

Report No.:

Test Time: 2022/11/14 10:56

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.265 A

Power Factor: 0.974

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 71.64 W

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 8995.5 lm

Efficiency: 100%

Upward Ratio: 10%

C0r0 Intensity: 1104.81 cd

Pos of Max. Intensity: H225 V38

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 185.1, 183.6, 178.6, 178.4

Longitudinal Classification: Very Short

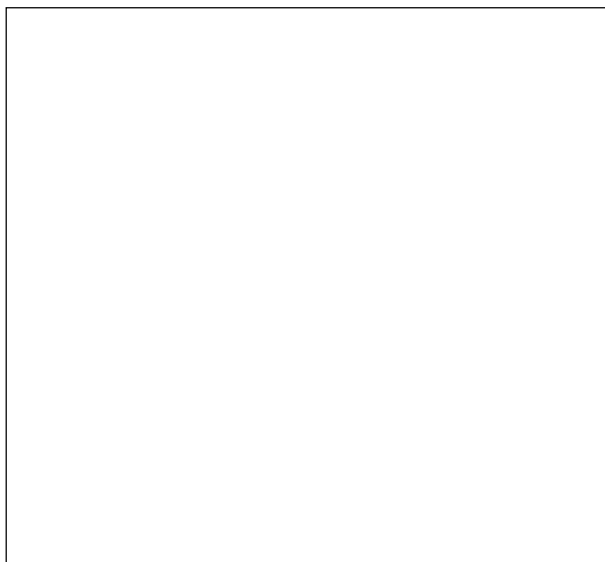
Measurement Flux: 8995.5 lm

Downward Ratio: 90%

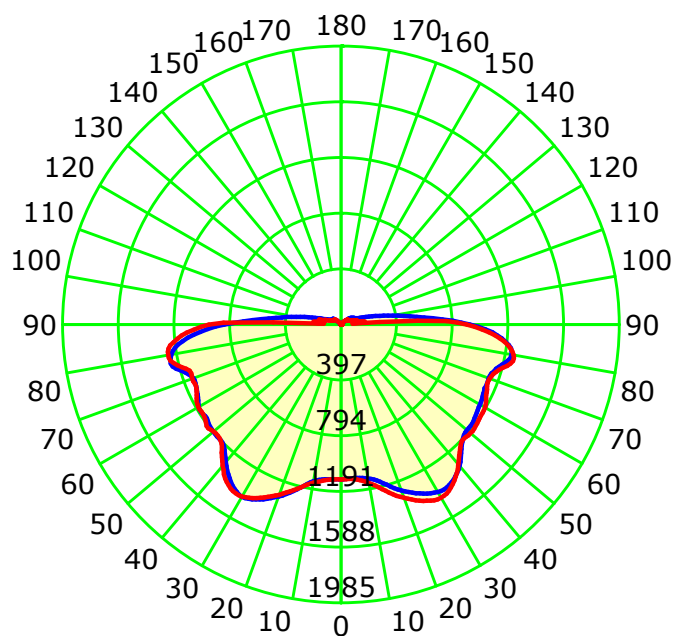
Luminaire Efficacy Rating (LER): 125.62

Max. Intensity: 1588.71 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 184.3°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.4 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

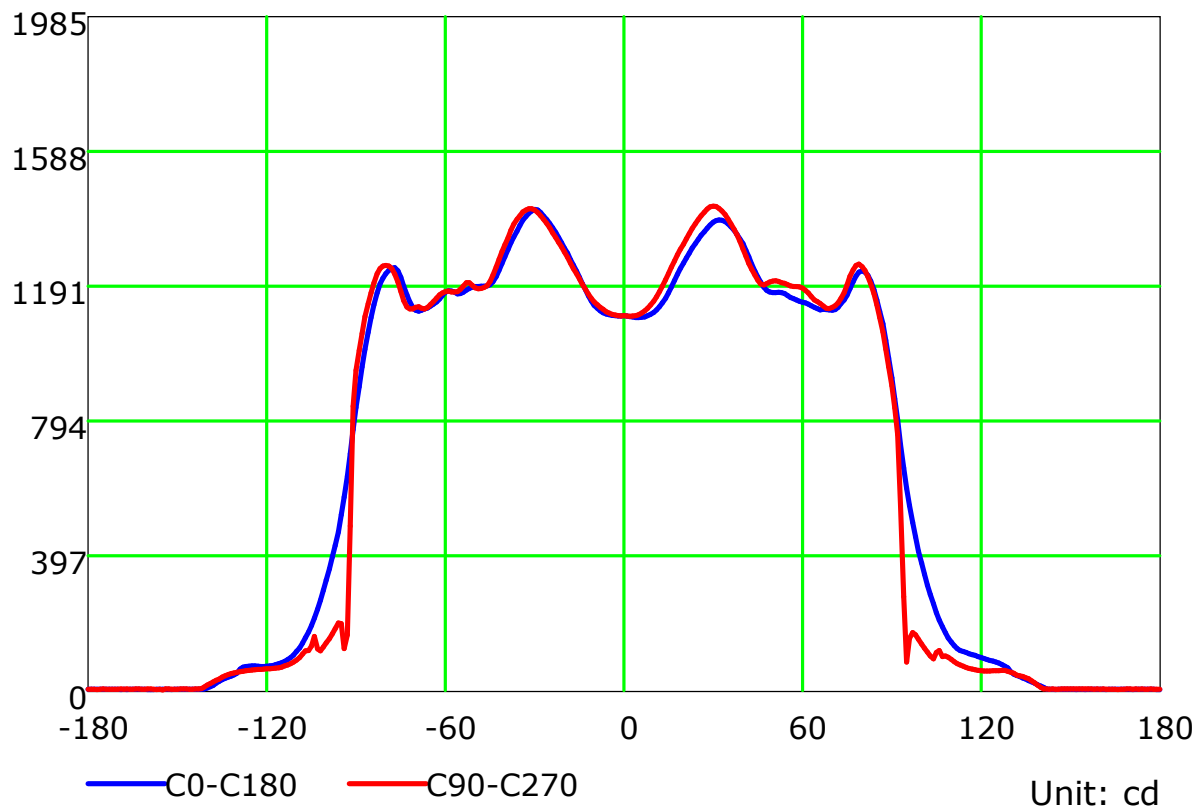
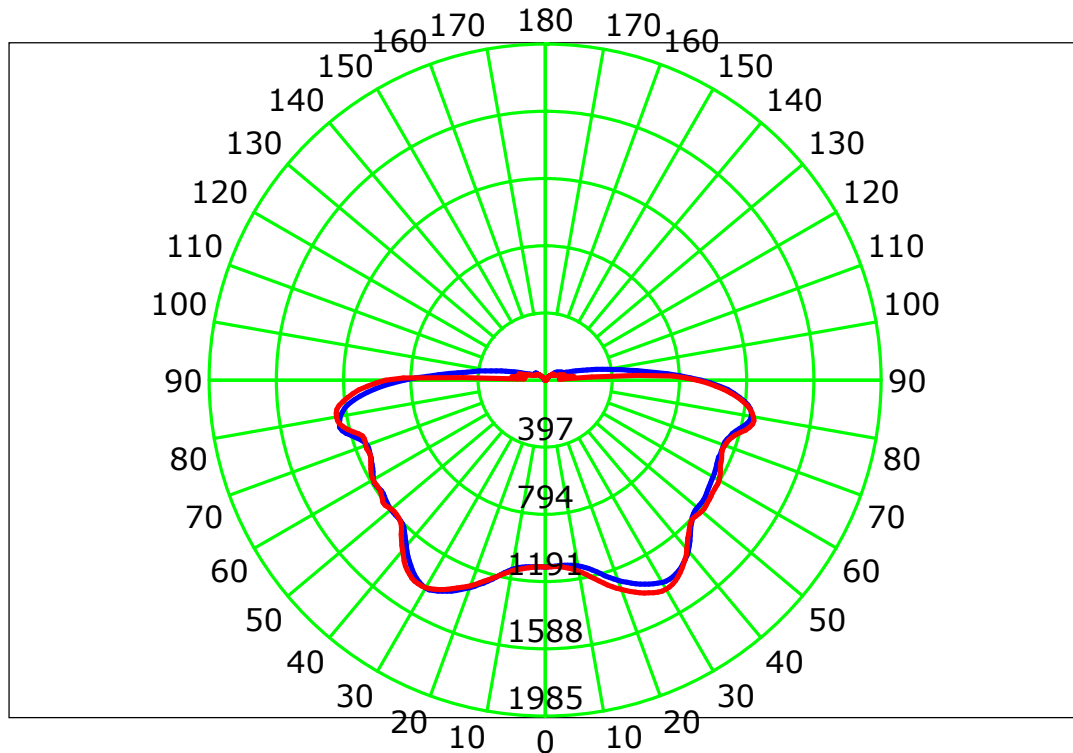
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

