

Report No.:

Test Time: 2023/9/21 10:32

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 1.649 A
Power Factor: 0.993

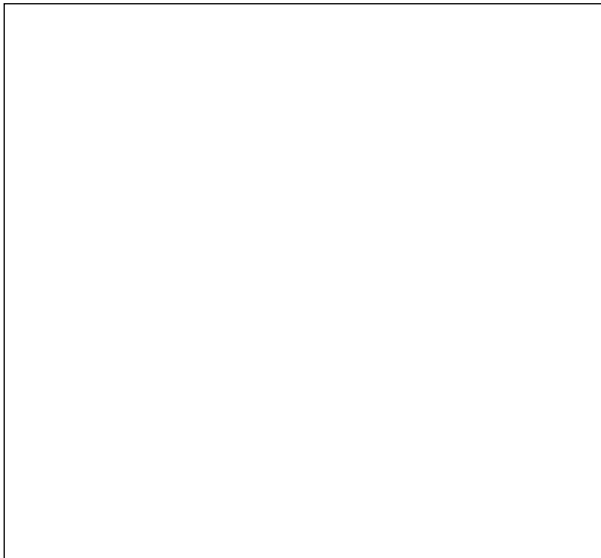
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 277.0 V
Power: 453.45 W

Photometric Results

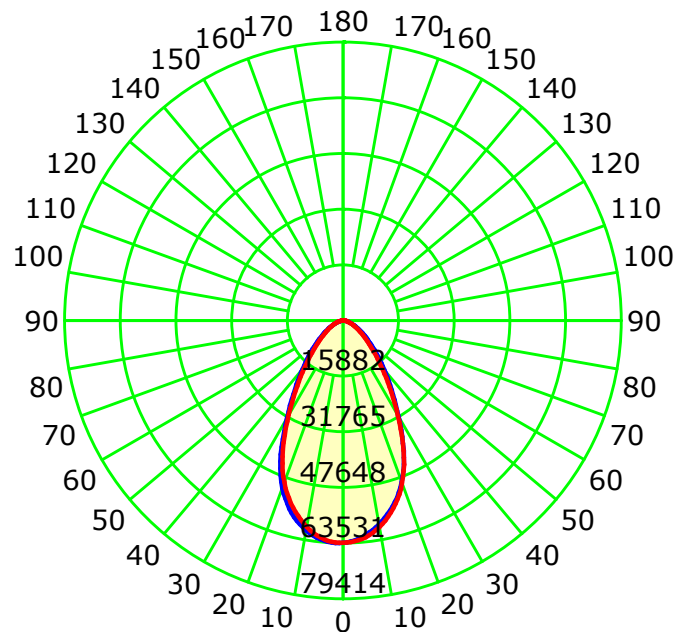
IES Classification: Type I
Total Rated Lamp Lumens: 76574.1 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 63423.21 cd
Pos of Max. Intensity: H202.5 V1
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 60.3, 59.5, 59.2, 59.0

Longitudinal Classification: Very Short
Measurement Flux: 76574.1 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 168.92
Max. Intensity: 63531.97 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

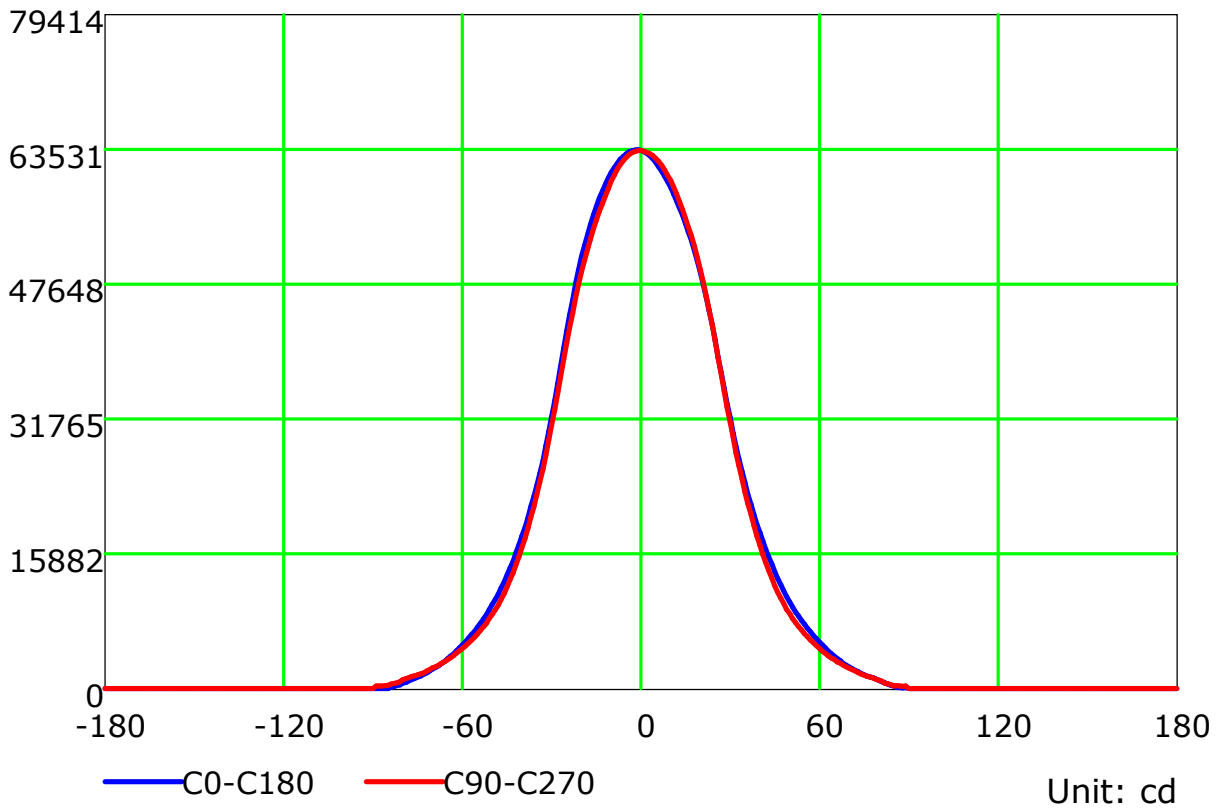
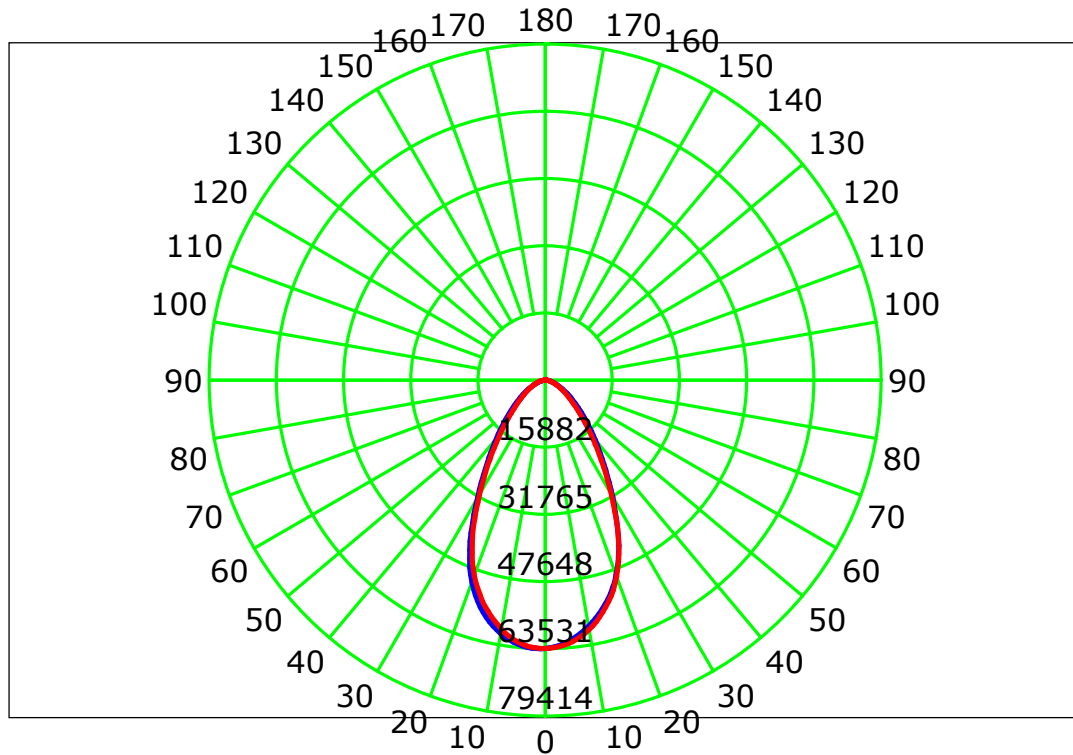
Average Diffuse Angle(50%): 59.9°

— C0-C180 — C90-C270

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

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

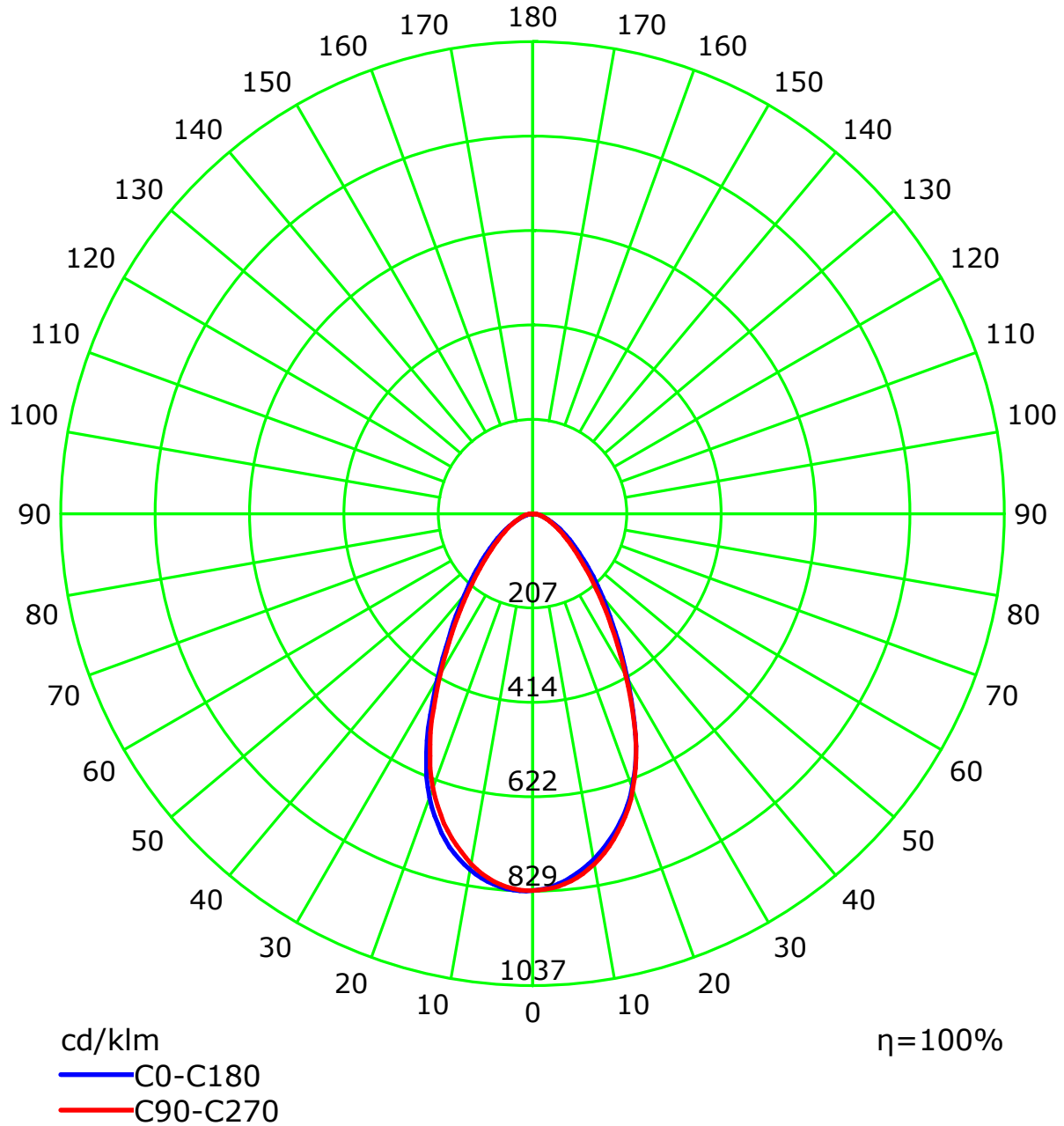
Luminous Intensity Distribution Curve



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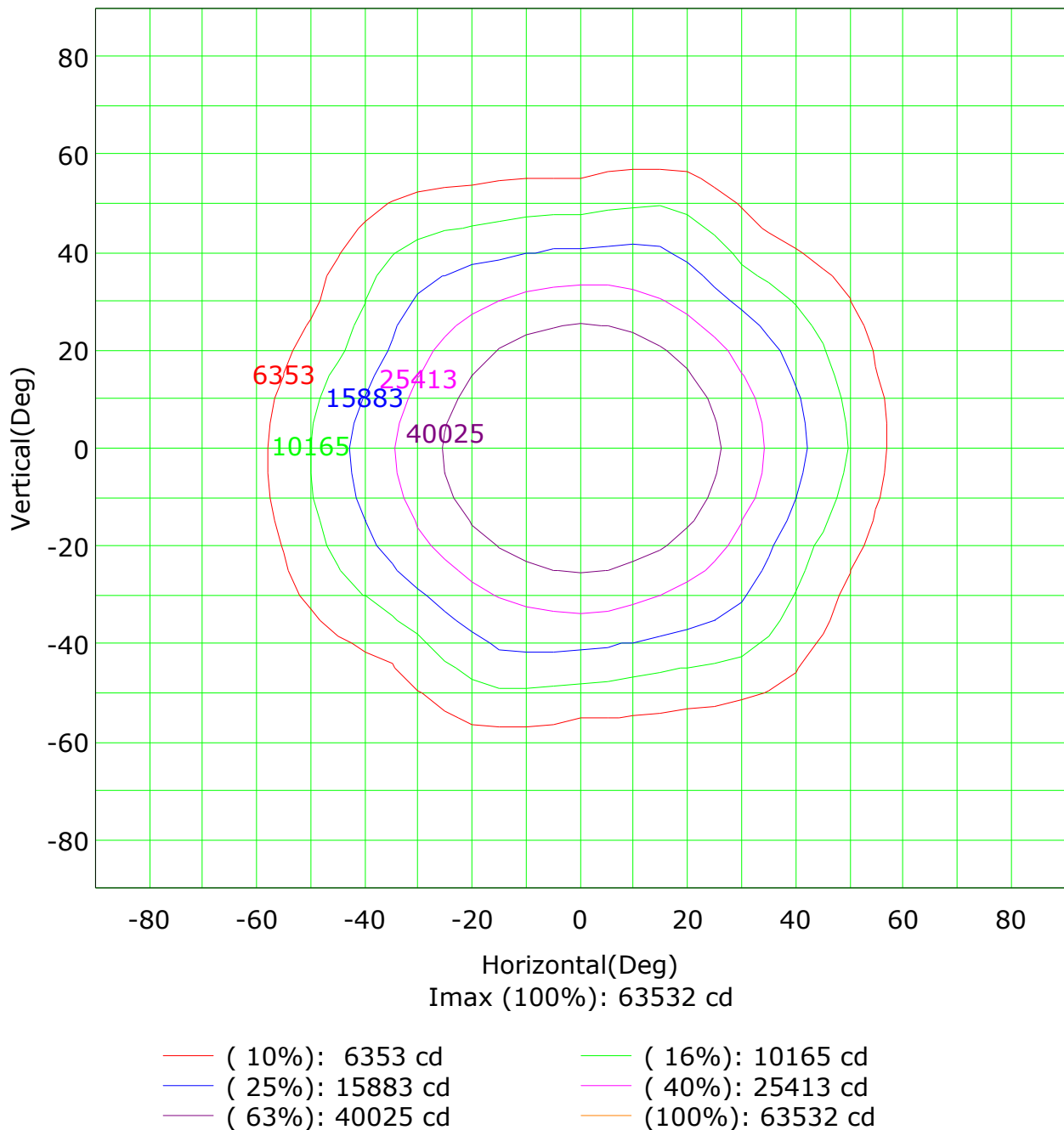
Luminous Intensity Distribution Curve(cd/klm)



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

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Test Device: GPM-3000
Distance: 14.450 m [K=1.0000]
Humidity:
Inspector:

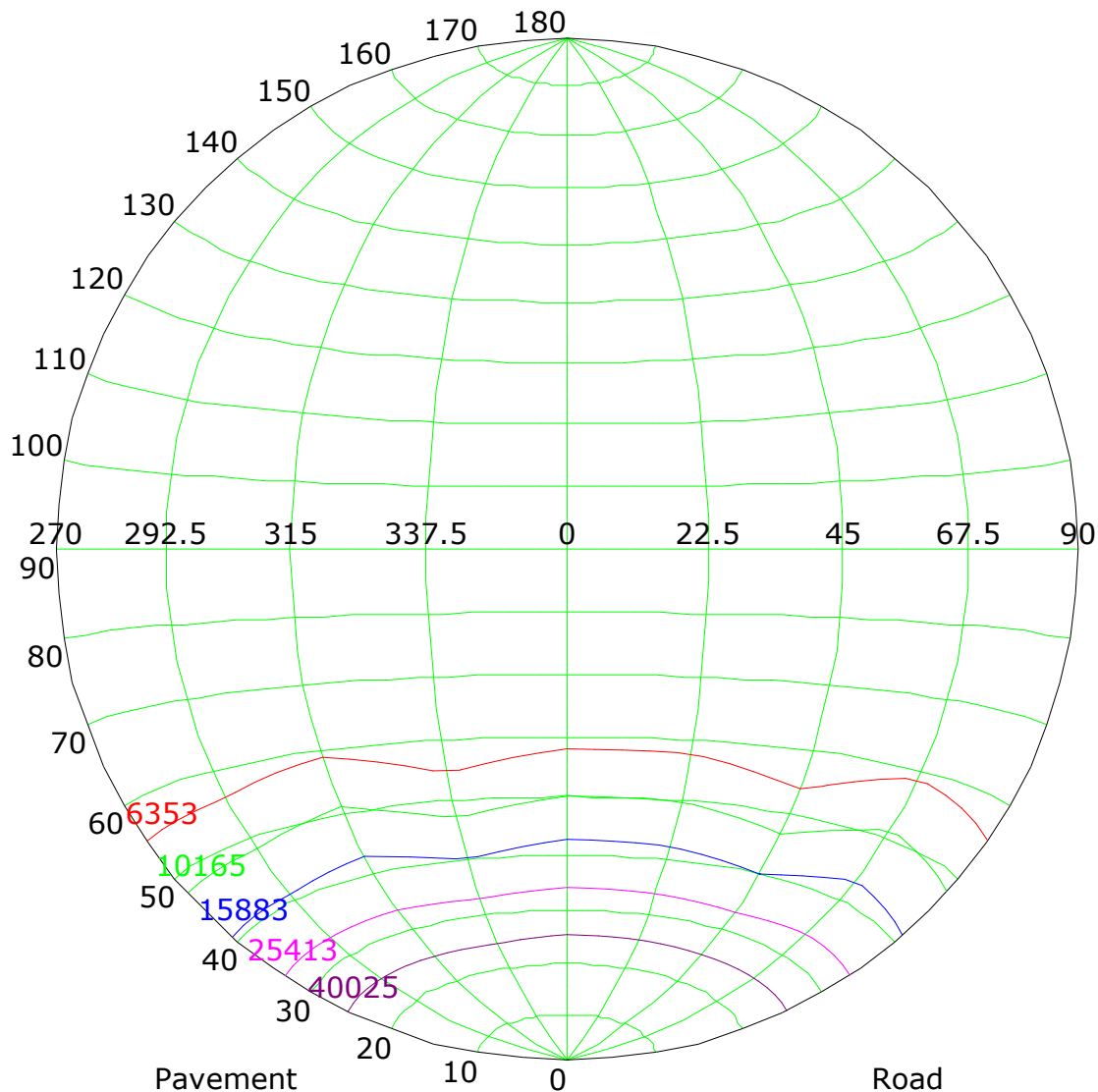
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
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Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 63532 cd

(10%): 6353 cd
(25%): 15883 cd
(63%): 40025 cd

(16%): 10165 cd
(40%): 25413 cd
(100%): 63532 cd

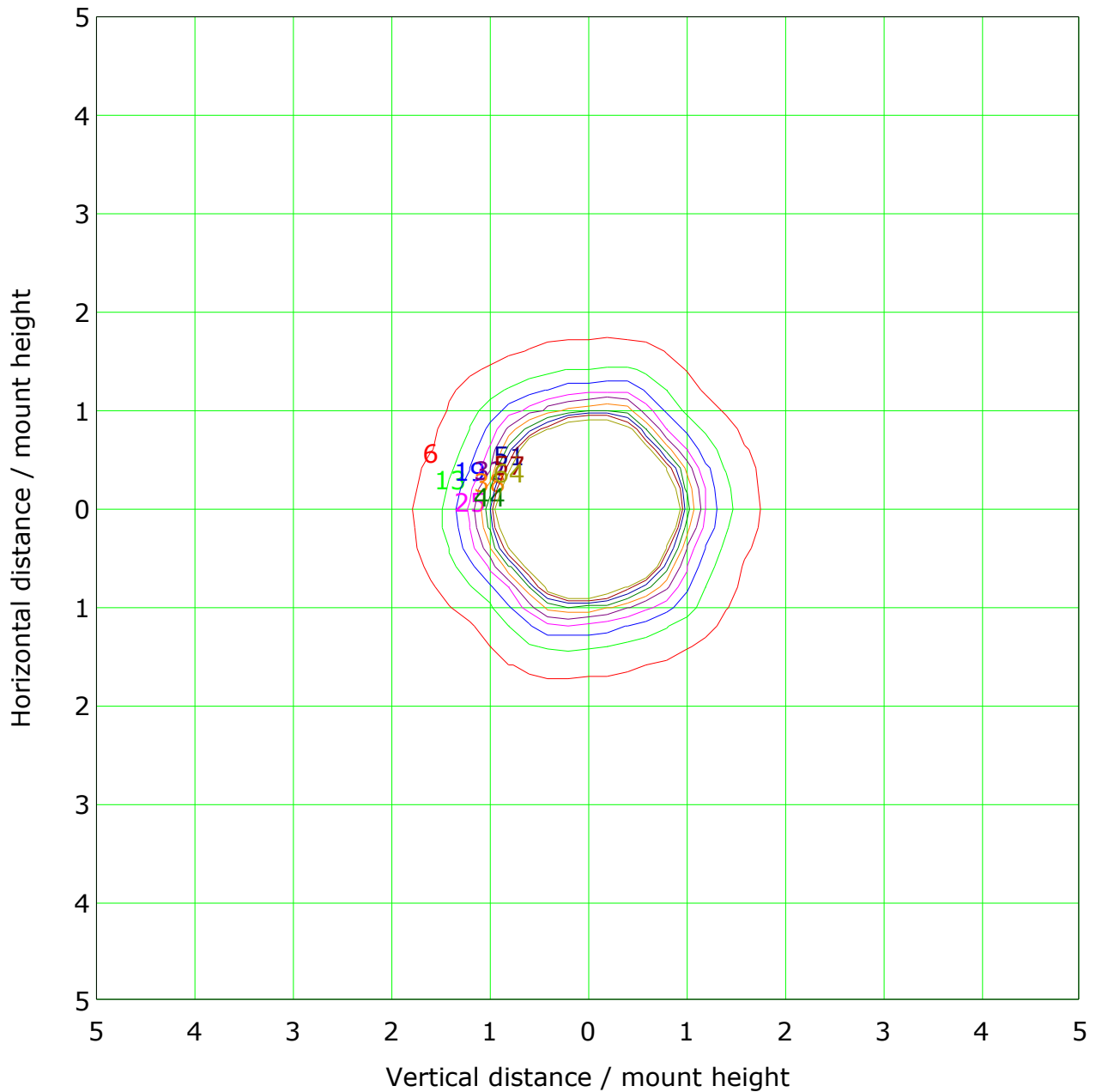
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Cut-off
Max.At80: 14.991 cd/klm
Max.80-90: 14.991 cd/klm

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

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

IsoLux Plot



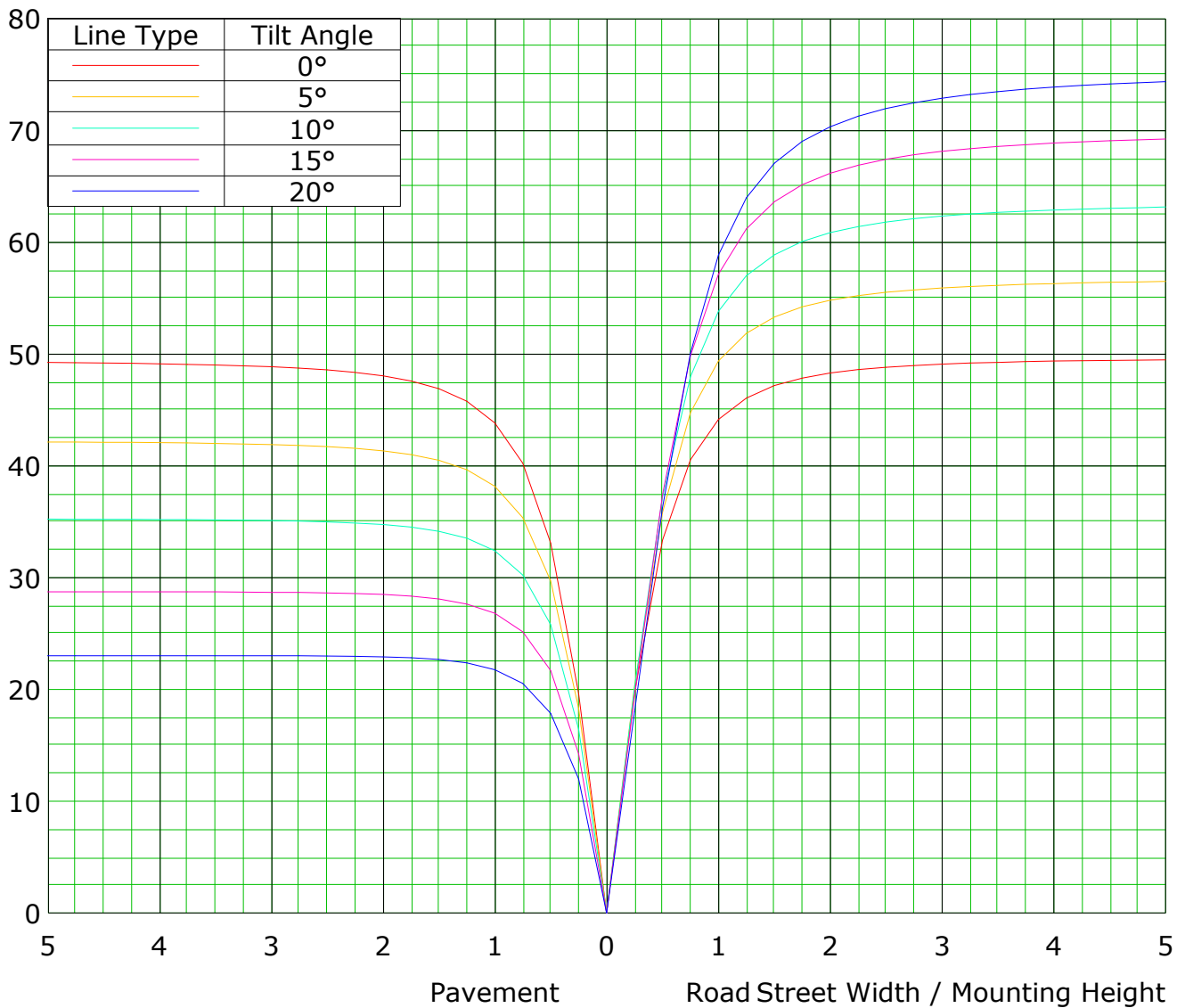
Mounting Height: 10.0m Max Lux(100%): 635.0 lx	
(1%): 6.4 lx	(2%): 12.7 lx
(3%): 19.1 lx	(4%): 25.4 lx
(5%): 31.8 lx	(6%): 38.1 lx
(7%): 44.5 lx	(8%): 50.8 lx
(9%): 57.2 lx	(10%): 63.5 lx

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

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Test Device: GPM-3000
Distance: 14.450 m [K=1.0000]
Humidity:
Inspector:

Roadway CU Curve

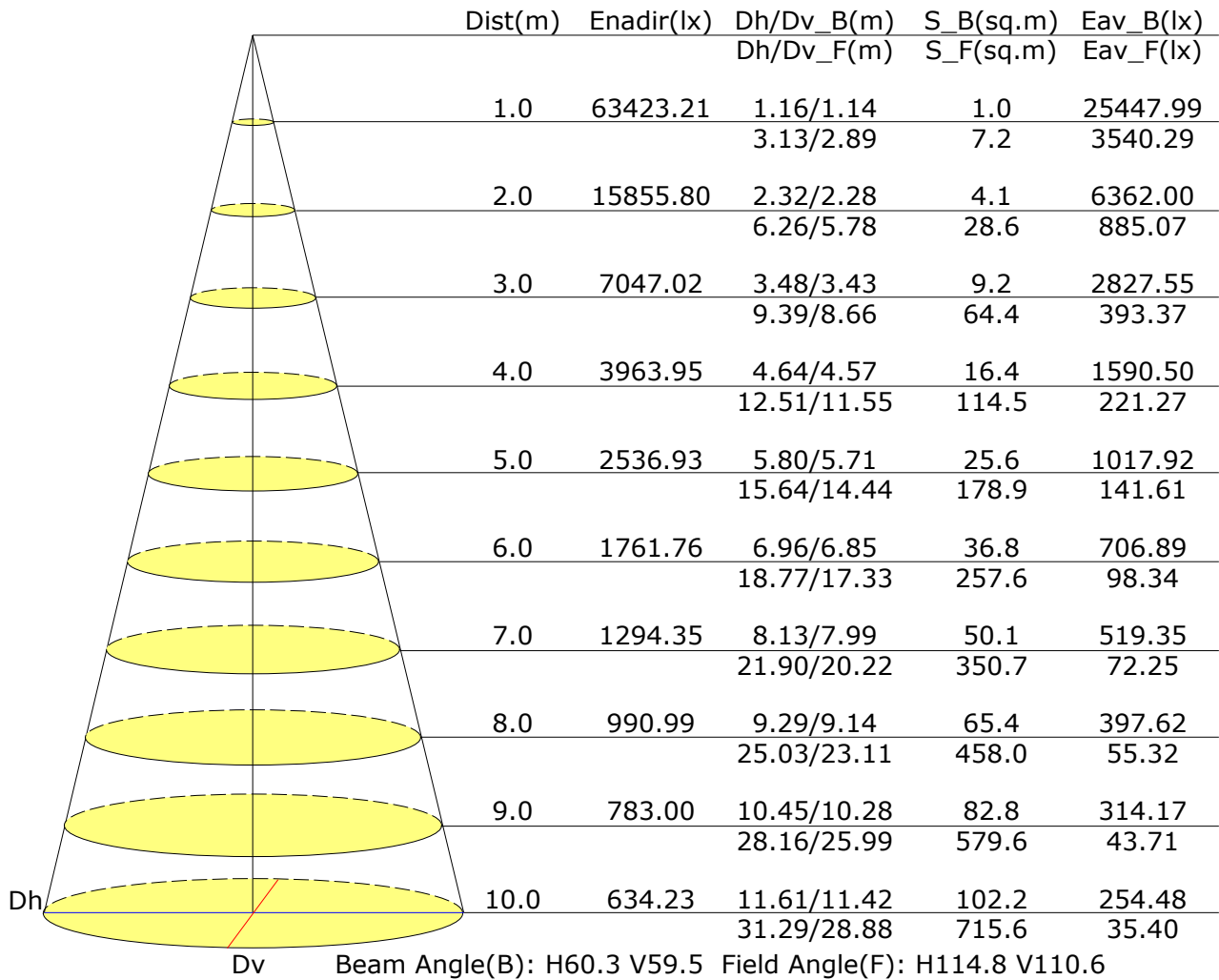
Efficiency(%)



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

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

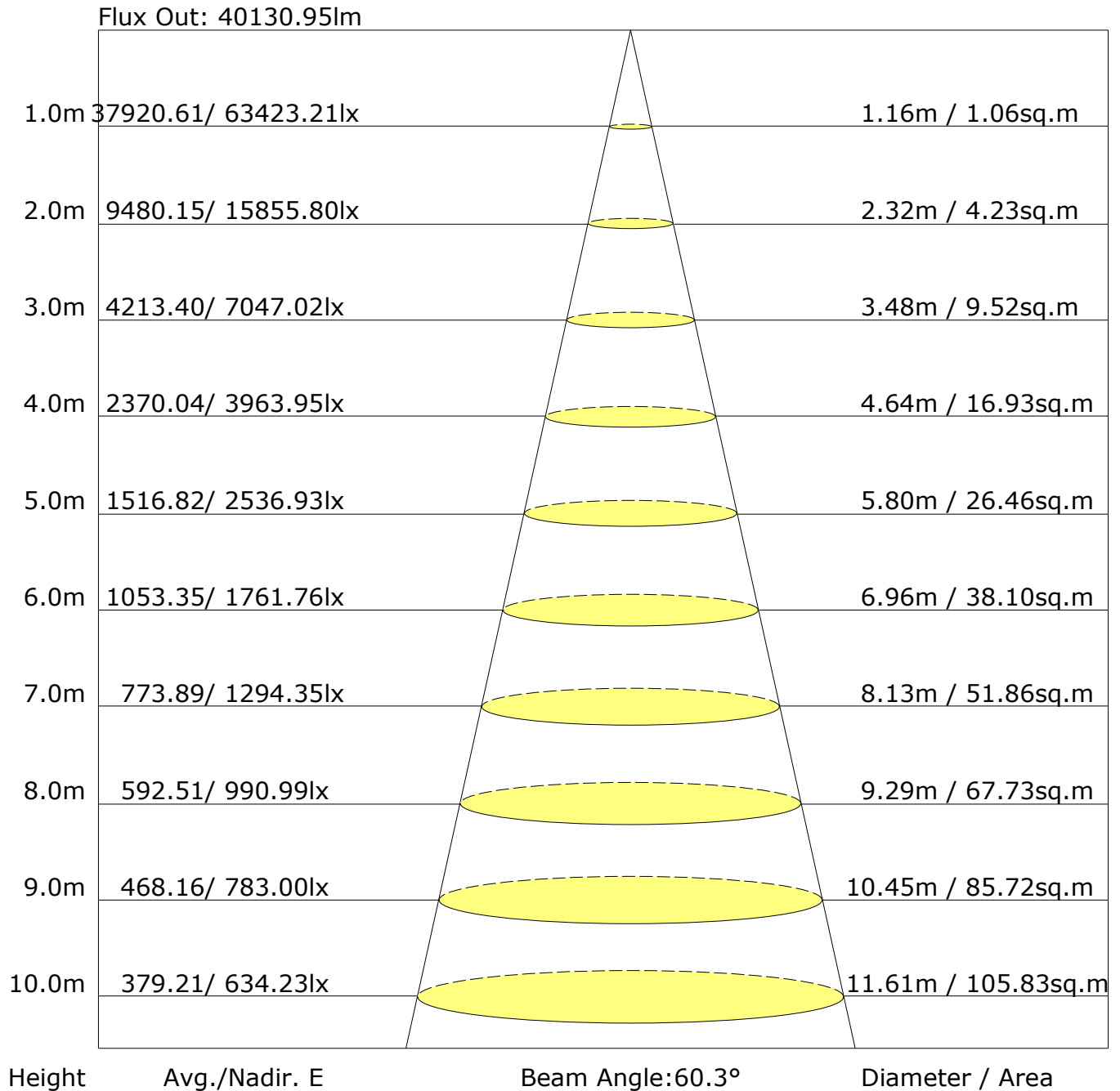
Illuminance at a Distance



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

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

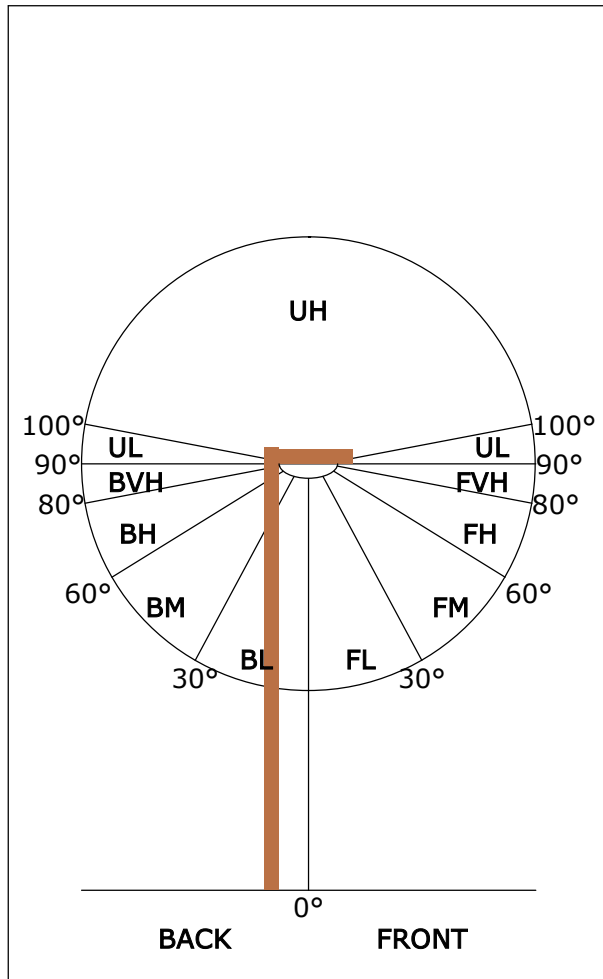
The Average Illuminance Effective Figure



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

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	38392	50.1
FL (0°-30°)	20024	26.1
FM (30°-60°)	15458	20.2
FH (60°-80°)	2668	3.5
FVH (80°-90°)	241	0.3
BACK LIGHT	38182	49.9
BL (0°-30°)	19884	26.0
BM (30°-60°)	15385	20.1
BH (60°-80°)	2672	3.5
BVH (80°-90°)	242	0.3
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G2

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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	63408.9	60.7	60.7	0.08	0.08
1.0-2.0	63345.5	181.8	242.5	0.24	0.32
2.0-3.0	63210.3	302.4	544.9	0.39	0.71
3.0-4.0	63003.3	421.8	966.7	0.55	1.26
4.0-5.0	62718.0	539.6	1506.3	0.70	1.97
5.0-6.0	62360.4	655.4	2161.7	0.86	2.82
6.0-7.0	61931.2	768.8	2930.5	1.00	3.83
7.0-8.0	61428.2	879.3	3809.8	1.15	4.98
8.0-9.0	60856.9	986.4	4796.2	1.29	6.26
9.0-10.0	60218.6	1089.9	5886.1	1.42	7.69
10.0-11.0	59512.2	1189.3	7075.4	1.55	9.24
11.0-12.0	58739.8	1284.2	8359.6	1.68	10.92
12.0-13.0	57900.7	1374.3	9733.9	1.79	12.71
13.0-14.0	56991.2	1459.0	11192.9	1.91	14.62
14.0-15.0	56030.2	1538.4	12731.3	2.01	16.63
15.0-16.0	54999.7	1611.8	14343.1	2.10	18.73
16.0-17.0	53875.4	1678.0	16021.1	2.19	20.92
17.0-18.0	52680.2	1737.2	17758.2	2.27	23.19
18.0-19.0	51420.3	1789.2	19547.4	2.34	25.53
19.0-20.0	50053.3	1832.2	21379.7	2.39	27.92
20.0-21.0	48579.7	1865.7	23245.3	2.44	30.36
21.0-22.0	47017.4	1889.7	25135.0	2.47	32.82
22.0-23.0	45350.2	1903.1	27038.1	2.49	35.31
23.0-24.0	43586.4	1905.9	28944.1	2.49	37.80
24.0-25.0	41748.9	1898.6	30842.6	2.48	40.28
25.0-26.0	39839.8	1880.8	32723.5	2.46	42.73
26.0-27.0	37872.9	1853.1	34576.6	2.42	45.15
27.0-28.0	35918.9	1818.8	36395.4	2.38	47.53
28.0-29.0	33994.3	1778.8	38174.2	2.32	49.85
29.0-30.0	32100.1	1733.4	39907.5	2.26	52.12
30.0-31.0	30280.5	1685.3	41592.9	2.20	54.32
31.0-32.0	28543.7	1635.5	43228.4	2.14	56.45
32.0-33.0	26901.8	1585.1	44813.4	2.07	58.52
33.0-34.0	25363.0	1535.1	46348.6	2.00	60.53
34.0-35.0	23903.1	1484.7	47833.2	1.94	62.47
35.0-36.0	22506.5	1433.2	49266.5	1.87	64.34

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 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	21200.6	1382.9	50649.4	1.81	66.14
37.0-38.0	19980.5	1333.8	51983.2	1.74	67.89
38.0-39.0	18830.2	1285.4	53268.6	1.68	69.56
39.0-40.0	17748.7	1238.0	54506.7	1.62	71.18
40.0-41.0	16725.1	1191.1	55697.8	1.56	72.74
41.0-42.0	15764.0	1145.5	56843.3	1.50	74.23
42.0-43.0	14850.8	1100.2	57943.5	1.44	75.67
43.0-44.0	13992.8	1056.3	58999.8	1.38	77.05
44.0-45.0	13178.7	1012.9	60012.7	1.32	78.37
45.0-46.0	12385.1	968.7	60981.4	1.27	79.64
46.0-47.0	11646.9	926.5	61907.9	1.21	80.85
47.0-48.0	10960.4	886.2	62794.0	1.16	82.00
48.0-49.0	10318.2	847.4	63641.5	1.11	83.11
49.0-50.0	9721.5	810.6	64452.1	1.06	84.17
50.0-51.0	9156.3	774.8	65226.9	1.01	85.18
51.0-52.0	8622.1	740.0	65966.9	0.97	86.15
52.0-53.0	8114.7	706.0	66672.8	0.92	87.07
53.0-54.0	7634.7	673.0	67345.8	0.88	87.95
54.0-55.0	7188.8	641.8	67987.6	0.84	88.79
55.0-56.0	6762.3	611.1	68598.8	0.80	89.58
56.0-57.0	6348.7	580.6	69179.3	0.76	90.34
57.0-58.0	5965.0	551.7	69731.0	0.72	91.06
58.0-59.0	5601.8	523.8	70254.8	0.68	91.75
59.0-60.0	5247.0	495.8	70750.6	0.65	92.39
60.0-61.0	4911.7	468.8	71219.4	0.61	93.01
61.0-62.0	4593.7	442.7	71662.1	0.58	93.59
62.0-63.0	4280.3	416.4	72078.4	0.54	94.13
63.0-64.0	3985.8	391.2	72469.6	0.51	94.64
64.0-65.0	3720.1	368.2	72837.8	0.48	95.12
65.0-66.0	3464.7	345.7	73183.5	0.45	95.57
66.0-67.0	3214.0	323.2	73506.8	0.42	95.99
67.0-68.0	2975.9	301.5	73808.2	0.39	96.39
68.0-69.0	2751.4	280.7	74089.0	0.37	96.75
69.0-70.0	2552.5	262.2	74351.1	0.34	97.10
70.0-71.0	2374.8	245.5	74596.6	0.32	97.42
71.0-72.0	2195.7	228.3	74825.0	0.30	97.72

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 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	2016.3	210.9	75035.9	0.28	97.99
73.0-74.0	1838.8	193.3	75229.2	0.25	98.24
74.0-75.0	1675.7	177.1	75406.3	0.23	98.47
75.0-76.0	1539.1	163.4	75569.7	0.21	98.69
76.0-77.0	1411.8	150.5	75720.2	0.20	98.88
77.0-78.0	1287.3	137.8	75858.0	0.18	99.06
78.0-79.0	1150.7	123.7	75981.7	0.16	99.23
79.0-80.0	1012.1	109.1	76090.8	0.14	99.37
80.0-81.0	874.8	94.6	76185.4	0.12	99.49
81.0-82.0	739.2	80.2	76265.6	0.10	99.60
82.0-83.0	629.9	68.5	76334.1	0.09	99.69
83.0-84.0	523.1	57.0	76391.1	0.07	99.76
84.0-85.0	412.3	45.0	76436.1	0.06	99.82
85.0-86.0	319.1	34.9	76470.9	0.05	99.87
86.0-87.0	275.9	30.2	76501.1	0.04	99.90
87.0-88.0	272.7	29.9	76531.0	0.04	99.94
88.0-89.0	264.1	28.9	76560.0	0.04	99.98
89.0-90.0	128.6	14.1	76574.1	0.02	100.00
90.0-91.0	0.0	0.0	76574.1	0.00	100.00
91.0-92.0	0.0	0.0	76574.1	0.00	100.00
92.0-93.0	0.0	0.0	76574.1	0.00	100.00
93.0-94.0	0.0	0.0	76574.1	0.00	100.00
94.0-95.0	0.0	0.0	76574.1	0.00	100.00
95.0-96.0	0.0	0.0	76574.1	0.00	100.00
96.0-97.0	0.0	0.0	76574.1	0.00	100.00
97.0-98.0	0.0	0.0	76574.1	0.00	100.00
98.0-99.0	0.0	0.0	76574.1	0.00	100.00
99.0-100.0	0.0	0.0	76574.1	0.00	100.00
100.0-101.0	0.0	0.0	76574.1	0.00	100.00
101.0-102.0	0.0	0.0	76574.1	0.00	100.00
102.0-103.0	0.0	0.0	76574.1	0.00	100.00
103.0-104.0	0.0	0.0	76574.1	0.00	100.00
104.0-105.0	0.0	0.0	76574.1	0.00	100.00
105.0-106.0	0.0	0.0	76574.1	0.00	100.00
106.0-107.0	0.0	0.0	76574.1	0.00	100.00
107.0-108.0	0.0	0.0	76574.1	0.00	100.00

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 Test Device: GPM-3000
 Distance: 14.450 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	76574.1	0.00	100.00
109.0-110.0	0.0	0.0	76574.1	0.00	100.00
110.0-111.0	0.0	0.0	76574.1	0.00	100.00
111.0-112.0	0.0	0.0	76574.1	0.00	100.00
112.0-113.0	0.0	0.0	76574.1	0.00	100.00
113.0-114.0	0.0	0.0	76574.1	0.00	100.00
114.0-115.0	0.0	0.0	76574.1	0.00	100.00
115.0-116.0	0.0	0.0	76574.1	0.00	100.00
116.0-117.0	0.0	0.0	76574.1	0.00	100.00
117.0-118.0	0.0	0.0	76574.1	0.00	100.00
118.0-119.0	0.0	0.0	76574.1	0.00	100.00
119.0-120.0	0.0	0.0	76574.1	0.00	100.00
120.0-121.0	0.0	0.0	76574.1	0.00	100.00
121.0-122.0	0.0	0.0	76574.1	0.00	100.00
122.0-123.0	0.0	0.0	76574.1	0.00	100.00
123.0-124.0	0.0	0.0	76574.1	0.00	100.00
124.0-125.0	0.0	0.0	76574.1	0.00	100.00
125.0-126.0	0.0	0.0	76574.1	0.00	100.00
126.0-127.0	0.0	0.0	76574.1	0.00	100.00
127.0-128.0	0.0	0.0	76574.1	0.00	100.00
128.0-129.0	0.0	0.0	76574.1	0.00	100.00
129.0-130.0	0.0	0.0	76574.1	0.00	100.00
130.0-131.0	0.0	0.0	76574.1	0.00	100.00
131.0-132.0	0.0	0.0	76574.1	0.00	100.00
132.0-133.0	0.0	0.0	76574.1	0.00	100.00
133.0-134.0	0.0	0.0	76574.1	0.00	100.00
134.0-135.0	0.0	0.0	76574.1	0.00	100.00
135.0-136.0	0.0	0.0	76574.1	0.00	100.00
136.0-137.0	0.0	0.0	76574.1	0.00	100.00
137.0-138.0	0.0	0.0	76574.1	0.00	100.00
138.0-139.0	0.0	0.0	76574.1	0.00	100.00
139.0-140.0	0.0	0.0	76574.1	0.00	100.00
140.0-141.0	0.0	0.0	76574.1	0.00	100.00
141.0-142.0	0.0	0.0	76574.1	0.00	100.00
142.0-143.0	0.0	0.0	76574.1	0.00	100.00
143.0-144.0	0.0	0.0	76574.1	0.00	100.00

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 Test Device: GPM-3000
 Distance: 14.450 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	76574.1	0.00	100.00
145.0-146.0	0.0	0.0	76574.1	0.00	100.00
146.0-147.0	0.0	0.0	76574.1	0.00	100.00
147.0-148.0	0.0	0.0	76574.1	0.00	100.00
148.0-149.0	0.0	0.0	76574.1	0.00	100.00
149.0-150.0	0.0	0.0	76574.1	0.00	100.00
150.0-151.0	0.0	0.0	76574.1	0.00	100.00
151.0-152.0	0.0	0.0	76574.1	0.00	100.00
152.0-153.0	0.0	0.0	76574.1	0.00	100.00
153.0-154.0	0.0	0.0	76574.1	0.00	100.00
154.0-155.0	0.0	0.0	76574.1	0.00	100.00
155.0-156.0	0.0	0.0	76574.1	0.00	100.00
156.0-157.0	0.0	0.0	76574.1	0.00	100.00
157.0-158.0	0.0	0.0	76574.1	0.00	100.00
158.0-159.0	0.0	0.0	76574.1	0.00	100.00
159.0-160.0	0.0	0.0	76574.1	0.00	100.00
160.0-161.0	0.0	0.0	76574.1	0.00	100.00
161.0-162.0	0.0	0.0	76574.1	0.00	100.00
162.0-163.0	0.0	0.0	76574.1	0.00	100.00
163.0-164.0	0.0	0.0	76574.1	0.00	100.00
164.0-165.0	0.0	0.0	76574.1	0.00	100.00
165.0-166.0	0.0	0.0	76574.1	0.00	100.00
166.0-167.0	0.0	0.0	76574.1	0.00	100.00
167.0-168.0	0.0	0.0	76574.1	0.00	100.00
168.0-169.0	0.0	0.0	76574.1	0.00	100.00
169.0-170.0	0.0	0.0	76574.1	0.00	100.00
170.0-171.0	0.0	0.0	76574.1	0.00	100.00
171.0-172.0	0.0	0.0	76574.1	0.00	100.00
172.0-173.0	0.0	0.0	76574.1	0.00	100.00
173.0-174.0	0.0	0.0	76574.1	0.00	100.00
174.0-175.0	0.0	0.0	76574.1	0.00	100.00
175.0-176.0	0.0	0.0	76574.1	0.00	100.00
176.0-177.0	0.0	0.0	76574.1	0.00	100.00
177.0-178.0	0.0	0.0	76574.1	0.00	100.00
178.0-179.0	0.0	0.0	76574.1	0.00	100.00
179.0-180.0	0.0	0.0	76574.1	0.00	100.00

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

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

Zonal Lumen (Continue 5)

cone flux(90°): 60012.71 lm

%lum = 78.4%

%lamp = 78.4%

cone flux(120°): 70750.58 lm

%lum = 92.4%

%lamp = 92.4%

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	63423.2	63423.2	63423.2	63423.2	63423.2	63423.2	63423.2	63423.2	63423.2	63423.2
G1.0	63270.5	63279.4	63339.2	63315.3	63318.8	63414.1	63476.3	63467.0	63509.7	63532.0
G2.0	63101.2	63073.0	63078.1	63141.5	63219.9	63352.3	63474.5	63507.2	63493.1	63528.3
G3.0	62817.8	62789.2	62780.5	62907.4	63053.3	63254.1	63404.9	63472.5	63412.2	63458.2
G4.0	62438.8	62420.5	62448.3	62607.4	62833.5	63066.7	63267.7	63373.9	63272.3	63272.1
G5.0	62043.1	61992.9	62022.9	62232.4	62494.7	62823.0	63057.2	63123.9	63022.1	63012.2
G6.0	61507.7	61548.7	61582.8	61806.2	62154.0	62519.3	62747.9	62868.4	62709.2	62702.5
G7.0	60974.0	60995.8	61077.1	61308.6	61681.5	62106.4	62435.0	62530.8	62368.8	62260.2
G8.0	60399.9	60418.9	60562.3	60801.9	61146.7	61659.0	61986.6	62067.2	61908.8	61795.7
G9.0	59759.5	59805.1	59961.6	60147.1	60507.5	61029.7	61487.0	61567.2	61415.7	61309.1
G10.0	59093.4	59169.2	59320.7	59517.8	59881.2	60385.8	60773.3	60992.3	60852.6	60662.2
G11.0	58320.6	58494.6	58647.0	58830.0	59132.1	59609.2	60088.9	60287.8	60146.0	59974.7
G12.0	57505.4	57790.5	57891.2	57997.7	58326.3	58819.8	59302.0	59568.8	59430.2	59252.1
G13.0	56668.2	56883.7	57089.7	57194.7	57423.4	57855.9	58430.9	58769.4	58650.0	58507.5
G14.0	55799.6	55969.5	56187.7	56269.1	56467.4	56981.0	57402.4	57862.4	57821.9	57545.4
G15.0	54840.9	55103.2	55148.9	55263.0	55443.6	55931.6	56427.0	56809.3	56839.3	56704.9
G16.0	53828.9	53934.6	54095.4	54172.8	54385.0	54831.2	55301.6	55736.2	55858.5	55543.7
G17.0	52807.6	52823.2	52866.7	53009.4	53308.1	53558.1	54004.1	54564.6	54633.0	54402.8
G18.0	51628.1	51665.7	51641.6	51820.4	52145.1	52335.8	52783.4	53257.8	53451.6	53178.9
G19.0	50422.8	50414.2	50308.8	50463.1	50839.3	51029.9	51458.5	51921.9	52220.6	51916.4
G20.0	48983.8	49068.7	48890.2	49076.5	49344.8	49631.3	50003.6	50450.9	50857.1	50349.7
G21.0	47583.5	47415.3	47398.5	47591.2	47852.2	48110.8	48470.1	48910.6	49337.1	48753.5
G22.0	46111.4	45896.6	45660.4	45954.0	46277.1	46350.2	46665.7	47238.9	47736.2	47142.6
G23.0	44517.9	44326.2	44009.9	44115.6	44649.0	44613.2	44947.3	45463.2	45829.9	45319.7
G24.0	42854.4	42630.5	42228.0	42357.8	42830.4	42783.5	43064.2	43497.6	43995.3	43408.3
G25.0	41054.8	40864.7	40400.4	40528.5	40960.4	40855.6	41133.5	41599.6	42127.6	41473.0
G26.0	39073.0	38986.6	38550.9	38657.2	38993.5	38851.3	39091.2	39592.1	40173.4	39314.6
G27.0	37225.5	37119.4	36650.3	36705.4	37026.5	36788.8	37023.3	37580.9	37961.6	37226.4
G28.0	35390.9	35270.8	34725.9	35002.4	35076.0	34737.2	35023.0	35542.3	35926.4	35202.6
G29.0	33591.3	33409.2	32823.5	33162.2	33160.3	32732.9	33050.3	33553.1	33964.8	33237.7
G30.0	31918.6	31625.0	30986.8	31155.5	31372.8	30839.5	31057.4	31594.8	32058.5	31311.6
G31.0	30120.8	29888.7	29173.8	29487.3	29627.4	28980.7	29371.9	29693.1	30279.1	29531.2
G32.0	28545.7	28252.0	27260.4	27886.7	27757.5	27252.8	27748.7	27828.0	28613.8	27717.5
G33.0	27075.4	26666.9	25518.6	26534.9	26288.7	25541.3	26227.9	26004.8	26858.3	26090.0
G34.0	25614.4	25216.3	24027.0	25152.0	24708.1	23986.3	24871.9	24444.4	25347.6	24597.0
G35.0	24261.9	23782.3	22341.8	23906.3	23138.6	22516.7	23546.9	22825.6	23973.0	23209.1
G36.0	22878.1	22427.6	20884.9	22755.7	21788.8	21056.2	22359.3	21163.0	22675.7	21880.2

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

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

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	21696.8	21170.6	19500.9	21595.9	20525.1	19759.4	21175.2	19739.5	21431.8	20516.2
G38.0	20498.9	20059.1	18233.9	20536.8	19230.3	18495.3	20225.4	18434.6	20141.9	19366.1
G39.0	19372.7	18993.8	16970.4	19627.7	18028.8	17464.1	19180.5	17191.7	19010.2	18247.3
G40.0	18380.9	17904.5	15882.3	18603.3	16875.0	16338.2	18230.7	16023.7	17994.5	17237.2
G41.0	17356.0	16855.7	14788.6	17767.4	15796.3	15372.5	17376.1	14994.4	16971.4	16247.5
G42.0	16393.6	15987.6	13866.6	16925.9	14856.7	14355.8	16523.3	14023.5	16036.6	15213.5
G43.0	15515.8	15119.5	12833.3	16058.8	13935.5	13497.3	15610.1	13036.1	15024.5	14402.5
G44.0	14693.3	14282.7	11969.7	15327.2	13029.0	12642.4	14911.1	12245.9	14222.2	13609.9
G45.0	13791.7	13458.8	11246.7	14524.1	12135.2	11871.3	14102.2	11421.0	13416.3	12780.5
G46.0	12991.2	12688.3	10481.7	13726.6	11360.5	11127.4	13295.1	10616.2	12584.5	11930.8
G47.0	12257.0	11934.5	9778.8	13007.7	10666.4	10416.2	12585.1	9986.5	11870.6	11283.8
G48.0	11522.8	11324.4	9170.8	12246.7	10049.2	9841.5	11867.7	9287.5	11118.0	10618.5
G49.0	10842.0	10659.0	8655.9	11606.5	9322.1	9259.5	11252.8	8743.7	10496.0	10045.2
G50.0	10212.6	10071.0	8100.9	10957.1	8858.7	8688.4	10601.3	8247.3	9886.9	9372.5
G51.0	9605.4	9477.5	7575.1	10351.6	8241.5	8213.7	10006.6	7710.7	9305.5	8843.5
G52.0	9049.7	8928.3	7149.7	9722.4	7774.5	7760.8	9406.3	7314.7	8703.7	8355.1
G53.0	8593.3	8441.7	6665.9	9115.1	7331.3	7331.6	8829.9	6796.4	8197.7	7881.4
G54.0	8030.3	7945.9	6253.2	8584.6	6906.4	6880.5	8357.7	6400.4	7662.2	7433.5
G55.0	7583.1	7470.3	5930.1	8134.6	6468.7	6531.3	7856.3	6055.4	7242.7	7005.9
G56.0	7128.6	7057.5	5528.4	7613.3	6128.0	6111.2	7387.8	5663.0	6738.5	6534.0
G57.0	6679.6	6607.7	5208.9	7123.0	5719.6	5731.0	6930.3	5332.7	6368.6	6145.1
G58.0	6258.2	6279.7	4858.3	6687.7	5411.9	5438.2	6458.2	5020.6	5950.9	5747.0
G59.0	5912.3	5817.0	4584.5	6241.3	5076.8	5083.5	6075.7	4712.2	5535.1	5404.1
G60.0	5498.3	5463.1	4301.5	5859.0	4721.5	4738.0	5702.4	4449.4	5154.2	5061.3
G61.0	5157.8	5135.0	4051.4	5431.0	4412.0	4481.5	5266.8	4221.3	4810.1	4707.4
G62.0	4793.5	4788.5	3839.6	5083.4	4162.9	4163.2	4856.9	3883.6	4469.6	4348.0
G63.0	4445.7	4414.4	3587.6	4724.9	3877.2	3910.4	4529.3	3686.6	4090.6	4062.3
G64.0	4142.1	4125.0	3328.4	4353.6	3620.8	3655.8	4231.0	3440.2	3825.6	3798.8
G65.0	3838.5	3887.2	3074.6	4042.6	3443.1	3419.3	3908.9	3202.9	3529.3	3561.0
G66.0	3549.6	3601.5	2897.5	3744.4	3162.9	3173.8	3616.1	3016.8	3222.0	3245.8
G67.0	3284.6	3343.5	2689.3	3460.9	3009.1	2966.5	3325.2	2805.1	2968.1	2984.1
G68.0	2973.6	3081.8	2525.0	3166.4	2758.2	2799.1	3036.0	2640.8	2701.3	2768.4
G69.0	2769.4	2832.9	2318.7	2895.7	2575.0	2548.1	2801.8	2440.1	2519.1	2543.6
G70.0	2565.1	2633.9	2232.9	2729.2	2380.9	2409.9	2549.2	2288.6	2314.9	2368.5
G71.0	2364.5	2475.4	2055.8	2462.1	2254.5	2264.4	2366.2	2188.2	2106.9	2219.2
G72.0	2171.3	2263.4	1942.6	2295.7	2075.0	2078.9	2175.9	1954.6	1886.1	2012.7
G73.0	2007.6	2088.3	1754.6	2112.8	1890.1	1895.2	1983.7	1828.7	1733.4	1852.4

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

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

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	1796.0	1911.4	1632.2	1915.2	1730.7	1716.9	1773.3	1653.5	1505.2	1620.1
G75.0	1650.6	1752.8	1524.5	1730.5	1604.4	1562.3	1573.8	1533.0	1370.9	1470.8
G76.0	1490.5	1605.4	1500.8	1585.9	1468.8	1424.1	1438.4	1460.0	1242.1	1321.5
G77.0	1376.4	1485.6	1383.9	1436.0	1384.6	1324.1	1284.7	1314.0	1080.1	1233.1
G78.0	1289.9	1371.3	1278.0	1344.5	1263.7	1189.5	1127.3	1233.7	921.9	1021.1
G79.0	1137.2	1218.3	1141.1	1150.6	1111.7	1016.7	993.7	1058.5	745.2	849.7
G80.0	960.5	1072.7	1035.2	1033.5	994.5	905.8	843.6	932.6	666.1	752.0
G81.0	807.8	901.3	828.9	856.1	869.9	820.3	733.8	804.8	426.9	639.6
G82.0	697.4	752.0	699.3	770.1	633.7	689.3	603.9	688.0	401.1	517.9
G83.0	530.0	667.2	704.7	623.8	589.7	545.6	578.3	543.9	263.1	447.9
G84.0	397.5	446.0	567.8	428.0	474.3	460.2	477.6	516.5	169.3	313.3
G85.0	303.6	344.7	480.2	406.1	320.5	403.8	316.6	397.9	0.0	189.8
G86.0	150.9	252.5	328.6	303.7	359.0	227.4	349.5	224.5	0.0	189.8
G87.0	125.1	197.2	304.9	259.8	316.8	327.4	356.9	386.9	0.0	140.1
G88.0	104.9	221.2	315.9	300.0	293.0	281.9	329.4	357.7	0.0	199.1
G89.0	117.8	239.6	312.2	246.9	315.0	343.7	312.9	377.8	0.0	162.2
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Candlepower Table (Continue 3)

Unit: cd

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

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

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

Candlepower Table (Continue 4)

Unit: cd

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

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

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

Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	63423.2	63423.2	63423.2	63423.2	63423.2	63423.2	63423.2			
G1.0	63523.6	63472.6	63412.2	63372.3	63340.9	63269.9	63270.5			
G2.0	63487.1	63392.1	63335.3	63283.2	63181.6	63094.7	63101.2			
G3.0	63383.0	63300.6	63179.6	63043.1	62940.1	62789.9	62817.8			
G4.0	63198.6	63088.5	62959.9	62786.6	62608.8	62474.2	62438.8			
G5.0	62922.9	62795.8	62591.7	62422.9	62279.4	62019.8	62043.1			
G6.0	62588.8	62440.9	62216.3	61970.0	61796.3	61517.9	61507.7			
G7.0	62148.8	61926.9	61734.6	61466.2	61159.5	60946.7	60974.0			
G8.0	61610.2	61405.6	61194.3	60778.7	60531.8	60315.2	60399.9			
G9.0	61064.3	60801.9	60549.7	60058.4	59829.0	59545.0	59759.5			
G10.0	60407.1	60132.4	59818.9	59318.2	59029.3	58804.1	59093.4			
G11.0	59709.6	59382.4	58928.8	58497.9	58204.0	57979.2	58320.6			
G12.0	58937.3	58561.1	58075.4	57599.4	57298.1	57086.7	57505.4			
G13.0	58126.7	57589.8	57179.8	56653.7	56253.2	56103.0	56668.2			
G14.0	57148.1	56647.7	56253.1	55596.9	55257.6	55130.3	55799.6			
G15.0	56142.1	55649.0	55256.8	54680.3	54262.1	54124.7	54840.9			
G16.0	55081.3	54602.6	54245.8	53488.9	53187.9	53068.0	53828.9			
G17.0	53936.6	53444.7	52967.5	52328.6	52069.7	51927.4	52807.6			
G18.0	52687.7	52105.7	51740.4	51124.5	50854.6	50691.8	51628.1			
G19.0	51365.9	50819.8	50495.0	49873.2	49507.7	49279.3	50422.8			
G20.0	49762.9	49400.3	49093.9	48400.0	48177.3	47877.7	48983.8			
G21.0	48194.6	47902.2	47634.3	46950.4	46713.2	46364.7	47583.5			
G22.0	46553.2	46314.4	46099.5	45382.6	45168.7	44822.6	46111.4			
G23.0	44762.1	44576.6	44277.2	43769.3	43508.9	43145.4	44517.9			
G24.0	42925.4	42595.5	42513.5	42041.4	41783.1	41424.4	42854.4			
G25.0	40999.2	40744.4	40727.9	40248.1	39817.7	39497.2	41054.8			
G26.0	38890.5	38851.1	38839.6	38245.6	37996.8	37734.2	39073.0			
G27.0	36918.7	36851.8	36731.6	36306.8	36133.9	35841.6	37225.5			
G28.0	34930.4	34936.6	34812.3	34449.8	34254.4	34031.2	35390.9			
G29.0	32978.7	32836.6	32903.9	32589.2	32442.7	32069.3	33591.3			
G30.0	31063.5	31049.4	31054.1	30770.4	30539.5	30300.9	31918.6			
G31.0	29031.4	29379.3	29306.9	28884.3	28945.5	28576.2	30120.8			
G32.0	27280.5	27866.6	27493.8	27258.3	27443.1	26915.4	28545.7			
G33.0	25578.9	26436.1	25874.8	25694.1	26046.8	25300.3	27075.4			
G34.0	23970.4	25022.1	24349.2	24204.5	24751.1	23617.6	25614.4			
G35.0	22387.5	23809.3	22915.1	22820.4	23444.5	22139.4	24261.9			
G36.0	20755.2	22667.9	21499.4	21374.5	22304.4	20719.5	22878.1			

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

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

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	19402.3	21658.1	20202.8	20105.0	21286.9	19463.9	21696.8			
G38.0	18142.6	20566.1	18878.6	18951.8	20289.5	18093.3	20498.9			
G39.0	16904.7	19620.4	17728.5	17806.0	19306.8	16967.2	19372.7			
G40.0	15818.4	18725.9	16600.3	16718.4	18322.2	15881.4	18380.9			
G41.0	14649.9	17868.0	15580.2	15741.7	17425.5	14875.8	17356.0			
G42.0	13664.0	17035.7	14648.0	14706.8	16605.7	13939.5	16393.6			
G43.0	12721.9	16256.4	13670.0	13879.2	15805.9	13076.3	15515.8			
G44.0	11942.3	15420.4	12827.5	13062.6	14982.4	12156.5	14693.3			
G45.0	11049.5	14665.0	12027.1	12213.2	14263.2	11428.3	13791.7			
G46.0	10321.0	13913.2	11239.6	11460.2	13522.1	10670.9	12991.2			
G47.0	9649.1	13190.6	10505.2	10829.1	12777.2	10032.2	12257.0			
G48.0	9008.3	12446.1	9836.7	10136.1	12100.1	9389.7	11522.8			
G49.0	8520.8	11710.8	9283.6	9579.6	11443.2	8796.6	10842.0			
G50.0	7951.2	11092.5	8728.7	9013.9	10795.3	8292.9	10212.6			
G51.0	7467.4	10487.0	8269.0	8515.6	10233.5	7825.7	9605.4			
G52.0	7021.9	9857.7	7681.1	8013.6	9635.1	7402.3	9049.7			
G53.0	6594.6	9219.3	7291.0	7575.3	9106.2	6922.3	8593.3			
G54.0	6200.3	8696.2	6864.3	7127.9	8538.9	6535.4	8030.3			
G55.0	5782.2	8162.0	6428.4	6715.0	8090.5	6168.6	7583.1			
G56.0	5437.1	7653.5	6051.1	6338.5	7614.7	5781.7	7128.6			
G57.0	5108.5	7130.4	5694.0	5989.3	7179.2	5444.0	6679.6			
G58.0	4809.0	6695.0	5369.8	5651.0	6708.9	5144.7	6258.2			
G59.0	4485.9	6288.9	5049.3	5334.5	6288.0	4880.1	5912.3			
G60.0	4186.5	5851.7	4730.6	4963.5	5889.0	4566.2	5498.3			
G61.0	3938.2	5489.5	4463.2	4681.6	5502.9	4288.8	5157.8			
G62.0	3720.9	5059.7	4188.5	4412.4	5147.9	4040.6	4793.5			
G63.0	3454.3	4684.7	3917.5	4090.5	4728.8	3807.0	4445.7			
G64.0	3193.3	4340.8	3655.6	3839.5	4406.7	3577.0	4142.1			
G65.0	3050.8	4049.9	3397.3	3608.5	4119.4	3376.3	3838.5			
G66.0	2844.5	3762.7	3177.6	3388.4	3839.4	3119.0	3549.6			
G67.0	2596.2	3429.8	3001.8	3122.9	3559.4	2938.3	3284.6			
G68.0	2417.3	3179.2	2789.3	2924.6	3237.3	2744.8	2973.6			
G69.0	2280.4	2917.6	2571.4	2704.6	3012.2	2571.5	2769.4			
G70.0	2110.6	2668.9	2457.8	2537.2	2743.2	2387.1	2565.1			
G71.0	1991.9	2475.0	2256.4	2355.3	2545.6	2233.8	2364.5			
G72.0	1756.4	2293.9	2111.7	2189.8	2364.4	2075.1	2171.3			
G73.0	1604.8	2125.6	1884.6	1993.4	2128.3	1991.1	2007.6			

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

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

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	1504.4	1880.5	1756.4	1831.5	1949.0	1790.3	1796.0			
G75.0	1358.4	1682.9	1644.6	1684.2	1802.6	1708.2	1650.6			
G76.0	1250.6	1520.1	1538.4	1540.5	1617.7	1591.4	1490.5			
G77.0	1132.0	1370.1	1443.2	1391.4	1427.4	1514.8	1376.4			
G78.0	1006.0	1240.2	1318.6	1300.4	1314.0	1390.7	1289.9			
G79.0	949.4	1024.4	1179.5	1173.1	1169.4	1293.9	1137.2			
G80.0	788.7	905.5	1067.7	1036.7	1030.3	1147.9	960.5			
G81.0	670.1	799.4	818.7	885.7	953.4	1001.9	807.8			
G82.0	604.3	651.2	701.4	796.6	774.1	855.9	697.4			
G83.0	438.2	589.0	628.2	662.0	711.9	797.5	530.0			
G84.0	441.8	384.1	531.1	582.0	607.6	622.3	397.5			
G85.0	343.2	358.5	388.3	483.8	501.4	534.7	303.6			
G86.0	231.9	294.5	368.1	301.9	459.3	396.0	150.9			
G87.0	264.7	345.7	318.7	356.5	333.1	357.7	125.1			
G88.0	252.0	332.9	318.7	323.7	358.7	344.9	104.9			
G89.0	111.4	309.1	331.5	305.6	349.5	281.1	117.8			
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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

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

Candlepower Table (Continue 8)

Unit: cd

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

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

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

Candlepower Table (Continue 9)

Unit: cd

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

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

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