260.4	1254.1	1246.5	1247.0	1249.4	1255.5	1258.1			
G13.0	1254.4	1247.2	1239.5	1239.8	1243.3	1249.3	1253.9			
G14.0	1248.8	1241.4	1232.4	1232.3	1236.1	1243.2	1248.7			
G15.0	1242.7	1232.8	1223.7	1225.0	1229.2	1237.1	1243.5			
G16.0	1235.8	1226.2	1215.4	1216.5	1222.2	1230.7	1237.8			
G17.0	1228.5	1216.2	1204.4	1207.1	1214.4	1224.9	1231.0			
G18.0	1220.7	1207.2	1194.0	1197.8	1205.8	1217.6	1225.4			
G19.0	1211.7	1198.1	1183.8	1188.0	1197.1	1209.7	1218.7			
G20.0	1204.7	1188.5	1174.0	1178.5	1187.9	1202.0	1211.4			
G21.0	1195.1	1178.1	1163.1	1167.9	1178.3	1194.0	1204.0			
G22.0	1186.8	1167.3	1150.1	1156.9	1168.8	1185.8	1196.7			
G23.0	1175.8	1154.6	1137.8	1143.5	1158.4	1177.0	1189.0			
G24.0	1165.8	1142.8	1125.9	1132.0	1146.5	1168.4	1179.9			
G25.0	1155.5	1131.5	1113.4	1119.9	1135.8	1157.7	1171.3			
G26.0	1144.6	1118.7	1098.4	1107.7	1124.7	1148.9	1162.5			
G27.0	1133.4	1105.0	1084.1	1093.6	1112.7	1139.0	1153.4			
G28.0	1122.5	1091.5	1070.7	1080.8	1100.4	1129.3	1143.3			
G29.0	1110.1	1077.2	1056.4	1066.2	1088.2	1116.6	1134.0			
G30.0	1097.3	1062.6	1040.9	1052.3	1075.6	1105.4	1124.4			
G31.0	1085.7	1047.7	1025.8	1037.9	1063.1	1093.9	1114.4			
G32.0	1072.4	1033.0	1009.0	1023.8	1049.5	1083.3	1102.5			
G33.0	1059.3	1015.6	993.7	1006.8	1034.9	1071.4	1091.9			
G34.0	1046.0	1000.3	977.9	991.7	1021.3	1060.1	1081.0			
G35.0	1032.0	984.5	961.0	976.3	1006.7	1046.5	1070.1			
G36.0	1018.2	967.4	943.8	959.8	992.7	1033.6	1058.6			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	1002.4	951.6	925.3	943.8	978.1	1021.7	1047.1			
G38.0	988.4	934.5	908.5	926.3	962.3	1008.9	1035.6			
G39.0	973.4	917.5	889.4	909.0	948.0	995.6	1023.5			
G40.0	958.2	900.9	873.2	891.1	932.6	981.3	1010.8			
G41.0	942.5	885.0	856.6	874.5	916.9	967.9	998.5			
G42.0	926.8	868.5	838.2	858.6	901.1	954.5	985.5			
G43.0	909.4	851.6	818.9	838.9	885.9	941.1	972.6			
G44.0	893.8	835.4	801.1	821.2	868.6	925.9	959.9			
G45.0	877.2	818.7	782.6	804.1	854.6	912.3	946.4			
G46.0	861.3	802.6	764.2	786.0	837.7	897.3	932.9			
G47.0	844.2	786.0	743.9	767.1	821.8	884.8	920.1			
G48.0	826.7	767.2	724.7	748.9	805.3	870.5	907.7			
G49.0	810.7	750.8	706.2	731.7	789.0	857.1	894.3			
G50.0	794.2	733.7	687.4	713.6	772.8	842.3	882.2			
G51.0	777.5	716.2	666.9	696.2	756.9	828.4	867.4			
G52.0	759.5	696.3	648.6	676.3	741.4	814.5	853.8			
G53.0	743.0	677.6	628.8	658.4	724.1	799.9	840.3			
G54.0	726.2	658.9	610.0	640.2	708.0	784.4	826.5			
G55.0	710.0	640.5	590.8	622.1	691.8	770.4	811.6			
G56.0	693.2	619.8	569.3	601.6	676.6	756.1	798.2			
G57.0	676.9	600.5	549.6	583.5	660.0	742.1	784.6			
G58.0	661.0	580.9	530.0	565.0	644.4	727.4	771.2			
G59.0	645.4	562.2	510.3	547.3	628.9	711.8	755.9			
G60.0	629.8	542.3	489.9	528.9	612.8	697.2	742.5			
G61.0	613.1	522.9	468.8	511.5	597.6	683.4	728.2			
G62.0	598.3	502.5	449.6	492.5	580.9	668.7	715.2			
G63.0	583.6	483.4	429.9	475.0	565.8	654.9	701.1			