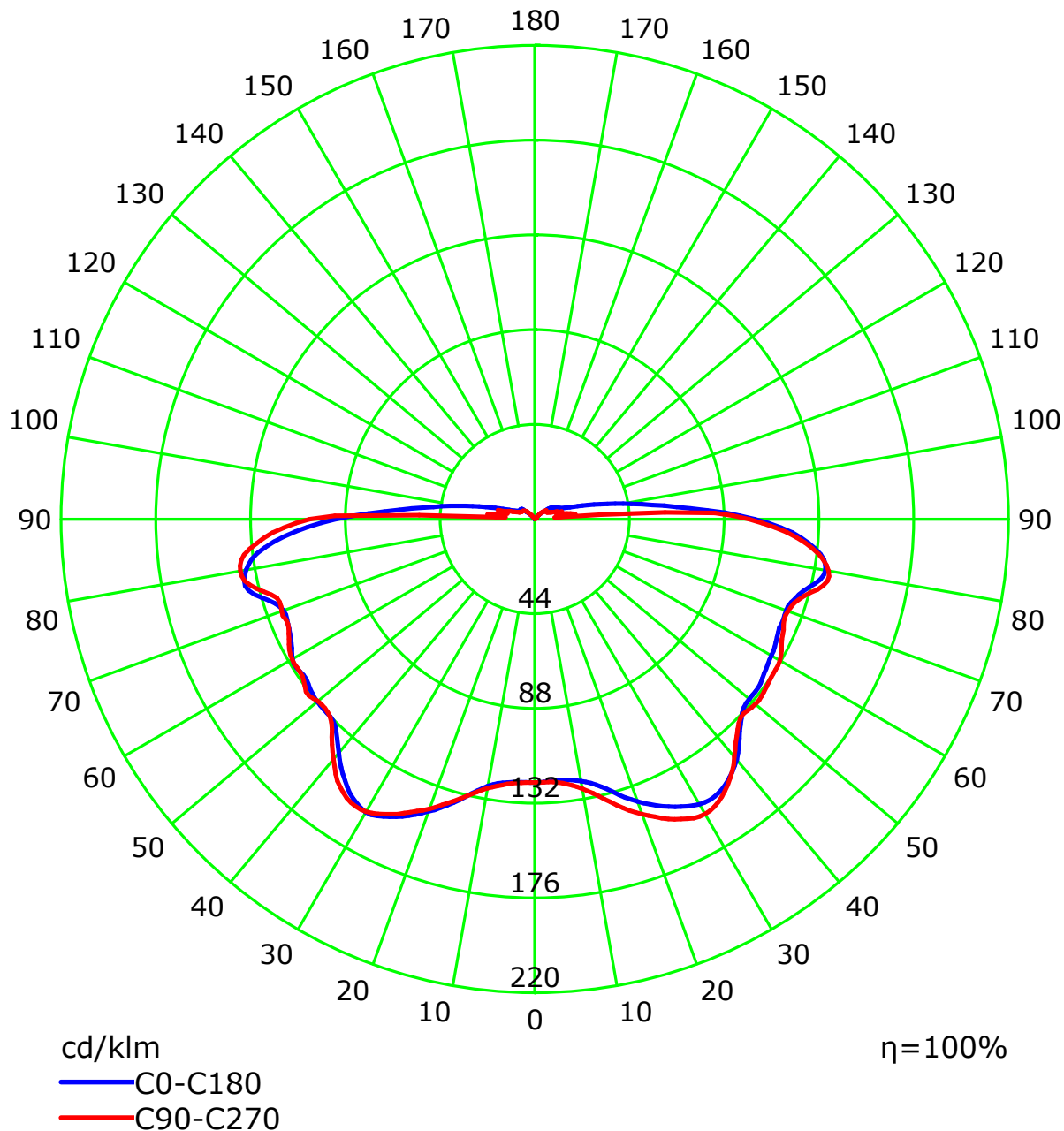
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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

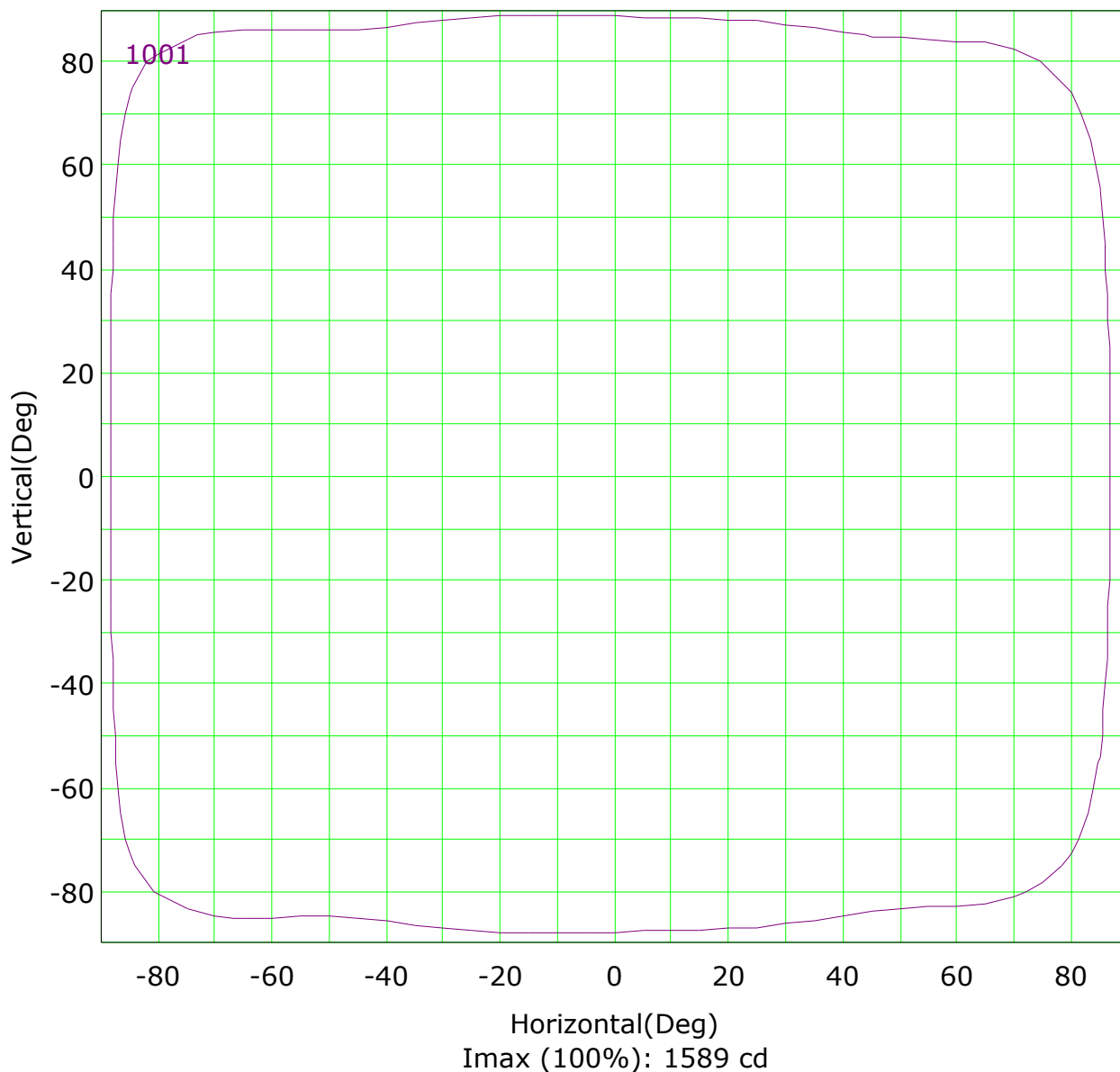
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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

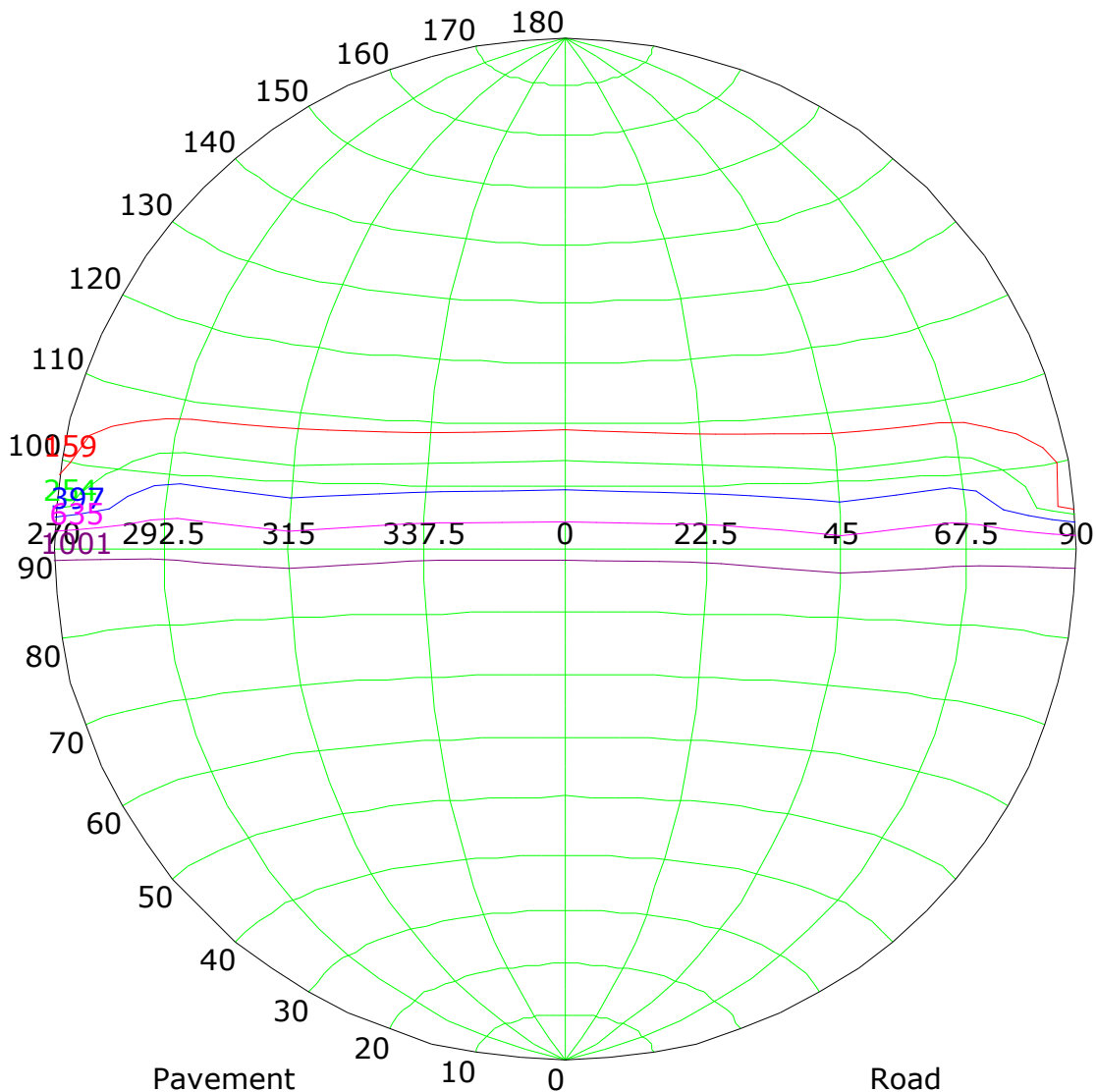
Isocandela (rectangle)



(10%): 159 cd
(25%): 397 cd
(63%): 1001 cd

(16%): 254 cd
(40%): 635 cd
(100%): 1589 cd

Isocandela (sphere)



