

Report No.:

Test Time: 2023/3/2 20:31

## Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.116 A  
Power Factor: 0.919

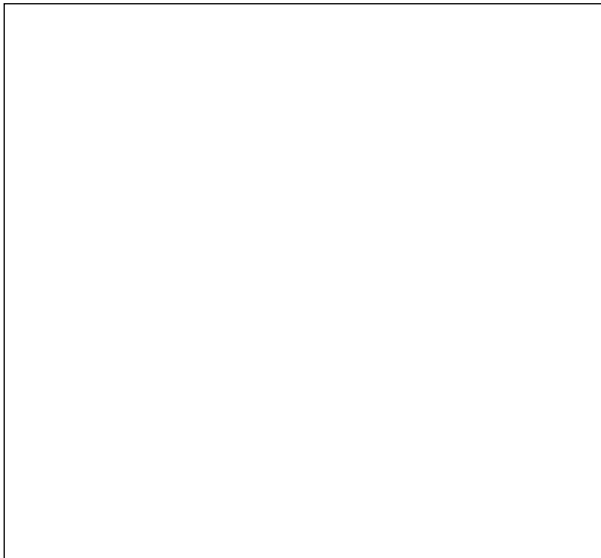
Luminaire Description:  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 277.0 V  
Power: 29.61 W

## Photometric Results

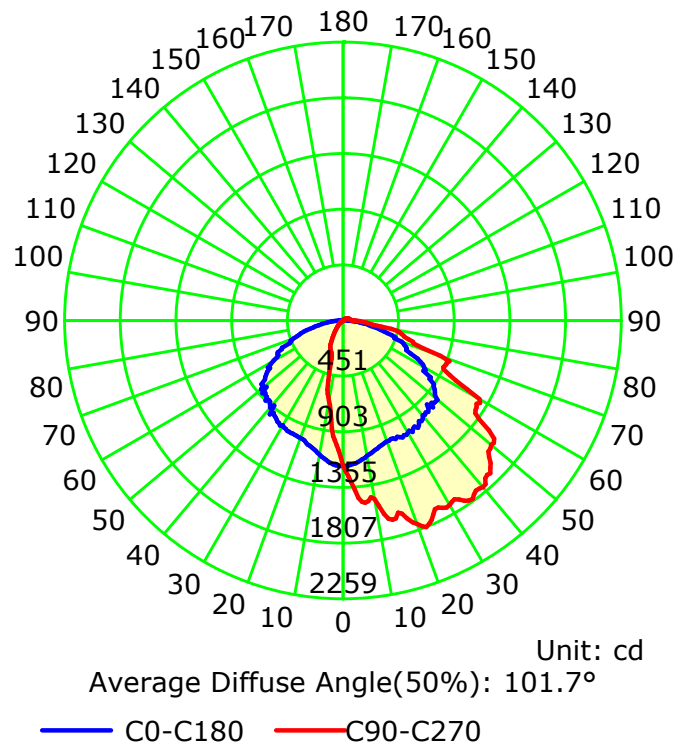
IES Classification: Type III  
Total Rated Lamp Lumens: 3698.8 lm  
Efficiency: 100%  
Upward Ratio: 3%  
C0r0 Intensity: 1180.47 cd  
Pos of Max. Intensity: H90 V22  
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 128.5, 74.9, 77.7, 78.2

Longitudinal Classification: Very Short  
Measurement Flux: 3698.8 lm  
Downward Ratio: 97%  
Luminaire Efficacy Rating (LER): 124.97  
Max. Intensity: 1807.85 cd

Picture Of Luminaire



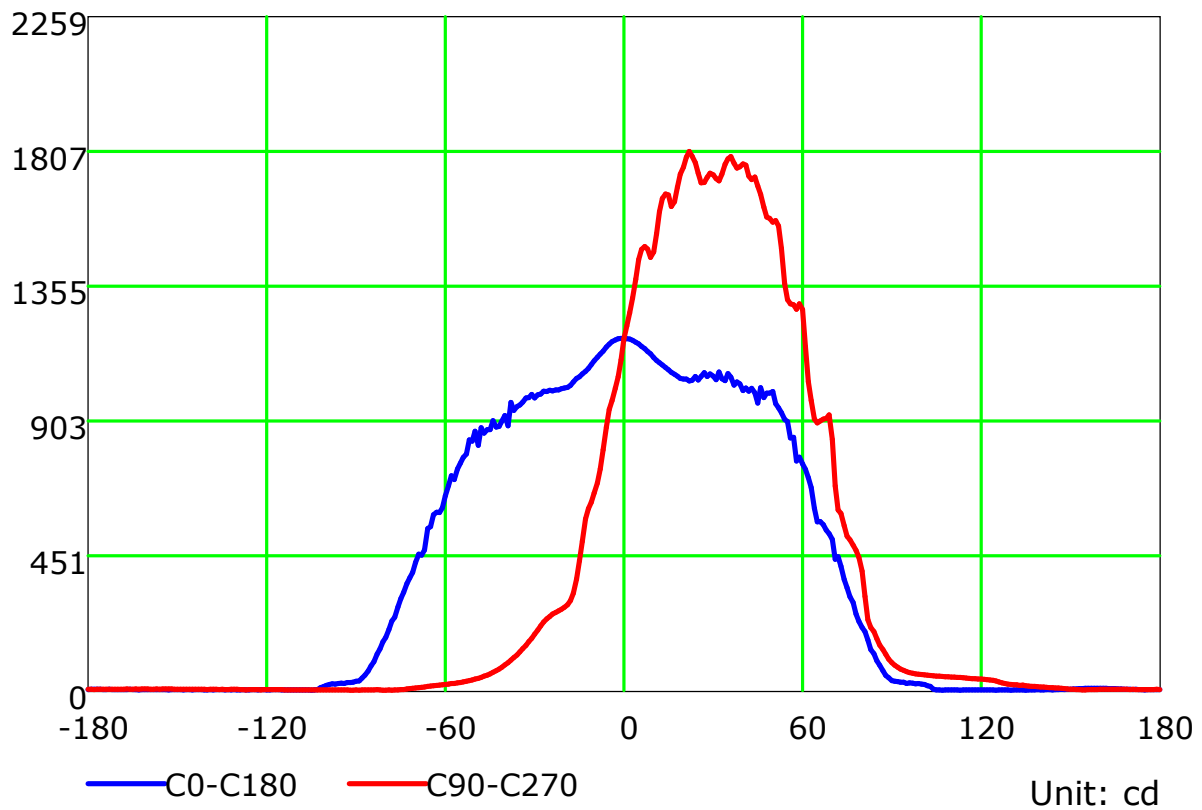
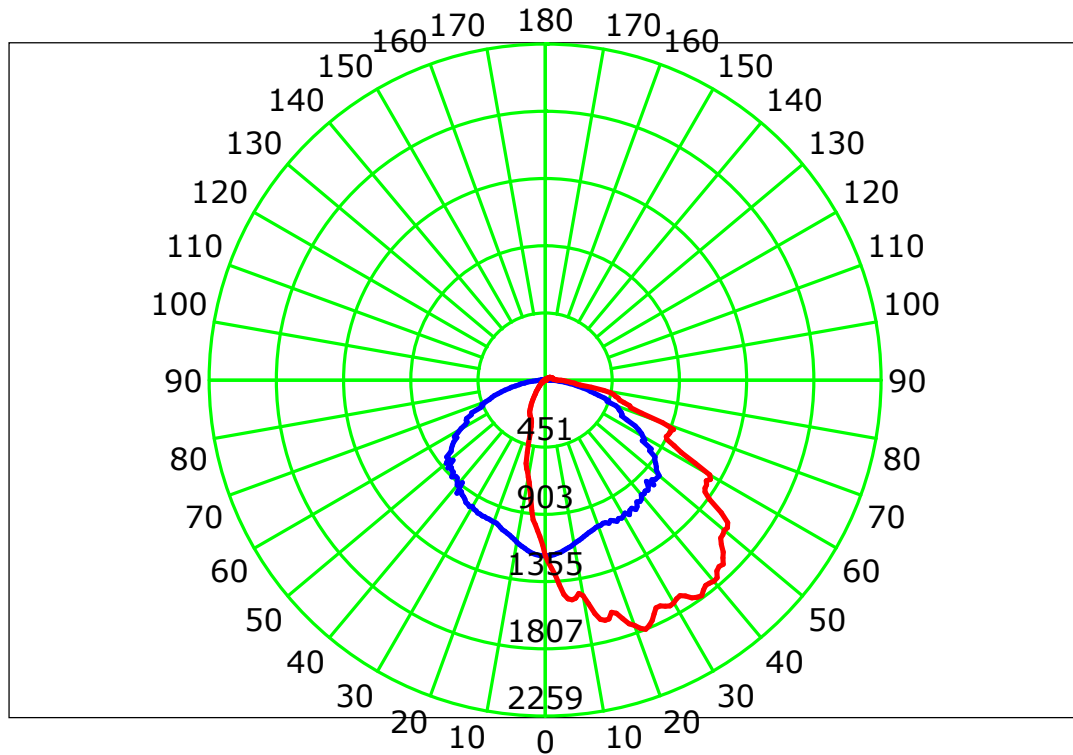
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 24.6 'C  
Operator:

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

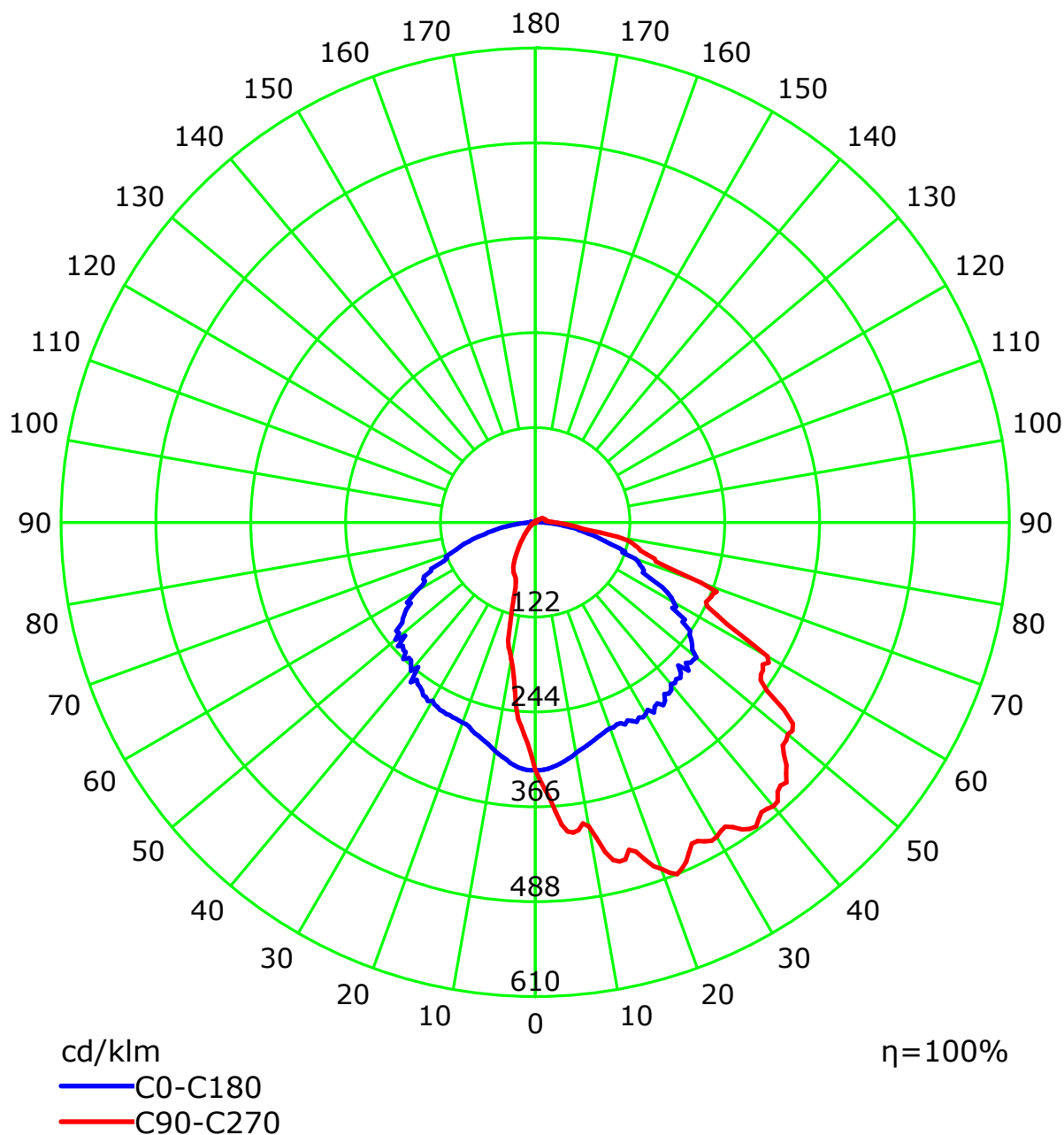
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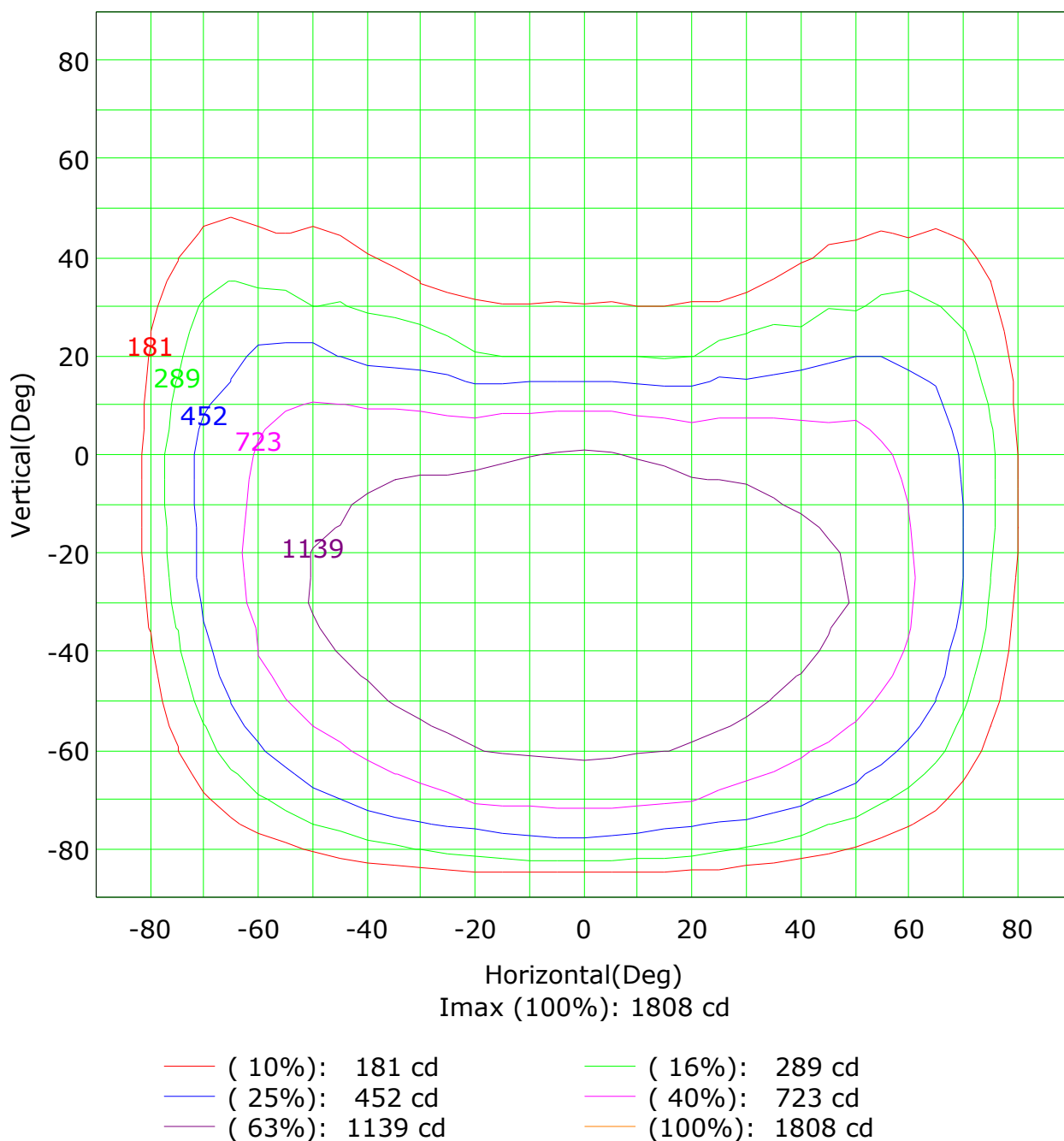
## Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 24.6 'C  
Operator:

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

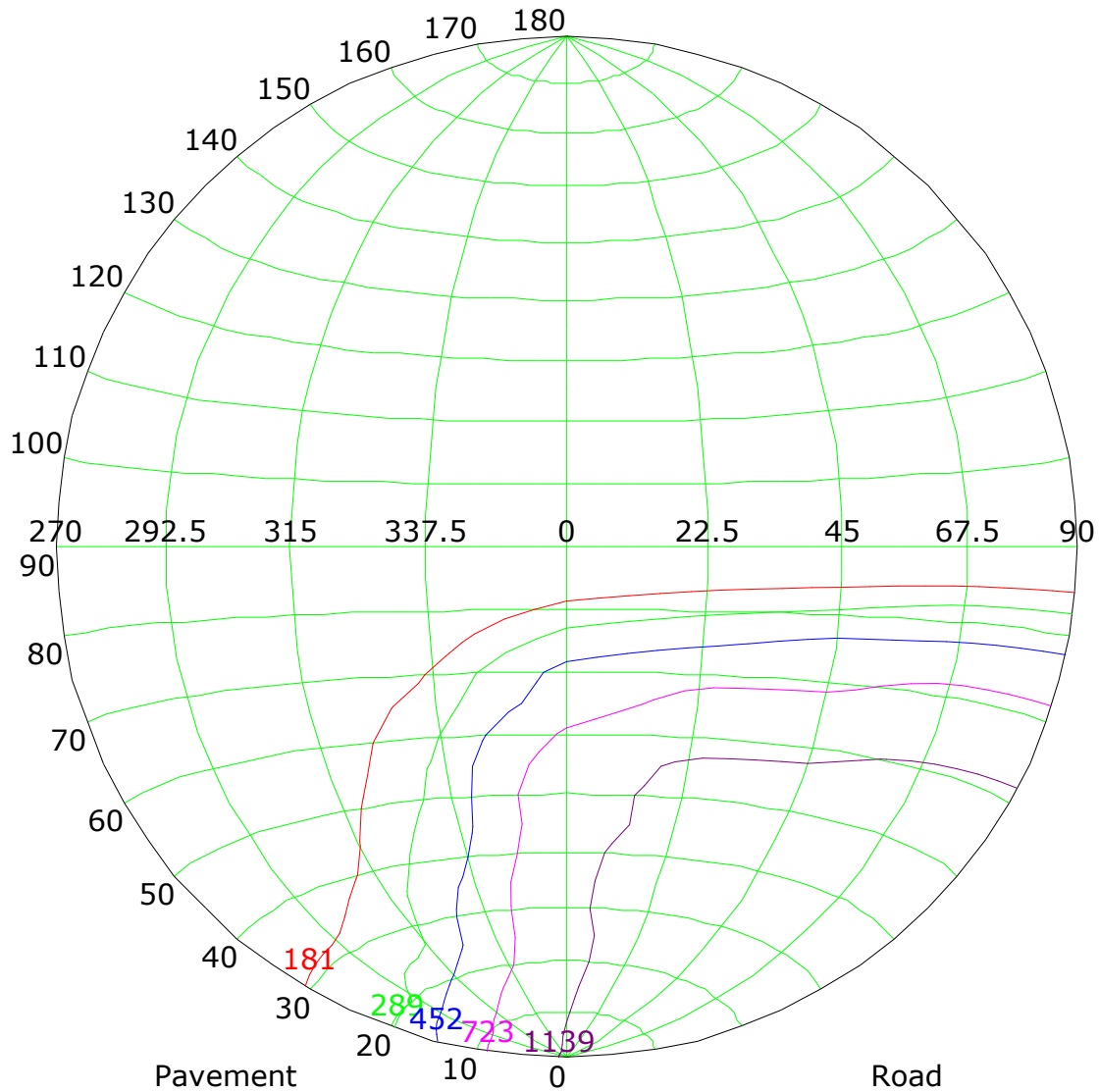
## Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 24.6 'C  
Operator:

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

## Isocandela (sphere)



Imax (100%): 1808 cd

— ( 10%): 181 cd  
— ( 25%): 452 cd  
— ( 63%): 1139 cd

— ( 16%): 289 cd  
— ( 40%): 723 cd  
— (100%): 1808 cd

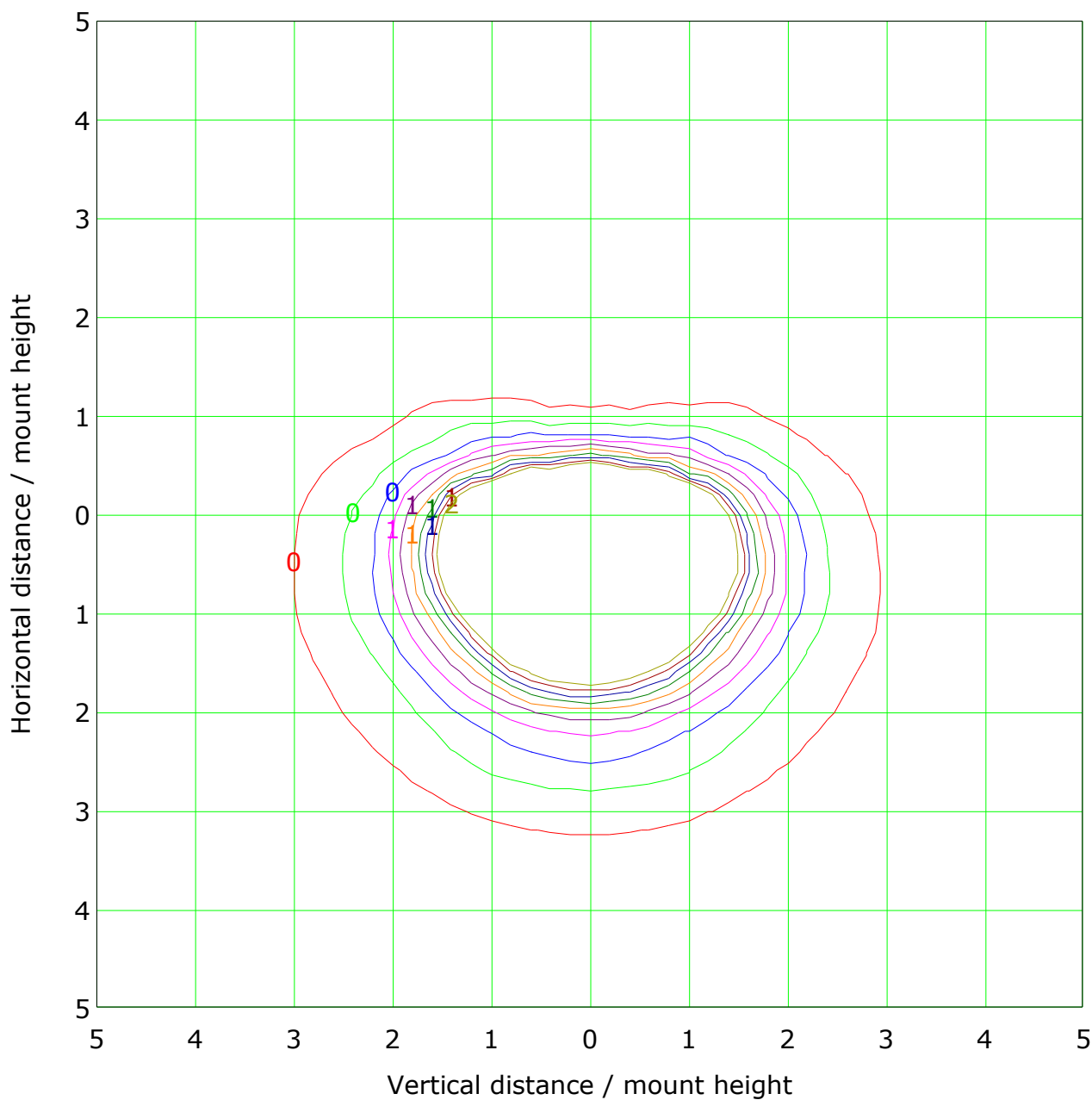
CIE: average - short  
CIE: Non-cut-off luminaire  
Max.At90: 25.484 cd/klm

IES: Semi-cut-off  
Max.At80: 108.299 cd/klm  
Max.80-90: 108.299 cd/klm

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Test Type: TYPE C  
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Operator:

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

## IsoLux Plot



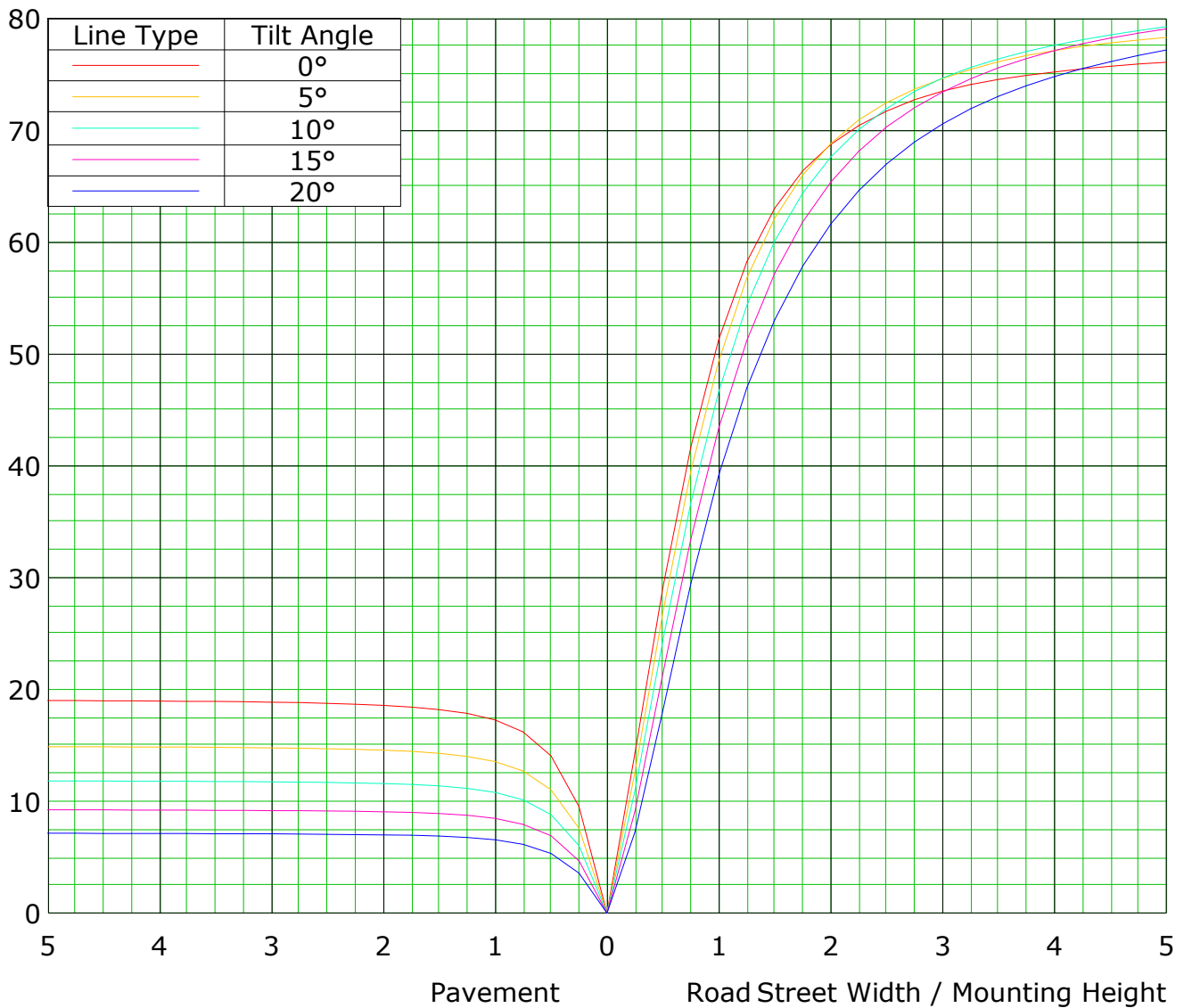
Mounting Height: 10.0m		Max Lux(100%): 15.3 lx	
( 1%):	0.2 lx	( 2%):	0.3 lx
( 3%):	0.5 lx	( 4%):	0.6 lx
( 5%):	0.8 lx	( 6%):	0.9 lx
( 7%):	1.1 lx	( 8%):	1.2 lx
( 9%):	1.4 lx	( 10%):	1.5 lx

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Test Type: TYPE C  
Temperature: 24.6 'C  
Operator:

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

## Roadway CU Curve

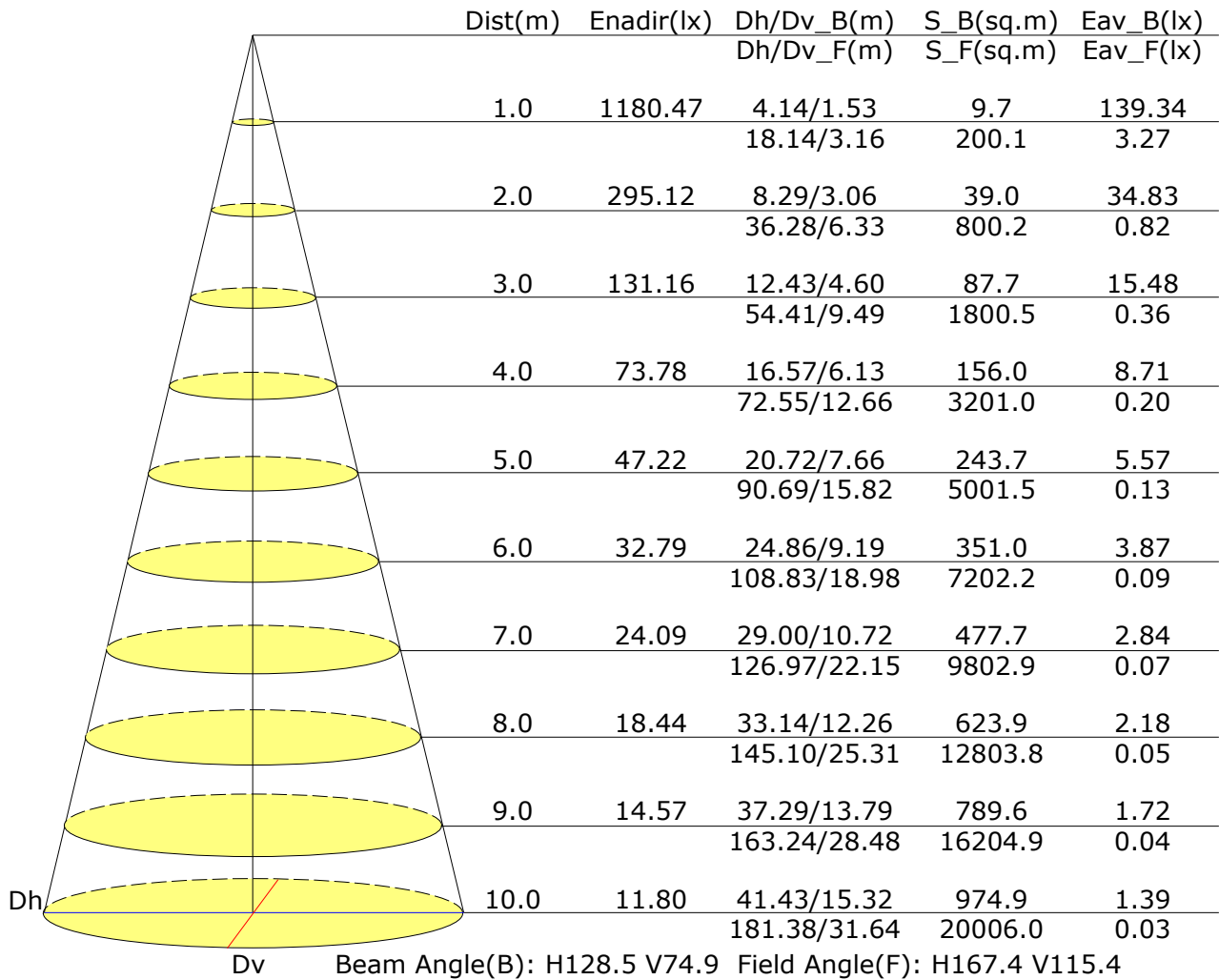
Efficiency(%)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 24.6 'C  
Operator:

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

## Illuminance at a Distance

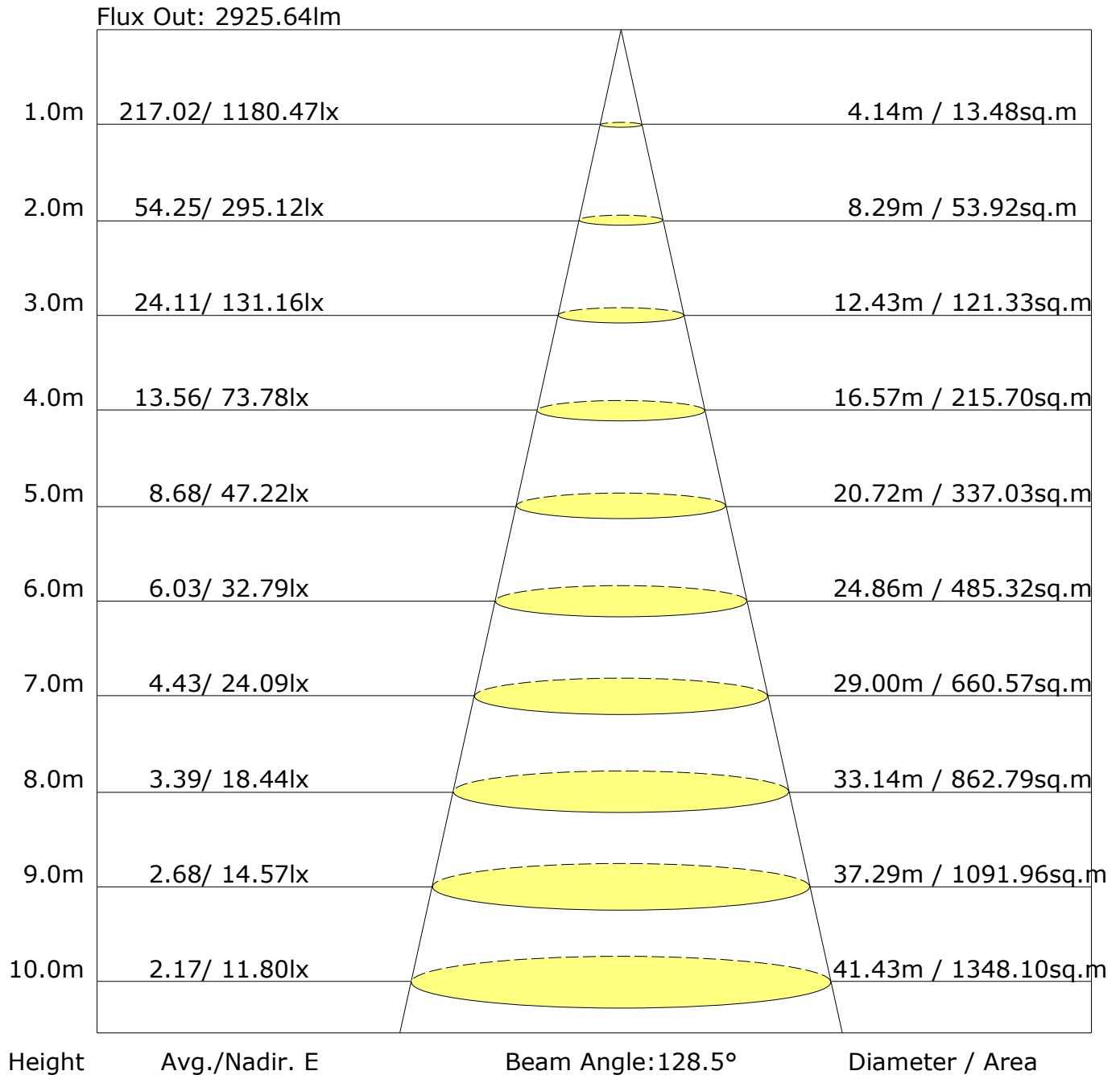


C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 24.6 'C  
Operator:

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



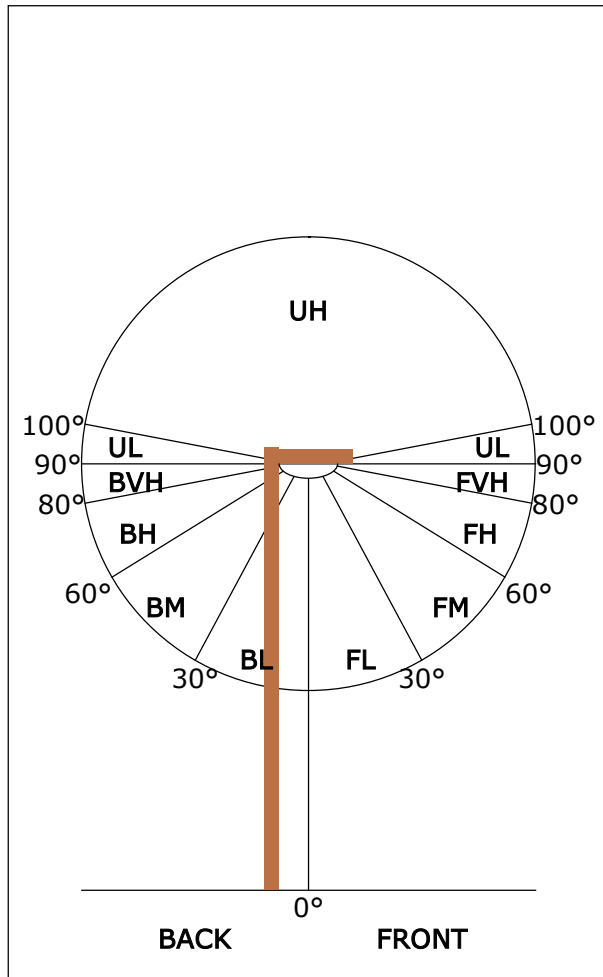
## The Average Illuminance Effective Figure



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Test Type: TYPE C  
Temperature: 24.6 'C  
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Test Device: GPM-3000  
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Humidity:  
Inspector:

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



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	2895	78.3
FL ( 0°-30°)	601	16.2
FM (30°-60°)	1537	41.5
FH (60°-80°)	672	18.2
FVH (80°-90°)	85	2.3
BACK LIGHT	693	18.7
BL ( 0°-30°)	240	6.5
BM (30°-60°)	315	8.5
BH (60°-80°)	121	3.3
BVH (80°-90°)	17	0.5
UP LIGHT	111	3.0
UL (90°-100°)	32	0.9
UH (100°-180°)	79	2.1
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U2 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	1176.3	1.1	1.1	0.03	0.03
1.0-2.0	1168.5	3.4	4.5	0.09	0.12
2.0-3.0	1163.8	5.6	10.0	0.15	0.27
3.0-4.0	1162.3	7.8	17.8	0.21	0.48
4.0-5.0	1163.5	10.0	27.8	0.27	0.75
5.0-6.0	1164.3	12.2	40.1	0.33	1.08
6.0-7.0	1157.1	14.4	54.4	0.39	1.47
7.0-8.0	1141.9	16.3	70.8	0.44	1.91
8.0-9.0	1121.2	18.2	89.0	0.49	2.41
9.0-10.0	1099.8	19.9	108.9	0.54	2.94
10.0-11.0	1084.7	21.7	130.5	0.59	3.53
11.0-12.0	1076.6	23.5	154.1	0.64	4.17
12.0-13.0	1072.4	25.5	179.5	0.69	4.85
13.0-14.0	1065.9	27.3	206.8	0.74	5.59
14.0-15.0	1052.2	28.9	235.7	0.78	6.37
15.0-16.0	1034.3	30.3	266.0	0.82	7.19
16.0-17.0	1016.2	31.7	297.7	0.86	8.05
17.0-18.0	1000.8	33.0	330.7	0.89	8.94
18.0-19.0	989.8	34.4	365.1	0.93	9.87
19.0-20.0	982.9	36.0	401.1	0.97	10.84
20.0-21.0	976.4	37.5	438.6	1.01	11.86
21.0-22.0	968.0	38.9	477.5	1.05	12.91
22.0-23.0	960.5	40.3	517.8	1.09	14.00
23.0-24.0	956.4	41.8	559.6	1.13	15.13
24.0-25.0	952.3	43.3	602.9	1.17	16.30
25.0-26.0	947.3	44.7	647.6	1.21	17.51
26.0-27.0	944.4	46.2	693.9	1.25	18.76
27.0-28.0	942.8	47.7	741.6	1.29	20.05
28.0-29.0	941.1	49.2	790.8	1.33	21.38
29.0-30.0	938.4	50.7	841.5	1.37	22.75
30.0-31.0	932.5	51.9	893.4	1.40	24.15
31.0-32.0	926.2	53.1	946.5	1.43	25.59
32.0-33.0	919.7	54.2	1000.7	1.47	27.05
33.0-34.0	912.1	55.2	1055.9	1.49	28.55
34.0-35.0	906.8	56.3	1112.2	1.52	30.07
35.0-36.0	902.9	57.5	1169.7	1.55	31.62

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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	899.5	58.7	1228.4	1.59	33.21
37.0-38.0	897.8	59.9	1288.3	1.62	34.83
38.0-39.0	890.6	60.8	1349.1	1.64	36.47
39.0-40.0	880.7	61.4	1410.5	1.66	38.14
40.0-41.0	871.0	62.0	1472.6	1.68	39.81
41.0-42.0	863.7	62.8	1535.3	1.70	41.51
42.0-43.0	859.7	63.7	1599.0	1.72	43.23
43.0-44.0	852.5	64.4	1663.4	1.74	44.97
44.0-45.0	843.6	64.8	1728.2	1.75	46.72
45.0-46.0	833.4	65.2	1793.4	1.76	48.49
46.0-47.0	820.2	65.2	1858.6	1.76	50.25
47.0-48.0	811.6	65.6	1924.3	1.77	52.02
48.0-49.0	802.9	65.9	1990.2	1.78	53.81
49.0-50.0	793.6	66.2	2056.4	1.79	55.60
50.0-51.0	788.0	66.7	2123.1	1.80	57.40
51.0-52.0	780.3	67.0	2190.0	1.81	59.21
52.0-53.0	764.6	66.5	2256.6	1.80	61.01
53.0-54.0	740.8	65.3	2321.9	1.77	62.77
54.0-55.0	718.5	64.1	2386.0	1.73	64.51
55.0-56.0	697.7	63.1	2449.1	1.70	66.21
56.0-57.0	680.1	62.2	2511.3	1.68	67.89
57.0-58.0	664.1	61.4	2572.7	1.66	69.55
58.0-59.0	648.2	60.6	2633.3	1.64	71.19
59.0-60.0	633.4	59.8	2693.1	1.62	72.81
60.0-61.0	611.7	58.4	2751.5	1.58	74.39
61.0-62.0	583.7	56.3	2807.8	1.52	75.91
62.0-63.0	556.0	54.1	2861.8	1.46	77.37
63.0-64.0	529.8	52.0	2913.8	1.41	78.78
64.0-65.0	504.4	49.9	2963.8	1.35	80.13
65.0-66.0	482.6	48.2	3011.9	1.30	81.43
66.0-67.0	463.0	46.6	3058.5	1.26	82.69
67.0-68.0	445.6	45.1	3103.6	1.22	83.91
68.0-69.0	430.9	44.0	3147.6	1.19	85.10
69.0-70.0	414.2	42.5	3190.1	1.15	86.25
70.0-71.0	390.5	40.4	3230.5	1.09	87.34
71.0-72.0	362.2	37.7	3268.2	1.02	88.36

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## 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	334.6	35.0	3303.2	0.95	89.30
73.0-74.0	308.4	32.4	3335.6	0.88	90.18
74.0-75.0	283.6	30.0	3365.6	0.81	90.99
75.0-76.0	260.5	27.7	3393.2	0.75	91.74
76.0-77.0	241.5	25.7	3419.0	0.70	92.43
77.0-78.0	225.1	24.1	3443.1	0.65	93.09
78.0-79.0	207.3	22.3	3465.3	0.60	93.69
79.0-80.0	188.9	20.4	3485.7	0.55	94.24
80.0-81.0	169.2	18.3	3504.0	0.49	94.73
81.0-82.0	145.8	15.8	3519.8	0.43	95.16
82.0-83.0	123.8	13.5	3533.3	0.36	95.53
83.0-84.0	107.0	11.7	3544.9	0.32	95.84
84.0-85.0	93.0	10.2	3555.1	0.27	96.12
85.0-86.0	79.3	8.7	3563.8	0.23	96.35
86.0-87.0	67.4	7.4	3571.2	0.20	96.55
87.0-88.0	58.0	6.4	3577.5	0.17	96.72
88.0-89.0	50.0	5.5	3583.0	0.15	96.87
89.0-90.0	43.7	4.8	3587.8	0.13	97.00
90.0-91.0	38.9	4.3	3592.0	0.12	97.11
91.0-92.0	35.3	3.9	3595.9	0.10	97.22
92.0-93.0	32.7	3.6	3599.5	0.10	97.32
93.0-94.0	30.6	3.3	3602.8	0.09	97.41
94.0-95.0	28.8	3.1	3606.0	0.09	97.49
95.0-96.0	27.4	3.0	3609.0	0.08	97.57
96.0-97.0	26.3	2.9	3611.8	0.08	97.65
97.0-98.0	25.3	2.7	3614.6	0.07	97.72
98.0-99.0	24.6	2.7	3617.2	0.07	97.80
99.0-100.0	23.9	2.6	3619.8	0.07	97.87
100.0-101.0	23.1	2.5	3622.3	0.07	97.93
101.0-102.0	22.3	2.4	3624.7	0.06	98.00
102.0-103.0	21.4	2.3	3627.0	0.06	98.06
103.0-104.0	20.4	2.2	3629.2	0.06	98.12
104.0-105.0	19.8	2.1	3631.3	0.06	98.18
105.0-106.0	19.6	2.1	3633.4	0.06	98.23
106.0-107.0	19.3	2.0	3635.4	0.05	98.29
107.0-108.0	19.2	2.0	3637.4	0.05	98.34

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 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	18.9	2.0	3639.4	0.05	98.39
109.0-110.0	18.7	1.9	3641.3	0.05	98.45
110.0-111.0	18.6	1.9	3643.2	0.05	98.50
111.0-112.0	18.4	1.9	3645.1	0.05	98.55
112.0-113.0	18.3	1.9	3646.9	0.05	98.60
113.0-114.0	18.2	1.8	3648.8	0.05	98.65
114.0-115.0	18.0	1.8	3650.6	0.05	98.70
115.0-116.0	17.9	1.8	3652.3	0.05	98.74
116.0-117.0	17.7	1.7	3654.1	0.05	98.79
117.0-118.0	17.5	1.7	3655.8	0.05	98.84
118.0-119.0	17.4	1.7	3657.5	0.05	98.88
119.0-120.0	17.3	1.6	3659.1	0.04	98.93
120.0-121.0	17.1	1.6	3660.7	0.04	98.97
121.0-122.0	16.9	1.6	3662.3	0.04	99.01
122.0-123.0	16.8	1.6	3663.9	0.04	99.06
123.0-124.0	16.6	1.5	3665.4	0.04	99.10
124.0-125.0	16.3	1.5	3666.8	0.04	99.14
125.0-126.0	15.9	1.4	3668.3	0.04	99.17
126.0-127.0	15.5	1.4	3669.6	0.04	99.21
127.0-128.0	15.3	1.3	3670.9	0.04	99.25
128.0-129.0	14.9	1.3	3672.2	0.03	99.28
129.0-130.0	14.5	1.2	3673.5	0.03	99.32
130.0-131.0	14.3	1.2	3674.7	0.03	99.35
131.0-132.0	14.1	1.2	3675.8	0.03	99.38
132.0-133.0	13.8	1.1	3676.9	0.03	99.41
133.0-134.0	13.6	1.1	3678.0	0.03	99.44
134.0-135.0	13.4	1.1	3679.1	0.03	99.47
135.0-136.0	13.2	1.0	3680.1	0.03	99.49
136.0-137.0	13.1	1.0	3681.1	0.03	99.52
137.0-138.0	13.1	1.0	3682.0	0.03	99.55
138.0-139.0	13.0	0.9	3683.0	0.03	99.57
139.0-140.0	12.9	0.9	3683.9	0.02	99.60
140.0-141.0	12.7	0.9	3684.8	0.02	99.62
141.0-142.0	12.7	0.9	3685.7	0.02	99.65
142.0-143.0	12.6	0.8	3686.5	0.02	99.67
143.0-144.0	12.5	0.8	3687.3	0.02	99.69

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 Test Device: GPM-3000  
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 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	12.3	0.8	3688.1	0.02	99.71
145.0-146.0	12.1	0.8	3688.9	0.02	99.73
146.0-147.0	12.0	0.7	3689.6	0.02	99.75
147.0-148.0	11.7	0.7	3690.3	0.02	99.77
148.0-149.0	11.5	0.7	3690.9	0.02	99.79
149.0-150.0	11.3	0.6	3691.6	0.02	99.80
150.0-151.0	11.1	0.6	3692.2	0.02	99.82
151.0-152.0	10.9	0.6	3692.7	0.02	99.84
152.0-153.0	10.7	0.5	3693.3	0.01	99.85
153.0-154.0	10.5	0.5	3693.8	0.01	99.86
154.0-155.0	10.2	0.5	3694.3	0.01	99.88
155.0-156.0	9.9	0.5	3694.7	0.01	99.89
156.0-157.0	9.7	0.4	3695.1	0.01	99.90
157.0-158.0	9.4	0.4	3695.5	0.01	99.91
158.0-159.0	9.2	0.4	3695.9	0.01	99.92
159.0-160.0	8.9	0.3	3696.3	0.01	99.93
160.0-161.0	8.6	0.3	3696.6	0.01	99.94
161.0-162.0	8.3	0.3	3696.9	0.01	99.95
162.0-163.0	7.9	0.3	3697.1	0.01	99.95
163.0-164.0	7.6	0.2	3697.4	0.01	99.96
164.0-165.0	7.4	0.2	3697.6	0.01	99.97
165.0-166.0	7.0	0.2	3697.8	0.01	99.97
166.0-167.0	6.7	0.2	3697.9	0.00	99.98
167.0-168.0	6.3	0.1	3698.1	0.00	99.98
168.0-169.0	6.0	0.1	3698.2	0.00	99.98
169.0-170.0	5.7	0.1	3698.3	0.00	99.99
170.0-171.0	5.4	0.1	3698.4	0.00	99.99
171.0-172.0	5.1	0.1	3698.5	0.00	99.99
172.0-173.0	4.8	0.1	3698.6	0.00	99.99
173.0-174.0	4.5	0.1	3698.6	0.00	100.00
174.0-175.0	4.4	0.0	3698.7	0.00	100.00
175.0-176.0	4.3	0.0	3698.7	0.00	100.00
176.0-177.0	4.3	0.0	3698.8	0.00	100.00
177.0-178.0	4.3	0.0	3698.8	0.00	100.00
178.0-179.0	4.3	0.0	3698.8	0.00	100.00
179.0-180.0	4.3	0.0	3698.8	0.00	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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

## Zonal Lumen (Continue 5)

cone flux(90°): 1728.21 lm

%lum = 46.7%

%lamp = 46.7%

cone flux(120°): 2693.13 lm

%lum = 72.8%

%lamp = 72.8%



## 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	1180.5	1180.5	1180.5	1180.5	1180.5	1180.5	1180.5	1180.5	1180.5	1180.5
G1.0	1180.7	1202.7	1214.9	1226.6	1223.0	1218.7	1215.3	1198.5	1180.9	1148.4
G2.0	1178.8	1215.9	1240.2	1267.3	1267.6	1259.6	1241.6	1210.7	1179.9	1118.3
G3.0	1175.4	1224.8	1271.3	1305.8	1316.2	1296.0	1271.2	1222.7	1176.4	1088.8
G4.0	1168.6	1235.3	1297.0	1356.1	1379.8	1346.0	1297.3	1235.5	1170.4	1063.4
G5.0	1163.3	1245.7	1331.2	1421.5	1445.5	1409.3	1329.5	1246.2	1161.7	1039.6
G6.0	1154.6	1252.9	1384.2	1465.7	1480.1	1452.8	1370.7	1250.2	1152.5	1019.6
G7.0	1147.0	1258.4	1420.7	1486.9	1489.7	1469.7	1404.7	1252.9	1139.0	998.7
G8.0	1137.6	1267.2	1438.4	1487.9	1481.3	1466.4	1423.6	1263.4	1129.1	974.9
G9.0	1129.4	1277.7	1443.4	1471.9	1452.9	1447.3	1425.2	1272.1	1118.3	950.5
G10.0	1117.0	1289.9	1440.6	1448.5	1471.3	1419.6	1419.0	1279.4	1106.3	925.1
G11.0	1107.5	1301.8	1432.8	1473.6	1532.3	1440.0	1405.9	1284.6	1093.1	901.3
G12.0	1100.3	1311.8	1403.9	1525.3	1606.1	1501.4	1375.1	1288.0	1080.6	880.4
G13.0	1091.9	1321.6	1387.8	1595.9	1650.8	1565.6	1359.3	1284.9	1070.6	855.5
G14.0	1083.9	1320.5	1397.2	1622.8	1665.7	1603.8	1366.1	1286.6	1062.1	828.2
G15.0	1076.0	1312.1	1421.7	1630.1	1662.6	1604.9	1392.2	1280.0	1052.2	797.5
G16.0	1067.2	1303.9	1460.9	1625.0	1623.4	1594.8	1429.7	1268.3	1046.9	767.9
G17.0	1061.1	1298.2	1496.8	1591.3	1640.2	1555.2	1461.3	1257.6	1035.9	740.2
G18.0	1055.1	1293.7	1499.9	1590.1	1688.0	1539.7	1478.5	1246.6	1023.8	712.8
G19.0	1047.4	1291.3	1496.9	1624.6	1732.3	1573.9	1467.5	1240.2	1017.0	682.4
G20.0	1044.6	1288.8	1490.4	1666.3	1756.1	1618.3	1455.8	1241.7	1015.2	658.6
G21.0	1045.1	1275.0	1485.1	1682.6	1788.8	1647.7	1440.6	1238.0	1012.8	637.3
G22.0	1038.7	1259.8	1470.1	1696.7	1807.8	1667.2	1410.6	1236.6	1008.9	621.8
G23.0	1040.5	1254.9	1473.6	1712.7	1791.9	1697.8	1403.1	1240.8	1009.1	614.4
G24.0	1053.7	1272.6	1492.7	1716.1	1770.5	1697.0	1417.2	1240.7	1005.5	604.2
G25.0	1041.8	1287.7	1510.8	1695.0	1735.1	1671.6	1442.1	1265.4	1007.6	592.7
G26.0	1053.3	1297.5	1517.6	1674.8	1703.1	1646.1	1468.4	1278.5	1003.1	580.1
G27.0	1066.3	1323.6	1531.2	1641.0	1704.2	1616.3	1491.2	1313.3	1003.8	572.9
G28.0	1053.6	1351.5	1532.4	1622.8	1721.3	1593.8	1515.2	1336.4	994.8	561.4
G29.0	1061.9	1350.0	1538.3	1638.5	1735.2	1593.4	1507.0	1346.6	992.6	553.2
G30.0	1054.5	1344.3	1531.7	1667.9	1730.3	1614.0	1511.3	1324.5	981.6	535.3
G31.0	1042.5	1328.0	1505.7	1678.6	1716.7	1631.1	1497.7	1323.5	994.0	522.6
G32.0	1068.4	1329.6	1495.1	1677.5	1710.0	1634.5	1473.3	1344.8	983.0	502.0
G33.0	1045.7	1341.7	1478.0	1658.0	1732.0	1625.3	1465.6	1354.3	981.7	474.1
G34.0	1039.9	1330.9	1485.4	1646.2	1765.4	1615.0	1453.5	1316.9	967.3	472.4
G35.0	1063.2	1305.4	1483.9	1668.6	1783.4	1632.7	1424.3	1317.6	957.7	455.8
G36.0	1051.4	1309.4	1480.1	1677.1	1790.7	1644.1	1446.8	1297.5	952.7	433.6

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	1024.3	1348.3	1499.9	1698.7	1769.2	1656.0	1431.4	1301.6	939.7	428.1
G38.0	1035.1	1357.9	1500.1	1693.0	1752.8	1665.3	1445.9	1294.3	966.4	418.9
G39.0	1029.4	1369.1	1490.0	1667.0	1756.7	1655.8	1438.2	1298.8	888.2	405.6
G40.0	1006.6	1350.9	1501.3	1656.1	1766.2	1638.7	1412.9	1282.8	923.1	398.1
G41.0	1014.5	1324.2	1469.7	1650.8	1762.1	1620.3	1401.8	1254.9	904.6	389.2
G42.0	1004.3	1335.5	1438.2	1638.9	1726.2	1616.7	1417.2	1328.3	885.7	402.8
G43.0	1014.0	1344.2	1469.9	1654.1	1714.4	1619.8	1399.9	1266.5	884.3	360.8
G44.0	998.9	1282.9	1462.6	1639.7	1723.0	1611.5	1398.7	1268.2	905.9	355.1
G45.0	964.3	1262.9	1446.5	1629.8	1692.1	1617.0	1409.0	1275.6	875.6	350.2
G46.0	1016.1	1239.4	1421.6	1613.0	1664.8	1590.6	1370.1	1252.0	875.5	331.7
G47.0	982.6	1232.0	1406.8	1578.1	1621.1	1559.1	1370.9	1235.7	863.5	327.9
G48.0	998.2	1278.8	1384.6	1558.1	1588.2	1540.2	1355.4	1255.3	882.0	338.3
G49.0	998.3	1235.8	1357.7	1522.8	1584.0	1530.0	1346.7	1232.7	823.2	332.0
G50.0	1002.9	1232.9	1336.0	1504.4	1571.1	1518.8	1341.8	1219.6	870.3	322.7
G51.0	962.1	1233.0	1353.1	1499.9	1576.8	1492.4	1341.6	1196.4	837.2	326.6
G52.0	948.6	1243.2	1304.4	1485.3	1558.6	1482.7	1294.6	1224.3	841.2	330.6
G53.0	932.0	1232.2	1257.1	1453.8	1483.4	1447.6	1254.1	1192.3	794.2	304.1
G54.0	910.2	1186.4	1240.1	1437.5	1365.2	1411.9	1209.3	1159.9	782.1	301.4
G55.0	901.8	1205.3	1230.7	1338.3	1311.2	1360.5	1183.8	1110.1	762.4	301.0
G56.0	847.6	1175.9	1206.0	1271.3	1297.3	1285.7	1190.3	1117.4	743.4	273.2
G57.0	849.7	1141.8	1180.2	1237.9	1294.3	1247.0	1150.9	1096.7	708.4	277.1
G58.0	770.6	1113.5	1167.7	1221.3	1278.7	1206.3	1123.9	1035.1	721.3	271.5
G59.0	782.7	1060.3	1123.5	1203.5	1297.0	1177.0	1100.9	1031.1	687.2	255.1
G60.0	760.3	1006.3	1055.5	1191.5	1277.9	1173.3	1062.0	1011.6	653.7	269.8
G61.0	742.6	1008.0	1005.7	1192.8	1153.7	1153.2	1004.0	938.5	613.3	246.4
G62.0	714.2	947.2	981.5	1125.3	1036.7	1100.7	961.5	902.9	596.9	249.3
G63.0	681.0	895.6	944.4	1025.7	973.5	1040.8	958.3	864.6	598.7	223.5
G64.0	611.8	872.7	933.5	971.0	911.4	982.6	905.6	820.4	590.4	215.4
G65.0	566.1	836.0	902.8	891.7	897.7	872.8	890.4	814.1	550.0	211.9
G66.0	567.0	751.7	864.4	858.6	904.9	834.0	859.5	783.0	544.1	210.9
G67.0	556.3	766.9	799.4	844.8	911.0	812.0	789.4	726.3	472.2	195.4
G68.0	538.1	729.8	750.9	846.1	912.6	803.5	723.5	708.9	454.9	182.0
G69.0	526.5	684.6	689.0	832.7	925.0	814.8	687.3	631.1	457.6	175.7
G70.0	507.1	644.0	647.5	843.4	842.2	812.7	648.8	603.4	430.2	158.1
G71.0	440.7	615.9	617.7	798.3	686.7	765.4	621.2	582.6	396.9	167.8
G72.0	449.8	569.9	609.0	682.2	605.6	677.8	596.0	550.0	378.3	154.3
G73.0	416.6	527.5	575.8	590.4	594.6	585.9	551.8	516.0	359.6	140.0

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	372.9	482.7	561.5	553.1	552.9	509.5	512.7	480.1	329.8	127.7
G75.0	344.8	426.3	515.6	509.9	518.2	470.9	478.3	418.2	308.8	116.6
G76.0	314.8	386.5	455.4	474.8	506.7	453.3	430.6	369.9	280.7	111.5
G77.0	295.2	353.8	411.8	462.3	488.1	437.9	391.9	343.3	246.4	101.0
G78.0	257.4	327.7	369.9	448.6	471.2	422.5	359.7	314.8	233.7	91.1
G79.0	232.5	288.0	326.2	426.2	447.3	400.4	312.3	271.9	205.2	84.4
G80.0	212.3	267.6	313.7	388.7	400.6	374.6	272.0	248.6	178.2	77.9
G81.0	198.1	234.2	283.2	330.8	315.8	314.7	251.8	220.9	163.4	72.9
G82.0	170.2	202.0	257.8	259.4	238.2	252.0	231.6	187.3	140.3	65.9
G83.0	138.2	184.5	219.8	210.5	212.3	199.9	197.0	168.0	122.5	56.9
G84.0	123.5	160.5	180.7	191.9	198.6	180.5	167.2	147.2	97.7	48.6
G85.0	100.7	130.4	151.1	174.1	174.7	164.7	142.6	121.8	83.0	42.6
G86.0	85.5	103.9	126.5	147.6	152.7	143.3	117.7	95.7	65.5	37.8
G87.0	67.2	91.0	105.8	131.6	138.5	124.8	99.8	79.5	51.7	33.1
G88.0	50.7	69.6	93.6	116.6	122.4	108.6	86.6	68.0	42.9	29.6
G89.0	43.8	61.6	80.0	99.6	105.9	94.5	75.5	56.4	32.9	27.3
G90.0	33.3	52.7	69.8	88.3	94.3	82.4	65.9	52.5	31.4	25.3
G91.0	31.5	46.1	60.8	78.9	85.3	74.2	58.6	45.8	28.7	22.8
G92.0	30.2	41.5	54.6	72.4	79.0	67.9	52.3	42.6	27.5	21.3
G93.0	28.0	39.5	49.3	67.3	72.9	62.9	48.1	41.0	27.5	20.1
G94.0	28.2	37.4	45.7	62.8	68.2	58.4	44.8	38.0	24.0	19.3
G95.0	24.5	35.5	42.5	58.9	64.2	54.4	41.5	36.9	25.0	18.3
G96.0	26.2	34.7	40.8	55.3	60.4	50.8	39.6	35.5	24.2	17.8
G97.0	24.9	33.0	38.2	52.8	58.2	47.9	38.2	34.5	22.0	17.4
G98.0	22.6	33.0	37.1	50.2	56.5	46.0	36.3	33.3	23.5	17.4
G99.0	24.6	31.7	36.0	48.8	55.6	44.8	35.5	32.1	20.6	17.0
G100.0	22.2	31.7	34.8	47.7	53.7	43.7	34.4	32.8	18.2	16.8
G101.0	21.4	30.8	33.4	46.3	52.9	42.8	33.2	31.2	13.2	16.3
G102.0	17.0	30.0	32.8	45.9	51.9	42.0	33.0	30.8	9.8	16.4
G103.0	14.0	29.5	32.4	45.2	50.6	41.3	32.2	30.5	4.1	16.3
G104.0	5.2	28.7	31.7	44.8	49.7	40.7	30.9	29.8	2.6	16.1
G105.0	2.3	28.9	31.5	44.3	49.3	40.3	30.7	29.7	1.8	16.3
G106.0	2.8	28.4	30.8	43.2	48.5	40.1	30.4	28.7	2.5	15.9
G107.0	2.1	28.7	30.6	42.7	48.1	39.9	30.2	29.1	2.3	15.9
G108.0	2.6	27.6	30.6	41.9	47.2	39.2	29.8	28.4	2.5	16.0
G109.0	2.7	27.9	30.0	41.2	46.6	38.6	29.5	28.4	2.2	15.3
G110.0	2.6	27.9	29.1	40.3	46.1	37.9	29.0	28.3	2.7	15.9

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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

## Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	2.7	27.0	29.0	40.0	45.5	37.9	29.1	28.4	2.2	15.7
G112.0	2.6	27.1	28.7	39.0	44.6	37.4	28.2	27.4	2.7	15.2
G113.0	2.0	27.4	29.0	38.7	44.3	36.3	28.6	27.4	3.1	15.2
G114.0	2.7	27.4	28.8	37.6	43.7	35.9	28.4	27.5	3.0	15.5
G115.0	3.1	27.0	28.6	37.4	42.5	35.4	28.0	27.1	3.1	15.5
G116.0	2.7	27.2	28.2	36.1	41.8	34.7	27.9	27.2	3.7	15.5
G117.0	2.9	27.2	28.0	35.9	40.6	34.2	27.3	26.9	3.5	15.3
G118.0	2.7	27.1	27.5	35.2	40.3	33.7	27.7	26.8	3.6	14.8
G119.0	2.3	27.1	26.9	34.5	39.3	33.3	26.9	27.2	2.9	15.1
G120.0	2.5	26.5	26.7	34.5	38.7	32.8	26.4	26.9	3.2	15.6
G121.0	2.6	26.7	26.5	33.9	38.3	32.1	25.9	26.7	3.6	15.4
G122.0	2.8	26.6	26.0	33.4	37.3	31.9	25.5	27.0	3.6	15.5
G123.0	2.9	26.6	25.7	32.6	36.1	30.9	25.1	27.4	3.2	15.7
G124.0	3.0	26.1	25.3	32.9	35.1	30.6	24.7	26.3	3.3	14.7
G125.0	2.1	25.2	25.4	31.5	32.6	30.1	24.6	26.0	3.4	14.9
G126.0	3.0	25.0	24.6	31.4	29.8	29.4	23.8	25.5	3.2	14.8
G127.0	3.1	24.2	24.3	30.8	26.5	29.3	23.6	25.1	2.6	14.9
G128.0	2.8	23.9	24.4	30.4	24.5	28.5	23.4	24.3	3.4	14.8
G129.0	3.0	23.3	23.8	28.9	22.1	27.6	22.7	24.1	2.9	14.4
G130.0	1.8	23.0	23.8	28.1	20.8	26.7	22.7	23.8	3.1	14.5
G131.0	2.8	22.5	23.8	27.0	20.0	25.3	22.1	23.4	3.3	14.4
G132.0	2.8	22.5	23.5	25.6	19.4	24.3	22.1	23.2	3.1	13.9
G133.0	3.1	22.8	22.8	24.8	18.2	23.0	21.2	23.3	3.3	14.2
G134.0	2.9	22.7	22.4	23.5	18.3	22.4	21.2	23.0	3.0	14.3
G135.0	2.1	22.7	21.9	22.5	16.8	21.5	20.7	23.2	3.3	14.5
G136.0	2.8	23.0	22.0	21.3	16.0	20.6	20.1	23.4	3.2	14.4
G137.0	2.8	23.3	21.7	20.9	14.6	19.3	19.9	23.7	3.7	15.0
G138.0	3.0	23.2	21.8	19.9	14.2	18.8	19.8	24.6	3.2	15.5
G139.0	3.3	22.9	21.4	18.9	13.3	18.4	19.4	24.8	3.7	15.5
G140.0	2.9	24.0	20.9	18.3	12.0	17.2	19.2	25.7	2.3	15.7
G141.0	2.6	24.6	20.5	17.4	12.5	16.7	18.5	25.9	2.9	16.4
G142.0	3.4	24.8	20.1	16.7	11.0	15.8	18.0	26.9	3.6	16.8
G143.0	3.5	25.4	19.0	15.7	10.4	15.0	17.4	27.1	3.5	16.4
G144.0	2.6	25.3	18.4	15.3	10.3	14.0	17.2	27.6	3.4	16.5
G145.0	3.9	26.0	17.4	13.8	9.6	13.1	16.8	27.9	2.2	17.3
G146.0	4.1	26.1	16.3	13.0	8.8	11.8	17.3	28.0	3.6	16.9
G147.0	4.6	25.9	16.4	11.3	7.9	10.4	17.5	28.1	3.4	17.1

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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

## Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	3.3	25.5	15.5	10.2	7.0	10.1	17.7	27.4	3.0	17.5
G149.0	4.7	25.6	15.4	9.0	6.1	8.1	17.9	27.9	3.6	16.8
G150.0	4.6	25.1	15.0	8.2	5.4	7.7	18.6	27.1	3.4	16.9
G151.0	6.3	24.7	14.7	7.2	4.9	8.0	18.8	26.5	3.8	16.9
G152.0	5.9	23.0	14.7	6.6	4.1	7.3	18.4	25.9	3.9	16.8
G153.0	7.0	22.3	14.5	6.0	3.4	7.8	18.3	24.8	3.2	16.2
G154.0	7.5	21.2	14.1	6.0	3.1	7.6	17.3	23.8	3.9	15.2
G155.0	7.8	19.7	13.7	5.7	2.7	7.6	16.5	22.8	4.0	15.2
G156.0	8.1	18.7	12.3	4.4	3.3	8.6	16.0	22.1	3.6	14.7
G157.0	7.8	17.5	11.9	4.5	3.5	8.4	15.7	20.2	3.8	14.0
G158.0	8.2	16.9	10.6	5.7	3.9	8.4	15.5	19.0	3.7	13.5
G159.0	8.0	15.5	10.6	6.0	4.1	9.1	15.2	17.5	3.5	12.8
G160.0	8.0	14.3	9.7	5.9	4.4	8.4	14.6	15.9	3.7	12.5
G161.0	7.6	13.5	9.1	5.5	4.4	8.2	13.8	14.6	4.1	12.0
G162.0	7.9	12.1	8.8	5.7	4.4	8.2	13.2	13.8	4.0	11.7
G163.0	7.1	11.4	8.2	5.0	4.6	8.1	12.5	12.7	3.0	10.5
G164.0	6.9	10.6	7.9	4.9	4.7	8.0	11.8	11.3	3.6	10.4
G165.0	6.6	9.7	7.5	4.8	4.7	8.2	10.9	10.4	3.4	9.5
G166.0	5.9	9.2	7.1	4.5	4.8	7.9	10.3	9.1	4.4	9.0
G167.0	5.8	7.9	6.4	4.4	4.5	7.4	9.0	7.7	4.0	7.8
G168.0	5.2	6.6	6.3	4.1	4.6	7.1	8.3	7.6	3.8	7.2
G169.0	5.0	5.7	5.7	4.6	4.6	6.8	7.7	7.0	4.3	7.3
G170.0	4.7	5.6	4.6	4.3	4.2	6.0	7.1	6.5	4.2	5.8
G171.0	4.3	5.5	4.5	3.9	4.8	5.7	6.3	6.2	4.2	5.9
G172.0	4.3	4.8	4.1	4.3	4.3	5.5	5.8	5.3	4.1	5.6
G173.0	4.1	4.2	3.6	3.5	4.3	4.8	4.4	4.7	4.4	4.0
G174.0	3.7	3.8	4.2	4.1	4.2	4.2	4.9	4.7	3.8	4.4
G175.0	3.1	3.5	4.3	4.1	3.5	4.2	4.6	4.8	4.1	4.6
G176.0	3.9	3.4	4.0	3.7	4.1	4.2	4.6	4.7	4.4	4.6
G177.0	3.9	3.4	4.2	4.3	4.0	4.3	5.0	4.9	4.4	4.6
G178.0	4.2	3.9	4.2	4.4	3.9	3.5	4.8	4.2	4.5	4.4
G179.0	3.4	4.2	4.2	4.6	4.7	4.2	4.5	4.5	4.5	3.3
G180.0	4.2	4.3	4.3	4.5	4.3	4.0	4.5	4.4	4.1	4.2

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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

## Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	1180.5	1180.5	1180.5	1180.5	1180.5	1180.5	1180.5			
G1.0	1125.0	1112.2	1109.6	1111.1	1132.0	1155.9	1180.7			
G2.0	1077.3	1059.4	1053.0	1056.7	1082.9	1126.9	1178.8			
G3.0	1046.3	1023.9	1014.2	1024.0	1050.2	1097.9	1175.4			
G4.0	1014.2	978.7	973.2	984.1	1021.6	1066.0	1168.6			
G5.0	980.3	947.6	942.9	951.6	989.6	1040.6	1163.3			
G6.0	949.5	902.8	882.5	914.6	957.6	1020.0	1154.6			
G7.0	923.7	838.3	807.6	844.9	932.6	1002.8	1147.0			
G8.0	878.6	774.3	743.0	782.4	896.9	978.2	1137.6			
G9.0	826.0	718.6	696.5	724.8	846.8	952.7	1129.4			
G10.0	774.4	675.2	663.3	682.4	797.0	929.1	1117.0			
G11.0	724.8	645.3	631.4	651.1	739.9	905.9	1107.5			
G12.0	678.5	616.5	610.7	621.0	697.6	883.4	1100.3			
G13.0	648.6	598.4	576.4	600.0	664.2	864.1	1091.9			
G14.0	622.7	562.1	500.8	567.2	637.2	844.6	1083.9			
G15.0	597.2	498.0	435.1	505.5	612.8	820.6	1076.0			
G16.0	576.0	432.4	374.2	447.3	589.1	790.6	1067.2			
G17.0	557.6	374.7	326.9	388.9	570.4	765.5	1061.1			
G18.0	521.5	328.7	301.9	333.8	548.3	739.9	1055.1			
G19.0	477.6	303.6	288.2	305.4	509.2	713.5	1047.4			
G20.0	435.9	287.7	279.3	288.6	466.8	686.8	1044.6			
G21.0	393.4	278.5	273.3	277.4	424.3	664.8	1045.1			
G22.0	355.0	270.2	267.6	269.7	384.4	645.7	1038.7			
G23.0	320.1	263.8	262.4	262.9	345.7	630.0	1040.5			
G24.0	300.0	258.2	257.1	256.5	320.2	617.1	1053.7			
G25.0	286.7	252.8	248.8	251.3	302.6	603.6	1041.8			
G26.0	277.3	245.3	240.8	245.0	290.3	597.4	1053.3			
G27.0	268.4	237.2	230.1	238.1	279.6	585.6	1066.3			
G28.0	261.5	228.2	217.0	229.8	272.4	575.6	1053.6			
G29.0	258.1	216.7	203.5	218.7	267.0	566.7	1061.9			
G30.0	255.0	204.1	190.0	207.2	261.7	566.2	1054.5			
G31.0	251.2	191.9	176.1	195.0	254.1	552.8	1042.5			
G32.0	247.4	178.1	164.3	183.0	247.6	537.3	1068.4			
G33.0	240.0	166.4	152.2	171.8	245.1	523.2	1045.7			
G34.0	233.6	155.0	141.4	160.2	242.3	507.8	1039.9			
G35.0	225.9	144.5	130.5	148.1	236.7	505.6	1063.2			
G36.0	218.8	134.2	119.9	137.6	228.7	485.3	1051.4			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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

## Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	212.2	124.3	110.8	128.2	225.8	479.3	1024.3			
G38.0	204.1	115.2	102.8	119.2	219.8	461.5	1035.1			
G39.0	193.3	106.6	94.1	110.1	211.8	431.3	1029.4			
G40.0	183.0	98.9	86.9	102.5	199.5	428.6	1006.6			
G41.0	173.7	91.5	78.6	94.9	191.5	413.7	1014.5			
G42.0	166.2	84.4	72.2	88.2	189.2	408.1	1004.3			
G43.0	164.1	77.5	67.1	82.2	188.8	400.2	1014.0			
G44.0	161.4	71.5	61.7	76.0	184.3	370.1	998.9			
G45.0	155.3	66.5	56.8	71.2	177.3	375.3	964.3			
G46.0	148.9	60.8	52.3	66.9	171.5	368.0	1016.1			
G47.0	142.5	56.7	48.5	61.5	165.7	351.9	982.6			
G48.0	133.7	52.7	44.8	57.4	156.4	342.3	998.2			
G49.0	130.2	49.2	41.8	53.0	148.4	340.8	998.3			
G50.0	127.8	45.8	39.0	50.1	149.0	337.6	1002.9			
G51.0	127.4	42.7	35.7	46.8	148.1	327.4	962.1			
G52.0	123.5	40.2	33.8	44.0	139.2	327.2	948.6			
G53.0	114.4	37.6	31.3	41.4	127.7	344.0	932.0			
G54.0	104.8	35.7	29.6	39.4	118.1	327.3	910.2			
G55.0	96.3	33.6	27.6	37.4	111.5	322.8	901.8			
G56.0	94.3	31.2	26.3	35.6	109.0	288.8	847.6			
G57.0	95.8	29.6	24.4	34.0	108.0	295.5	849.7			
G58.0	91.7	28.2	23.7	32.6	104.7	289.0	770.6			
G59.0	89.7	26.6	22.0	30.7	101.7	274.5	782.7			
G60.0	89.3	25.4	20.7	29.0	101.0	277.4	760.3			
G61.0	87.1	23.8	19.9	27.6	100.0	253.6	742.6			
G62.0	80.8	22.4	18.6	25.4	96.8	248.0	714.2			
G63.0	73.8	21.5	17.2	24.1	92.8	247.0	681.0			
G64.0	71.8	19.9	16.3	22.4	86.6	238.7	611.8			
G65.0	65.1	18.7	15.1	20.9	85.2	232.0	566.1			
G66.0	61.6	17.4	14.0	19.4	82.8	199.2	567.0			
G67.0	62.5	16.3	12.4	18.4	78.9	182.9	556.3			
G68.0	64.0	15.2	11.8	17.2	72.4	182.0	538.1			
G69.0	61.8	13.6	10.5	15.5	67.0	182.1	526.5			
G70.0	57.7	12.8	9.3	14.5	65.3	181.8	507.1			
G71.0	54.8	11.9	8.2	13.1	62.5	173.2	440.7			
G72.0	51.8	10.5	7.0	11.7	55.7	164.1	449.8			
G73.0	48.2	9.1	6.1	11.1	50.1	151.8	416.6			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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



## Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	40.4	8.4	4.1	10.0	47.5	142.1	372.9			
G75.0	38.9	6.7	3.5	8.5	45.2	128.0	344.8			
G76.0	37.3	6.1	2.6	7.1	43.7	116.7	314.8			
G77.0	33.8	5.1	2.4	6.5	40.8	109.4	295.2			
G78.0	28.5	4.5	2.1	5.3	36.8	100.2	257.4			
G79.0	27.0	4.9	2.5	6.0	36.3	89.9	232.5			
G80.0	25.7	4.9	2.1	5.8	32.3	80.2	212.3			
G81.0	23.8	4.9	2.0	5.1	30.9	76.9	198.1			
G82.0	21.8	4.7	2.6	5.3	27.1	71.5	170.2			
G83.0	19.2	4.8	3.3	5.2	22.3	60.0	138.2			
G84.0	17.7	4.8	2.9	5.1	20.6	50.7	123.5			
G85.0	16.3	4.6	3.0	5.5	18.9	45.4	100.7			
G86.0	15.0	4.7	2.6	4.7	17.7	38.6	85.5			
G87.0	13.5	3.6	2.4	4.5	16.5	34.0	67.2			
G88.0	13.0	4.4	2.5	4.1	15.5	29.5	50.7			
G89.0	12.3	3.8	2.1	4.2	14.2	27.1	43.8			
G90.0	11.8	3.1	2.4	4.3	13.6	24.6	33.3			
G91.0	11.0	4.0	2.1	3.9	12.7	22.5	31.5			
G92.0	9.6	3.9	2.1	4.0	11.3	21.2	30.2			
G93.0	9.4	2.9	2.2	2.7	10.5	20.0	28.0			
G94.0	9.0	3.3	2.7	3.5	10.2	18.9	28.2			
G95.0	8.7	3.2	2.5	3.5	9.6	18.0	24.5			
G96.0	8.1	3.6	2.8	3.5	9.2	17.0	26.2			
G97.0	8.2	3.5	2.4	3.7	8.5	16.7	24.9			
G98.0	8.0	3.3	2.7	2.6	8.8	16.4	22.6			
G99.0	7.8	4.0	2.5	3.8	8.2	16.1	24.6			
G100.0	7.4	3.3	2.8	3.1	8.4	15.7	22.2			
G101.0	7.2	3.1	2.6	3.9	7.9	15.9	21.4			
G102.0	7.6	3.3	2.6	3.6	8.1	15.7	17.0			
G103.0	7.1	3.3	2.9	3.3	8.2	14.8	14.0			
G104.0	6.8	3.3	2.6	3.1	7.6	15.1	5.2			
G105.0	7.0	3.7	3.1	3.7	8.1	15.3	2.3			
G106.0	6.8	3.8	2.9	3.7	7.5	14.8	2.8			
G107.0	7.0	3.7	2.9	3.3	6.8	14.8	2.1			
G108.0	7.0	3.7	2.9	3.5	7.3	14.7	2.6			
G109.0	6.3	3.8	2.9	3.7	6.8	14.8	2.7			
G110.0	6.7	3.5	2.6	3.8	6.7	14.6	2.6			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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



## Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	6.8	3.6	3.2	3.6	7.6	14.4	2.7			
G112.0	6.9	4.2	2.8	3.9	7.5	14.6	2.6			
G113.0	7.1	4.2	2.8	4.0	7.5	15.0	2.0			
G114.0	7.1	2.8	2.4	3.9	7.1	14.7	2.7			
G115.0	7.2	3.0	3.3	3.8	7.1	14.5	3.1			
G116.0	7.1	4.2	3.5	3.7	7.4	14.8	2.7			
G117.0	6.6	4.1	3.3	3.5	6.6	14.4	2.9			
G118.0	6.9	3.7	3.6	3.5	7.6	14.6	2.7			
G119.0	7.3	4.4	3.4	4.0	7.7	15.0	2.3			
G120.0	7.4	4.0	3.5	3.9	7.4	14.8	2.5			
G121.0	7.0	4.1	3.8	3.4	7.3	14.7	2.6			
G122.0	6.9	4.5	3.2	3.7	7.4	15.0	2.8			
G123.0	6.9	4.2	3.8	4.2	7.5	14.5	2.9			
G124.0	6.1	4.5	3.9	3.9	7.5	14.7	3.0			
G125.0	7.1	4.4	4.1	4.7	7.1	14.7	2.1			
G126.0	7.3	4.2	4.0	4.4	6.6	14.2	3.0			
G127.0	6.6	4.6	3.1	4.2	7.3	14.9	3.1			
G128.0	7.4	4.8	4.2	4.3	7.5	14.5	2.8			
G129.0	6.8	4.6	4.3	4.4	7.7	13.8	3.0			
G130.0	7.3	4.7	4.6	3.9	7.6	14.1	1.8			
G131.0	7.4	4.6	4.4	4.6	7.8	14.2	2.8			
G132.0	7.5	4.9	4.4	4.6	7.6	14.1	2.8			
G133.0	7.2	3.9	4.3	4.6	7.7	14.5	3.1			
G134.0	7.6	4.5	4.0	4.9	8.1	14.1	2.9			
G135.0	7.3	5.0	4.4	4.8	8.1	14.4	2.1			
G136.0	7.5	5.3	3.7	4.8	7.8	14.2	2.8			
G137.0	7.9	4.8	4.7	3.9	8.4	14.5	2.8			
G138.0	7.7	5.0	4.9	4.9	7.8	15.2	3.0			
G139.0	7.6	5.5	4.4	5.0	8.0	15.3	3.3			
G140.0	7.7	5.4	3.9	5.4	8.2	15.3	2.9			
G141.0	7.7	5.2	4.8	4.5	7.9	15.6	2.6			
G142.0	7.7	5.1	5.1	4.6	8.3	16.2	3.4			
G143.0	7.4	5.0	4.4	5.5	8.2	16.1	3.5			
G144.0	8.3	5.6	5.1	5.4	7.6	16.0	2.6			
G145.0	7.8	5.5	5.2	5.2	8.0	16.4	3.9			
G146.0	6.8	5.5	4.7	5.2	8.2	16.5	4.1			
G147.0	7.6	5.3	4.8	5.3	7.5	16.7	4.6			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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

## Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	7.4	5.3	5.3	5.4	7.7	17.0	3.3			
G149.0	7.8	5.5	5.0	5.6	7.6	16.4	4.7			
G150.0	7.3	5.6	4.5	4.6	8.0	16.4	4.6			
G151.0	7.0	5.0	5.2	5.3	7.4	15.8	6.3			
G152.0	7.2	5.1	5.5	5.6	6.9	15.7	5.9			
G153.0	7.4	5.8	5.4	5.5	7.5	15.3	7.0			
G154.0	7.2	5.7	5.6	5.2	7.1	14.8	7.5			
G155.0	7.0	5.5	5.5	5.4	7.6	14.6	7.8			
G156.0	7.3	5.5	4.9	5.7	7.6	14.2	8.1			
G157.0	7.5	4.6	5.6	5.9	7.8	13.3	7.8			
G158.0	7.2	6.1	5.4	5.7	7.1	12.7	8.2			
G159.0	7.7	5.4	4.6	5.7	7.0	12.5	8.0			
G160.0	7.3	6.1	5.8	5.5	6.7	11.7	8.0			
G161.0	7.4	6.2	5.6	5.8	5.8	11.2	7.6			
G162.0	7.4	5.7	5.8	6.0	5.5	10.9	7.9			
G163.0	7.2	5.2	4.8	5.7	6.2	10.5	7.1			
G164.0	7.1	5.6	5.4	5.9	6.3	10.1	6.9			
G165.0	6.8	4.6	5.1	5.8	6.7	9.6	6.6			
G166.0	6.9	5.2	4.9	5.4	6.9	8.9	5.9			
G167.0	6.4	5.8	5.6	5.7	6.8	8.7	5.8			
G168.0	6.5	5.8	5.3	5.5	6.5	7.4	5.2			
G169.0	6.0	5.5	5.1	5.6	6.7	7.0	5.0			
G170.0	6.1	5.7	5.3	5.6	6.2	6.8	4.7			
G171.0	5.1	4.3	5.2	5.6	6.5	4.7	4.3			
G172.0	5.1	5.5	5.2	5.4	5.7	5.8	4.3			
G173.0	4.9	4.6	4.4	5.9	5.7	5.4	4.1			
G174.0	4.8	5.0	4.4	5.2	5.1	5.4	3.7			
G175.0	4.5	3.9	5.2	5.2	5.0	4.8	3.1			
G176.0	4.0	4.0	5.1	5.1	4.5	5.0	3.9			
G177.0	3.9	4.6	5.0	4.2	4.4	4.9	3.9			
G178.0	3.6	4.8	4.3	4.7	4.4	4.6	4.2			
G179.0	4.0	4.2	4.6	4.5	4.6	4.5	3.4			
G180.0	4.3	4.3	4.4	4.2	3.9	4.5	4.2			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24.6 'C  
 Operator:

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