G64.0	568.4	464.1	409.9	457.2	550.9	640.9	686.7			
G65.0	552.0	445.6	388.3	439.7	535.5	627.5	673.4			
G66.0	537.0	425.5	367.5	420.2	520.0	613.7	660.4			
G67.0	521.4	407.5	347.9	402.9	504.4	599.8	646.4			
G68.0	506.7	390.7	328.5	385.6	490.1	585.1	632.6			
G69.0	489.3	372.0	306.7	368.3	475.6	571.2	618.3			
G70.0	474.0	355.6	287.3	349.7	461.7	558.2	605.3			
G71.0	458.8	339.1	267.7	332.3	446.2	543.6	592.2			
G72.0	443.2	322.9	248.0	314.8	432.3	530.4	579.8			
G73.0	428.3	307.1	226.5	298.5	419.1	517.3	566.9			

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 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	412.1	289.6	207.7	281.0	405.2	504.4	553.3			
G75.0	398.7	274.4	189.7	265.9	390.5	490.6	539.8			
G76.0	384.8	258.6	171.1	250.9	377.9	477.4	527.1			
G77.0	372.0	243.8	153.4	236.7	365.3	464.5	514.7			
G78.0	357.9	227.4	134.3	221.6	352.9	451.9	503.1			
G79.0	345.8	213.1	117.5	207.9	340.1	439.2	490.6			
G80.0	334.6	199.5	101.5	195.0	328.0	425.6	478.5			
G81.0	321.9	186.1	84.4	181.8	316.4	413.6	465.7			
G82.0	311.3	171.5	69.6	167.9	304.9	401.7	454.5			
G83.0	299.8	158.9	56.0	157.0	293.8	390.1	442.8			
G84.0	288.9	147.0	43.0	144.3	281.4	377.3	432.0			
G85.0	277.3	136.5	31.8	133.4	270.5	366.4	421.2			
G86.0	265.7	126.4	22.8	122.6	259.9	355.8	409.0			
G87.0	255.8	116.2	13.9	112.7	249.0	345.5	399.0			
G88.0	246.6	108.5	7.2	104.7	240.1	335.1	387.5			
G89.0	238.5	101.7	4.6	98.0	231.9	326.3	377.9			
G90.0	229.6	97.4	3.2	93.0	224.2	317.9	367.5			
G91.0	222.1	92.2	2.6	88.0	216.5	308.0	357.4			
G92.0	215.4	88.1	3.1	84.3	208.7	298.9	347.7			
G93.0	208.8	84.5	3.7	81.1	203.0	290.3	337.5			
G94.0	202.5	80.7	3.1	77.4	197.1	282.4	328.5			
G95.0	196.2	76.8	3.1	73.1	191.5	274.8	319.0			
G96.0	189.9	72.2	3.4	68.4	185.0	267.7	310.1			
G97.0	183.7	68.5	2.9	64.7	178.2	259.7	300.7			
G98.0	177.0	64.5	3.4	61.5	172.1	252.7	292.3			
G99.0	171.1	61.0	2.6	57.8	165.2	245.9	284.3			
G100.0	165.5	57.9	3.9	54.7	159.5	238.4	275.3			
G101.0	159.6	55.1	2.5	52.5	153.5	231.8	267.3			
G102.0	153.4	52.5	3.5	49.7	148.3	225.1	260.5			
G103.0	148.2	49.8	3.7	47.0	143.3	218.7	252.1			
G104.0	142.7	47.4	4.2	45.1	137.7	211.9	244.6			
G105.0	137.5	45.8	3.8	43.0	132.9	205.6	236.7			
G106.0	132.4	43.4	4.4	41.5	128.8	199.4	229.7			
G107.0	127.8	41.3	4.2	39.6	124.0	192.9	222.7			
G108.0	123.1	39.4	3.5	37.5	119.9	186.5	216.1			
G109.0	118.6	37.9	3.8	35.7	115.2	180.6	209.3			
G110.0	111.0	36.2	4.1	33.8	109.6	174.9	203.0			

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 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	105.0	34.6	4.7	32.3	102.9	168.5	196.0			
G112.0	100.0	33.3	5.0	31.2	98.1	163.2	190.1			
G113.0	94.9	32.8	4.8	30.8	93.4	158.2	183.8			
G114.0	91.0	32.3	5.1	29.6	89.5	153.0	178.3			
G115.0	88.2	31.9	5.3	29.3	86.3	147.1	173.3			
G116.0	86.0	31.4	4.9	28.9	83.7	139.4	167.1			
G117.0	83.0	30.7	5.0	28.2	80.4	133.5	159.6			
G118.0	80.7	30.3	6.0	28.4	78.2	129.1	152.5			