Imax (100%): 1589 cd

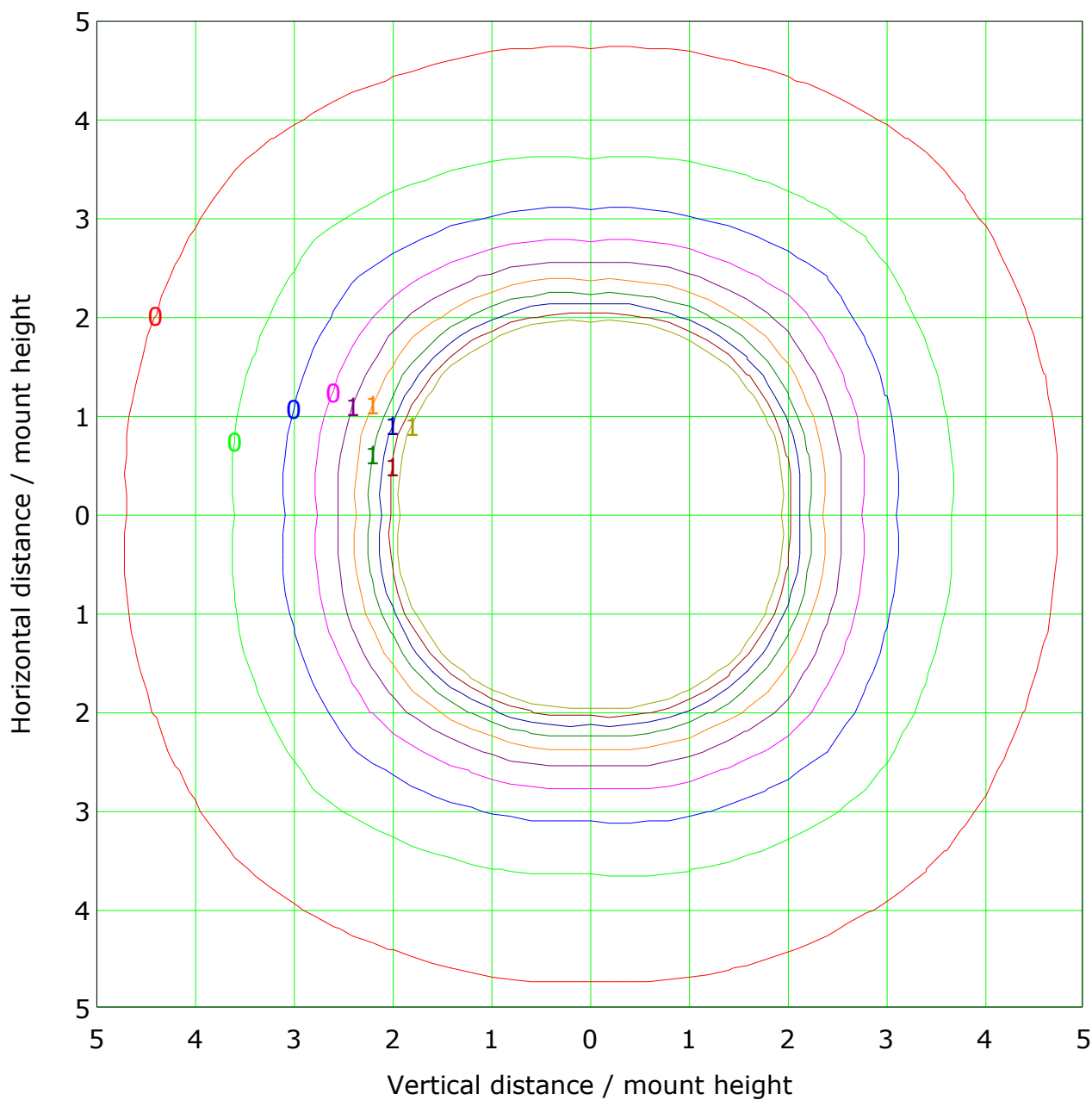
(10%): 159 cd
(25%): 397 cd
(63%): 1001 cd

(16%): 254 cd
(40%): 635 cd
(100%): 1589 cd

CIE: broad - short
CIE: Non-cut-off luminaire
Max.At90: 104.957 cd/klm

IES: Non-cut-off
Max.At80: 161.167 cd/klm
Max.80-90: 161.167 cd/klm

IsoLux Plot



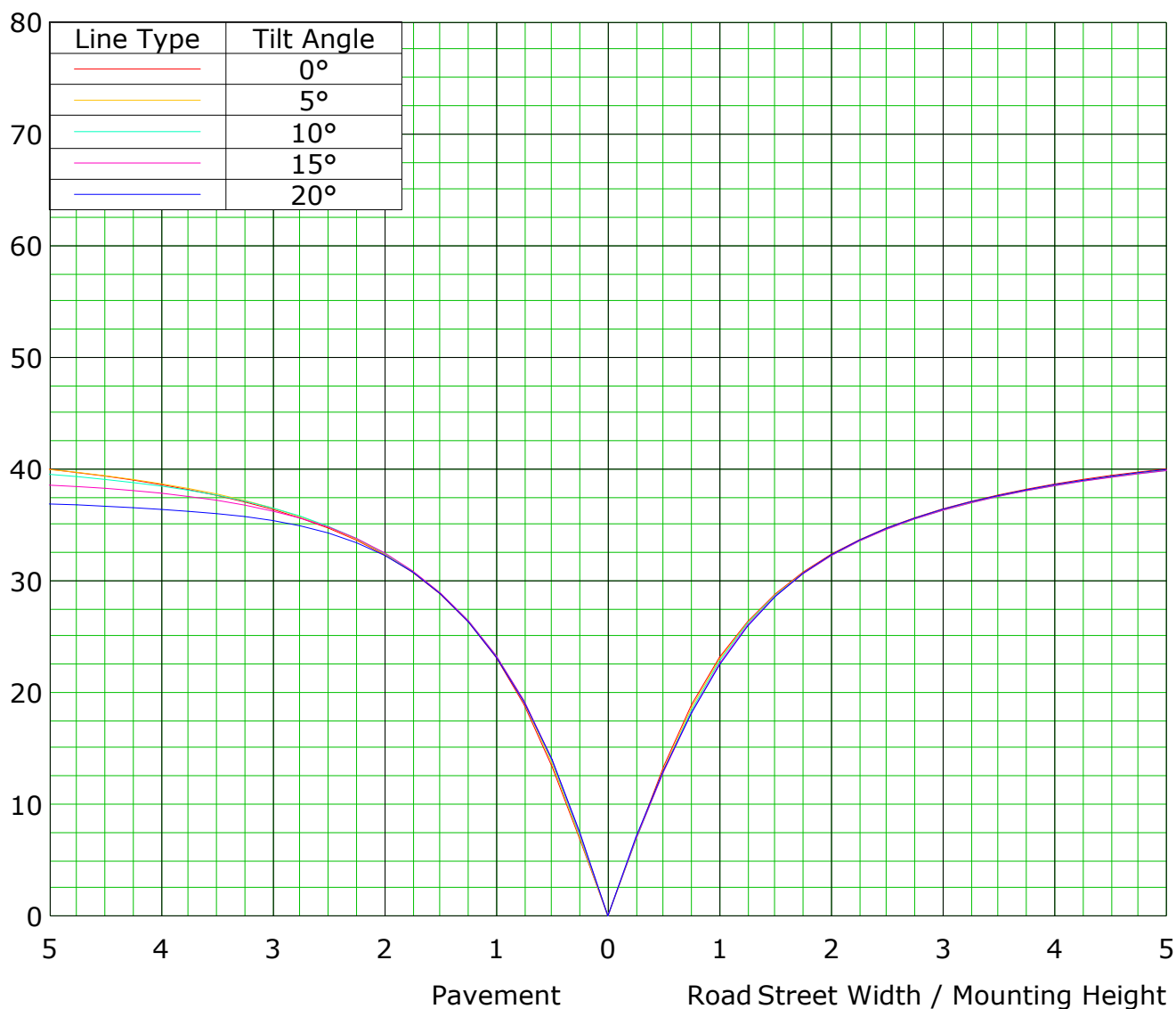
Mounting Height: 10.0m		Max Lux(100%): 11.1 lx	
(1%):	0.1 lx	(2%):	0.2 lx
(3%):	0.3 lx	(4%):	0.4 lx
(5%):	0.6 lx	(6%):	0.7 lx
(7%):	0.8 lx	(8%):	0.9 lx
(9%):	1.0 lx	(10%):	1.1 lx

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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

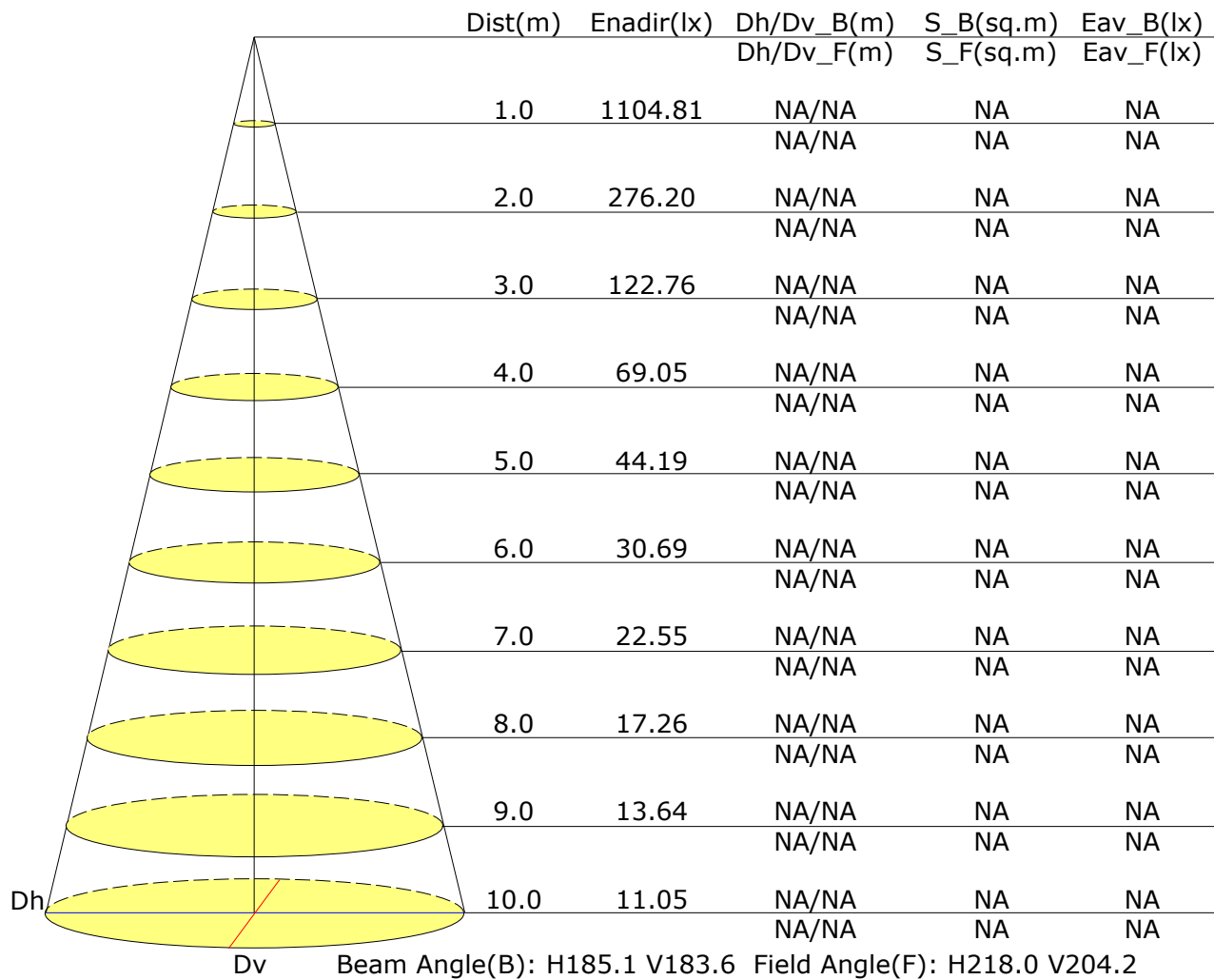
Efficiency(%)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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

