Report No.: Test Time: 2022/12/19 17:28

Luminaire Property

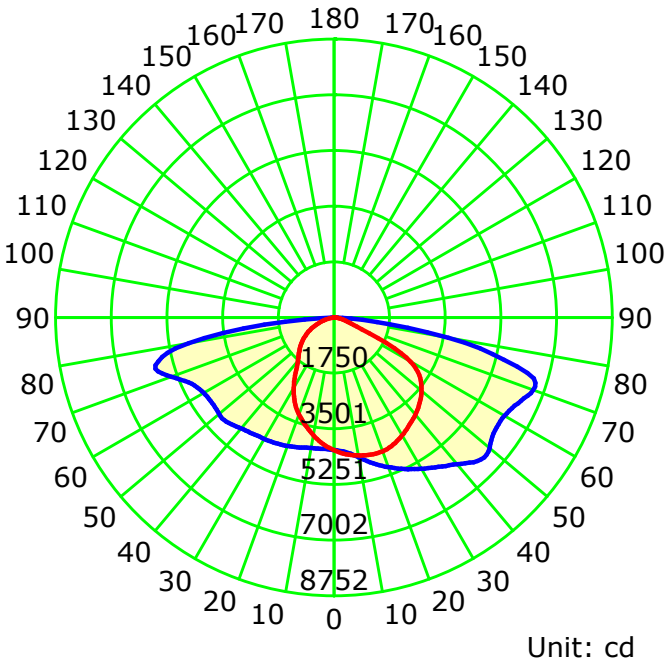
Luminaire Manufacturer:
Luminaire Category: Luminaire Description:
Lamp Catalog: Lamp Description:
Number of Lamps: Lumens per Lamp:
Luminous Length (mm): Luminous Width (mm):
Luminous Height (mm): Voltage: 277.0 V
Current: 0.535 A Power: 142.36 W
Power Factor: 0.960

Photometric Results

IES Classification: Type III Longitudinal Classification: Medium
Total Rated Lamp Lumens: 18847.3 lm Measurement Flux: 18847.3 lm
Efficiency: 100% Downward Ratio: 100%
Upward Ratio: 0% Luminaire Efficacy Rating (LER): 132.44
C0r0 Intensity: 4169.02 cd Max. Intensity: 7002.11 cd
Pos of Max. Intensity: H22.5 V68
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 162.7, 96.2, 116.6, 133.8

Picture Of Luminaire

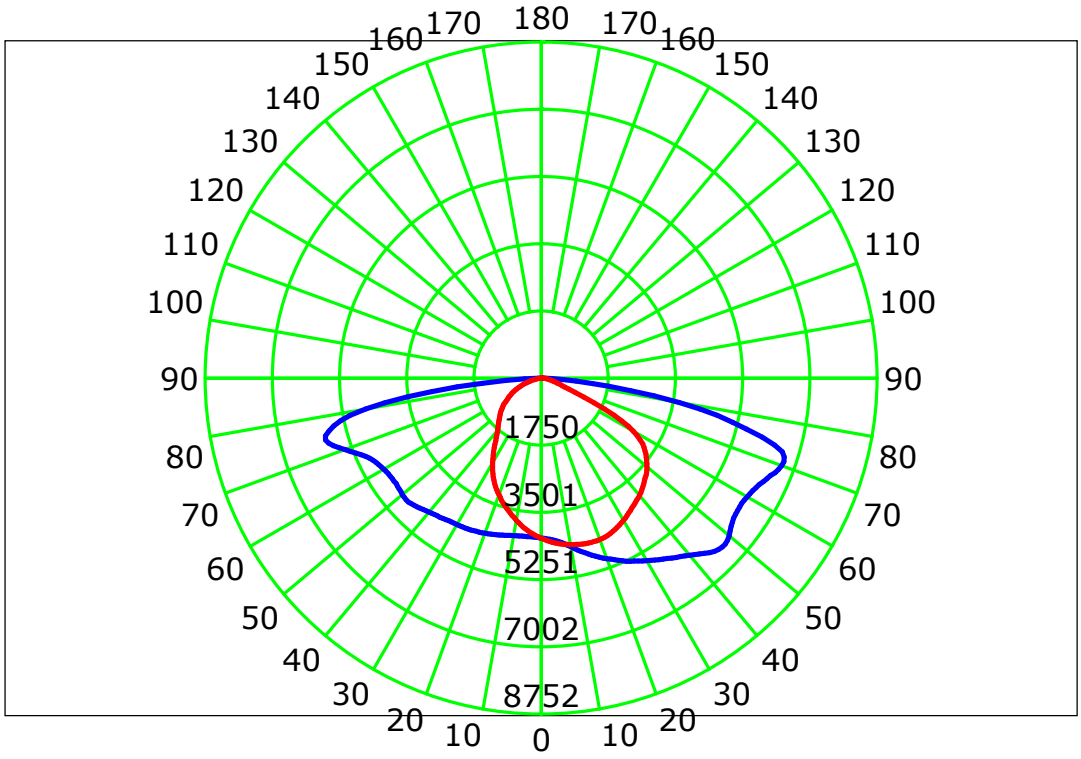
Luminous Intensity Distribution Curve

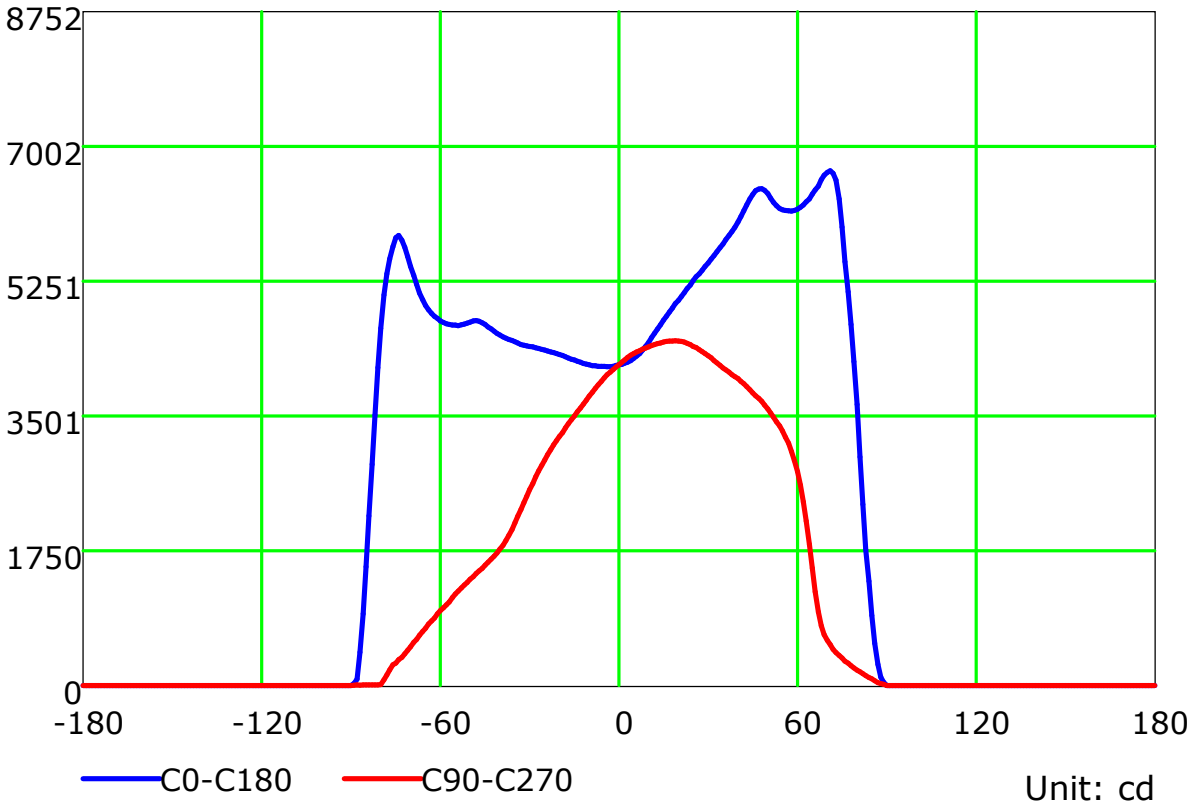


Unit: cd
Average Diffuse Angle(50%): 129.4°
C0-C180 C90-C270

C Plane (°):0.0-360.0: 22.5 Gamma Plane (°):0.0-180.0:1.0
Test Lab: Test Device: GPM-3000
Test Type: TYPE C Distance: 14.140 m [K=1.0000]
Temperature: 24.7 'C Humidity:
Operator: Inspector:

Luminous Intensity Distribution Curve

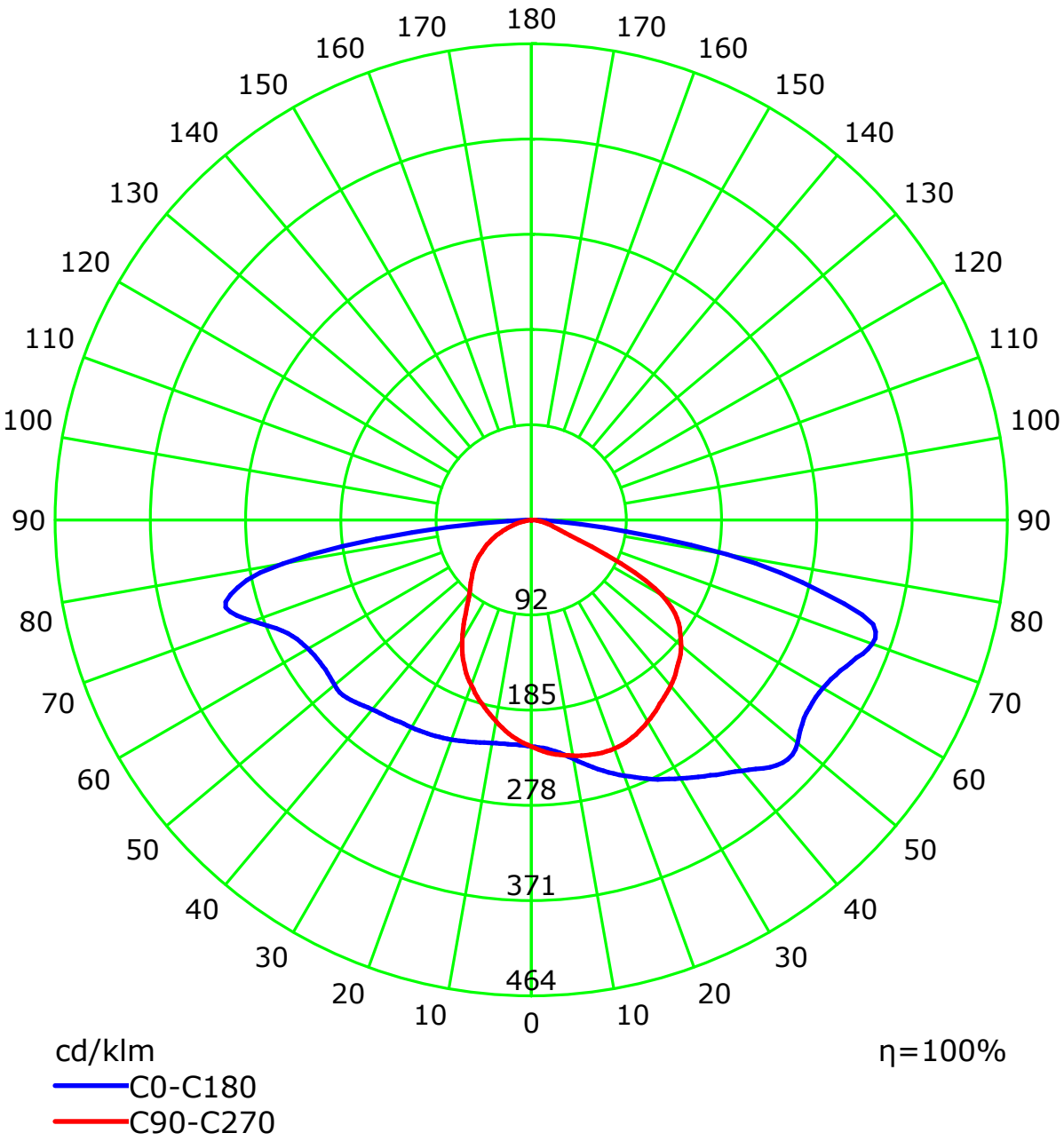




C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

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

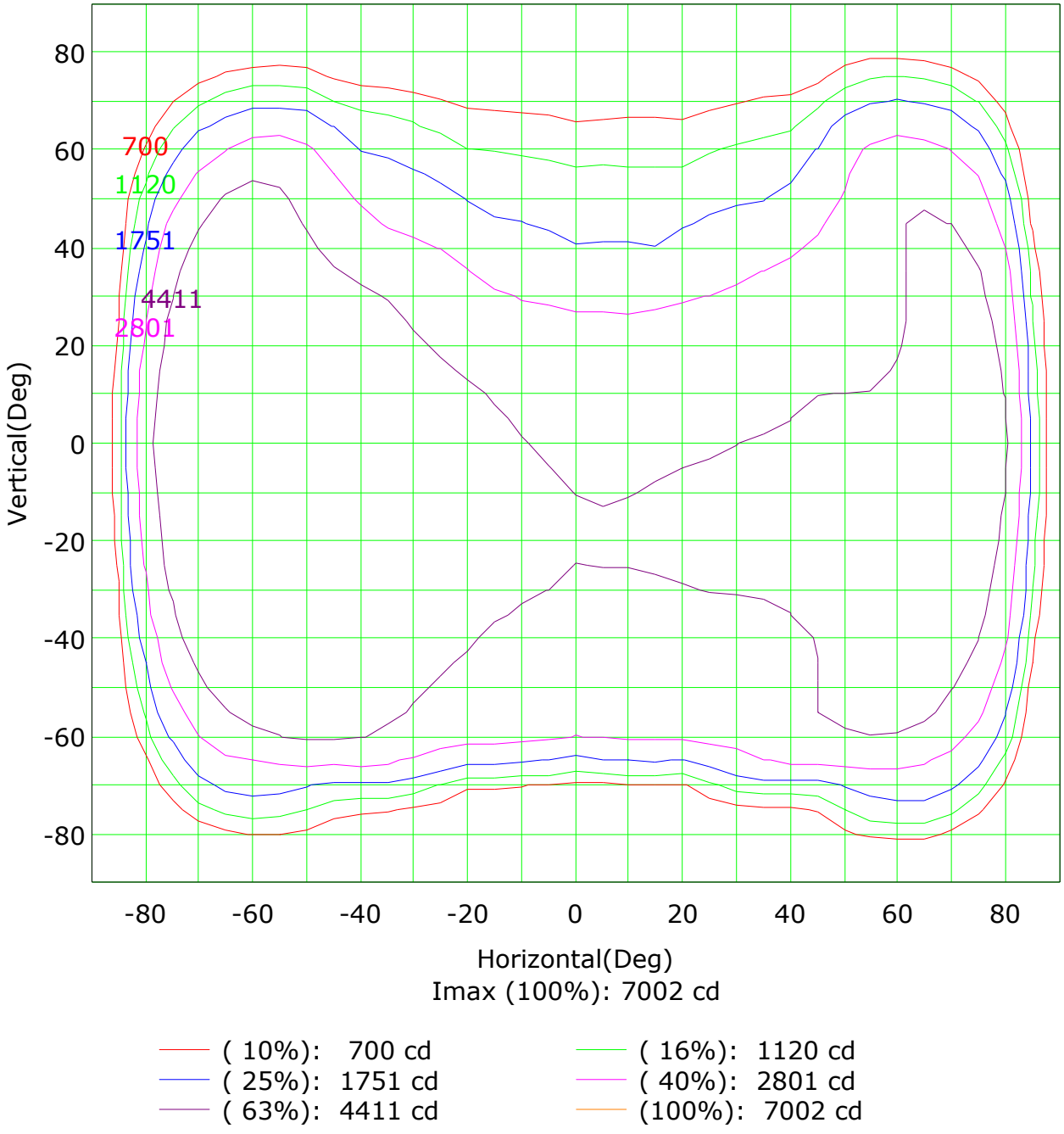
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

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

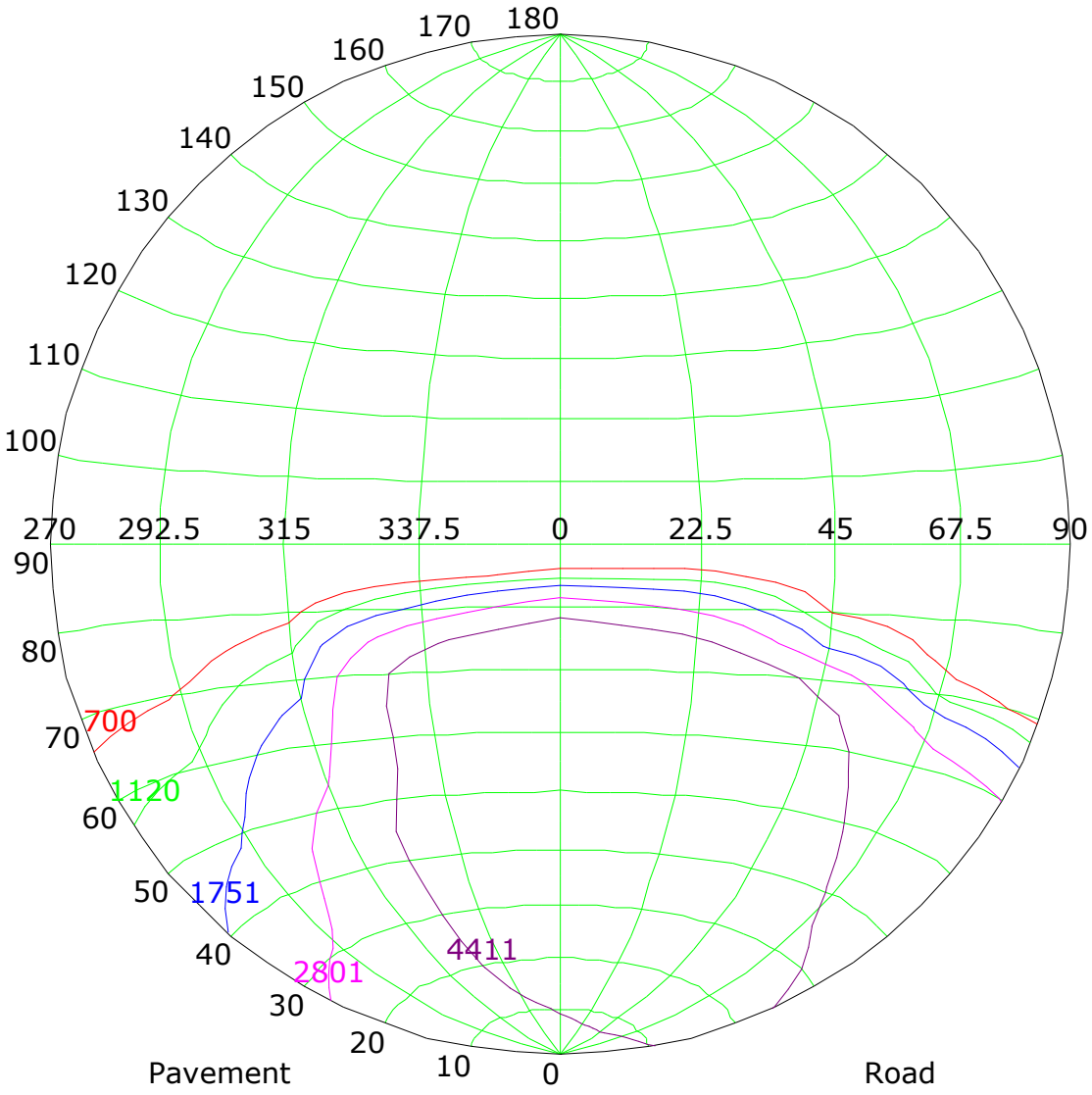
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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%): 7002 cd

(10%): 700 cd
(16%): 1120 cd
(25%): 1751 cd
(40%): 2801 cd
(63%): 4411 cd
(100%): 7002 cd

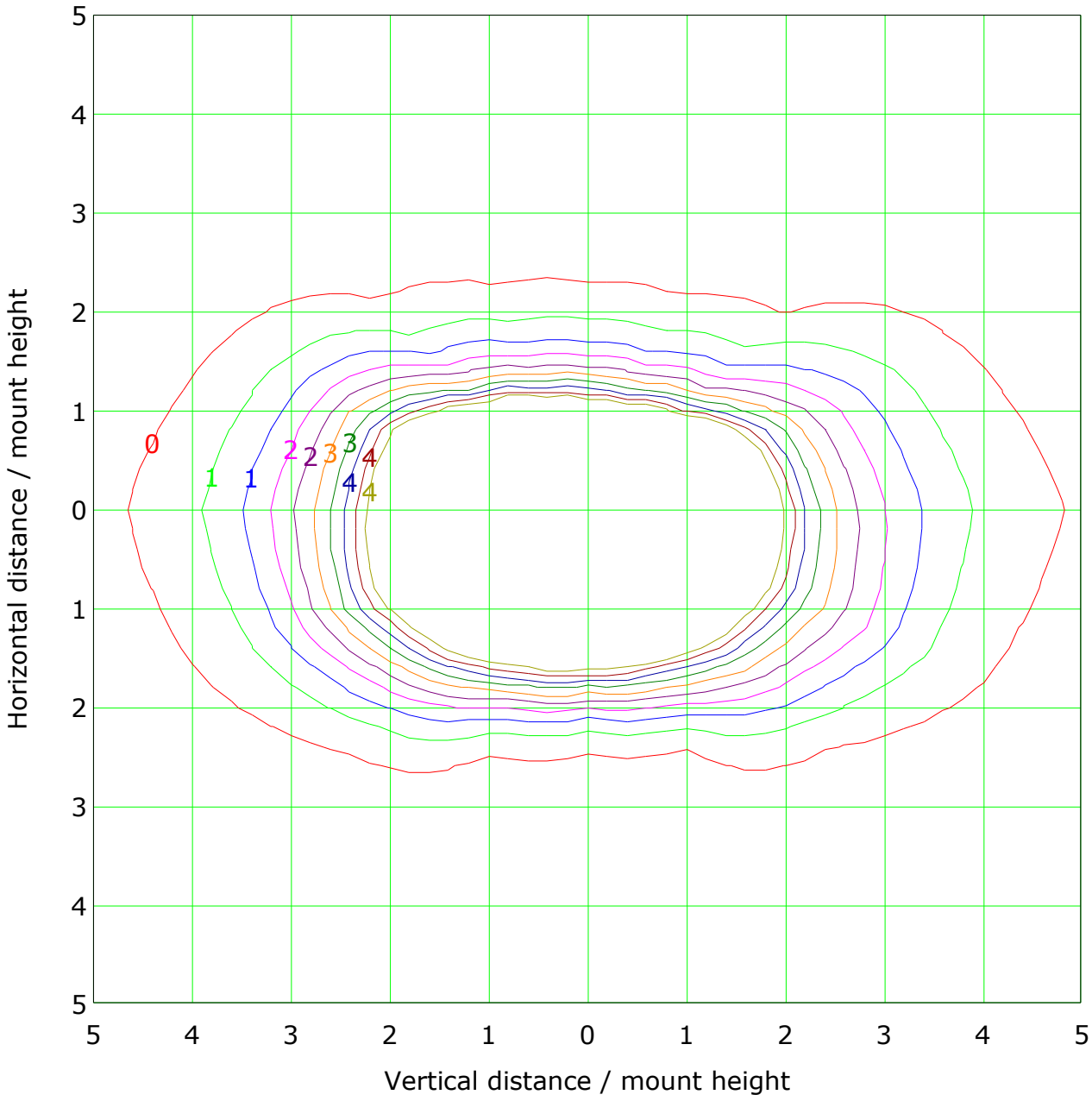
CIE: average - intermediate
CIE: Non-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Non-cut-off
Max.At80: 246.254 cd/klm
Max.80-90: 246.254 cd/klm

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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



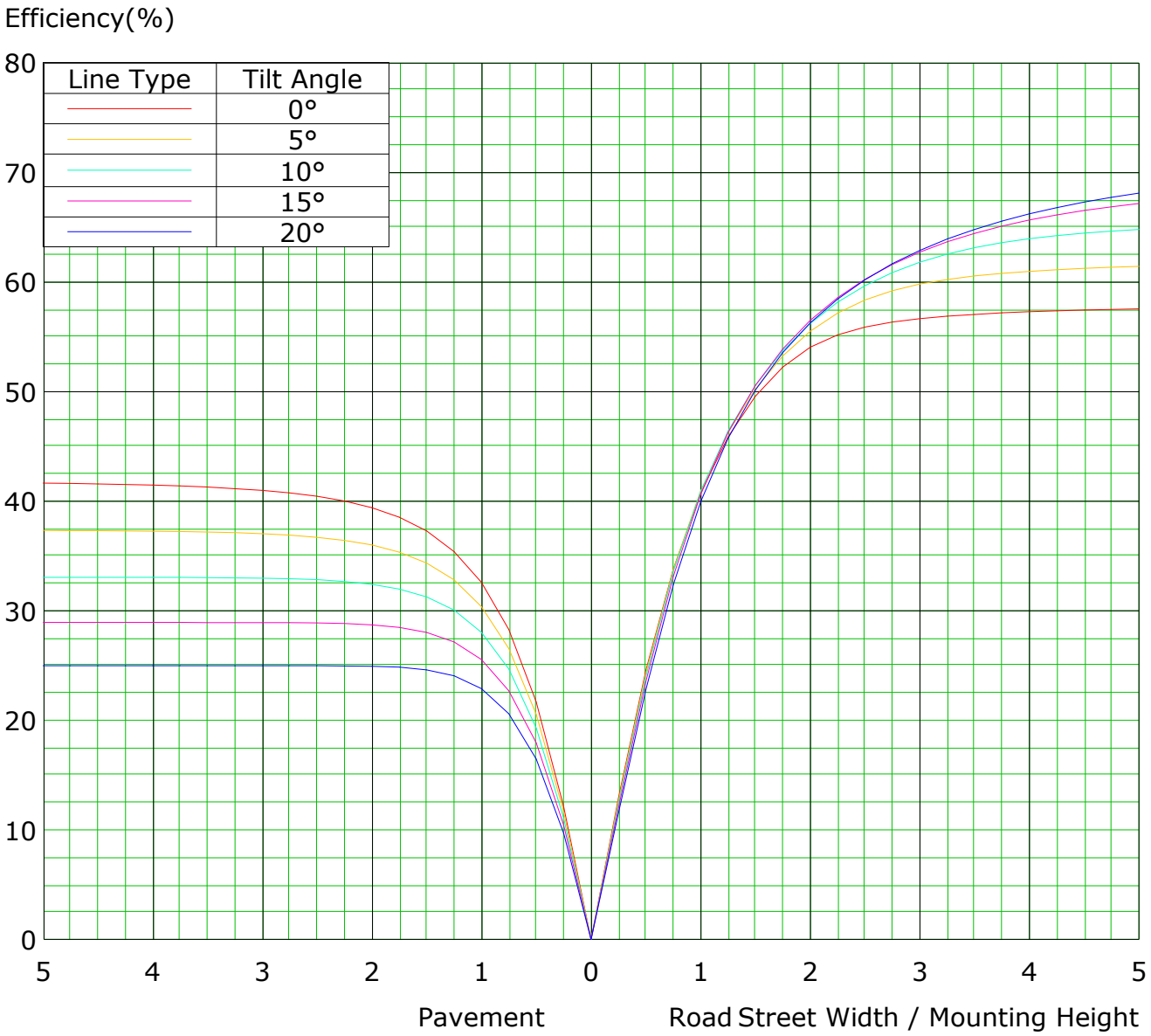
Mounting Height: 10.0m Max Lux(100%): 44.0 lx

(1%): 0.4 lx	(2%): 0.9 lx
(3%): 1.3 lx	(4%): 1.8 lx
(5%): 2.2 lx	(6%): 2.6 lx
(7%): 3.1 lx	(8%): 3.5 lx
(9%): 4.0 lx	(10%): 4.4 lx

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

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

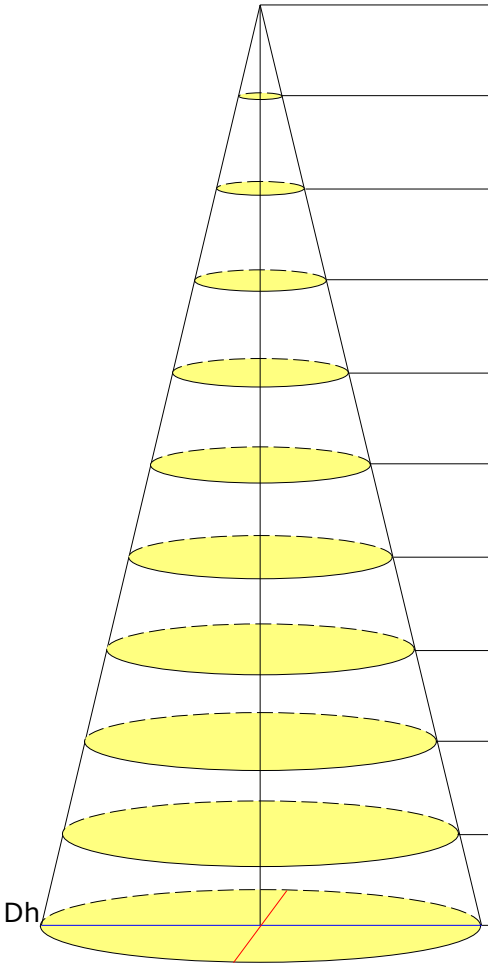
Roadway CU Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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



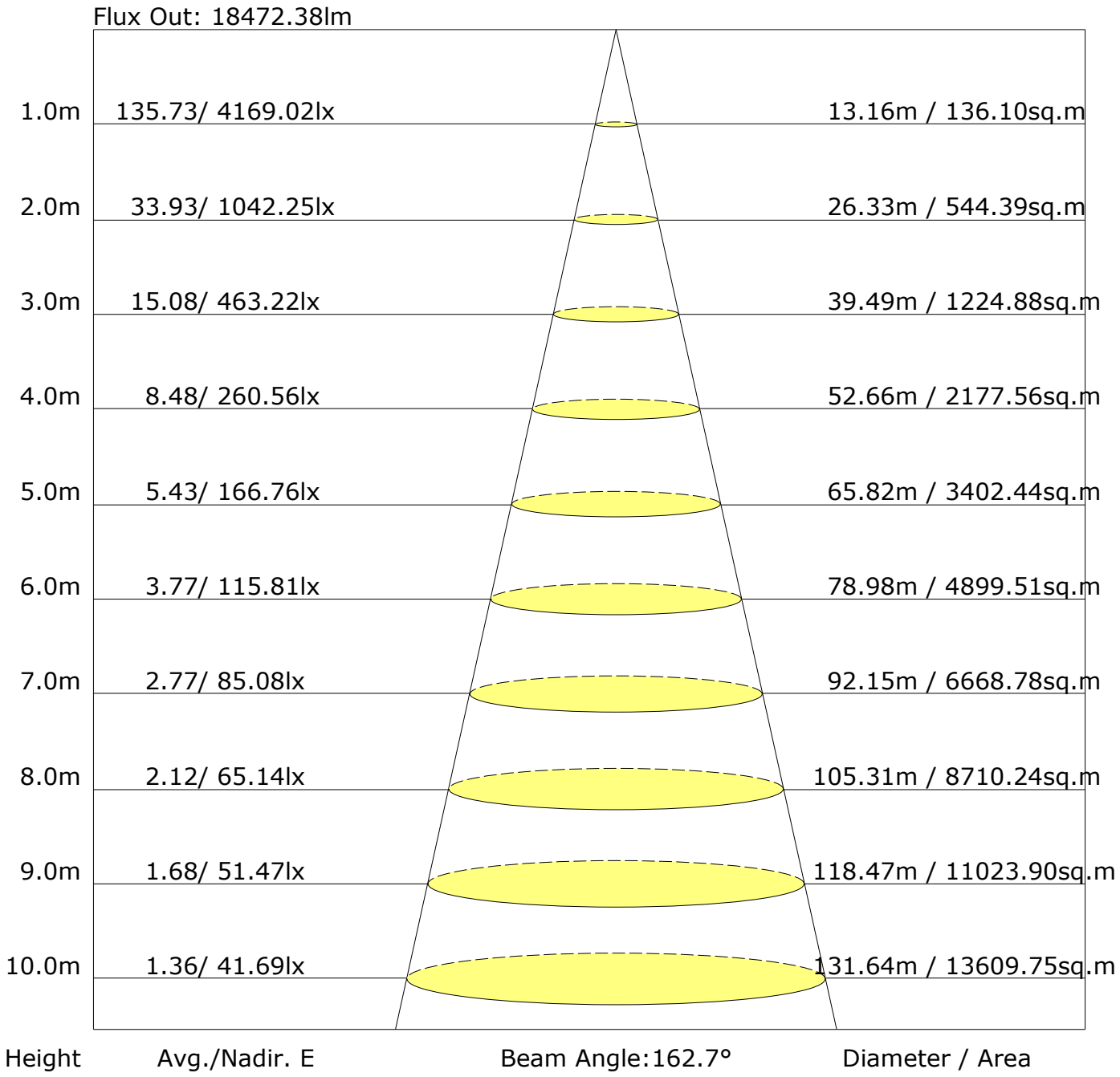
Dist(m)	Enadir(lx)	Dh/Dv_B(m) Dh/Dv_F(m)	S_B(sq.m) S_F(sq.m)	Eav_B(lx) Eav_F(lx)
1.0	4169.02	13.16/2.23	46.0	166.44
		29.37/6.13	290.1	9.45
2.0	1042.25	26.33/4.45	183.9	41.61
		58.73/12.26	1160.3	2.36
3.0	463.22	39.49/6.68	413.8	18.49
		88.10/18.39	2610.8	1.05
4.0	260.56	52.66/8.91	735.6	10.40
		117.47/24.51	4641.4	0.59
5.0	166.76	65.82/11.14	1149.4	6.66
		146.83/30.64	7252.2	0.38
6.0	115.81	78.98/13.36	1655.1	4.62
		176.20/36.77	10443.1	0.26
7.0	85.08	92.15/15.59	2252.8	3.40
		205.57/42.90	14214.3	0.19
8.0	65.14	105.31/17.82	2942.5	2.60
		234.93/49.03	18565.6	0.15
9.0	51.47	118.47/20.05	3724.1	2.05
		264.30/55.16	23497.1	0.12
10.0	41.69	131.64/22.27	4597.6	1.66
		293.67/61.28	29008.7	0.09

Beam Angle(B): H162.7 V96.2 Field Angle(F): H172.2 V143.9

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

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

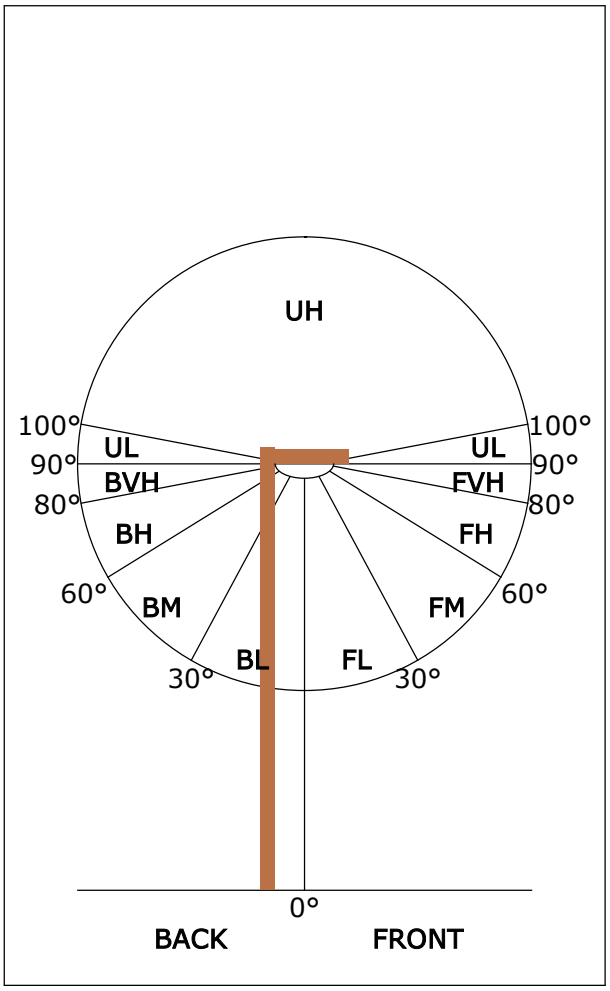
The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
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	10944	58.1
FL (0°-30°)	1946	10.3
FM (30°-60°)	5342	28.3
FH (60°-80°)	3344	17.7
FVH (80°-90°)	312	1.7
BACK LIGHT	7903	41.9
BL (0°-30°)	1616	8.6
BM (30°-60°)	3661	19.4
BH (60°-80°)	2386	12.7
BVH (80°-90°)	241	1.3
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(**B**acklight,**U**plight,**G**lare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U5 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U5 G2

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	4169.0	4.0	4.0	0.02	0.02
1.0-2.0	4169.4	12.0	16.0	0.06	0.08
2.0-3.0	4171.2	20.0	35.9	0.11	0.19
3.0-4.0	4173.7	27.9	63.9	0.15	0.34
4.0-5.0	4176.7	35.9	99.8	0.19	0.53
5.0-6.0	4180.9	43.9	143.7	0.23	0.76
6.0-7.0	4185.4	52.0	195.7	0.28	1.04
7.0-8.0	4190.3	60.0	255.7	0.32	1.36
8.0-9.0	4195.5	68.0	323.7	0.36	1.72
9.0-10.0	4200.3	76.0	399.7	0.40	2.12
10.0-11.0	4206.1	84.1	483.8	0.45	2.57
11.0-12.0	4213.0	92.1	575.9	0.49	3.06
12.0-13.0	4220.5	100.2	676.0	0.53	3.59
13.0-14.0	4228.2	108.2	784.3	0.57	4.16
14.0-15.0	4234.6	116.3	900.5	0.62	4.78
15.0-16.0	4240.8	124.3	1024.8	0.66	5.44
16.0-17.0	4245.8	132.2	1157.1	0.70	6.14
17.0-18.0	4250.1	140.2	1297.2	0.74	6.88
18.0-19.0	4253.8	148.0	1445.2	0.79	7.67
19.0-20.0	4256.4	155.8	1601.0	0.83	8.49
20.0-21.0	4258.6	163.5	1764.6	0.87	9.36
21.0-22.0	4258.6	171.2	1935.7	0.91	10.27
22.0-23.0	4256.6	178.6	2114.4	0.95	11.22
23.0-24.0	4252.8	186.0	2300.3	0.99	12.21
24.0-25.0	4247.7	193.2	2493.5	1.02	13.23
25.0-26.0	4241.8	200.3	2693.8	1.06	14.29
26.0-27.0	4233.0	207.1	2900.9	1.10	15.39
27.0-28.0	4222.2	213.8	3114.7	1.13	16.53
28.0-29.0	4210.7	220.3	3335.0	1.17	17.69
29.0-30.0	4198.1	226.7	3561.7	1.20	18.90
30.0-31.0	4183.7	232.9	3794.6	1.24	20.13
31.0-32.0	4167.4	238.8	4033.3	1.27	21.40
32.0-33.0	4150.9	244.6	4277.9	1.30	22.70
33.0-34.0	4135.2	250.3	4528.2	1.33	24.03
34.0-35.0	4119.5	255.9	4784.1	1.36	25.38
35.0-36.0	4105.7	261.5	5045.5	1.39	26.77

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	4092.1	266.9	5312.4	1.42	28.19
37.0-38.0	4078.5	272.3	5584.7	1.44	29.63
38.0-39.0	4067.6	277.7	5862.4	1.47	31.10
39.0-40.0	4059.4	283.2	6145.5	1.50	32.61
40.0-41.0	4052.6	288.6	6434.2	1.53	34.14
41.0-42.0	4045.6	294.0	6728.1	1.56	35.70
42.0-43.0	4037.7	299.1	7027.3	1.59	37.29
43.0-44.0	4028.2	304.1	7331.3	1.61	38.90
44.0-45.0	4016.4	308.7	7640.0	1.64	40.54
45.0-46.0	4000.4	312.9	7952.9	1.66	42.20
46.0-47.0	3980.3	316.6	8269.6	1.68	43.88
47.0-48.0	3955.0	319.8	8589.3	1.70	45.57
48.0-49.0	3924.3	322.3	8911.6	1.71	47.28
49.0-50.0	3890.7	324.4	9236.1	1.72	49.00
50.0-51.0	3855.2	326.2	9562.3	1.73	50.74
51.0-52.0	3819.0	327.8	9890.0	1.74	52.47
52.0-53.0	3784.3	329.2	10219.3	1.75	54.22
53.0-54.0	3751.5	330.7	10550.0	1.75	55.98
54.0-55.0	3721.7	332.3	10882.2	1.76	57.74
55.0-56.0	3694.0	333.8	11216.1	1.77	59.51
56.0-57.0	3667.2	335.3	11551.4	1.78	61.29
57.0-58.0	3639.8	336.6	11888.0	1.79	63.08
58.0-59.0	3611.3	337.7	12225.7	1.79	64.87
59.0-60.0	3585.0	338.7	12564.4	1.80	66.66
60.0-61.0	3560.8	339.9	12904.3	1.80	68.47
61.0-62.0	3532.7	340.5	13244.8	1.81	70.27
62.0-63.0	3498.5	340.3	13585.0	1.81	72.08
63.0-64.0	3458.1	339.4	13924.4	1.80	73.88
64.0-65.0	3410.9	337.6	14262.0	1.79	75.67
65.0-66.0	3358.1	335.1	14597.1	1.78	77.45
66.0-67.0	3299.9	331.9	14929.0	1.76	79.21
67.0-68.0	3238.3	328.1	15257.1	1.74	80.95
68.0-69.0	3170.5	323.5	15580.5	1.72	82.67
69.0-70.0	3096.6	318.1	15898.6	1.69	84.35
70.0-71.0	3016.0	311.8	16210.4	1.65	86.01
71.0-72.0	2910.2	302.6	16513.0	1.61	87.61

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	2770.7	289.8	16802.8	1.54	89.15
73.0-74.0	2602.2	273.6	17076.4	1.45	90.60
74.0-75.0	2408.1	254.5	17330.9	1.35	91.95
75.0-76.0	2199.4	233.5	17564.4	1.24	93.19
76.0-77.0	1990.9	212.3	17776.7	1.13	94.32
77.0-78.0	1793.7	192.0	17968.7	1.02	95.34
78.0-79.0	1605.5	172.5	18141.2	0.92	96.25
79.0-80.0	1419.2	153.0	18294.3	0.81	97.07
80.0-81.0	1230.4	133.1	18427.3	0.71	97.77
81.0-82.0	1043.9	113.2	18540.6	0.60	98.37
82.0-83.0	862.9	93.8	18634.4	0.50	98.87
83.0-84.0	687.3	74.9	18709.3	0.40	99.27
84.0-85.0	520.6	56.8	18766.1	0.30	99.57
85.0-86.0	361.7	39.5	18805.6	0.21	99.78
86.0-87.0	219.5	24.0	18829.7	0.13	99.91
87.0-88.0	106.1	11.6	18841.3	0.06	99.97
88.0-89.0	41.8	4.6	18845.9	0.02	99.99
89.0-90.0	13.2	1.4	18847.3	0.01	100.00
90.0-91.0	0.0	0.0	18847.3	0.00	100.00
91.0-92.0	0.0	0.0	18847.3	0.00	100.00
92.0-93.0	0.0	0.0	18847.3	0.00	100.00
93.0-94.0	0.0	0.0	18847.3	0.00	100.00
94.0-95.0	0.0	0.0	18847.3	0.00	100.00
95.0-96.0	0.0	0.0	18847.3	0.00	100.00
96.0-97.0	0.0	0.0	18847.3	0.00	100.00
97.0-98.0	0.0	0.0	18847.3	0.00	100.00
98.0-99.0	0.0	0.0	18847.3	0.00	100.00
99.0-100.0	0.0	0.0	18847.3	0.00	100.00
100.0-101.0	0.0	0.0	18847.3	0.00	100.00
101.0-102.0	0.0	0.0	18847.3	0.00	100.00
102.0-103.0	0.0	0.0	18847.3	0.00	100.00
103.0-104.0	0.0	0.0	18847.3	0.00	100.00
104.0-105.0	0.0	0.0	18847.3	0.00	100.00
105.0-106.0	0.0	0.0	18847.3	0.00	100.00
106.0-107.0	0.0	0.0	18847.3	0.00	100.00
107.0-108.0	0.0	0.0	18847.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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 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	18847.3	0.00	100.00
109.0-110.0	0.0	0.0	18847.3	0.00	100.00
110.0-111.0	0.0	0.0	18847.3	0.00	100.00
111.0-112.0	0.0	0.0	18847.3	0.00	100.00
112.0-113.0	0.0	0.0	18847.3	0.00	100.00
113.0-114.0	0.0	0.0	18847.3	0.00	100.00
114.0-115.0	0.0	0.0	18847.3	0.00	100.00
115.0-116.0	0.0	0.0	18847.3	0.00	100.00
116.0-117.0	0.0	0.0	18847.3	0.00	100.00
117.0-118.0	0.0	0.0	18847.3	0.00	100.00
118.0-119.0	0.0	0.0	18847.3	0.00	100.00
119.0-120.0	0.0	0.0	18847.3	0.00	100.00
120.0-121.0	0.0	0.0	18847.3	0.00	100.00
121.0-122.0	0.0	0.0	18847.3	0.00	100.00
122.0-123.0	0.0	0.0	18847.3	0.00	100.00
123.0-124.0	0.0	0.0	18847.3	0.00	100.00
124.0-125.0	0.0	0.0	18847.3	0.00	100.00
125.0-126.0	0.0	0.0	18847.3	0.00	100.00
126.0-127.0	0.0	0.0	18847.3	0.00	100.00
127.0-128.0	0.0	0.0	18847.3	0.00	100.00
128.0-129.0	0.0	0.0	18847.3	0.00	100.00
129.0-130.0	0.0	0.0	18847.3	0.00	100.00
130.0-131.0	0.0	0.0	18847.3	0.00	100.00
131.0-132.0	0.0	0.0	18847.3	0.00	100.00
132.0-133.0	0.0	0.0	18847.3	0.00	100.00
133.0-134.0	0.0	0.0	18847.3	0.00	100.00
134.0-135.0	0.0	0.0	18847.3	0.00	100.00
135.0-136.0	0.0	0.0	18847.3	0.00	100.00
136.0-137.0	0.0	0.0	18847.3	0.00	100.00
137.0-138.0	0.0	0.0	18847.3	0.00	100.00
138.0-139.0	0.0	0.0	18847.3	0.00	100.00
139.0-140.0	0.0	0.0	18847.3	0.00	100.00
140.0-141.0	0.0	0.0	18847.3	0.00	100.00
141.0-142.0	0.0	0.0	18847.3	0.00	100.00
142.0-143.0	0.0	0.0	18847.3	0.00	100.00
143.0-144.0	0.0	0.0	18847.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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 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	18847.3	0.00	100.00
145.0-146.0	0.0	0.0	18847.3	0.00	100.00
146.0-147.0	0.0	0.0	18847.3	0.00	100.00
147.0-148.0	0.0	0.0	18847.3	0.00	100.00
148.0-149.0	0.0	0.0	18847.3	0.00	100.00
149.0-150.0	0.0	0.0	18847.3	0.00	100.00
150.0-151.0	0.0	0.0	18847.3	0.00	100.00
151.0-152.0	0.0	0.0	18847.3	0.00	100.00
152.0-153.0	0.0	0.0	18847.3	0.00	100.00
153.0-154.0	0.0	0.0	18847.3	0.00	100.00
154.0-155.0	0.0	0.0	18847.3	0.00	100.00
155.0-156.0	0.0	0.0	18847.3	0.00	100.00
156.0-157.0	0.0	0.0	18847.3	0.00	100.00
157.0-158.0	0.0	0.0	18847.3	0.00	100.00
158.0-159.0	0.0	0.0	18847.3	0.00	100.00
159.0-160.0	0.0	0.0	18847.3	0.00	100.00
160.0-161.0	0.0	0.0	18847.3	0.00	100.00
161.0-162.0	0.0	0.0	18847.3	0.00	100.00
162.0-163.0	0.0	0.0	18847.3	0.00	100.00
163.0-164.0	0.0	0.0	18847.3	0.00	100.00
164.0-165.0	0.0	0.0	18847.3	0.00	100.00
165.0-166.0	0.0	0.0	18847.3	0.00	100.00
166.0-167.0	0.0	0.0	18847.3	0.00	100.00
167.0-168.0	0.0	0.0	18847.3	0.00	100.00
168.0-169.0	0.0	0.0	18847.3	0.00	100.00
169.0-170.0	0.0	0.0	18847.3	0.00	100.00
170.0-171.0	0.0	0.0	18847.3	0.00	100.00
171.0-172.0	0.0	0.0	18847.3	0.00	100.00
172.0-173.0	0.0	0.0	18847.3	0.00	100.00
173.0-174.0	0.0	0.0	18847.3	0.00	100.00
174.0-175.0	0.0	0.0	18847.3	0.00	100.00
175.0-176.0	0.0	0.0	18847.3	0.00	100.00
176.0-177.0	0.0	0.0	18847.3	0.00	100.00
177.0-178.0	0.0	0.0	18847.3	0.00	100.00
178.0-179.0	0.0	0.0	18847.3	0.00	100.00
179.0-180.0	0.0	0.0	18847.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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°): 7640.05 lm

%lum = 40.5%
%lamp = 40.5%

cone flux(120°): 12564.44 lm

%lum = 66.7%
%lamp = 66.7%

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	4169.0	4169.0	4169.0	4169.0	4169.0	4169.0	4169.0	4169.0	4169.0	4169.0
G1.0	4174.1	4192.2	4206.5	4204.5	4200.6	4198.1	4188.3	4169.7	4158.6	4140.7
G2.0	4190.2	4215.0	4241.5	4240.5	4231.3	4222.7	4202.7	4171.2	4148.5	4122.5
G3.0	4201.6	4240.4	4278.7	4273.3	4264.5	4250.5	4217.8	4178.0	4144.8	4112.7
G4.0	4221.1	4275.7	4313.7	4306.7	4292.0	4263.9	4236.0	4185.0	4142.3	4097.1
G5.0	4250.4	4311.9	4349.0	4334.6	4312.6	4287.3	4250.9	4199.9	4145.8	4082.0
G6.0	4280.9	4357.7	4384.0	4363.9	4335.3	4308.4	4268.2	4213.5	4148.7	4068.8
G7.0	4314.7	4403.6	4424.1	4390.7	4352.7	4323.9	4282.1	4227.1	4147.1	4061.8
G8.0	4359.8	4451.4	4463.6	4417.1	4371.9	4340.8	4298.4	4237.9	4155.2	4049.3
G9.0	4407.1	4501.3	4503.1	4443.3	4385.1	4355.6	4312.3	4258.5	4157.7	4036.7
G10.0	4457.5	4553.6	4543.1	4462.4	4402.4	4363.1	4329.8	4272.8	4166.4	4027.0
G11.0	4523.4	4613.1	4583.8	4484.3	4418.8	4374.4	4348.1	4289.5	4176.6	4019.0
G12.0	4576.6	4682.7	4622.3	4504.6	4428.9	4391.2	4364.8	4311.8	4185.8	4008.3
G13.0	4630.8	4745.8	4670.4	4526.4	4441.5	4399.0	4383.2	4334.0	4201.9	4006.7
G14.0	4689.9	4812.2	4710.8	4545.8	4452.7	4416.3	4398.1	4353.7	4215.0	3997.3
G15.0	4746.2	4870.0	4755.7	4578.6	4462.3	4425.1	4413.5	4370.2	4228.8	3985.8
G16.0	4796.6	4927.1	4800.9	4597.6	4470.6	4432.9	4430.4	4391.4	4241.0	3986.6
G17.0	4853.3	4979.9	4841.8	4615.2	4476.1	4440.9	4447.1	4408.4	4254.9	3978.4
G18.0	4906.0	5035.5	4882.7	4633.3	4477.7	4450.4	4465.1	4430.8	4271.1	3976.2
G19.0	4961.2	5083.3	4917.6	4642.8	4479.1	4457.4	4479.9	4447.9	4287.9	3973.2
G20.0	5006.2	5134.7	4957.6	4651.5	4475.6	4463.2	4495.5	4469.9	4301.8	3970.1
G21.0	5052.2	5181.4	4988.6	4666.4	4472.0	4461.8	4516.2	4484.2	4315.0	3970.5
G22.0	5102.6	5221.9	5018.0	4673.2	4462.4	4464.5	4524.0	4496.8	4326.5	3967.5
G23.0	5159.3	5265.4	5052.2	4671.1	4448.2	4459.5	4537.6	4509.4	4335.7	3964.6
G24.0	5205.5	5306.8	5073.1	4670.5	4430.1	4450.8	4550.2	4518.3	4348.8	3956.6
G25.0	5261.6	5353.0	5104.1	4664.6	4406.0	4438.4	4557.6	4528.9	4360.3	3957.7
G26.0	5309.9	5394.5	5131.1	4654.0	4390.9	4429.2	4555.8	4541.1	4369.2	3953.2
G27.0	5350.3	5430.4	5151.1	4638.8	4363.2	4417.9	4562.3	4545.0	4379.8	3950.9
G28.0	5394.9	5468.9	5164.6	4626.4	4339.8	4392.8	4562.1	4544.5	4388.1	3949.1
G29.0	5443.5	5506.7	5185.2	4608.3	4314.8	4373.9	4561.9	4552.6	4400.0	3941.1
G30.0	5490.6	5546.1	5197.8	4585.4	4283.9	4354.8	4556.7	4555.8	4406.9	3939.3
G31.0	5540.5	5578.6	5208.8	4560.3	4259.2	4334.1	4543.9	4560.1	4414.3	3935.4
G32.0	5584.8	5611.8	5214.7	4544.3	4220.8	4303.5	4534.4	4563.5	4421.4	3930.7
G33.0	5637.7	5642.8	5221.9	4509.8	4193.3	4276.6	4520.0	4569.4	4431.5	3934.1
G34.0	5689.7	5679.7	5226.6	4477.1	4161.2	4247.2	4512.8	4575.5	4450.8	3933.8
G35.0	5734.0	5715.8	5230.4	4450.6	4125.0	4217.4	4503.6	4586.3	4466.0	3937.1
G36.0	5794.1	5760.5	5241.6	4428.7	4100.1	4193.6	4492.1	4590.4	4486.4	3941.1

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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	5847.6	5801.9	5245.7	4404.5	4072.1	4163.5	4475.4	4595.1	4495.2	3942.1
G38.0	5898.2	5842.9	5259.4	4380.2	4040.9	4137.1	4457.2	4600.6	4515.4	3945.9
G39.0	5953.6	5895.0	5273.5	4354.9	4015.6	4115.8	4445.7	4613.7	4530.6	3950.5
G40.0	6024.1	5943.9	5286.1	4326.2	3989.4	4091.2	4425.0	4624.5	4554.7	3959.8
G41.0	6092.5	6004.5	5289.2	4298.4	3954.2	4065.2	4402.1	4642.4	4576.4	3964.3
G42.0	6166.4	6061.1	5281.9	4263.1	3923.0	4033.8	4378.7	4654.1	4604.9	3979.2
G43.0	6244.8	6110.1	5266.5	4226.0	3886.6	4004.7	4349.7	4663.0	4632.6	3989.6
G44.0	6322.1	6155.1	5254.0	4199.3	3843.8	3974.3	4325.8	4670.4	4660.7	3997.6
G45.0	6380.0	6197.7	5232.0	4161.0	3803.2	3943.7	4297.7	4672.9	4690.4	4000.1
G46.0	6428.8	6225.2	5213.8	4124.6	3763.9	3908.9	4271.1	4680.1	4714.0	3999.6
G47.0	6451.8	6236.6	5198.2	4098.6	3730.4	3882.3	4246.6	4683.5	4731.8	3990.5
G48.0	6457.1	6247.6	5173.8	4067.0	3692.6	3844.1	4220.3	4678.1	4741.2	3973.2
G49.0	6434.0	6243.2	5150.4	4026.0	3645.4	3808.2	4199.1	4678.3	4737.2	3953.9
G50.0	6391.3	6246.8	5129.7	3992.6	3595.1	3769.0	4177.7	4681.3	4723.0	3931.6
G51.0	6328.7	6235.9	5112.0	3961.1	3540.1	3728.6	4161.1	4679.5	4708.7	3910.9
G52.0	6277.9	6222.9	5099.8	3917.7	3486.3	3685.6	4149.4	4673.2	4697.2	3891.0
G53.0	6235.6	6209.1	5088.6	3866.3	3428.4	3637.8	4138.2	4667.2	4689.5	3873.6
G54.0	6198.6	6201.6	5071.1	3819.0	3372.5	3587.2	4125.3	4674.3	4676.6	3867.1
G55.0	6180.9	6203.8	5053.7	3776.8	3306.3	3535.6	4120.2	4676.1	4683.7	3858.1
G56.0	6172.0	6222.7	5044.5	3724.1	3228.9	3484.6	4115.2	4681.0	4685.1	3860.3
G57.0	6167.6	6236.6	5040.2	3657.5	3150.8	3425.7	4115.9	4690.6	4692.4	3864.9
G58.0	6162.8	6262.3	5034.4	3588.6	3042.2	3357.9	4113.0	4712.5	4702.3	3862.4
G59.0	6170.8	6300.6	5028.8	3513.2	2925.6	3275.8	4117.7	4739.6	4718.6	3866.7
G60.0	6189.2	6351.5	5029.2	3421.0	2778.0	3188.0	4124.2	4775.8	4739.3	3885.1
G61.0	6215.9	6427.1	5024.5	3313.5	2603.5	3077.2	4136.3	4817.4	4771.0	3905.0
G62.0	6241.8	6499.1	5014.8	3152.0	2386.8	2936.6	4146.7	4874.6	4797.7	3923.6
G63.0	6284.9	6581.4	4992.1	2958.4	2137.9	2760.5	4152.8	4931.3	4832.7	3956.9
G64.0	6322.1	6679.8	4950.6	2734.0	1834.8	2515.9	4159.5	5009.6	4884.9	4000.1
G65.0	6383.5	6787.2	4899.6	2469.6	1526.4	2248.9	4157.0	5109.0	4938.9	4046.3
G66.0	6438.7	6884.6	4816.7	2125.6	1218.8	1948.4	4136.3	5229.3	5012.2	4115.9
G67.0	6489.5	6959.3	4695.7	1774.0	957.3	1607.3	4090.9	5370.6	5100.0	4178.3
G68.0	6573.3	7002.1	4478.2	1414.9	777.7	1261.9	3989.2	5517.4	5214.0	4241.6
G69.0	6629.0	6987.1	4207.6	1129.6	664.4	958.3	3840.3	5674.2	5328.3	4305.1
G70.0	6669.4	6885.1	3838.0	922.2	586.7	791.3	3596.1	5817.3	5444.8	4353.8
G71.0	6687.4	6712.1	3427.8	775.6	533.1	677.3	3288.8	5927.5	5575.4	4365.2
G72.0	6655.2	6367.3	2962.8	685.4	474.0	601.7	2883.3	5956.8	5696.3	4324.7
G73.0	6569.0	5883.1	2474.7	611.4	429.6	541.0	2382.8	5843.3	5787.9	4239.3

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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	6324.2	5344.6	2015.0	544.0	392.6	483.5	1849.6	5578.4	5847.4	4120.5
G75.0	5957.7	4675.0	1618.5	487.5	358.6	434.5	1407.0	5183.4	5818.2	3953.6
G76.0	5507.1	4144.8	1331.5	436.5	317.4	396.6	1121.9	4671.1	5701.6	3658.5
G77.0	5116.3	3645.2	1098.0	390.2	291.7	357.6	906.8	4174.4	5545.1	3310.4
G78.0	4690.3	3266.5	931.5	352.2	258.8	313.7	770.2	3691.9	5351.0	2997.4
G79.0	4208.8	2923.2	795.6	310.1	229.5	283.9	659.3	3231.6	5076.4	2628.3
G80.0	3650.8	2585.4	685.2	281.4	201.3	248.4	573.1	2819.7	4641.2	2323.7
G81.0	2972.2	2249.3	577.1	237.1	179.6	216.8	492.1	2483.7	4130.2	2001.4
G82.0	2356.5	1934.9	486.3	206.5	154.3	183.6	418.5	2167.7	3515.9	1668.4
G83.0	1764.1	1575.5	407.6	180.5	132.6	154.0	345.8	1839.0	2876.8	1353.4
G84.0	1357.0	1229.1	343.2	147.2	107.2	128.1	289.3	1457.3	2205.7	1035.4
G85.0	913.8	928.7	269.5	120.5	90.2	103.5	226.8	1136.8	1545.7	775.0
G86.0	550.6	580.9	188.1	91.8	63.2	76.5	163.4	800.8	934.5	516.0
G87.0	277.9	343.9	117.5	53.4	38.3	52.6	99.4	496.3	435.9	255.4
G88.0	111.7	137.9	57.7	39.1	25.6	27.8	46.4	178.2	83.7	56.9
G89.0	45.5	31.8	37.7	23.5	19.0	22.3	34.4	42.9	29.6	27.5
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: 24.7 '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	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: 24.7 '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	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: 24.7 '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	4169.0	4169.0	4169.0	4169.0	4169.0	4169.0	4169.0			
G1.0	4137.5	4131.6	4137.6	4143.1	4153.7	4166.3	4174.1			
G2.0	4109.9	4093.4	4104.9	4114.4	4137.9	4170.1	4190.2			
G3.0	4077.9	4059.0	4072.5	4091.2	4123.1	4174.2	4201.6			
G4.0	4053.9	4023.6	4037.5	4063.0	4110.3	4175.5	4221.1			
G5.0	4028.1	3989.6	3997.5	4033.6	4099.0	4185.2	4250.4			
G6.0	4001.1	3950.0	3951.4	4004.7	4092.7	4203.3	4280.9			
G7.0	3978.2	3910.9	3907.5	3969.2	4086.0	4220.8	4314.7			
G8.0	3951.9	3871.6	3859.4	3938.8	4078.8	4243.3	4359.8			
G9.0	3926.0	3822.9	3811.9	3902.6	4074.7	4269.1	4407.1			
G10.0	3892.8	3777.2	3759.7	3867.8	4066.4	4299.4	4457.5			
G11.0	3858.4	3729.7	3708.2	3832.9	4061.9	4333.1	4523.4			
G12.0	3826.9	3683.4	3657.8	3790.2	4058.3	4365.7	4576.6			
G13.0	3799.1	3642.2	3609.0	3753.8	4055.3	4397.3	4630.8			
G14.0	3771.0	3596.5	3555.7	3711.3	4049.7	4428.8	4689.9			
G15.0	3739.0	3548.5	3503.9	3674.6	4045.7	4454.5	4746.2			
G16.0	3707.1	3499.9	3457.6	3633.2	4037.1	4493.2	4796.6			
G17.0	3677.5	3452.4	3401.6	3585.5	4025.7	4524.9	4853.3			
G18.0	3649.2	3397.6	3348.4	3542.2	4013.0	4562.1	4906.0			
G19.0	3617.0	3348.4	3287.9	3498.3	4002.0	4597.6	4961.2			
G20.0	3581.5	3295.9	3235.8	3457.1	3993.3	4632.7	5006.2			
G21.0	3550.5	3249.1	3184.5	3412.5	3979.7	4666.2	5052.2			
G22.0	3508.5	3197.3	3127.4	3369.8	3966.3	4697.8	5102.6			
G23.0	3472.5	3146.8	3065.4	3320.9	3947.3	4731.7	5159.3			
G24.0	3442.2	3089.6	2999.0	3266.0	3926.6	4767.0	5205.5			
G25.0	3413.2	3031.2	2929.5	3216.0	3908.8	4795.9	5261.6			
G26.0	3375.9	2961.5	2863.6	3160.7	3889.3	4831.0	5309.9			
G27.0	3343.8	2899.1	2788.5	3097.5	3865.0	4862.2	5350.3			
G28.0	3308.9	2835.1	2713.2	3040.3	3851.9	4885.4	5394.9			
G29.0	3270.1	2767.2	2627.2	2973.5	3831.5	4919.4	5443.5			
G30.0	3231.6	2694.0	2548.3	2905.7	3811.2	4953.7	5490.6			
G31.0	3191.9	2612.5	2459.6	2837.4	3789.9	4990.3	5540.5			
G32.0	3146.4	2540.2	2375.3	2763.2	3769.3	5014.7	5584.8			
G33.0	3110.7	2458.5	2288.3	2698.0	3746.6	5052.1	5637.7			
G34.0	3076.4	2373.4	2201.7	2620.1	3726.8	5083.3	5689.7			
G35.0	3036.3	2292.3	2112.7	2551.4	3708.2	5122.2	5734.0			
G36.0	2998.4	2205.8	2027.5	2478.6	3689.3	5165.1	5794.1			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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	2948.7	2123.0	1954.2	2407.7	3673.3	5203.3	5847.6			
G38.0	2911.6	2045.9	1886.9	2335.8	3651.2	5248.8	5898.2			
G39.0	2870.3	1972.2	1821.8	2266.4	3629.4	5294.7	5953.6			
G40.0	2833.4	1905.4	1773.3	2205.2	3610.0	5346.0	6024.1			
G41.0	2789.1	1843.2	1725.4	2148.1	3588.9	5400.0	6092.5			
G42.0	2742.2	1779.9	1683.2	2095.8	3566.6	5462.4	6166.4			
G43.0	2692.0	1730.8	1645.7	2048.9	3528.8	5509.7	6244.8			
G44.0	2641.1	1684.0	1604.5	1996.1	3496.6	5547.2	6322.1			
G45.0	2591.1	1637.7	1566.2	1949.5	3445.4	5582.2	6380.0			
G46.0	2535.2	1598.0	1524.1	1900.3	3383.2	5592.6	6428.8			
G47.0	2473.9	1553.9	1491.6	1849.8	3314.8	5573.0	6451.8			
G48.0	2410.0	1509.8	1457.0	1803.0	3241.5	5537.2	6457.1			
G49.0	2348.2	1473.6	1417.4	1745.9	3163.9	5499.0	6434.0			
G50.0	2282.8	1433.6	1382.3	1695.8	3083.7	5461.3	6391.3			
G51.0	2217.9	1393.1	1341.6	1647.8	3003.4	5417.0	6328.7			
G52.0	2159.0	1356.7	1307.9	1587.7	2918.8	5390.7	6277.9			
G53.0	2099.9	1312.8	1271.5	1539.1	2843.2	5373.5	6235.6			
G54.0	2047.5	1277.8	1230.1	1491.7	2768.1	5366.1	6198.6			
G55.0	1990.2	1235.3	1190.7	1449.9	2695.8	5362.2	6180.9			
G56.0	1931.6	1202.2	1143.5	1407.5	2613.0	5371.3	6172.0			
G57.0	1878.5	1166.9	1087.6	1363.4	2539.2	5385.3	6167.6			
G58.0	1827.9	1119.7	1051.0	1306.5	2469.2	5397.8	6162.8			
G59.0	1779.6	1057.9	1010.6	1228.5	2398.6	5418.8	6170.8			
G60.0	1729.5	1019.7	975.1	1187.3	2328.4	5447.5	6189.2			
G61.0	1680.3	987.3	933.5	1154.1	2254.1	5477.8	6215.9			
G62.0	1634.0	954.8	880.6	1110.2	2196.1	5517.8	6241.8			
G63.0	1589.7	906.1	844.1	1054.0	2135.1	5566.8	6284.9			
G64.0	1537.6	862.3	800.8	1001.0	2055.4	5625.8	6322.1			
G65.0	1468.6	822.7	747.7	963.3	1935.3	5670.9	6383.5			
G66.0	1397.1	785.8	704.0	909.8	1851.2	5709.0	6438.7			
G67.0	1354.9	726.5	655.4	839.0	1789.1	5726.7	6489.5			
G68.0	1309.9	692.4	602.8	807.9	1708.0	5719.5	6573.3			
G69.0	1232.2	642.0	564.5	734.2	1581.6	5665.6	6629.0			
G70.0	1169.0	602.6	507.1	698.0	1520.6	5546.7	6669.4			
G71.0	1123.2	565.2	460.5	645.9	1439.2	5360.5	6687.4			
G72.0	1040.7	510.7	413.1	592.0	1316.5	5081.0	6655.2			
G73.0	982.8	456.9	369.0	515.3	1234.6	4780.8	6569.0			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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	906.1	416.4	336.9	461.8	1113.1	4433.5	6324.2			
G75.0	840.3	376.1	293.4	414.5	1024.7	4046.9	5957.7			
G76.0	767.4	349.5	270.7	377.7	913.3	3524.0	5507.1			
G77.0	681.8	313.0	204.7	337.0	808.2	3038.5	5116.3			
G78.0	582.7	258.6	140.4	265.5	687.9	2619.9	4690.3			
G79.0	521.1	195.9	78.1	197.0	621.2	2238.7	4208.8			
G80.0	465.4	133.0	13.7	123.5	555.1	1913.4	3650.8			
G81.0	402.9	79.4	11.5	77.8	484.2	1562.5	2972.2			
G82.0	344.9	60.9	9.8	63.3	415.8	1261.1	2356.5			
G83.0	283.2	53.8	11.4	59.1	351.4	976.7	1764.1			
G84.0	222.9	45.0	9.6	42.5	271.2	737.7	1357.0			
G85.0	167.6	38.0	9.6	37.3	171.7	495.8	913.8			
G86.0	105.2	29.6	9.6	29.6	100.6	304.8	550.6			
G87.0	55.7	17.4	8.2	15.9	49.9	161.9	277.9			
G88.0	29.6	12.7	11.2	10.7	25.7	61.0	111.7			
G89.0	18.0	8.6	7.6	12.1	23.9	37.3	45.5			
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: 24.7 '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	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: 24.7 '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	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: 24.7 'C
Operator:

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