G119.0	78.4	29.7	5.6	27.6	75.9	123.4	146.3			
G120.0	76.7	29.3	5.8	27.1	73.4	119.4	141.1			
G121.0	73.9	29.1	6.6	26.9	71.1	115.6	137.0			
G122.0	72.0	28.5	6.6	26.1	69.2	112.0	132.2			
G123.0	70.5	28.3	6.9	25.8	67.2	108.7	127.4			
G124.0	67.8	27.4	7.1	25.5	65.3	105.9	123.1			
G125.0	66.5	26.9	7.2	25.5	63.0	102.6	119.0			
G126.0	64.4	27.2	7.6	24.9	61.6	99.1	115.2			
G127.0	62.8	26.5	7.3	24.1	59.7	96.3	111.5			
G128.0	61.2	26.5	7.5	23.9	58.2	93.0	108.5			
G129.0	60.2	26.3	8.3	23.4	56.7	90.0	104.3			
G130.0	58.4	25.6	8.3	23.3	55.6	86.9	100.5			
G131.0	57.2	25.8	7.8	23.2	54.0	84.3	97.0			
G132.0	55.6	25.1	8.6	22.6	52.5	81.9	93.8			
G133.0	54.3	25.0	8.3	22.6	51.3	78.9	90.2			
G134.0	53.6	24.8	8.8	22.3	49.6	76.6	87.5			
G135.0	51.7	24.2	8.8	22.2	48.7	73.9	84.7			
G136.0	50.7	24.0	8.9	21.4	47.3	71.4	81.7			
G137.0	49.8	23.9	8.9	21.0	46.0	69.3	79.3			
G138.0	48.6	23.7	8.9	20.8	44.9	67.0	76.1			
G139.0	46.8	23.2	8.7	20.7	43.3	64.8	73.7			
G140.0	45.9	23.6	9.3	19.8	42.5	62.9	71.6			
G141.0	44.5	22.9	9.5	18.9	41.1	60.7	68.7			
G142.0	43.5	22.6	9.3	19.0	39.8	59.3	66.0			
G143.0	42.1	22.5	9.3	18.6	39.0	57.1	63.6			
G144.0	41.0	21.7	9.9	18.2	38.2	54.6	61.5			
G145.0	39.9	21.2	9.2	17.5	37.0	53.2	59.3			
G146.0	39.3	21.2	9.5	16.9	35.6	51.3	57.5			
G147.0	38.3	21.0	9.9	17.2	34.3	49.3	55.1			

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	37.2	20.8	10.0	16.3	32.7	47.4	52.8			
G149.0	36.1	20.2	9.7	16.4	31.4	45.6	51.1			
G150.0	35.0	20.3	9.6	16.7	30.0	44.2	48.9			
G151.0	34.3	20.9	10.1	15.7	28.5	42.3	46.6			
G152.0	33.2	19.8	10.0	15.3	27.7	40.8	44.8			
G153.0	32.2	19.8	10.5	14.7	26.3	39.3	43.2			
G154.0	31.8	20.2	10.5	14.7	25.2	37.7	41.8			
G155.0	30.4	19.8	10.6	14.9	24.5	36.6	39.8			
G156.0	29.8	19.6	11.4	14.4	23.5	34.7	38.5			
G157.0	28.9	19.5	11.0	14.4	23.1	33.0	36.7			
G158.0	27.8	19.4	11.3	14.2	22.5	31.7	34.9			
G159.0	26.8	19.1	11.3	13.4	21.5	30.0	34.0			
G160.0	26.1	19.0	11.6	13.4	20.8	28.7	31.6			
G161.0	25.3	18.9	11.7	13.4	19.9	27.2	30.4			
G162.0	24.4	18.9	12.3	13.3	18.5	25.5	29.0			
G163.0	23.7	18.2	12.4	13.0	18.3	24.1	27.5			
G164.0	23.1	17.5	12.5	13.2	17.8	22.7	26.7			
G165.0	22.6	17.1	12.9	13.3	17.1	20.8	24.6			
G166.0	21.8	17.7	13.4	13.5	16.2	19.7	23.8			
G167.0	21.6	17.4	13.3	13.1	15.5	18.0	22.7			
G168.0	20.0	17.6	13.4	13.2	15.2	17.0	21.9			
G169.0	19.2	17.5	14.1	13.4	15.3	16.6	20.5			
G170.0	18.3	17.4	14.9	13.5	14.3	15.4	19.5			
G171.0	17.9	17.1	15.1	14.0	14.7	14.5	18.7			
G172.0	17.7	17.0	15.4	13.6	14.5	13.1	18.2			
G173.0	17.8	16.5	15.9	13.6	15.1	12.9	17.4			
G174.0	17.6	16.4	15.9	14.3	14.8	12.2	16.8			
G175.0	17.2	15.6	16.3	15.1	15.1	12.7	16.5			
G176.0	16.8	15.1	16.8	15.1	14.1	13.4	15.8			
G177.0	15.5	15.1	16.4	15.6	15.5	13.3	14.5			
G178.0	15.3	15.7	16.7	16.2	16.0	14.3	12.2			
G179.0	15.9	16.7	17.0	16.5	16.0	15.4	10.2			
G180.0	16.6	16.6	17.5	16.3	17.2	15.1	6.7			

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: