

Report No.:

Test Time: 2023/6/19 13:43

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.251 A
Power Factor: 0.995

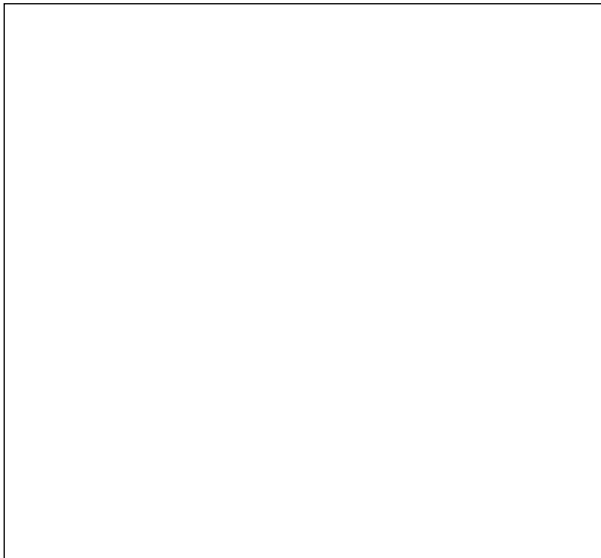
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 29.92 W

Photometric Results

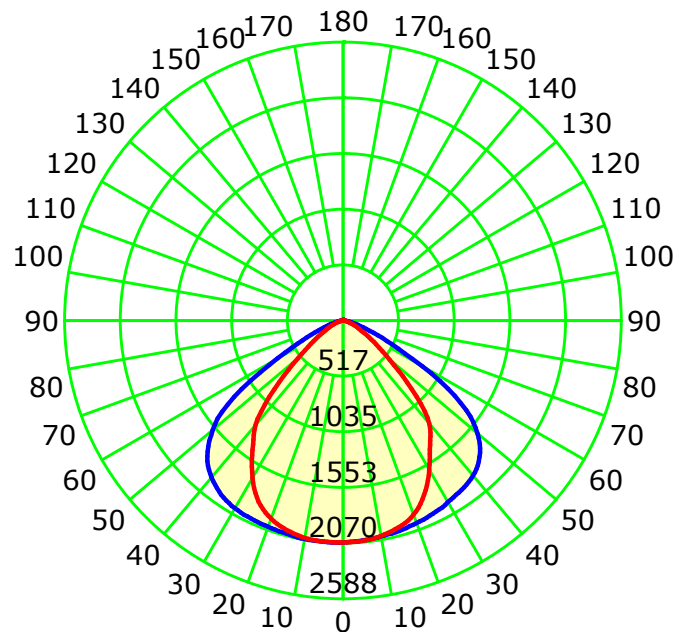
IES Classification: Type I
Total Rated Lamp Lumens: 4806.0 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 2064.22 cd
Pos of Max. Intensity: H202.5 V12
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 115.2, 86.8, 102.4, 101.8

Longitudinal Classification: Very Short
Measurement Flux: 4806 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 160.68
Max. Intensity: 2070.82 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

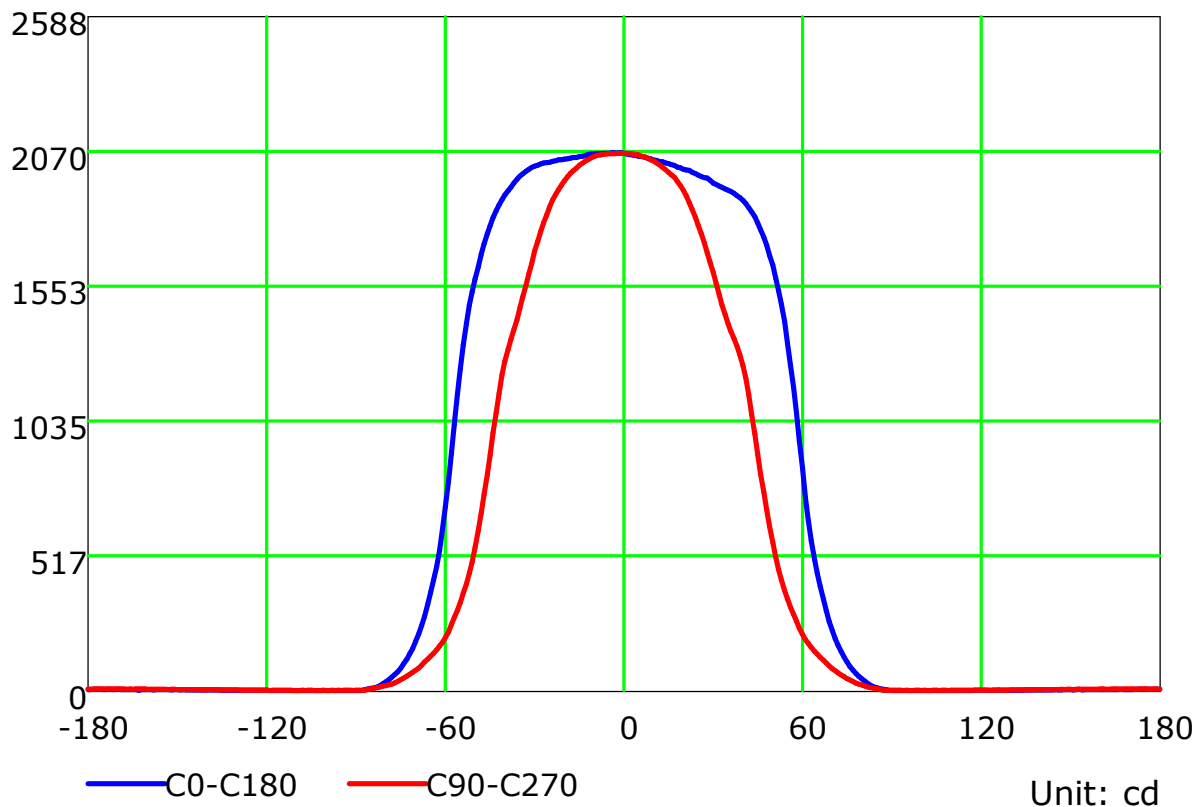
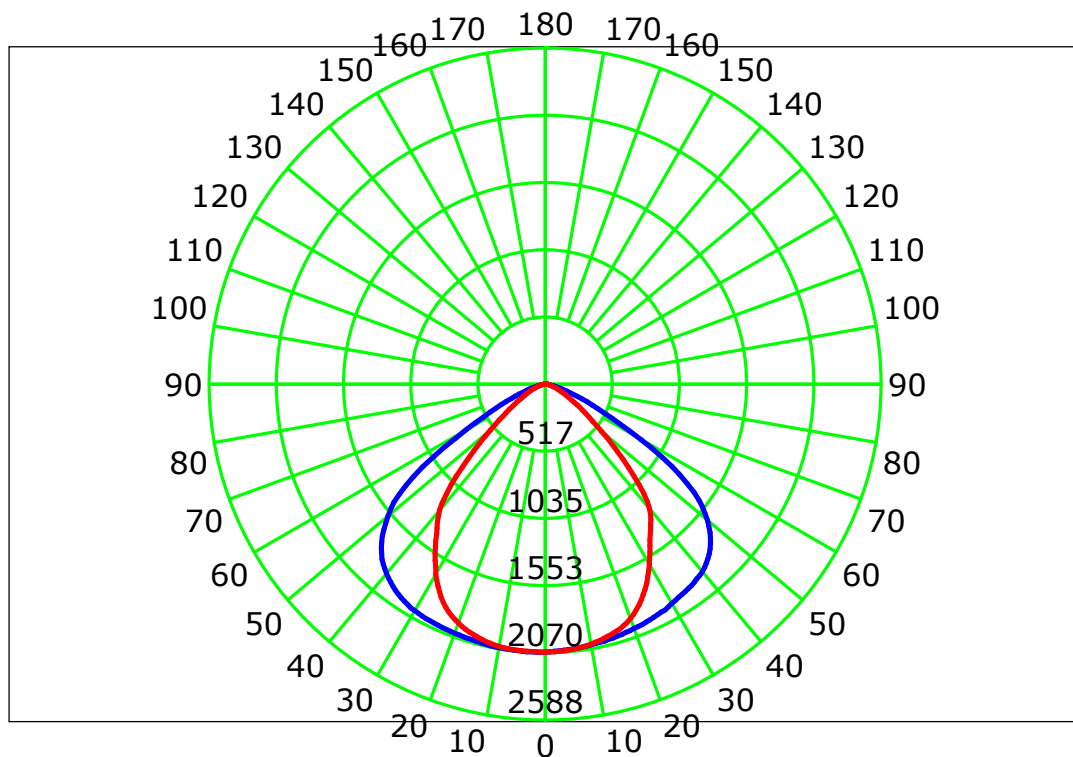
Average Diffuse Angle(50%): 101.0°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.5 'C
Operator:

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

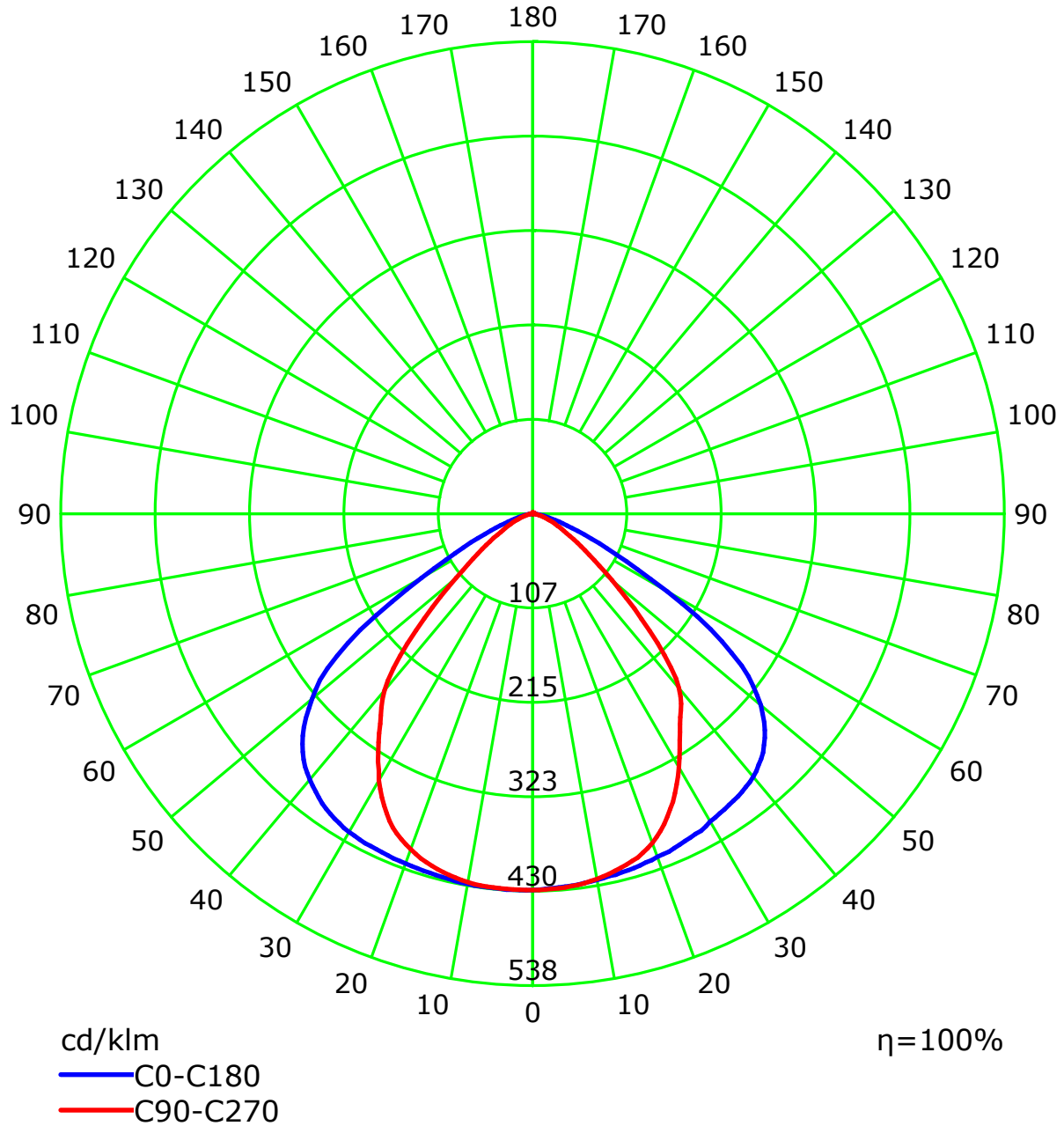
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.5 'C
Operator:

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

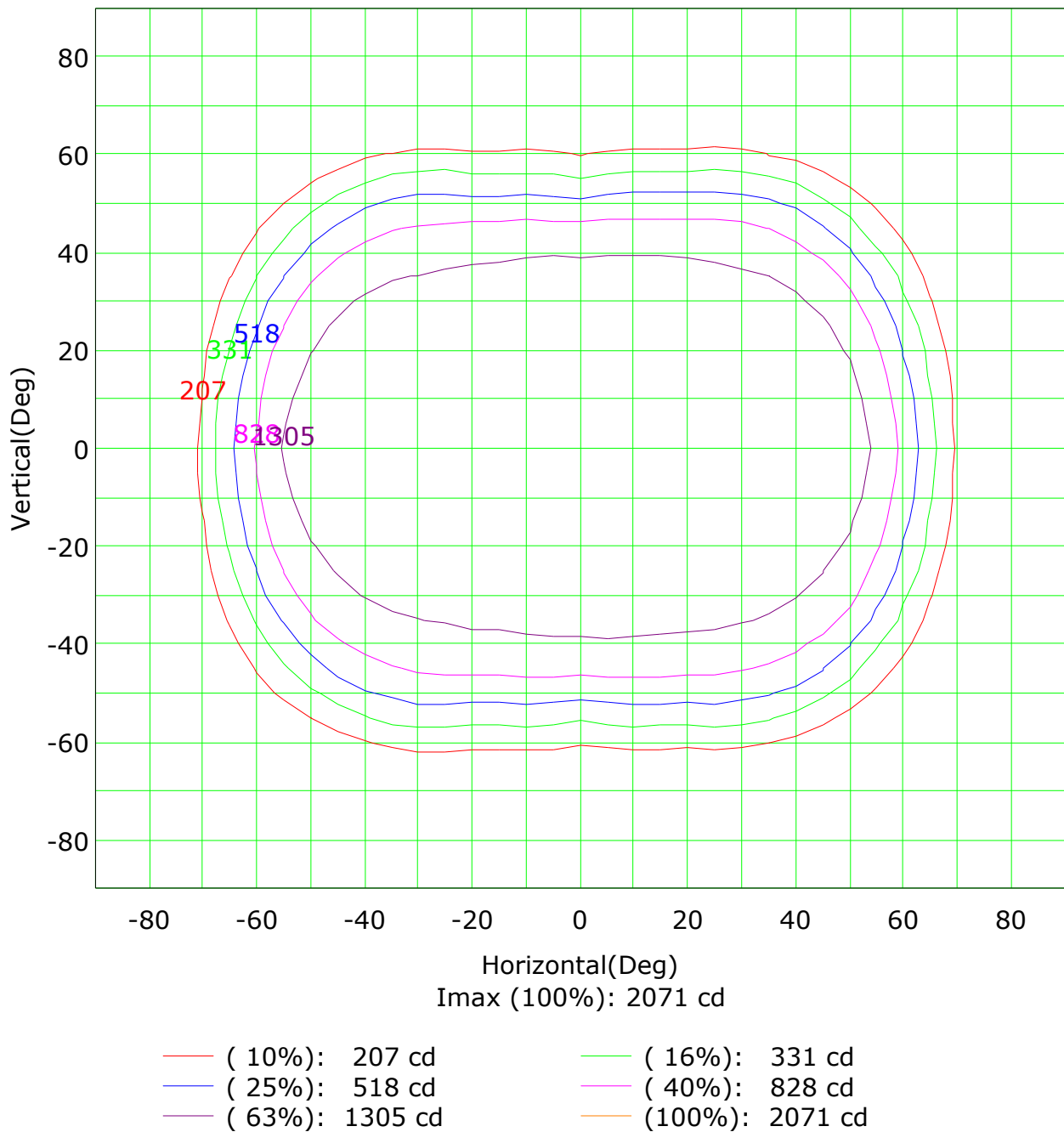
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.5 'C
Operator:

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

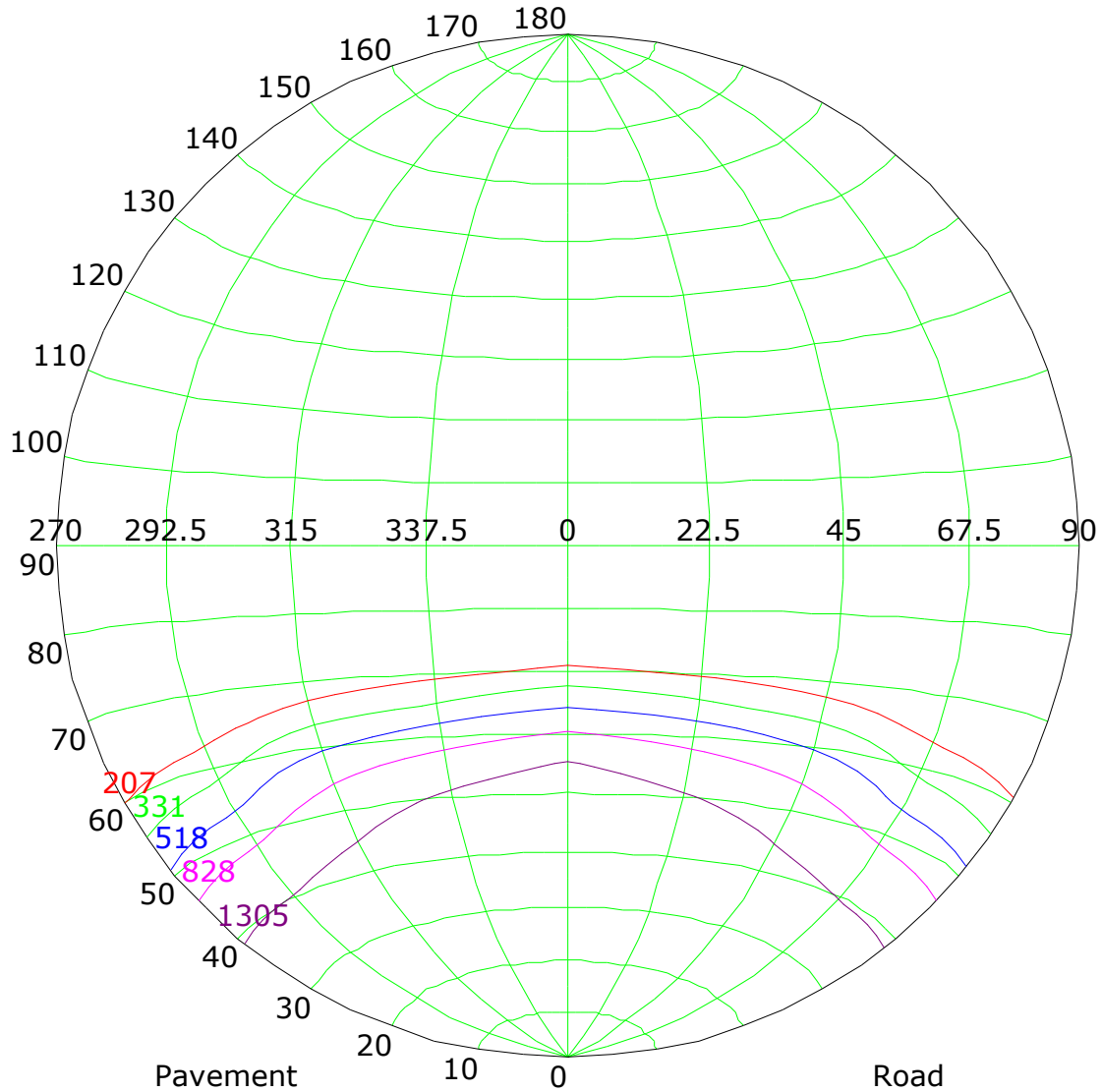
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.5 '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%): 2071 cd

(10%): 207 cd
(25%): 518 cd
(63%): 1305 cd

(16%): 331 cd
(40%): 828 cd
(100%): 2071 cd

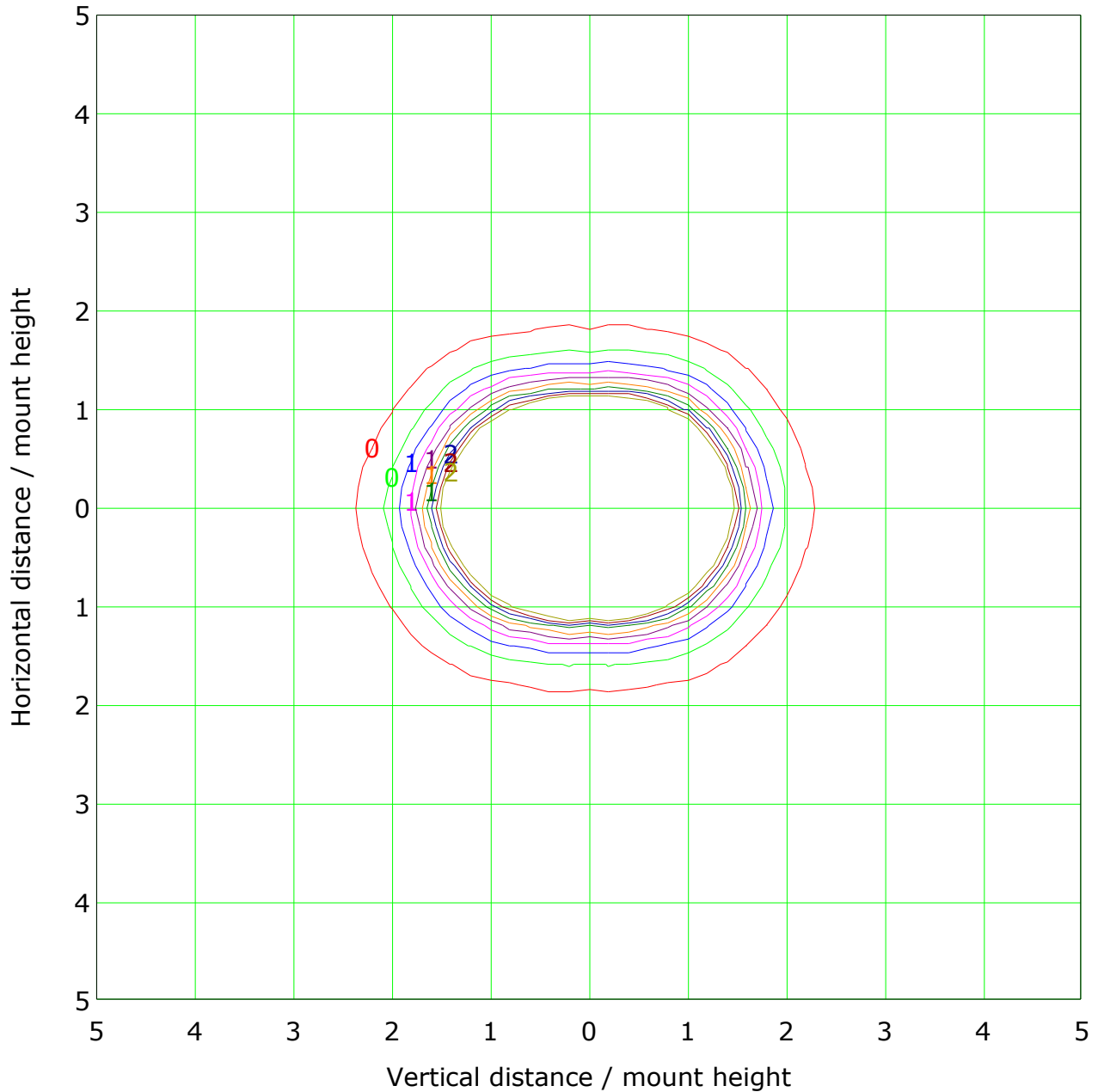
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.386 cd/klm

IES: Cut-off
Max.At80: 9.399 cd/klm
Max.80-90: 9.399 cd/klm

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Test Lab:
Test Type: TYPE C
Temperature: 25.5 '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



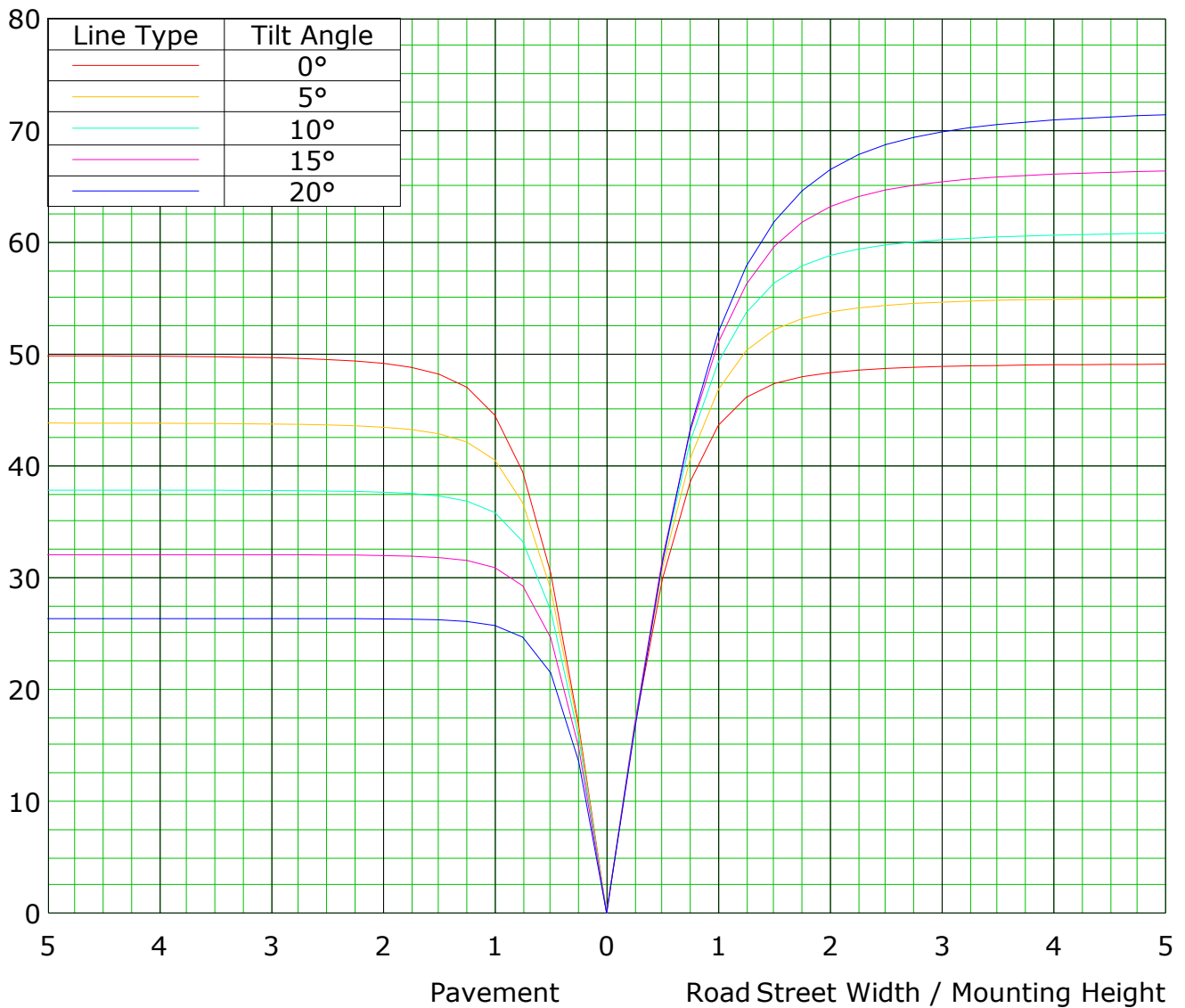
Mounting Height: 10.0m		Max Lux(100%): 20.6 lx	
(1%):	0.2 lx	(2%):	0.4 lx
(3%):	0.6 lx	(4%):	0.8 lx
(5%):	1.0 lx	(6%):	1.2 lx
(7%):	1.4 lx	(8%):	1.7 lx
(9%):	1.9 lx	(10%):	2.1 lx

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Test Type: TYPE C
Temperature: 25.5 '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

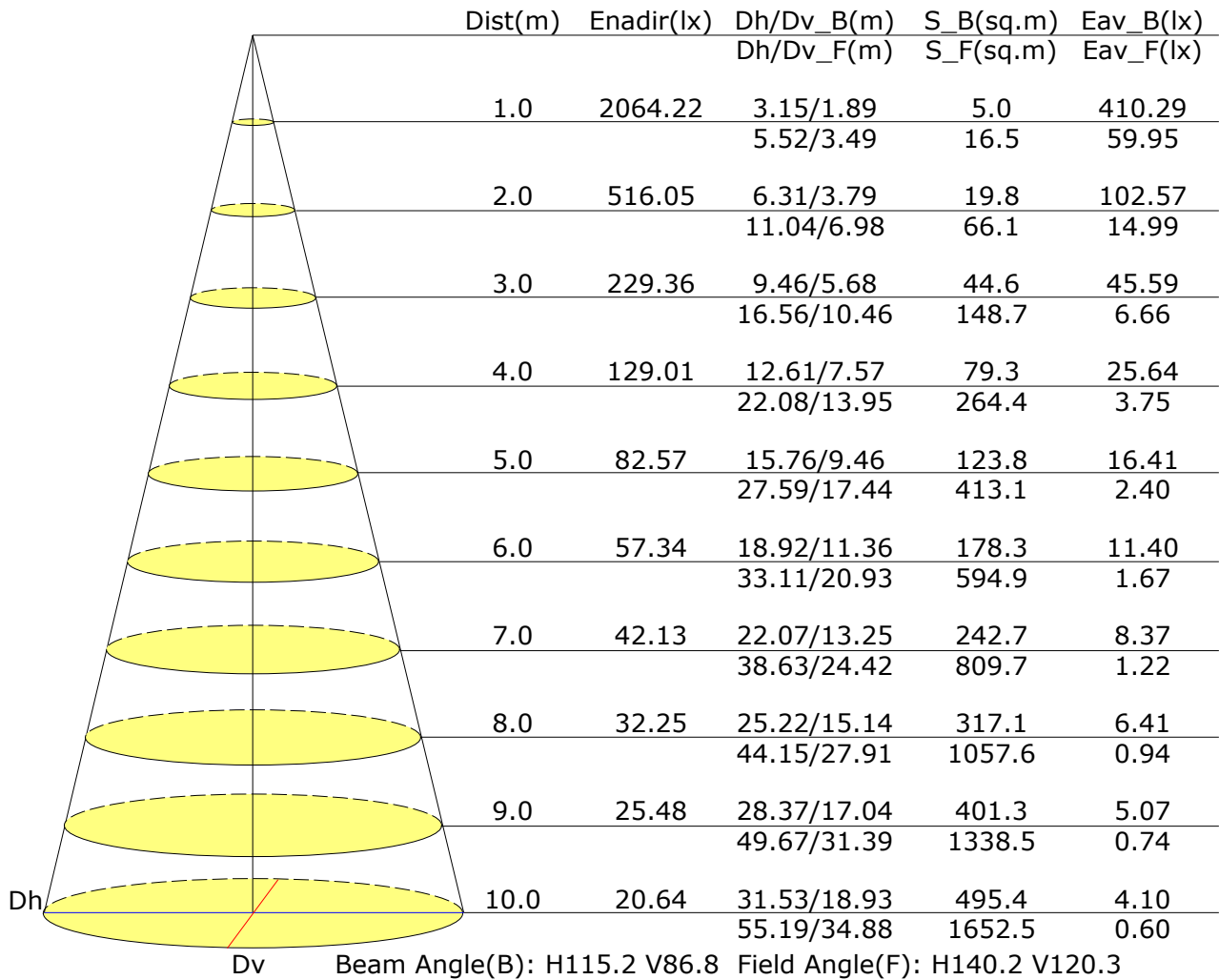
Efficiency(%)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.5 'C
Operator:

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

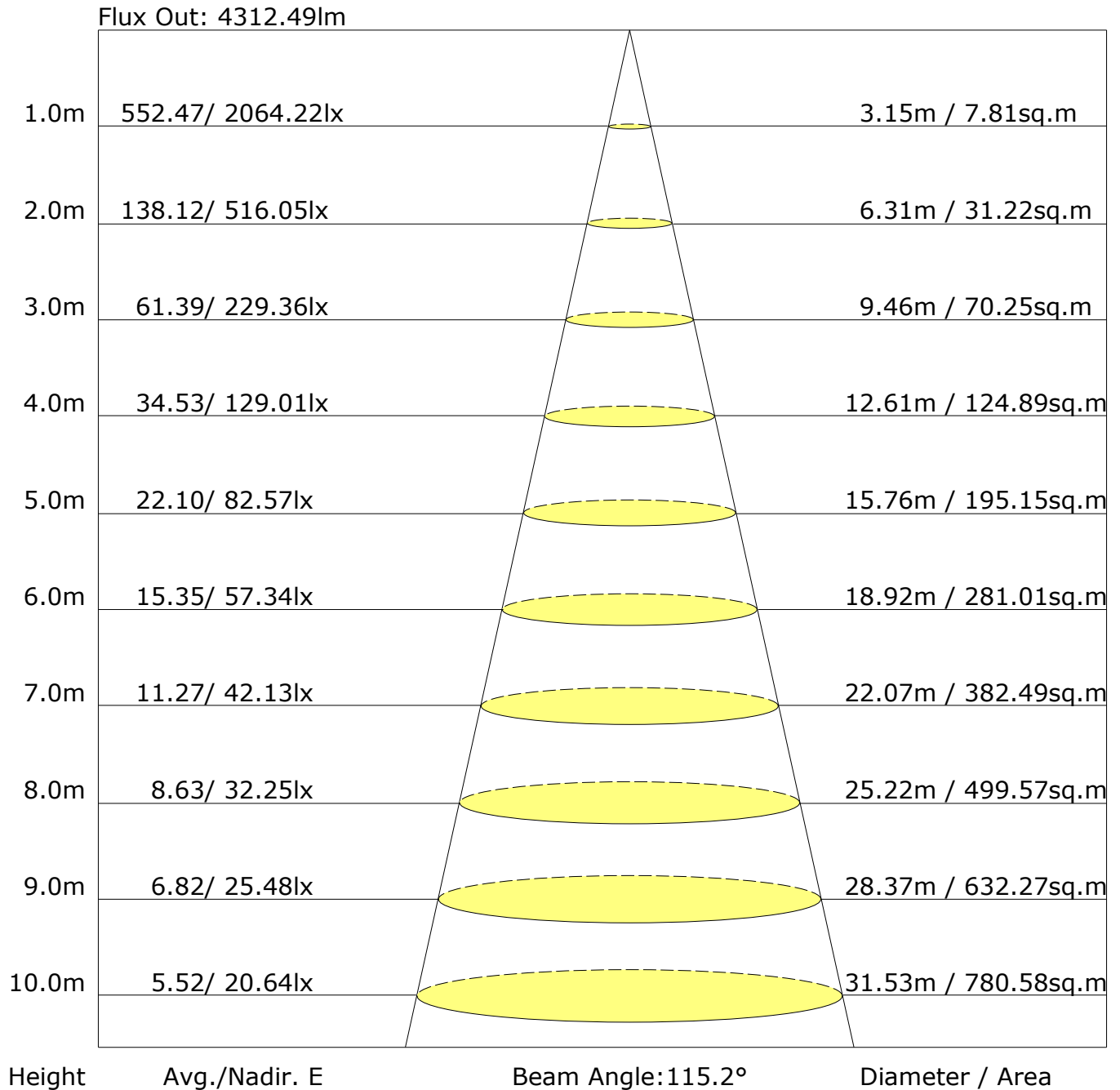
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.5 'C
Operator:

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

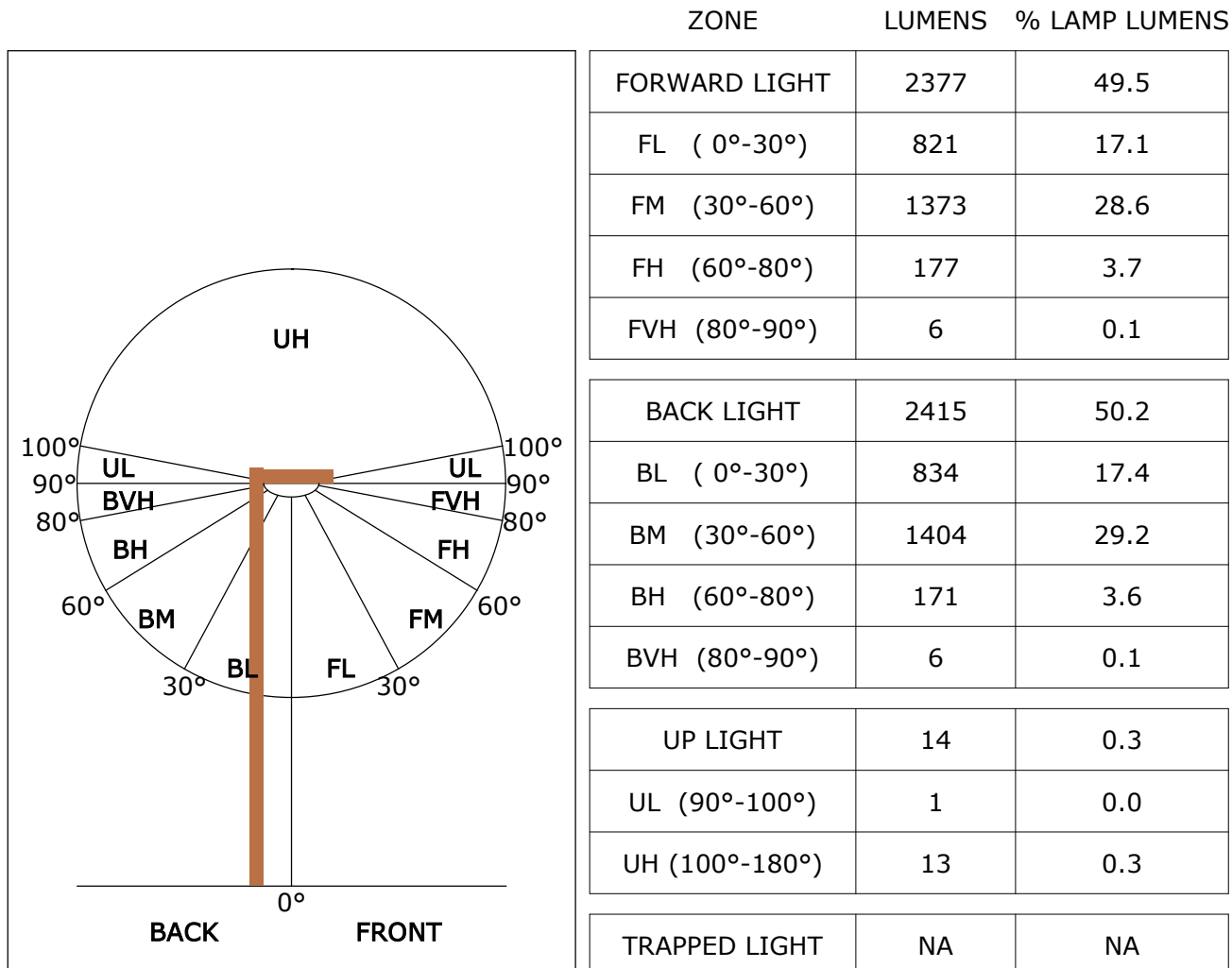
The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.5 '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



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U2 G0

C Plane (°):0.0-360.0: 22.5
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Test Type: TYPE C
Temperature: 25.5 '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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	2064.1	2.0	2.0	0.04	0.04
1.0-2.0	2063.6	5.9	7.9	0.12	0.16
2.0-3.0	2062.8	9.9	17.8	0.21	0.37
3.0-4.0	2062.1	13.8	31.6	0.29	0.66
4.0-5.0	2061.1	17.7	49.3	0.37	1.03
5.0-6.0	2059.6	21.6	71.0	0.45	1.48
6.0-7.0	2057.8	25.5	96.5	0.53	2.01
7.0-8.0	2055.6	29.4	125.9	0.61	2.62
8.0-9.0	2052.9	33.3	159.2	0.69	3.31
9.0-10.0	2049.7	37.1	196.3	0.77	4.08
10.0-11.0	2046.1	40.9	237.2	0.85	4.94
11.0-12.0	2042.2	44.6	281.8	0.93	5.86
12.0-13.0	2037.8	48.4	330.2	1.01	6.87
13.0-14.0	2032.9	52.0	382.2	1.08	7.95
14.0-15.0	2027.4	55.7	437.9	1.16	9.11
15.0-16.0	2021.6	59.2	497.2	1.23	10.34
16.0-17.0	2015.2	62.8	559.9	1.31	11.65
17.0-18.0	2008.5	66.2	626.1	1.38	13.03
18.0-19.0	2000.7	69.6	695.8	1.45	14.48
19.0-20.0	1991.7	72.9	768.7	1.52	15.99
20.0-21.0	1982.1	76.1	844.8	1.58	17.58
21.0-22.0	1971.6	79.2	924.0	1.65	19.23
22.0-23.0	1960.0	82.3	1006.3	1.71	20.94
23.0-24.0	1947.3	85.1	1091.4	1.77	22.71
24.0-25.0	1933.6	87.9	1179.4	1.83	24.54
25.0-26.0	1918.4	90.6	1269.9	1.88	26.42
26.0-27.0	1901.6	93.0	1363.0	1.94	28.36
27.0-28.0	1883.8	95.4	1458.4	1.98	30.34
28.0-29.0	1864.5	97.6	1555.9	2.03	32.37
29.0-30.0	1843.3	99.5	1655.5	2.07	34.45
30.0-31.0	1820.6	101.3	1756.8	2.11	36.55
31.0-32.0	1796.4	102.9	1859.7	2.14	38.70
32.0-33.0	1771.1	104.4	1964.1	2.17	40.87
33.0-34.0	1744.9	105.6	2069.7	2.20	43.06
34.0-35.0	1718.0	106.7	2176.4	2.22	45.28
35.0-36.0	1690.0	107.6	2284.0	2.24	47.52

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 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	1661.0	108.3	2392.4	2.25	49.78
37.0-38.0	1631.6	108.9	2501.3	2.27	52.04
38.0-39.0	1601.8	109.3	2610.6	2.28	54.32
39.0-40.0	1570.7	109.6	2720.2	2.28	56.60
40.0-41.0	1537.3	109.5	2829.7	2.28	58.88
41.0-42.0	1500.4	109.0	2938.7	2.27	61.15
42.0-43.0	1459.7	108.1	3046.8	2.25	63.40
43.0-44.0	1415.9	106.9	3153.7	2.22	65.62
44.0-45.0	1368.3	105.2	3258.9	2.19	67.81
45.0-46.0	1317.6	103.1	3361.9	2.14	69.95
46.0-47.0	1265.4	100.7	3462.6	2.09	72.05
47.0-48.0	1210.5	97.9	3560.5	2.04	74.08
48.0-49.0	1154.0	94.8	3655.2	1.97	76.06
49.0-50.0	1096.4	91.4	3746.7	1.90	77.96
50.0-51.0	1037.6	87.8	3834.5	1.83	79.79
51.0-52.0	979.5	84.1	3918.5	1.75	81.53
52.0-53.0	921.9	80.2	3998.7	1.67	83.20
53.0-54.0	863.7	76.1	4074.9	1.58	84.79
54.0-55.0	804.1	71.8	4146.7	1.49	86.28
55.0-56.0	743.6	67.2	4213.9	1.40	87.68
56.0-57.0	681.8	62.3	4276.2	1.30	88.98
57.0-58.0	618.8	57.2	4333.4	1.19	90.17
58.0-59.0	557.1	52.1	4385.5	1.08	91.25
59.0-60.0	498.6	47.1	4432.6	0.98	92.23
60.0-61.0	443.8	42.4	4475.0	0.88	93.11
61.0-62.0	393.7	37.9	4512.9	0.79	93.90
62.0-63.0	349.3	34.0	4546.9	0.71	94.61
63.0-64.0	309.9	30.4	4577.3	0.63	95.24
64.0-65.0	275.1	27.2	4604.6	0.57	95.81
65.0-66.0	244.5	24.4	4628.9	0.51	96.32
66.0-67.0	216.7	21.8	4650.7	0.45	96.77
67.0-68.0	191.4	19.4	4670.1	0.40	97.17
68.0-69.0	168.4	17.2	4687.3	0.36	97.53
69.0-70.0	148.0	15.2	4702.5	0.32	97.85
70.0-71.0	130.2	13.5	4716.0	0.28	98.13
71.0-72.0	114.3	11.9	4727.9	0.25	98.37

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	100.2	10.5	4738.3	0.22	98.59
73.0-74.0	87.1	9.2	4747.5	0.19	98.78
74.0-75.0	74.8	7.9	4755.4	0.16	98.95
75.0-76.0	63.8	6.8	4762.2	0.14	99.09
76.0-77.0	54.1	5.8	4767.9	0.12	99.21
77.0-78.0	45.4	4.9	4772.8	0.10	99.31
78.0-79.0	37.8	4.1	4776.9	0.08	99.39
79.0-80.0	31.6	3.4	4780.3	0.07	99.46
80.0-81.0	26.2	2.8	4783.1	0.06	99.52
81.0-82.0	21.3	2.3	4785.4	0.05	99.57
82.0-83.0	17.0	1.8	4787.3	0.04	99.61
83.0-84.0	13.4	1.5	4788.7	0.03	99.64
84.0-85.0	10.6	1.2	4789.9	0.02	99.66
85.0-86.0	8.0	0.9	4790.8	0.02	99.68
86.0-87.0	5.4	0.6	4791.3	0.01	99.70
87.0-88.0	3.2	0.4	4791.7	0.01	99.70
88.0-89.0	1.8	0.2	4791.9	0.00	99.71
89.0-90.0	1.1	0.1	4792.0	0.00	99.71
90.0-91.0	0.9	0.1	4792.1	0.00	99.71
91.0-92.0	0.8	0.1	4792.2	0.00	99.71
92.0-93.0	0.8	0.1	4792.3	0.00	99.71
93.0-94.0	0.8	0.1	4792.4	0.00	99.72
94.0-95.0	0.8	0.1	4792.5	0.00	99.72
95.0-96.0	0.8	0.1	4792.6	0.00	99.72
96.0-97.0	0.8	0.1	4792.6	0.00	99.72
97.0-98.0	0.8	0.1	4792.7	0.00	99.72
98.0-99.0	0.8	0.1	4792.8	0.00	99.73
99.0-100.0	0.8	0.1	4792.9	0.00	99.73
100.0-101.0	0.8	0.1	4793.0	0.00	99.73
101.0-102.0	0.8	0.1	4793.1	0.00	99.73
102.0-103.0	0.7	0.1	4793.1	0.00	99.73
103.0-104.0	0.7	0.1	4793.2	0.00	99.73
104.0-105.0	0.8	0.1	4793.3	0.00	99.74
105.0-106.0	0.8	0.1	4793.4	0.00	99.74
106.0-107.0	0.9	0.1	4793.5	0.00	99.74
107.0-108.0	1.0	0.1	4793.6	0.00	99.74

C Plane (°):0.0-360.0: 22.5
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 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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.9	0.1	4793.7	0.00	99.74
109.0-110.0	0.8	0.1	4793.8	0.00	99.75
110.0-111.0	1.0	0.1	4793.9	0.00	99.75
111.0-112.0	1.1	0.1	4794.0	0.00	99.75
112.0-113.0	1.1	0.1	4794.1	0.00	99.75
113.0-114.0	1.2	0.1	4794.2	0.00	99.75
114.0-115.0	1.2	0.1	4794.3	0.00	99.76
115.0-116.0	1.2	0.1	4794.5	0.00	99.76
116.0-117.0	1.4	0.1	4794.6	0.00	99.76
117.0-118.0	1.5	0.1	4794.7	0.00	99.77
118.0-119.0	1.6	0.2	4794.9	0.00	99.77
119.0-120.0	1.6	0.2	4795.0	0.00	99.77
120.0-121.0	1.8	0.2	4795.2	0.00	99.78
121.0-122.0	1.9	0.2	4795.4	0.00	99.78
122.0-123.0	1.9	0.2	4795.6	0.00	99.78
123.0-124.0	1.9	0.2	4795.7	0.00	99.79
124.0-125.0	1.9	0.2	4795.9	0.00	99.79
125.0-126.0	2.0	0.2	4796.1	0.00	99.79
126.0-127.0	2.1	0.2	4796.3	0.00	99.80
127.0-128.0	2.1	0.2	4796.5	0.00	99.80
128.0-129.0	2.2	0.2	4796.6	0.00	99.81
129.0-130.0	2.3	0.2	4796.8	0.00	99.81
130.0-131.0	2.5	0.2	4797.0	0.00	99.81
131.0-132.0	2.5	0.2	4797.2	0.00	99.82
132.0-133.0	2.6	0.2	4797.4	0.00	99.82
133.0-134.0	2.7	0.2	4797.7	0.00	99.83
134.0-135.0	2.8	0.2	4797.9	0.00	99.83
135.0-136.0	2.9	0.2	4798.1	0.00	99.84
136.0-137.0	3.1	0.2	4798.3	0.00	99.84
137.0-138.0	3.3	0.2	4798.6	0.01	99.85
138.0-139.0	3.4	0.2	4798.8	0.01	99.85
139.0-140.0	3.4	0.2	4799.1	0.01	99.86
140.0-141.0	3.5	0.2	4799.3	0.01	99.86
141.0-142.0	3.6	0.2	4799.5	0.01	99.87
142.0-143.0	3.8	0.3	4799.8	0.01	99.87
143.0-144.0	3.8	0.2	4800.0	0.01	99.88

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	3.9	0.3	4800.3	0.01	99.88
145.0-146.0	3.9	0.2	4800.5	0.00	99.89
146.0-147.0	3.9	0.2	4800.8	0.00	99.89
147.0-148.0	4.3	0.3	4801.0	0.01	99.90
148.0-149.0	4.4	0.3	4801.3	0.01	99.90
149.0-150.0	4.5	0.2	4801.5	0.01	99.91
150.0-151.0	4.5	0.2	4801.8	0.01	99.91
151.0-152.0	4.6	0.2	4802.0	0.01	99.92
152.0-153.0	4.8	0.2	4802.3	0.01	99.92
153.0-154.0	4.9	0.2	4802.5	0.00	99.93
154.0-155.0	4.9	0.2	4802.7	0.00	99.93
155.0-156.0	4.9	0.2	4803.0	0.00	99.94
156.0-157.0	5.0	0.2	4803.2	0.00	99.94
157.0-158.0	5.1	0.2	4803.4	0.00	99.95
158.0-159.0	5.2	0.2	4803.6	0.00	99.95
159.0-160.0	5.4	0.2	4803.8	0.00	99.95
160.0-161.0	5.5	0.2	4804.0	0.00	99.96
161.0-162.0	5.5	0.2	4804.2	0.00	99.96
162.0-163.0	5.6	0.2	4804.4	0.00	99.97
163.0-164.0	5.6	0.2	4804.6	0.00	99.97
164.0-165.0	5.7	0.2	4804.7	0.00	99.97
165.0-166.0	5.8	0.2	4804.9	0.00	99.98
166.0-167.0	5.9	0.2	4805.0	0.00	99.98
167.0-168.0	5.9	0.1	4805.2	0.00	99.98
168.0-169.0	6.0	0.1	4805.3	0.00	99.99
169.0-170.0	6.1	0.1	4805.4	0.00	99.99
170.0-171.0	6.1	0.1	4805.5	0.00	99.99
171.0-172.0	6.1	0.1	4805.6	0.00	99.99
172.0-173.0	6.1	0.1	4805.7	0.00	99.99
173.0-174.0	6.2	0.1	4805.8	0.00	100.00
174.0-175.0	6.2	0.1	4805.9	0.00	100.00
175.0-176.0	6.1	0.1	4805.9	0.00	100.00
176.0-177.0	6.0	0.0	4805.9	0.00	100.00
177.0-178.0	6.0	0.0	4806.0	0.00	100.00
178.0-179.0	5.9	0.0	4806.0	0.00	100.00
179.0-180.0	5.8	0.0	4806.0	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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°): 3258.88 lm

%lum = 67.8%

%lamp = 67.8%

cone flux(120°): 4432.64 lm

%lum = 92.2%

%lamp = 92.2%

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	2064.2	2064.2	2064.2	2064.2	2064.2	2064.2	2064.2	2064.2	2064.2	2064.2
G1.0	2062.0	2062.8	2062.2	2063.7	2063.7	2063.9	2064.1	2065.4	2065.9	2065.4
G2.0	2059.6	2060.6	2060.5	2061.3	2062.6	2063.9	2063.9	2067.0	2065.4	2066.1
G3.0	2057.6	2057.5	2058.6	2058.5	2061.2	2064.2	2063.8	2068.5	2065.5	2066.3
G4.0	2055.3	2055.7	2056.4	2056.8	2060.1	2062.9	2062.9	2069.1	2066.6	2067.4
G5.0	2053.4	2053.8	2053.7	2054.1	2057.6	2060.7	2061.5	2069.4	2064.6	2068.2
G6.0	2051.7	2051.5	2050.2	2050.7	2052.8	2059.0	2060.0	2069.1	2063.9	2068.9
G7.0	2049.2	2048.4	2046.6	2045.2	2050.8	2055.9	2058.1	2069.1	2063.7	2069.4
G8.0	2045.4	2044.4	2041.6	2040.3	2046.2	2052.6	2056.7	2067.6	2063.2	2070.5
G9.0	2043.0	2042.6	2038.3	2035.2	2039.7	2046.8	2053.5	2066.0	2063.9	2069.5
G10.0	2038.7	2038.6	2032.0	2029.0	2034.2	2041.7	2050.0	2064.2	2062.0	2069.8
G11.0	2036.6	2035.1	2026.1	2021.7	2026.6	2037.1	2046.6	2063.3	2061.4	2069.6
G12.0	2031.5	2030.7	2020.1	2013.9	2019.5	2031.7	2043.0	2061.6	2059.8	2070.8
G13.0	2031.8	2026.6	2014.7	2005.2	2011.1	2024.5	2039.7	2060.8	2055.4	2070.5
G14.0	2027.4	2021.4	2006.7	1997.0	2001.7	2015.0	2034.5	2059.0	2053.2	2070.4
G15.0	2024.2	2017.0	2000.1	1987.2	1991.9	2006.7	2028.8	2056.0	2051.4	2068.9
G16.0	2020.9	2012.5	1991.4	1975.8	1981.7	1997.2	2023.0	2053.1	2048.6	2068.0
G17.0	2017.0	2004.6	1981.4	1964.3	1972.4	1986.2	2017.2	2050.8	2048.3	2068.0
G18.0	2011.1	2000.3	1975.2	1951.6	1956.2	1974.5	2012.8	2047.9	2045.7	2063.7
G19.0	2009.0	1991.4	1962.8	1936.1	1940.6	1961.0	2004.6	2043.1	2043.3	2062.7
G20.0	2002.8	1985.0	1952.3	1920.1	1921.5	1947.4	1995.6	2040.3	2041.6	2059.6
G21.0	1999.9	1978.5	1940.9	1900.8	1900.1	1929.1	1987.7	2036.1	2039.5	2058.6
G22.0	1998.7	1971.1	1931.8	1880.2	1875.2	1909.0	1975.4	2028.5	2039.0	2054.3
G23.0	1991.9	1964.2	1920.7	1859.3	1849.0	1887.9	1965.5	2024.6	2035.9	2048.7
G24.0	1986.5	1954.3	1905.7	1835.5	1819.7	1866.4	1952.7	2018.2	2032.8	2046.2
G25.0	1980.4	1948.9	1891.2	1808.9	1788.0	1840.5	1938.1	2012.6	2030.2	2042.4
G26.0	1975.9	1941.1	1874.7	1779.2	1757.5	1812.4	1922.9	2005.0	2028.9	2038.3
G27.0	1970.9	1933.1	1855.4	1745.3	1721.5	1781.1	1904.8	1999.6	2027.6	2034.7
G28.0	1969.4	1926.1	1835.1	1711.3	1682.4	1748.8	1886.8	1992.2	2023.9	2030.1
G29.0	1960.8	1918.4	1813.4	1676.6	1646.1	1713.9	1864.3	1982.7	2018.6	2021.3
G30.0	1950.1	1906.6	1788.1	1642.7	1606.1	1679.4	1841.4	1972.4	2015.2	2015.8
G31.0	1945.1	1895.3	1763.4	1605.3	1564.4	1639.0	1817.3	1962.2	2010.4	2008.2
G32.0	1938.8	1885.8	1735.8	1567.1	1524.2	1601.0	1787.8	1951.7	2002.5	1999.2
G33.0	1933.2	1874.4	1707.7	1524.3	1482.5	1561.7	1758.1	1937.8	1995.5	1990.4
G34.0	1927.4	1862.0	1677.0	1486.9	1445.9	1521.7	1729.4	1922.6	1985.6	1979.7
G35.0	1922.3	1850.8	1644.3	1451.0	1411.0	1483.3	1693.1	1906.9	1976.4	1966.9
G36.0	1917.6	1836.3	1607.9	1412.5	1380.2	1447.1	1659.9	1891.1	1964.0	1950.9

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	1909.9	1818.2	1571.5	1379.2	1351.8	1412.5	1624.0	1869.1	1949.9	1932.6
G38.0	1901.9	1800.1	1533.8	1348.5	1323.2	1380.6	1584.9	1847.5	1934.2	1910.6
G39.0	1894.1	1777.6	1495.5	1318.6	1290.7	1351.7	1545.4	1820.6	1919.6	1887.7
G40.0	1883.5	1754.7	1456.3	1288.7	1248.1	1318.8	1505.7	1792.4	1903.6	1860.7
G41.0	1871.5	1730.5	1420.4	1256.9	1199.8	1285.1	1464.6	1760.5	1885.9	1828.6
G42.0	1854.5	1699.6	1381.3	1219.5	1135.7	1245.2	1428.0	1726.4	1866.7	1796.8
G43.0	1839.2	1668.4	1349.0	1174.4	1060.8	1196.1	1394.3	1690.4	1843.9	1755.3
G44.0	1820.1	1632.7	1317.2	1118.5	985.6	1139.8	1360.1	1648.9	1816.3	1714.8
G45.0	1795.9	1592.3	1286.7	1058.0	907.1	1077.0	1322.9	1601.3	1786.4	1669.1
G46.0	1770.6	1546.6	1252.8	994.3	830.1	1012.7	1282.1	1552.9	1753.7	1619.7
G47.0	1742.4	1504.1	1214.8	929.1	763.4	947.6	1239.2	1496.3	1716.5	1562.6
G48.0	1711.3	1457.9	1171.8	855.8	693.8	872.0	1192.8	1442.9	1675.1	1503.0
G49.0	1671.9	1408.5	1128.1	787.4	630.5	804.6	1141.9	1386.4	1627.2	1443.2
G50.0	1634.7	1353.6	1078.9	720.8	569.6	736.3	1086.6	1326.3	1581.6	1380.6
G51.0	1585.3	1292.2	1026.3	658.9	515.2	673.0	1023.2	1265.4	1533.0	1316.9
G52.0	1536.9	1235.9	967.7	601.8	465.4	614.5	962.8	1200.7	1481.5	1247.4
G53.0	1484.1	1176.7	911.0	544.6	424.5	559.5	898.9	1146.6	1409.5	1185.5
G54.0	1418.1	1116.0	852.4	492.4	384.4	499.5	833.6	1081.3	1327.4	1123.0
G55.0	1333.5	1058.0	789.4	447.8	352.4	453.1	760.0	1019.2	1238.2	1052.5
G56.0	1252.8	987.3	727.9	409.2	321.8	412.4	694.9	945.5	1141.1	958.0
G57.0	1165.0	914.4	659.3	373.8	293.5	376.1	631.4	851.7	1022.7	863.7
G58.0	1066.3	834.1	600.7	339.6	267.4	339.4	572.6	758.2	910.3	766.8
G59.0	959.0	753.3	546.6	310.0	239.5	308.3	518.4	672.9	804.5	680.9
G60.0	853.9	673.0	497.2	281.0	215.9	277.7	467.7	594.7	705.0	600.8
G61.0	741.2	595.1	448.9	253.1	196.7	249.0	415.2	524.7	619.1	525.2
G62.0	653.3	529.6	399.5	227.8	180.9	224.1	370.1	457.5	537.9	463.2
G63.0	577.8	469.9	356.2	204.1	166.6	201.4	328.0	403.1	477.0	406.8
G64.0	506.7	415.7	315.2	187.2	152.4	185.0	285.7	354.4	423.3	355.9
G65.0	451.0	364.1	278.6	172.9	140.3	170.4	251.5	313.0	376.4	309.6
G66.0	401.3	324.0	243.5	157.9	129.0	156.4	220.7	274.7	331.3	273.1
G67.0	352.4	287.7	214.0	144.4	117.6	142.4	192.6	242.9	285.2	240.8
G68.0	307.5	252.9	187.8	132.1	106.3	129.0	167.6	212.9	249.9	212.2
G69.0	265.8	222.6	164.3	118.0	95.4	114.9	145.7	187.3	217.9	187.6
G70.0	231.1	194.7	143.0	106.7	84.7	102.7	129.2	166.2	188.7	164.0
G71.0	199.6	172.0	127.6	94.0	76.9	89.8	114.3	144.4	161.5	143.6
G72.0	173.6	151.4	113.7	83.2	68.7	79.8	100.5	126.7	141.6	124.7
G73.0	152.0	131.8	99.6	74.6	61.2	71.2	87.3	110.3	121.6	109.1

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	128.5	114.8	85.9	65.5	53.4	62.7	74.5	95.1	103.9	93.4
G75.0	110.2	98.2	73.1	57.5	46.6	54.0	63.6	81.6	86.4	80.2
G76.0	93.4	84.7	62.6	48.0	40.7	44.8	53.6	70.0	73.5	67.6
G77.0	78.5	71.9	52.6	40.9	35.1	38.4	45.7	57.8	62.7	56.5
G78.0	65.6	59.4	44.0	34.9	28.9	31.9	37.5	49.1	51.7	46.9
G79.0	55.1	50.7	37.1	28.8	24.8	25.7	31.1	40.3	42.6	37.9
G80.0	45.2	40.6	31.0	24.2	21.4	22.3	26.5	33.4	34.1	31.0
G81.0	36.0	33.4	25.3	21.1	18.3	18.8	21.7	27.2	26.5	25.4
G82.0	27.2	26.7	20.4	18.0	14.4	15.5	17.3	21.8	19.2	20.0
G83.0	20.2	20.4	16.6	14.2	12.2	12.8	14.4	16.9	13.8	14.7
G84.0	13.8	15.3	13.9	11.7	9.4	10.0	11.8	13.0	10.7	11.3
G85.0	11.2	11.6	10.6	9.1	8.2	8.3	8.7	11.2	8.9	9.0
G86.0	8.5	9.2	8.1	6.9	5.2	5.2	6.1	8.6	6.4	6.7
G87.0	5.8	6.4	5.7	4.5	2.4	3.0	3.7	5.7	4.4	4.1
G88.0	4.5	4.9	2.9	2.6	1.6	2.1	2.2	3.6	0.8	0.9
G89.0	1.3	2.2	1.4	1.8	1.2	1.2	1.1	1.5	0.0	0.0
G90.0	0.0	0.0	1.2	1.4	1.9	1.3	1.2	1.5	0.0	0.0
G91.0	0.0	0.7	0.0	1.4	1.6	1.1	1.0	1.3	0.0	0.0
G92.0	0.0	0.8	1.0	1.3	1.4	1.0	1.0	1.0	0.0	0.0
G93.0	0.0	0.0	0.8	1.5	1.3	1.6	0.8	1.3	0.0	0.0
G94.0	0.0	0.0	0.9	1.7	0.9	0.8	0.7	1.0	0.0	0.0
G95.0	0.0	0.0	0.9	1.4	1.3	1.1	1.3	0.9	0.0	0.0
G96.0	0.0	0.0	0.9	1.4	1.1	1.1	1.2	1.3	0.0	0.0
G97.0	0.0	0.0	1.3	1.7	1.2	1.1	0.8	1.5	0.0	0.0
G98.0	0.0	0.0	0.0	1.7	1.8	1.1	0.0	1.6	0.0	0.0
G99.0	0.0	0.0	0.0	1.0	1.4	1.1	1.0	1.2	0.0	0.0
G100.0	0.0	0.0	0.8	1.2	1.2	1.5	1.1	1.2	0.0	0.0
G101.0	0.0	0.0	1.2	1.7	1.6	1.2	1.0	1.1	0.0	0.0
G102.0	0.0	0.0	1.2	1.4	1.1	1.3	1.0	1.1	0.0	0.0
G103.0	0.0	0.9	0.9	1.6	1.2	0.8	1.5	1.6	0.0	0.0
G104.0	0.0	0.0	0.0	1.4	1.4	1.3	1.3	1.3	0.0	0.0
G105.0	0.0	0.0	0.9	0.7	1.4	0.9	1.3	1.5	0.0	0.0
G106.0	0.0	1.0	1.0	1.5	1.2	1.1	1.3	1.4	0.0	0.0
G107.0	0.0	0.8	0.8	1.4	1.7	1.1	1.3	1.6	0.0	0.0
G108.0	0.0	0.0	1.2	1.8	1.5	1.2	0.8	1.8	0.0	0.0
G109.0	0.0	0.0	0.7	1.7	1.2	1.0	1.3	1.7	0.0	0.0
G110.0	0.0	0.7	0.0	1.7	1.5	1.1	1.2	2.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	1.0	1.1	1.7	1.5	1.3	1.7	1.7	0.0	0.0
G112.0	0.0	1.0	1.3	1.5	1.4	1.5	1.3	1.6	0.0	0.0
G113.0	0.8	1.2	1.0	1.9	1.3	1.1	1.6	2.0	0.0	0.0
G114.0	0.7	1.2	1.3	1.9	1.4	1.1	1.9	2.2	0.0	0.0
G115.0	1.0	1.0	1.2	1.4	1.4	1.4	1.4	2.2	0.0	0.0
G116.0	0.9	1.1	1.2	1.9	1.4	1.6	1.7	2.3	0.0	0.9
G117.0	1.1	1.4	1.2	1.7	1.3	1.4	1.8	2.2	0.0	1.2
G118.0	1.3	1.4	1.8	1.9	1.7	1.2	1.0	2.4	0.9	1.4
G119.0	1.3	1.6	1.7	1.9	1.5	1.6	2.0	2.3	1.0	2.1
G120.0	1.5	1.6	1.4	1.7	1.7	1.6	1.7	2.1	1.3	2.2
G121.0	1.6	1.5	1.4	1.9	1.8	2.1	2.0	2.5	1.7	2.6
G122.0	1.7	1.2	1.7	2.2	2.1	1.3	2.3	2.7	1.9	1.8
G123.0	1.2	1.8	1.8	2.2	1.9	2.0	2.0	2.1	1.9	1.8
G124.0	1.7	1.6	1.5	2.2	1.9	2.3	1.9	2.5	1.8	0.7
G125.0	1.6	1.4	1.4	1.9	2.1	2.2	2.2	1.8	1.6	1.7
G126.0	1.9	1.6	1.9	2.5	2.5	2.2	2.3	2.1	1.4	1.4
G127.0	1.6	1.8	1.8	1.5	2.3	2.2	2.2	3.3	1.7	1.7
G128.0	1.7	2.2	1.9	2.4	1.8	2.2	2.3	2.7	1.3	2.0
G129.0	1.8	2.2	2.2	2.4	2.3	2.4	2.5	2.4	1.3	1.8
G130.0	1.9	2.6	1.9	2.2	2.7	2.5	2.4	2.9	2.0	1.9
G131.0	2.3	1.8	2.4	2.5	2.6	2.9	2.3	3.1	1.9	2.4
G132.0	2.3	2.4	1.7	2.9	2.7	2.5	2.7	2.7	2.0	2.4
G133.0	2.4	2.3	2.4	3.0	2.9	2.5	3.1	3.1	2.3	2.1
G134.0	2.2	2.3	2.9	2.6	3.3	3.1	2.9	2.9	1.6	2.2
G135.0	2.7	1.7	2.7	3.5	3.2	3.0	3.2	3.5	2.0	1.4
G136.0	2.6	2.4	2.7	3.0	3.3	2.5	3.4	3.8	2.6	2.4
G137.0	3.1	2.9	2.6	3.3	3.4	3.5	3.4	3.7	2.5	2.6
G138.0	2.5	2.8	2.7	3.5	3.8	3.2	4.0	4.0	2.8	2.6
G139.0	3.0	2.6	2.7	3.2	3.7	4.0	4.0	3.2	3.1	2.8
G140.0	3.2	3.4	2.9	3.8	3.1	4.0	3.8	3.6	3.0	1.9
G141.0	2.8	3.5	3.5	3.9	4.0	4.0	4.1	3.7	2.8	2.9
G142.0	3.3	3.1	3.7	4.2	4.4	4.5	3.6	4.3	2.7	3.1
G143.0	3.3	3.9	3.5	3.9	4.1	4.2	4.3	4.4	3.2	3.0
G144.0	3.1	3.9	3.9	4.1	3.7	4.4	3.5	3.4	2.7	3.4
G145.0	3.7	3.3	4.4	3.6	3.8	4.7	4.5	4.2	3.3	3.8
G146.0	3.0	3.9	2.1	3.7	4.3	4.5	4.3	3.5	3.2	2.5
G147.0	3.2	3.4	4.2	4.7	5.2	4.5	4.5	5.2	3.3	2.9

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	3.7	4.1	4.8	5.3	4.4	5.0	4.4	4.4	3.7	3.5
G149.0	4.0	3.9	4.5	4.7	5.4	4.6	5.0	5.0	3.2	2.9
G150.0	4.2	4.7	3.7	4.9	5.5	4.5	4.7	4.5	3.9	3.6
G151.0	3.5	4.9	5.0	4.7	4.1	5.4	3.5	4.5	3.7	2.8
G152.0	4.1	4.4	5.2	4.0	5.9	5.2	4.8	5.3	3.4	3.3
G153.0	5.0	4.9	4.7	5.5	5.1	5.6	5.2	4.6	4.4	3.9
G154.0	3.4	4.2	4.7	5.1	5.5	5.2	5.4	5.7	4.2	4.1
G155.0	4.4	4.2	5.0	5.7	5.9	5.7	4.7	5.7	3.8	4.4
G156.0	4.6	4.9	5.0	5.8	5.9	5.6	4.7	5.7	3.9	4.2
G157.0	4.7	5.1	4.9	5.1	5.3	5.2	5.5	5.7	3.9	4.0
G158.0	4.6	5.0	5.8	5.1	5.0	5.7	5.3	5.4	3.7	4.6
G159.0	4.7	5.4	5.4	5.9	5.9	5.9	5.6	5.9	4.2	4.2
G160.0	4.6	4.7	5.5	6.4	6.2	5.5	5.7	6.0	4.4	4.4
G161.0	4.7	5.2	6.1	5.8	6.3	5.8	5.2	5.3	4.4	4.4
G162.0	4.7	4.9	5.6	6.5	5.7	6.3	6.2	6.0	3.9	5.0
G163.0	4.8	5.4	5.8	6.6	5.8	5.9	5.7	6.2	2.3	4.7
G164.0	4.9	5.7	4.6	6.8	6.2	5.9	4.3	6.3	4.3	5.1
G165.0	4.7	5.4	5.9	6.3	6.5	6.2	5.6	6.2	3.7	5.2
G166.0	4.2	5.4	6.1	6.8	6.4	6.4	6.2	6.4	4.5	5.3
G167.0	5.1	5.4	6.1	7.2	5.7	5.8	6.1	5.6	4.4	5.4
G168.0	4.7	5.2	6.3	5.7	6.8	6.0	6.0	6.4	4.9	5.3
G169.0	4.9	5.5	6.1	4.7	6.6	6.6	6.4	6.3	4.8	5.5
G170.0	4.4	5.9	6.1	6.1	6.7	6.4	6.0	6.3	4.9	5.4
G171.0	4.7	4.8	6.0	6.8	6.6	6.6	6.0	6.7	4.8	4.7
G172.0	5.4	6.0	6.3	6.4	5.9	5.9	5.9	6.0	4.7	5.9
G173.0	4.9	5.6	6.0	5.9	6.3	6.2	5.9	6.4	5.2	5.6
G174.0	5.1	5.9	6.0	6.8	6.2	6.2	6.2	6.3	4.7	5.6
G175.0	5.6	4.9	6.6	6.8	6.3	6.5	6.2	6.4	4.5	5.2
G176.0	5.4	5.2	6.3	6.1	6.9	6.3	5.9	6.0	5.2	5.4
G177.0	5.3	5.9	6.3	6.2	5.7	6.0	5.3	6.0	5.2	5.2
G178.0	5.3	5.4	5.7	6.6	6.6	5.8	6.4	6.4	5.1	5.2
G179.0	5.2	5.5	5.8	6.8	6.4	6.5	5.6	6.0	4.6	4.9
G180.0	5.2	5.4	5.9	6.0	5.9	6.1	6.2	6.4	4.9	4.7