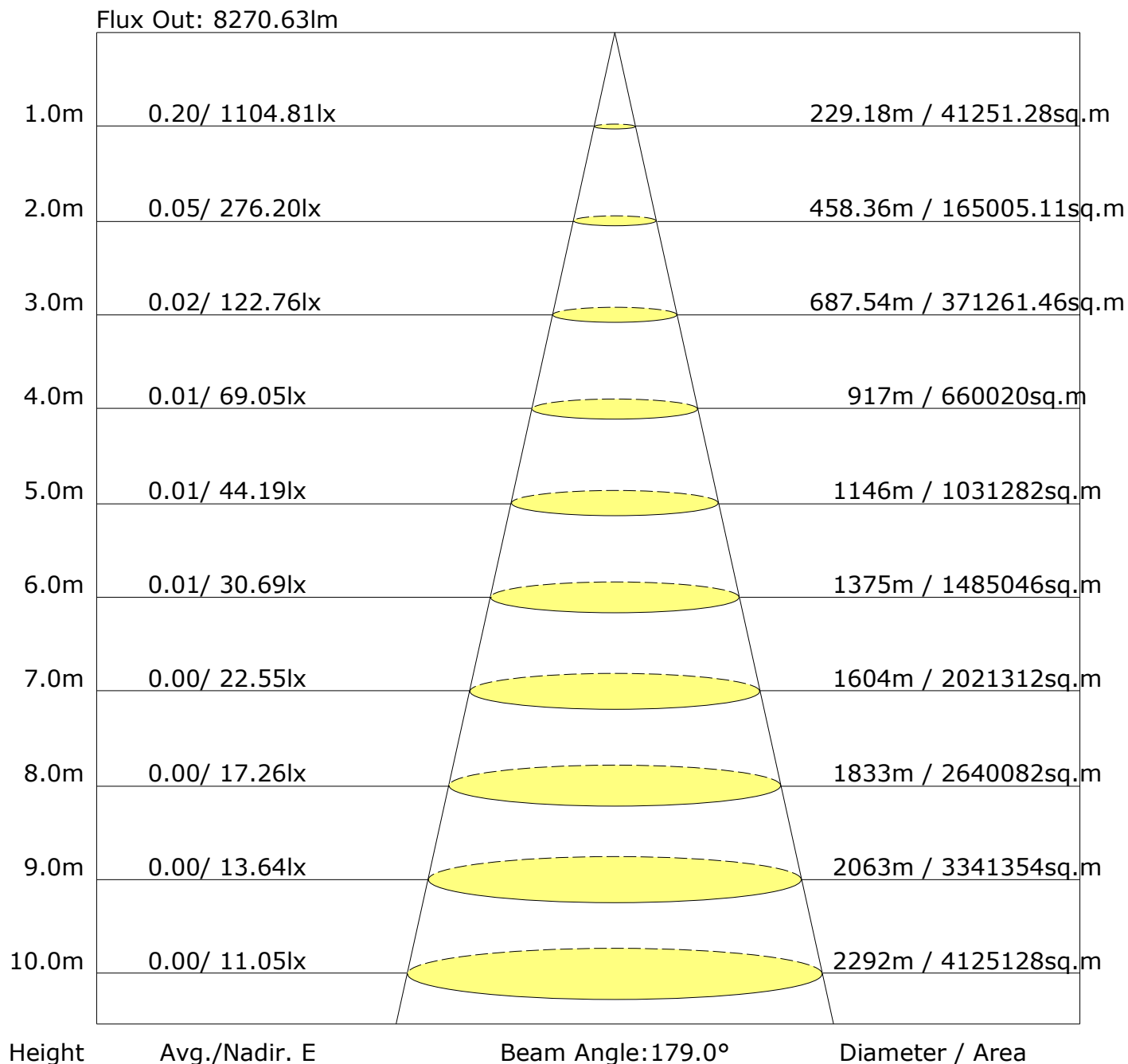
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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: 25.4 '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	4024	44.7
	FL (0°-30°)	543	6.0
	FM (30°-60°)	1562	17.4
	FH (60°-80°)	1315	14.6
	FVH (80°-90°)	603	6.7
	BACK LIGHT	4038	44.9
	BL (0°-30°)	542	6.0
	BM (30°-60°)	1564	17.4
	BH (60°-80°)	1310	14.6
	BVH (80°-90°)	622	6.9
	UP LIGHT	934	10.4
	UL (90°-100°)	566	6.3
	UH (100°-180°)	368	4.1
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U5 G4

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	1104.5	1.1	1.1	0.01	0.01
1.0-2.0	1104.0	3.2	4.2	0.04	0.05
2.0-3.0	1103.7	5.3	9.5	0.06	0.11
3.0-4.0	1104.0	7.4	16.9	0.08	0.19
4.0-5.0	1104.8	9.5	26.4	0.11	0.29
5.0-6.0	1106.4	11.6	38.0	0.13	0.42
6.0-7.0	1109.4	13.8	51.8	0.15	0.58
7.0-8.0	1113.6	15.9	67.7	0.18	0.75
8.0-9.0	1118.9	18.1	85.9	0.20	0.95
9.0-10.0	1125.5	20.4	106.2	0.23	1.18
10.0-11.0	1134.0	22.7	128.9	0.25	1.43
11.0-12.0	1144.3	25.0	153.9	0.28	1.71
12.0-13.0	1156.4	27.4	181.4	0.31	2.02
13.0-14.0	1170.2	30.0	211.3	0.33	2.35
14.0-15.0	1185.5	32.6	243.9	0.36	2.71
15.0-16.0	1202.3	35.2	279.1	0.39	3.10
16.0-17.0	1220.1	38.0	317.1	0.42	3.53
17.0-18.0	1238.2	40.8	357.9	0.45	3.98
18.0-19.0	1256.5	43.7	401.7	0.49	4.47
19.0-20.0	1275.1	46.7	448.3	0.52	4.98
20.0-21.0	1293.5	49.7	498.0	0.55	5.54
21.0-22.0	1311.5	52.7	550.7	0.59	6.12
22.0-23.0	1329.3	55.8	606.5	0.62	6.74
23.0-24.0	1346.6	58.9	665.4	0.65	7.40
24.0-25.0	1363.5	62.0	727.4	0.69	8.09
25.0-26.0	1380.1	65.2	792.6	0.72	8.81
26.0-27.0	1396.1	68.3	860.9	0.76	9.57
27.0-28.0	1411.2	71.5	932.3	0.79	10.36
28.0-29.0	1425.4	74.6	1006.9	0.83	11.19
29.0-30.0	1438.2	77.7	1084.6	0.86	12.06
30.0-31.0	1449.1	80.7	1165.2	0.90	12.95
31.0-32.0	1457.7	83.5	1248.8	0.93	13.88
32.0-33.0	1463.6	86.2	1335.0	0.96	14.84
33.0-34.0	1466.6	88.8	1423.8	0.99	15.83
34.0-35.0	1466.8	91.1	1514.9	1.01	16.84
35.0-36.0	1465.1	93.3	1608.2	1.04	17.88

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	1461.7	95.3	1703.5	1.06	18.94
37.0-38.0	1456.2	97.2	1800.7	1.08	20.02
38.0-39.0	1448.7	98.9	1899.6	1.10	21.12
39.0-40.0	1439.2	100.4	2000.0	1.12	22.23
40.0-41.0	1427.9	101.7	2101.7	1.13	23.36
41.0-42.0	1414.9	102.8	2204.5	1.14	24.51
42.0-43.0	1400.4	103.8	2308.3	1.15	25.66
43.0-44.0	1385.3	104.6	2412.8	1.16	26.82
44.0-45.0	1370.1	105.3	2518.2	1.17	27.99
45.0-46.0	1355.8	106.0	2624.2	1.18	29.17
46.0-47.0	1342.7	106.8	2731.0	1.19	30.36
47.0-48.0	1331.7	107.7	2838.7	1.20	31.56
48.0-49.0	1323.1	108.7	2947.4	1.21	32.76
49.0-50.0	1316.0	109.7	3057.1	1.22	33.98
50.0-51.0	1310.0	110.8	3167.9	1.23	35.22
51.0-52.0	1305.1	112.0	3279.9	1.25	36.46
52.0-53.0	1300.2	113.1	3393.1	1.26	37.72
53.0-54.0	1294.4	114.1	3507.2	1.27	38.99
54.0-55.0	1288.0	115.0	3622.1	1.28	40.27
55.0-56.0	1281.7	115.8	3738.0	1.29	41.55
56.0-57.0	1276.8	116.8	3854.7	1.30	42.85
57.0-58.0	1273.2	117.8	3972.5	1.31	44.16
58.0-59.0	1270.4	118.8	4091.3	1.32	45.48
59.0-60.0	1268.1	119.8	4211.1	1.33	46.81
60.0-61.0	1265.0	120.7	4331.8	1.34	48.16
61.0-62.0	1260.4	121.5	4453.3	1.35	49.51
62.0-63.0	1254.7	122.0	4575.4	1.36	50.86
63.0-64.0	1248.7	122.5	4697.9	1.36	52.22
64.0-65.0	1243.6	123.1	4821.0	1.37	53.59
65.0-66.0	1239.9	123.7	4944.7	1.38	54.97
66.0-67.0	1238.0	124.5	5069.2	1.38	56.35
67.0-68.0	1238.0	125.4	5194.6	1.39	57.75
68.0-69.0	1240.2	126.5	5321.2	1.41	59.15
69.0-70.0	1244.6	127.8	5449.0	1.42	60.57
70.0-71.0	1251.7	129.4	5578.4	1.44	62.01
71.0-72.0	1262.6	131.3	5709.7	1.46	63.47

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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	1277.5	133.6	5843.3	1.49	64.96
73.0-74.0	1295.1	136.2	5979.5	1.51	66.47
74.0-75.0	1313.5	138.8	6118.3	1.54	68.01
75.0-76.0	1330.6	141.3	6259.6	1.57	69.59
76.0-77.0	1343.2	143.2	6402.8	1.59	71.18
77.0-78.0	1348.7	144.4	6547.2	1.61	72.78
78.0-79.0	1346.2	144.7	6691.8	1.61	74.39
79.0-80.0	1335.1	144.0	6835.8	1.60	75.99
80.0-81.0	1315.5	142.3	6978.1	1.58	77.57
81.0-82.0	1287.9	139.7	7117.8	1.55	79.13
82.0-83.0	1253.4	136.3	7254.0	1.51	80.64
83.0-84.0	1212.4	132.1	7386.1	1.47	82.11
84.0-85.0	1166.1	127.3	7513.4	1.42	83.52
85.0-86.0	1115.3	121.9	7635.3	1.36	84.88
86.0-87.0	1061.0	116.1	7751.5	1.29	86.17
87.0-88.0	1003.9	110.0	7861.5	1.22	87.39
88.0-89.0	943.9	103.5	7964.9	1.15	88.54
89.0-90.0	880.3	96.5	8061.5	1.07	89.62
90.0-91.0	812.4	89.1	8150.5	0.99	90.61
91.0-92.0	735.6	80.6	8231.2	0.90	91.50
92.0-93.0	649.2	71.1	8302.3	0.79	92.29
93.0-94.0	568.3	62.2	8364.5	0.69	92.99
94.0-95.0	504.6	55.2	8419.7	0.61	93.60
95.0-96.0	457.7	50.0	8469.6	0.56	94.15
96.0-97.0	418.1	45.6	8515.2	0.51	94.66
97.0-98.0	379.6	41.3	8556.5	0.46	95.12
98.0-99.0	343.5	37.3	8593.7	0.41	95.53
99.0-100.0	309.9	33.5	8627.2	0.37	95.91
100.0-101.0	280.0	30.2	8657.4	0.34	96.24
101.0-102.0	253.6	27.3	8684.7	0.30	96.54
102.0-103.0	230.1	24.6	8709.3	0.27	96.82
103.0-104.0	210.2	22.4	8731.7	0.25	97.07
104.0-105.0	192.3	20.4	8752.1	0.23	97.29
105.0-106.0	175.1	18.5	8770.6	0.21	97.50
106.0-107.0	159.5	16.8	8787.4	0.19	97.69
107.0-108.0	146.0	15.3	8802.7	0.17	97.86

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	134.0	13.9	8816.6	0.15	98.01
109.0-110.0	123.1	12.7	8829.3	0.14	98.15
110.0-111.0	113.8	11.7	8841.0	0.13	98.28
111.0-112.0	105.9	10.8	8851.8	0.12	98.40
112.0-113.0	99.2	10.1	8861.9	0.11	98.51
113.0-114.0	93.4	9.4	8871.3	0.10	98.62
114.0-115.0	88.2	8.8	8880.1	0.10	98.72
115.0-116.0	83.8	8.3	8888.4	0.09	98.81
116.0-117.0	79.7	7.8	8896.2	0.09	98.90
117.0-118.0	76.2	7.4	8903.6	0.08	98.98
118.0-119.0	73.1	7.0	8910.7	0.08	99.06
119.0-120.0	70.3	6.7	8917.4	0.07	99.13
120.0-121.0	67.9	6.4	8923.8	0.07	99.20
121.0-122.0	65.9	6.2	8930.0	0.07	99.27
122.0-123.0	64.1	5.9	8935.9	0.07	99.34
123.0-124.0	62.2	5.7	8941.6	0.06	99.40
124.0-125.0	60.2	5.4	8947.0	0.06	99.46
125.0-126.0	58.2	5.2	8952.2	0.06	99.52
126.0-127.0	56.1	4.9	8957.2	0.05	99.57
127.0-128.0	53.5	4.7	8961.8	0.05	99.62
128.0-129.0	50.2	4.3	8966.1	0.05	99.67
129.0-130.0	45.6	3.9	8970.0	0.04	99.72
130.0-131.0	40.4	3.4	8973.3	0.04	99.75
131.0-132.0	36.2	3.0	8976.3	0.03	99.79
132.0-133.0	32.9	2.7	8979.0	0.03	99.82
133.0-134.0	29.7	2.4	8981.3	0.03	99.84
134.0-135.0	26.2	2.0	8983.4	0.02	99.86
135.0-136.0	22.3	1.7	8985.1	0.02	99.88
136.0-137.0	18.1	1.4	8986.5	0.02	99.90
137.0-138.0	14.0	1.0	8987.5	0.01	99.91
138.0-139.0	10.4	0.8	8988.3	0.01	99.92
139.0-140.0	7.7	0.5	8988.8	0.01	99.93
140.0-141.0	6.1	0.4	8989.2	0.00	99.93
141.0-142.0	5.1	0.3	8989.6	0.00	99.93
142.0-143.0	4.5	0.3	8989.9	0.00	99.94
143.0-144.0	4.4	0.3	8990.2	0.00	99.94

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	4.4	0.3	8990.4	0.00	99.94
145.0-146.0	4.4	0.3	8990.7	0.00	99.95
146.0-147.0	4.4	0.3	8991.0	0.00	99.95
147.0-148.0	4.5	0.3	8991.2	0.00	99.95
148.0-149.0	4.6	0.3	8991.5	0.00	99.96
149.0-150.0	4.6	0.3	8991.8	0.00	99.96
150.0-151.0	4.5	0.2	8992.0	0.00	99.96
151.0-152.0	4.5	0.2	8992.2	0.00	99.96
152.0-153.0	4.5	0.2	8992.5	0.00	99.97
153.0-154.0	4.6	0.2	8992.7	0.00	99.97
154.0-155.0	4.5	0.2	8992.9	0.00	99.97
155.0-156.0	4.4	0.2	8993.1	0.00	99.97
156.0-157.0	4.5	0.2	8993.3	0.00	99.98
157.0-158.0	4.4	0.2	8993.5	0.00	99.98
158.0-159.0	4.4	0.2	8993.7	0.00	99.98
159.0-160.0	4.4	0.2	8993.8	0.00	99.98
160.0-161.0	4.4	0.2	8994.0	0.00	99.98
161.0-162.0	4.4	0.2	8994.2	0.00	99.98
162.0-163.0	4.5	0.1	8994.3	0.00	99.99
163.0-164.0	4.6	0.1	8994.4	0.00	99.99
164.0-165.0	4.6	0.1	8994.6	0.00	99.99
165.0-166.0	4.4	0.1	8994.7	0.00	99.99
166.0-167.0	4.4	0.1	8994.8	0.00	99.99
167.0-168.0	4.6	0.1	8994.9	0.00	99.99
168.0-169.0	4.7	0.1	8995.0	0.00	99.99
169.0-170.0	4.7	0.1	8995.1	0.00	100.00
170.0-171.0	4.6	0.1	8995.2	0.00	100.00
171.0-172.0	4.6	0.1	8995.3	0.00	100.00
172.0-173.0	4.6	0.1	8995.3	0.00	100.00
173.0-174.0	4.5	0.1	8995.4	0.00	100.00
174.0-175.0	4.6	0.0	8995.4	0.00	100.00
175.0-176.0	4.4	0.0	8995.5	0.00	100.00
176.0-177.0	4.2	0.0	8995.5	0.00	100.00
177.0-178.0	4.2	0.0	8995.5	0.00	100.00
178.0-179.0	4.3	0.0	8995.5	0.00	100.00
179.0-180.0	4.2	0.0	8995.5	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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°): 2518.16 lm

%lum = 28.0%

%lamp = 28.0%

cone flux(120°): 4211.10 lm

%lum = 46.8%

%lamp = 46.8%

Candlepower Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	1104.8	1104.8	1104.8	1104.8	1104.8	1104.8	1104.8	1104.8	1104.8	1104.8
G1.0	1104.0	1103.9	1103.1	1103.8	1104.1	1103.3	1103.7	1104.3	1104.7	1104.2
G2.0	1102.3	1102.1	1101.1	1102.2	1103.4	1102.6	1103.1	1103.9	1104.1	1104.1
G3.0	1101.5	1100.2	1100.1	1102.3	1103.9	1102.5	1102.8	1103.1	1104.8	1104.5
G4.0	1100.0	1098.4	1098.7	1103.2	1104.8	1103.0	1102.8	1103.1	1105.8	1106.4
G5.0	1100.0	1097.1	1098.1	1104.7	1108.0	1105.2	1103.3	1104.0	1107.9	1107.1
G6.0	1100.1	1096.1	1098.0	1107.6	1112.7	1109.8	1106.0	1104.6	1110.0	1110.1
G7.0	1101.6	1097.5	1101.2	1112.2	1119.4	1114.9	1108.9	1107.0	1114.1	1112.9
G8.0	1104.8	1098.9	1104.7	1117.5	1126.7	1121.4	1112.9	1110.2	1119.1	1118.1
G9.0	1109.4	1103.2	1108.9	1124.8	1136.4	1130.0	1119.0	1114.8	1126.5	1123.8
G10.0	1114.9	1108.2	1114.7	1133.1	1147.4	1138.3	1125.3	1121.5	1135.7	1132.3
G11.0	1122.4	1115.9	1122.8	1143.4	1161.3	1149.6	1133.7	1130.6	1148.6	1142.7
G12.0	1131.6	1125.5	1131.5	1154.4	1175.6	1163.3	1143.1	1141.7	1163.9	1158.1
G13.0	1142.9	1135.4	1142.6	1167.7	1192.2	1177.8	1155.7	1158.1	1181.4	1173.2
G14.0	1156.5	1149.0	1155.3	1183.3	1210.4	1194.1	1170.0	1171.4	1199.1	1190.0
G15.0	1172.1	1164.4	1169.2	1200.0	1228.4	1212.3	1184.8	1189.6	1218.0	1208.7
G16.0	1189.4	1181.1	1185.0	1219.3	1247.2	1230.6	1204.5	1208.3	1236.1	1227.2
G17.0	1209.2	1198.9	1202.1	1237.1	1266.9	1248.5	1224.6	1229.5	1254.1	1246.2
G18.0	1226.8	1217.8	1220.8	1254.6	1284.2	1266.8	1246.5	1248.3	1270.4	1265.2
G19.0	1243.5	1239.1	1241.7	1272.1	1300.6	1284.3	1270.3	1267.0	1289.4	1282.8
G20.0	1259.7	1258.0	1265.6	1288.5	1316.0	1303.3	1293.9	1285.0	1304.6	1299.4
G21.0	1275.2	1276.1	1288.5	1306.8	1331.4	1320.8	1317.3	1302.6	1320.1	1316.8
G22.0	1288.9	1294.4	1311.6	1322.9	1346.4	1338.4	1344.2	1320.0	1335.0	1332.6
G23.0	1304.1	1312.3	1334.1	1339.6	1362.1	1358.3	1366.3	1335.9	1350.7	1348.7
G24.0	1317.4	1329.5	1356.2	1354.9	1376.0	1372.2	1388.8	1352.4	1364.4	1367.5
G25.0	1329.4	1346.1	1378.9	1370.8	1388.1	1389.4	1412.1	1368.6	1376.8	1382.8
G26.0	1342.2	1362.3	1400.4	1384.9	1399.2	1406.2	1434.4	1385.5	1388.4	1397.7
G27.0	1352.8	1377.7	1421.3	1400.1	1410.1	1421.8	1455.4	1400.5	1399.1	1411.8
G28.0	1363.2	1392.7	1441.9	1413.1	1419.4	1436.8	1476.2	1415.7	1408.7	1425.8
G29.0	1372.4	1407.0	1462.6	1424.6	1425.9	1449.8	1496.3	1428.8	1416.6	1439.9
G30.0	1381.0	1422.5	1481.2	1434.8	1427.8	1462.3	1514.7	1440.4	1418.4	1451.1
G31.0	1385.7	1434.7	1498.9	1441.7	1426.7	1469.9	1532.1	1450.8	1414.1	1459.2
G32.0	1387.2	1444.7	1518.1	1446.3	1421.7	1474.2	1547.8	1455.2	1406.7	1463.7
G33.0	1386.5	1453.4	1533.7	1448.2	1413.5	1477.0	1561.2	1455.7	1397.6	1463.9
G34.0	1382.1	1458.9	1546.1	1447.6	1403.4	1476.6	1571.6	1453.5	1386.7	1460.6
G35.0	1375.7	1461.2	1556.6	1443.7	1390.2	1472.5	1578.7	1448.8	1371.0	1455.7
G36.0	1367.5	1462.2	1564.1	1440.0	1376.1	1468.6	1585.2	1444.9	1354.5	1449.9

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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	1356.8	1460.7	1569.0	1433.9	1360.1	1461.7	1587.5	1439.2	1337.7	1443.0
G38.0	1344.8	1459.1	1572.1	1425.3	1343.8	1452.0	1587.4	1432.7	1320.5	1434.8
G39.0	1331.5	1455.3	1573.6	1416.5	1325.4	1440.6	1584.4	1423.9	1300.6	1425.8
G40.0	1317.0	1447.6	1573.1	1403.8	1301.2	1428.6	1580.3	1413.9	1278.6	1416.2
G41.0	1297.9	1437.3	1569.5	1389.8	1280.4	1413.5	1575.1	1401.6	1259.1	1404.7
G42.0	1278.7	1426.1	1565.6	1370.4	1259.2	1394.1	1566.5	1387.0	1239.5	1390.3
G43.0	1257.3	1409.5	1559.9	1353.7	1242.4	1375.8	1556.3	1371.2	1220.4	1371.7
G44.0	1236.5	1392.4	1551.1	1337.2	1225.4	1359.2	1545.0	1354.0	1205.1	1354.8
G45.0	1219.4	1373.3	1540.0	1322.2	1209.6	1345.6	1529.9	1338.8	1197.1	1338.9
G46.0	1204.6	1356.9	1525.9	1308.5	1199.1	1334.8	1511.7	1326.9	1192.7	1325.8
G47.0	1189.3	1342.9	1506.4	1300.5	1196.1	1327.5	1489.7	1316.8	1191.6	1318.9
G48.0	1179.9	1332.3	1484.2	1296.4	1199.7	1323.4	1461.9	1312.9	1192.1	1318.7
G49.0	1175.0	1325.5	1459.8	1297.2	1204.3	1325.4	1436.8	1310.6	1191.1	1319.8
G50.0	1173.5	1321.2	1432.0	1301.9	1206.7	1329.9	1414.1	1310.3	1191.3	1322.1
G51.0	1173.5	1319.0	1409.7	1306.7	1208.3	1333.9	1394.2	1310.7	1189.2	1323.1
G52.0	1174.2	1318.3	1391.0	1309.1	1206.5	1333.7	1379.6	1308.6	1185.3	1323.2
G53.0	1172.9	1317.3	1374.7	1309.0	1202.6	1328.7	1366.6	1307.9	1180.8	1318.2
G54.0	1170.5	1314.2	1360.6	1306.1	1200.0	1323.9	1354.9	1304.0	1174.1	1314.5
G55.0	1164.7	1308.8	1345.7	1301.8	1196.8	1320.2	1344.3	1299.1	1169.9	1310.1
G56.0	1159.2	1303.7	1335.8	1297.3	1192.8	1318.2	1337.4	1295.3	1169.8	1308.0
G57.0	1155.6	1298.2	1327.8	1293.1	1190.9	1315.7	1333.4	1293.0	1174.7	1306.4
G58.0	1151.6	1292.0	1321.4	1289.1	1190.7	1313.7	1331.4	1290.3	1177.8	1304.1
G59.0	1147.6	1287.4	1318.6	1286.0	1189.8	1311.0	1333.0	1287.1	1178.9	1301.0
G60.0	1144.6	1283.7	1318.4	1282.4	1186.5	1308.0	1334.0	1283.0	1173.7	1297.6
G61.0	1142.9	1279.8	1318.3	1278.7	1179.7	1303.0	1335.5	1275.7	1165.0	1292.0
G62.0	1139.4	1274.6	1320.1	1271.5	1172.2	1296.7	1336.6	1266.2	1153.9	1283.2
G63.0	1134.4	1271.2	1322.3	1266.2	1161.3	1288.0	1336.0	1257.4	1145.9	1273.6
G64.0	1129.6	1267.0	1323.8	1258.4	1151.7	1278.1	1335.4	1250.7	1138.9	1264.9
G65.0	1125.8	1262.1	1326.5	1250.7	1146.5	1268.7	1335.1	1244.9	1133.4	1256.9
G66.0	1121.9	1259.9	1328.7	1245.5	1141.3	1260.6	1336.8	1240.1	1127.8	1251.2
G67.0	1124.1	1258.8	1335.0	1240.2	1133.2	1254.9	1343.5	1237.1	1124.6	1248.3
G68.0	1123.6	1256.9	1344.0	1235.2	1127.2	1251.3	1355.1	1233.8	1121.2	1246.2
G69.0	1122.6	1255.4	1355.7	1232.0	1126.0	1252.5	1372.0	1236.1	1118.7	1245.5
G70.0	1121.4	1254.4	1371.3	1231.1	1129.5	1257.1	1390.5	1241.2	1121.4	1251.2
G71.0	1123.0	1260.9	1388.8	1236.3	1134.8	1266.8	1414.4	1251.9	1130.3	1262.2
G72.0	1130.1	1266.8	1411.8	1247.4	1142.6	1283.9	1440.6	1264.8	1145.3	1274.8
G73.0	1141.4	1279.2	1436.0	1262.1	1156.6	1300.0	1465.8	1280.7	1166.9	1290.6

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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	1151.0	1295.0	1459.1	1279.5	1173.3	1316.4	1486.2	1298.1	1192.0	1310.4
G75.0	1165.4	1311.0	1482.1	1298.0	1195.5	1332.0	1498.9	1312.2	1218.5	1324.8
G76.0	1184.3	1323.9	1497.3	1314.1	1221.4	1343.5	1501.5	1321.5	1237.7	1339.0
G77.0	1205.1	1335.1	1498.0	1326.9	1240.2	1349.5	1492.0	1324.7	1246.6	1347.1
G78.0	1222.2	1338.6	1488.8	1334.0	1253.8	1350.5	1467.3	1318.0	1245.1	1344.1
G79.0	1233.8	1336.4	1466.6	1329.9	1256.7	1341.6	1430.2	1308.9	1238.8	1335.4
G80.0	1237.4	1327.9	1428.0	1315.9	1249.9	1324.1	1385.4	1291.6	1229.3	1320.6
G81.0	1233.5	1309.3	1382.5	1295.5	1238.4	1299.2	1321.2	1268.3	1216.0	1299.7
G82.0	1224.3	1282.7	1318.6	1271.7	1220.5	1267.5	1254.3	1232.9	1198.2	1269.8
G83.0	1206.7	1250.2	1251.3	1240.6	1198.7	1229.8	1180.7	1196.5	1172.6	1231.8
G84.0	1182.0	1212.8	1183.2	1205.0	1170.6	1184.7	1111.2	1151.4	1137.4	1184.0
G85.0	1151.2	1168.1	1111.0	1163.0	1137.5	1138.8	1038.2	1107.4	1099.4	1136.2
G86.0	1117.4	1117.9	1034.1	1113.5	1099.2	1087.1	963.1	1054.5	1055.7	1087.3
G87.0	1081.2	1064.9	959.2	1059.5	1057.2	1035.4	889.2	994.8	1006.6	1028.3
G88.0	1032.2	1011.0	885.6	1002.4	1006.5	973.9	815.8	935.8	954.6	969.8
G89.0	980.1	949.7	822.1	948.0	954.3	907.9	751.1	870.6	895.5	903.4
G90.0	921.8	889.1	752.0	881.4	898.2	842.4	687.4	805.4	834.7	835.3
G91.0	859.8	817.4	691.7	816.1	833.2	778.9	627.9	739.5	769.6	767.2
G92.0	798.1	754.7	629.3	746.7	755.4	711.7	569.7	678.7	698.0	697.7
G93.0	724.8	684.8	572.6	683.9	546.9	650.2	514.6	614.8	631.6	637.5
G94.0	655.7	619.9	516.5	616.0	276.4	586.8	467.7	557.9	570.1	573.5
G95.0	596.4	567.8	468.4	556.3	84.1	528.7	423.7	499.8	518.6	524.7
G96.0	545.8	514.8	422.5	501.6	154.5	475.4	385.1	455.5	467.4	468.6
G97.0	495.8	464.2	385.4	453.0	171.6	425.2	351.3	406.5	427.7	422.1
G98.0	453.2	424.3	350.3	408.7	164.2	384.8	321.9	365.0	394.1	380.5
G99.0	410.5	383.9	316.7	360.4	151.7	341.7	292.3	327.5	359.2	339.9
G100.0	376.2	340.9	288.7	321.6	137.6	304.6	267.3	294.9	326.2	306.3
G101.0	343.1	306.5	266.7	287.3	125.1	274.0	246.5	265.0	295.4	276.5
G102.0	311.3	278.5	244.7	257.4	113.2	247.3	227.5	238.3	266.7	250.4
G103.0	283.5	249.8	224.8	230.5	101.9	225.5	207.0	216.3	240.1	224.7
G104.0	256.2	226.8	203.5	209.1	93.9	203.4	189.6	194.1	213.6	204.2
G105.0	229.7	205.3	184.4	189.4	112.7	185.2	171.7	174.8	191.8	186.3
G106.0	207.7	184.4	166.6	171.4	117.9	167.0	158.6	158.6	173.3	168.2
G107.0	188.3	168.1	152.6	156.0	100.8	151.6	147.0	143.9	156.3	152.5
G108.0	171.4	154.3	141.2	142.1	102.7	138.2	137.7	132.1	139.8	137.7
G109.0	155.6	139.9	132.7	127.8	98.9	124.8	129.0	121.0	126.1	124.4
G110.0	143.1	129.0	124.0	117.4	92.2	114.6	121.0	110.8	115.2	112.5

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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	132.8	119.5	117.6	107.7	85.4	103.9	113.5	102.6	104.8	103.8
G112.0	124.5	112.3	111.0	99.2	80.0	96.1	106.3	94.1	97.2	95.7
G113.0	118.7	106.5	105.2	91.4	75.7	88.8	100.2	87.8	91.6	88.7
G114.0	115.1	102.0	100.5	84.4	71.7	81.8	93.6	81.3	86.7	82.2
G115.0	112.5	97.6	95.3	78.7	68.4	76.6	87.1	76.8	82.6	76.6
G116.0	109.2	94.1	90.9	74.2	65.6	71.8	81.5	72.2	79.6	71.9
G117.0	106.6	90.5	85.7	70.2	63.3	68.4	74.5	68.6	76.7	67.3
G118.0	104.0	86.7	80.2	67.5	61.4	66.3	68.6	65.6	74.4	64.6
G119.0	100.6	84.4	75.2	64.6	59.6	64.0	63.1	63.3	73.1	62.1
G120.0	97.6	82.4	69.9	63.0	58.7	62.7	57.9	61.6	71.8	59.9
G121.0	94.6	80.2	65.7	61.7	57.9	61.9	53.7	60.2	71.2	58.2
G122.0	91.7	78.2	61.1	60.8	58.0	60.8	50.2	59.1	71.3	57.6
G123.0	89.2	75.5	56.5	60.1	58.0	59.8	46.3	58.3	72.5	56.1
G124.0	86.9	72.4	52.2	58.9	58.7	58.7	43.1	58.1	73.4	54.9
G125.0	84.4	68.3	47.9	58.7	59.0	58.6	39.4	58.0	73.2	54.2
G126.0	81.3	65.1	43.9	58.1	59.0	57.8	36.6	58.7	72.2	54.9
G127.0	76.7	61.9	38.4	56.8	59.6	56.8	32.8	57.2	71.1	54.3
G128.0	72.3	57.4	34.0	55.0	60.2	56.2	29.2	54.5	69.4	52.1
G129.0	67.6	52.8	27.5	53.9	57.5	52.2	21.4	52.4	64.1	50.1
G130.0	55.2	48.8	21.1	48.9	54.4	48.4	12.6	48.4	51.1	46.7
G131.0	48.5	44.0	11.6	45.3	51.0	44.6	7.4	44.4	46.4	42.2
G132.0	45.2	40.1	7.5	41.9	46.2	41.7	6.6	40.6	43.0	38.0
G133.0	41.6	36.1	6.3	38.6	44.0	38.8	6.1	35.9	40.2	34.2
G134.0	37.2	31.2	4.4	35.6	41.7	34.4	5.6	31.4	36.6	30.1
G135.0	34.3	25.7	5.6	30.1	38.7	29.2	5.3	25.0	32.9	24.0
G136.0	30.0	20.6	5.4	24.9	35.1	22.0	5.4	18.7	27.5	17.4
G137.0	26.3	16.7	5.0	17.3	28.6	14.4	4.8	12.4	21.8	11.6
G138.0	21.8	12.1	5.2	10.1	23.4	6.7	5.1	7.5	15.9	6.6
G139.0	17.5	7.0	4.5	5.6	17.0	5.9	5.1	4.6	11.7	3.8
G140.0	13.7	5.7	4.4	5.1	10.3	5.0	5.3	3.0	7.9	4.5
G141.0	9.9	5.5	4.6	5.1	5.6	5.2	5.2	3.8	4.8	3.7
G142.0	5.5	5.1	4.8	4.2	5.2	4.3	4.8	4.5	4.2	3.8
G143.0	4.1	4.7	4.6	4.8	3.9	2.7	4.4	4.4	4.1	4.3
G144.0	4.5	4.4	3.9	4.8	4.9	4.7	4.0	4.4	3.9	3.1
G145.0	3.5	4.5	4.8	5.0	4.7	4.7	5.1	4.1	4.3	3.8
G146.0	4.4	4.5	4.3	4.7	4.7	4.9	4.8	4.4	4.0	3.9
G147.0	4.2	5.1	4.3	5.0	5.1	4.4	4.6	3.8	4.3	4.2

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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	4.4	5.1	4.0	4.3	4.9	5.2	4.6	3.9	4.1	3.7
G149.0	4.4	4.7	4.1	4.9	5.1	4.9	4.7	4.0	4.0	4.3
G150.0	4.4	4.4	4.2	3.8	4.8	5.1	4.9	4.3	4.2	4.5
G151.0	4.2	4.6	4.6	4.9	4.9	5.1	4.2	3.5	4.0	4.0
G152.0	3.5	4.7	4.0	4.5	5.0	5.0	3.9	4.5	3.5	4.0
G153.0	4.6	3.7	4.6	4.4	4.8	5.0	5.1	3.7	4.2	3.9
G154.0	4.3	4.8	4.9	4.9	4.8	5.2	4.9	3.8	4.2	4.0
G155.0	3.4	4.3	4.7	4.3	4.8	5.0	5.0	4.5	4.1	4.2
G156.0	4.1	4.6	5.1	4.9	5.0	4.9	5.0	4.1	4.3	3.0
G157.0	4.5	4.5	4.6	5.0	4.9	5.1	4.5	4.7	4.4	3.9
G158.0	4.2	4.4	4.5	4.2	4.1	4.7	4.4	4.3	3.6	4.0
G159.0	3.8	4.8	4.0	5.1	5.1	4.2	4.5	4.6	3.6	4.0
G160.0	4.3	4.8	4.3	4.4	4.5	4.7	4.5	4.4	3.7	4.1
G161.0	3.9	4.7	4.3	4.4	4.9	4.4	4.6	4.4	3.9	4.1
G162.0	3.5	3.7	4.3	4.5	4.6	3.3	5.0	5.0	4.0	3.7
G163.0	4.4	4.4	4.8	4.8	4.4	5.0	5.0	3.3	4.3	4.3
G164.0	4.1	5.0	4.8	4.8	4.4	4.3	4.3	4.0	4.4	4.5
G165.0	4.6	4.7	4.0	4.7	4.1	4.5	4.8	4.3	4.3	4.6
G166.0	4.1	4.5	4.4	4.9	3.5	5.0	4.7	4.0	4.0	3.6
G167.0	3.9	4.3	5.1	4.8	4.6	4.9	4.6	4.6	3.4	4.3
G168.0	4.3	4.9	4.7	4.6	4.7	4.2	4.6	4.2	4.1	4.9
G169.0	4.4	4.7	4.9	4.5	4.8	4.4	5.1	4.9	3.1	4.4
G170.0	4.6	4.8	4.2	4.5	4.9	4.7	4.6	4.7	4.5	4.4
G171.0	3.4	4.7	4.3	4.8	4.5	4.8	4.8	3.8	4.5	3.9
G172.0	4.6	4.8	4.5	4.4	4.9	4.8	4.9	4.3	4.6	4.4
G173.0	4.1	4.7	4.3	4.7	4.5	5.0	4.7	4.2	4.6	4.2
G174.0	4.2	4.5	4.6	4.4	4.9	4.2	4.8	3.7	4.3	4.4
G175.0	4.3	4.6	4.3	4.5	4.6	4.9	4.6	4.0	4.1	4.4
G176.0	4.1	4.7	4.7	3.4	4.6	4.1	4.3	3.9	4.5	3.8
G177.0	3.8	4.0	4.5	2.7	4.7	4.8	5.0	4.4	4.0	3.3
G178.0	4.1	4.1	4.2	4.0	4.4	4.7	4.4	4.0	4.2	4.6
G179.0	3.6	3.8	4.5	4.5	4.4	4.5	3.5	4.0	4.2	4.2
G180.0	3.4	4.7	4.1	4.5	4.1	4.8	3.8	4.4	4.5	3.4