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	2064.2	2064.2	2064.2	2064.2	2064.2	2064.2	2064.2			
G1.0	2065.6	2063.6	2064.4	2063.8	2063.0	2063.7	2062.0			
G2.0	2067.7	2064.1	2063.9	2063.9	2062.0	2060.4	2059.6			
G3.0	2067.1	2064.4	2063.0	2064.2	2060.6	2056.7	2057.6			
G4.0	2069.4	2065.0	2063.1	2063.4	2058.3	2055.5	2055.3			
G5.0	2069.3	2066.5	2062.6	2062.6	2055.8	2052.9	2053.4			
G6.0	2069.5	2066.8	2061.7	2062.1	2052.8	2050.1	2051.7			
G7.0	2069.3	2065.8	2060.1	2059.8	2050.4	2047.9	2049.2			
G8.0	2068.5	2064.7	2058.5	2056.1	2046.8	2046.1	2045.4			
G9.0	2068.2	2062.8	2056.3	2053.8	2042.5	2042.2	2043.0			
G10.0	2066.4	2060.7	2051.7	2048.5	2039.6	2039.3	2038.7			
G11.0	2065.2	2057.9	2046.9	2043.8	2035.1	2035.6	2036.6			
G12.0	2063.3	2054.0	2041.0	2038.2	2029.5	2031.8	2031.5			
G13.0	2061.8	2049.6	2034.4	2031.8	2025.5	2027.7	2031.8			
G14.0	2058.8	2043.9	2026.2	2023.8	2020.2	2023.7	2027.4			
G15.0	2054.0	2038.8	2018.5	2016.3	2015.3	2019.5	2024.2			
G16.0	2051.8	2031.1	2008.0	2006.9	2009.3	2016.2	2020.9			
G17.0	2046.7	2023.3	1998.1	1997.1	2003.0	2013.1	2017.0			
G18.0	2044.6	2015.9	1987.6	1986.7	1996.6	2008.8	2011.1			
G19.0	2038.7	2004.3	1974.1	1976.0	1990.5	2004.1	2009.0			
G20.0	2033.8	1992.4	1958.7	1961.4	1981.0	1998.2	2002.8			
G21.0	2027.9	1980.0	1942.8	1947.0	1972.3	1993.7	1999.9			
G22.0	2019.7	1966.1	1925.5	1930.9	1962.6	1988.5	1998.7			
G23.0	2010.7	1949.9	1906.7	1913.6	1951.4	1982.6	1991.9			
G24.0	2000.9	1931.9	1884.6	1895.5	1941.5	1977.8	1986.5			
G25.0	1992.2	1914.7	1858.7	1875.0	1929.8	1972.5	1980.4			
G26.0	1980.6	1891.3	1827.8	1848.5	1916.1	1964.0	1975.9			
G27.0	1965.2	1866.1	1797.0	1822.4	1902.4	1959.5	1970.9			
G28.0	1953.6	1839.2	1763.8	1793.4	1885.8	1954.0	1969.4			
G29.0	1937.4	1808.8	1727.3	1761.9	1868.1	1947.4	1960.8			
G30.0	1919.4	1775.4	1688.5	1727.4	1848.9	1940.9	1950.1			
G31.0	1901.6	1738.8	1641.2	1689.9	1825.3	1932.3	1945.1			
G32.0	1877.3	1696.2	1602.2	1647.5	1802.7	1924.7	1938.8			
G33.0	1852.1	1655.5	1557.1	1606.1	1777.1	1915.8	1933.2			
G34.0	1824.4	1611.7	1513.0	1563.1	1749.3	1907.0	1927.4			
G35.0	1791.4	1569.0	1470.3	1518.9	1718.3	1896.0	1922.3			
G36.0	1756.2	1524.5	1424.5	1476.0	1680.3	1882.4	1917.6			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	1717.7	1477.4	1386.5	1429.2	1643.6	1867.5	1909.9			
G38.0	1674.9	1436.1	1349.6	1390.1	1603.5	1850.5	1901.9			
G39.0	1631.4	1398.4	1310.4	1351.9	1561.7	1832.1	1894.1			
G40.0	1587.1	1363.2	1265.7	1315.6	1517.5	1812.0	1883.5			
G41.0	1540.9	1326.2	1212.8	1277.8	1472.6	1785.7	1871.5			
G42.0	1496.0	1283.3	1141.4	1236.0	1425.3	1758.1	1854.5			
G43.0	1450.8	1229.7	1068.4	1181.6	1384.7	1728.3	1839.2			
G44.0	1411.0	1172.5	990.9	1123.9	1347.5	1693.7	1820.1			
G45.0	1371.2	1109.1	905.0	1054.1	1307.0	1650.6	1795.9			
G46.0	1331.3	1033.5	828.3	985.7	1268.4	1607.2	1770.6			
G47.0	1286.2	962.6	753.1	916.5	1227.4	1559.9	1742.4			
G48.0	1231.9	889.6	680.8	846.5	1183.3	1507.2	1711.3			
G49.0	1181.1	821.9	615.9	777.0	1136.1	1452.3	1671.9			
G50.0	1127.7	747.6	550.4	705.3	1081.7	1388.8	1634.7			
G51.0	1068.8	681.7	494.9	642.6	1028.1	1326.9	1585.3			
G52.0	1003.0	620.6	450.5	585.1	972.3	1265.8	1536.9			
G53.0	937.5	559.4	409.8	527.4	913.3	1201.6	1484.1			
G54.0	872.1	505.9	374.2	477.8	854.9	1136.6	1418.1			
G55.0	803.0	455.6	339.2	430.7	784.5	1064.9	1333.5			
G56.0	729.4	415.3	309.2	393.4	721.6	993.7	1252.8			
G57.0	663.2	377.7	281.0	358.5	659.2	911.3	1165.0			
G58.0	600.2	342.6	253.5	325.9	598.5	821.7	1066.3			
G59.0	542.9	309.2	225.8	295.7	537.4	725.9	959.0			
G60.0	486.7	273.2	203.1	265.5	484.6	644.5	853.9			
G61.0	434.3	244.4	185.6	235.4	435.2	572.6	741.2			
G62.0	380.0	219.5	171.1	211.6	388.6	507.5	653.3			
G63.0	333.3	200.1	156.5	192.4	340.7	441.7	577.8			
G64.0	290.5	182.0	143.8	176.5	299.0	386.9	506.7			
G65.0	253.1	166.5	132.3	160.5	262.1	341.1	451.0			
G66.0	216.9	152.0	121.2	146.6	229.0	301.4	401.3			
G67.0	187.8	138.2	109.8	134.1	200.1	265.9	352.4			
G68.0	163.8	124.7	98.0	120.6	172.5	231.4	307.5			
G69.0	141.2	109.4	87.0	107.7	150.7	203.9	265.8			
G70.0	124.3	95.9	78.3	95.2	132.5	179.7	231.1			
G71.0	109.5	84.6	71.2	84.0	116.7	158.7	199.6			
G72.0	95.6	75.2	62.7	74.8	101.1	137.2	173.6			
G73.0	82.3	65.9	55.6	65.8	87.5	119.2	152.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	69.5	57.1	48.5	58.0	75.5	104.5	128.5			
G75.0	58.6	48.5	42.1	49.6	63.0	89.0	110.2			
G76.0	49.2	41.2	36.8	41.4	54.1	77.8	93.4			
G77.0	42.2	35.0	30.1	36.1	44.8	64.1	78.5			
G78.0	34.7	28.0	25.3	29.1	38.2	53.8	65.6			
G79.0	29.2	24.1	22.6	24.2	32.0	44.6	55.1			
G80.0	24.1	21.1	19.6	21.6	25.9	37.1	45.2			
G81.0	19.3	18.1	17.3	18.4	21.7	30.1	36.0			
G82.0	16.1	15.4	14.1	15.8	17.4	24.2	27.2			
G83.0	13.6	12.9	11.4	13.2	15.0	18.4	20.2			
G84.0	11.2	10.2	9.5	10.3	12.7	13.9	13.8			
G85.0	8.1	8.3	7.0	8.6	9.6	11.3	11.2			
G86.0	5.2	5.4	5.0	4.9	7.6	8.7	8.5			
G87.0	2.8	2.2	2.1	2.2	4.5	7.0	5.8			
G88.0	0.9	1.7	1.5	1.4	1.8	3.9	4.5			
G89.0	1.2	1.2	1.3	1.1	1.5	1.7	1.3			
G90.0	0.8	1.4	1.6	0.9	1.1	1.1	0.0			
G91.0	0.0	1.2	0.9	0.8	1.7	1.3	0.0			
G92.0	0.0	1.3	1.5	1.1	0.8	1.4	0.0			
G93.0	0.9	1.1	1.3	0.8	0.8	1.2	0.0			
G94.0	0.0	1.2	1.3	0.9	1.3	1.0	0.0			
G95.0	0.7	1.4	1.2	0.7	0.8	1.5	0.0			
G96.0	0.7	1.1	1.3	1.1	0.9	0.8	0.0			
G97.0	0.0	1.4	1.2	0.0	0.0	1.3	0.0			
G98.0	0.9	1.4	1.3	1.1	0.8	1.3	0.0			
G99.0	0.0	1.3	1.2	1.1	0.7	1.5	0.0			
G100.0	0.9	1.1	1.2	0.0	1.0	1.5	0.0			
G101.0	0.9	1.4	1.4	0.0	0.9	1.7	0.0			
G102.0	0.7	1.2	1.2	0.0	0.8	1.6	0.0			
G103.0	0.0	1.2	0.9	0.7	0.0	0.0	0.0			
G104.0	0.0	1.2	0.8	1.2	1.0	1.3	0.0			
G105.0	0.0	1.1	1.5	0.8	0.7	1.1	0.0			
G106.0	0.0	0.8	1.4	1.0	0.9	1.5	0.0			
G107.0	0.7	1.5	1.2	1.0	1.1	1.4	0.0			
G108.0	0.7	1.2	1.4	0.9	1.4	1.6	0.0			
G109.0	0.9	1.4	0.0	0.9	0.8	1.5	0.0			
G110.0	0.0	1.2	1.2	1.1	1.0	0.9	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	0.9	1.7	0.9	1.2	1.1	1.3	0.0			
G112.0	1.2	1.7	1.3	1.1	1.2	1.6	0.0			
G113.0	0.9	1.6	1.4	1.2	1.1	1.7	0.8			
G114.0	0.9	1.5	1.6	1.3	1.3	1.9	0.7			
G115.0	1.1	1.3	1.4	1.1	0.0	1.7	1.0			
G116.0	1.2	1.1	1.5	1.1	1.7	1.9	0.9			
G117.0	1.2	1.8	1.5	1.4	1.5	2.2	1.1			
G118.0	1.1	1.7	1.5	1.6	1.3	1.9	1.3			
G119.0	1.2	1.7	1.2	1.5	1.4	2.4	1.3			
G120.0	1.4	1.4	1.6	1.4	1.1	2.7	1.5			
G121.0	1.6	2.0	2.1	1.3	1.5	2.9	1.6			
G122.0	1.6	2.2	1.8	1.6	1.7	2.3	1.7			
G123.0	1.9	1.9	1.8	1.3	2.0	2.9	1.2			
G124.0	2.0	2.0	2.0	2.0	2.0	2.8	1.7			
G125.0	1.8	2.5	2.2	2.0	1.7	2.5	1.6			
G126.0	2.1	2.2	1.7	1.8	1.9	2.9	1.9			
G127.0	1.8	2.3	2.1	1.8	2.4	2.7	1.6			
G128.0	1.9	2.2	2.3	2.1	2.2	2.9	1.7			
G129.0	1.9	2.4	2.3	2.0	2.0	3.2	1.8			
G130.0	2.2	2.7	2.6	2.2	2.3	3.4	1.9			
G131.0	2.6	3.0	2.6	2.1	2.5	3.1	2.3			
G132.0	2.6	2.9	3.0	2.3	2.4	2.7	2.3			
G133.0	2.8	2.7	2.5	2.5	2.8	3.1	2.4			
G134.0	2.7	3.1	2.9	2.8	3.1	3.5	2.2			
G135.0	3.2	3.1	2.9	2.5	2.9	3.1	2.7			
G136.0	3.2	3.5	3.4	2.5	2.2	3.4	2.6			
G137.0	3.8	3.5	3.4	2.9	2.9	3.4	3.1			
G138.0	3.5	3.7	3.8	3.2	3.4	3.9	2.5			
G139.0	3.2	3.8	3.7	3.5	3.4	3.9	3.0			
G140.0	3.4	3.7	3.9	3.0	3.4	4.4	3.2			
G141.0	3.7	3.7	3.2	3.2	3.0	4.5	2.8			
G142.0	3.7	4.0	3.5	3.7	3.4	4.3	3.3			
G143.0	3.6	3.8	4.3	3.8	2.9	4.3	3.3			
G144.0	4.0	4.4	4.0	3.7	4.0	4.3	3.1			
G145.0	4.0	4.7	4.4	4.5	4.1	4.7	3.7			
G146.0	3.7	3.9	4.7	2.6	3.0	4.9	3.0			
G147.0	3.0	4.9	4.9	4.4	4.4	5.1	3.2			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	4.0	4.6	4.3	4.7	4.5	5.3	3.7			
G149.0	4.5	5.0	4.1	4.7	4.8	5.0	4.0			
G150.0	4.4	4.7	4.9	3.8	4.5	4.8	4.2			
G151.0	5.0	5.0	5.2	4.6	4.4	5.5	3.5			
G152.0	4.6	5.7	5.1	4.7	5.0	4.7	4.1			
G153.0	4.9	5.1	4.8	5.0	4.9	5.3	5.0			
G154.0	4.9	5.4	4.9	5.0	4.5	5.3	3.4			
G155.0	4.9	5.8	5.3	4.4	4.6	5.3	4.4			
G156.0	4.8	3.2	5.3	4.7	4.5	5.6	4.6			
G157.0	4.7	5.8	6.1	5.5	3.9	5.4	4.7			
G158.0	5.0	5.6	5.5	5.4	5.0	4.9	4.6			
G159.0	4.8	6.1	5.8	4.0	5.2	5.7	4.7			
G160.0	5.3	6.3	5.6	5.5	5.0	5.8	4.6			
G161.0	4.8	6.4	6.6	5.0	5.4	5.9	4.7			
G162.0	5.7	6.2	6.4	6.0	4.8	5.3	4.7			
G163.0	5.4	6.2	6.2	6.3	5.5	5.8	4.8			
G164.0	5.5	6.3	6.6	6.2	5.5	6.4	4.9			
G165.0	5.0	6.4	6.1	5.3	5.7	6.3	4.7			
G166.0	5.3	6.5	6.2	6.4	6.1	6.4	4.2			
G167.0	5.8	6.3	5.6	6.3	5.9	6.4	5.1			
G168.0	5.7	6.4	6.5	6.3	5.9	6.5	4.7			
G169.0	5.9	6.6	6.9	6.4	6.1	7.0	4.9			
G170.0	6.1	7.4	6.7	7.2	6.4	6.3	4.4			
G171.0	6.4	7.2	7.2	5.9	6.0	6.8	4.7			
G172.0	6.3	7.0	6.8	6.9	5.5	6.9	5.4			
G173.0	6.5	6.8	7.1	6.9	6.2	6.7	4.9			
G174.0	6.3	7.1	6.7	6.5	6.7	6.4	5.1			
G175.0	6.3	6.9	6.4	6.8	6.4	6.4	5.6			
G176.0	6.0	6.6	7.1	5.7	6.4	6.7	5.4			
G177.0	6.0	7.0	6.8	5.7	6.4	6.4	5.3			
G178.0	6.3	6.5	6.7	6.7	6.4	6.6	5.3			
G179.0	4.7	6.5	5.9	6.3	5.8	6.3	5.2			
G180.0	5.8	6.0	7.1	6.2	5.8	6.4	5.2			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 'C
 Operator:

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