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 '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	1104.8	1104.8	1104.8	1104.8	1104.8	1104.8	1104.8			
G1.0	1105.2	1105.4	1104.6	1105.0	1105.1	1104.1	1104.0			
G2.0	1105.6	1106.2	1105.1	1105.8	1104.4	1103.3	1102.3			
G3.0	1106.5	1108.4	1106.7	1106.3	1104.0	1102.3	1101.5			
G4.0	1107.9	1110.2	1108.8	1107.3	1105.1	1101.5	1100.0			
G5.0	1109.0	1112.8	1112.6	1109.5	1105.4	1100.7	1100.0			
G6.0	1111.6	1116.9	1116.8	1112.0	1106.4	1101.2	1100.1			
G7.0	1115.6	1122.3	1123.6	1116.9	1108.4	1104.1	1101.6			
G8.0	1121.4	1129.2	1130.0	1121.8	1111.0	1107.2	1104.8			
G9.0	1126.5	1135.3	1137.1	1126.9	1116.0	1111.2	1109.4			
G10.0	1134.8	1143.1	1145.8	1133.8	1121.4	1116.9	1114.9			
G11.0	1143.3	1152.7	1156.2	1143.3	1128.4	1125.3	1122.4			
G12.0	1152.8	1163.7	1168.9	1153.6	1136.0	1134.1	1131.6			
G13.0	1164.4	1176.0	1182.9	1165.7	1145.0	1145.0	1142.9			
G14.0	1177.5	1191.0	1198.0	1178.5	1157.0	1158.3	1156.5			
G15.0	1193.5	1206.2	1213.3	1193.2	1169.9	1174.0	1172.1			
G16.0	1210.9	1221.7	1228.8	1208.1	1186.2	1190.6	1189.4			
G17.0	1232.8	1236.8	1243.7	1224.7	1203.1	1208.9	1209.2			
G18.0	1253.8	1252.7	1259.5	1239.8	1221.0	1227.2	1226.8			
G19.0	1275.1	1268.3	1277.0	1254.9	1240.7	1247.2	1243.5			
G20.0	1297.9	1287.6	1292.6	1270.4	1263.3	1265.2	1259.7			
G21.0	1318.4	1304.7	1307.8	1286.8	1285.0	1283.2	1275.2			
G22.0	1341.1	1321.6	1320.8	1302.4	1306.4	1299.8	1288.9			
G23.0	1363.5	1337.7	1335.2	1317.7	1328.4	1316.2	1304.1			
G24.0	1384.9	1353.5	1349.3	1331.3	1350.3	1332.0	1317.4			
G25.0	1405.7	1370.2	1364.4	1346.9	1371.6	1348.5	1329.4			
G26.0	1429.0	1386.4	1377.1	1362.2	1393.4	1364.4	1342.2			
G27.0	1448.7	1402.2	1388.9	1379.6	1414.4	1378.0	1352.8			
G28.0	1467.9	1417.6	1399.5	1394.7	1433.1	1391.0	1363.2			
G29.0	1486.4	1432.6	1408.9	1408.2	1452.2	1403.2	1372.4			
G30.0	1504.8	1446.4	1416.1	1421.5	1469.7	1415.8	1381.0			
G31.0	1522.0	1461.0	1420.1	1432.5	1487.4	1427.1	1385.7			
G32.0	1540.3	1470.7	1420.0	1442.8	1506.5	1436.8	1387.2			
G33.0	1555.2	1475.5	1416.9	1449.0	1522.6	1443.5	1386.5			
G34.0	1567.7	1477.3	1410.5	1450.4	1537.5	1448.2	1382.1			
G35.0	1577.8	1478.2	1400.0	1450.9	1549.9	1449.7	1375.7			
G36.0	1584.0	1476.5	1389.0	1450.2	1560.8	1450.6	1367.5			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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	1588.6	1472.9	1375.4	1446.8	1567.5	1449.3	1356.8			
G38.0	1588.7	1467.6	1357.5	1442.6	1572.3	1447.3	1344.8			
G39.0	1586.5	1459.8	1334.1	1435.0	1575.4	1441.9	1331.5			
G40.0	1583.1	1449.6	1313.9	1426.5	1575.5	1434.8	1317.0			
G41.0	1578.8	1436.7	1293.6	1414.8	1574.8	1422.7	1297.9			
G42.0	1573.1	1419.4	1271.7	1402.7	1572.8	1410.1	1278.7			
G43.0	1567.2	1401.8	1248.5	1388.2	1569.8	1393.3	1257.3			
G44.0	1560.1	1381.8	1224.7	1372.7	1565.3	1375.9	1236.5			
G45.0	1551.0	1361.2	1206.2	1354.4	1559.5	1355.6	1219.4			
G46.0	1537.3	1342.0	1193.8	1335.4	1549.5	1337.3	1204.6			
G47.0	1514.8	1327.3	1187.8	1316.7	1535.6	1323.2	1189.3			
G48.0	1488.7	1320.4	1185.0	1306.4	1516.2	1312.6	1179.9			
G49.0	1458.9	1319.0	1184.6	1302.6	1491.6	1306.7	1175.0			
G50.0	1430.3	1318.2	1187.2	1301.8	1458.2	1303.5	1173.5			
G51.0	1402.2	1320.7	1194.8	1303.2	1428.2	1300.9	1173.5			
G52.0	1381.1	1322.8	1202.3	1306.4	1402.3	1300.9	1174.2			
G53.0	1363.2	1325.8	1202.4	1311.1	1379.8	1299.4	1172.9			
G54.0	1348.8	1326.0	1191.5	1315.5	1361.2	1295.9	1170.5			
G55.0	1337.9	1321.2	1182.8	1314.6	1345.4	1289.7	1164.7			
G56.0	1329.5	1312.9	1175.8	1307.4	1333.5	1284.7	1159.2			
G57.0	1324.7	1303.9	1174.8	1299.5	1324.5	1280.7	1155.6			
G58.0	1322.0	1297.9	1175.2	1292.3	1318.5	1276.5	1151.6			
G59.0	1320.4	1296.3	1177.4	1289.5	1314.0	1271.6	1147.6			
G60.0	1321.5	1294.1	1175.9	1289.3	1311.8	1266.3	1144.6			
G61.0	1324.5	1287.4	1172.3	1285.2	1309.2	1260.4	1142.9			
G62.0	1326.2	1276.7	1166.4	1277.2	1309.5	1253.4	1139.4			
G63.0	1325.2	1261.5	1157.5	1266.8	1311.2	1248.7	1134.4			
G64.0	1322.3	1251.6	1146.9	1256.3	1312.5	1243.3	1129.6			
G65.0	1321.4	1247.8	1138.2	1251.6	1313.2	1240.5	1125.8			
G66.0	1324.7	1243.7	1130.1	1249.5	1315.0	1236.7	1121.9			
G67.0	1332.9	1239.2	1125.2	1248.0	1322.0	1235.0	1124.1			
G68.0	1342.7	1237.6	1126.5	1247.0	1332.9	1233.8	1123.6			
G69.0	1354.8	1238.6	1132.0	1246.9	1347.8	1235.1	1122.6			
G70.0	1370.9	1241.9	1130.0	1247.6	1361.3	1236.1	1121.4			
G71.0	1393.0	1246.3	1125.4	1248.0	1376.1	1240.2	1123.0			
G72.0	1421.4	1253.0	1125.3	1254.0	1395.2	1246.8	1130.1			
G73.0	1455.6	1266.2	1131.0	1263.7	1420.2	1258.8	1141.4			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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	1480.2	1282.8	1149.8	1276.7	1444.8	1273.8	1151.0			
G75.0	1497.3	1302.7	1177.2	1294.9	1465.6	1288.5	1165.4			
G76.0	1508.9	1321.1	1204.1	1313.2	1480.3	1302.6	1184.3			
G77.0	1511.0	1333.8	1227.4	1325.7	1488.3	1314.8	1205.1			
G78.0	1498.4	1340.6	1243.8	1337.1	1489.0	1322.3	1222.2			
G79.0	1472.7	1341.2	1251.3	1340.6	1475.6	1324.6	1233.8			
G80.0	1434.0	1334.7	1253.3	1337.6	1449.8	1318.2	1237.4			
G81.0	1380.0	1320.1	1251.3	1329.7	1407.2	1305.3	1233.5			
G82.0	1320.3	1298.8	1243.6	1310.1	1357.3	1285.5	1224.3			
G83.0	1252.4	1270.7	1228.4	1284.0	1299.0	1259.4	1206.7			
G84.0	1178.8	1235.6	1201.8	1249.6	1233.2	1222.2	1182.0			
G85.0	1104.4	1191.8	1172.3	1208.9	1161.5	1183.2	1151.2			
G86.0	1024.6	1141.0	1140.2	1163.0	1082.3	1136.8	1117.4			
G87.0	952.1	1093.1	1102.8	1109.5	1012.4	1088.8	1081.2			
G88.0	880.8	1038.7	1052.4	1057.9	942.4	1030.9	1032.2			
G89.0	807.9	975.6	1002.2	997.9	873.4	973.3	980.1			
G90.0	727.5	896.7	944.1	932.2	797.9	909.1	921.8			
G91.0	660.7	823.8	838.4	850.3	727.8	837.9	859.8			
G92.0	599.0	754.5	485.2	783.0	665.8	770.6	798.1			
G93.0	542.5	684.8	165.0	717.3	606.6	697.9	724.8			
G94.0	486.7	623.5	123.6	654.4	546.0	635.7	655.7			
G95.0	439.8	566.1	197.9	589.4	496.3	579.3	596.4			
G96.0	398.0	510.4	199.7	534.0	449.3	527.7	545.8			
G97.0	361.1	458.9	182.5	482.6	405.9	474.4	495.8			
G98.0	325.1	407.7	167.2	435.1	365.6	431.6	453.2			
G99.0	296.9	365.4	153.4	386.0	333.9	392.6	410.5			
G100.0	271.8	325.2	141.0	344.9	305.3	351.0	376.2			
G101.0	250.1	286.0	129.2	308.1	281.3	316.2	343.1			
G102.0	230.2	254.6	117.7	274.4	259.4	286.1	311.3			
G103.0	210.2	228.1	123.1	242.7	237.3	258.5	283.5			
G104.0	193.7	205.8	160.0	218.4	217.1	232.2	256.2			
G105.0	177.5	185.3	132.0	197.8	197.5	210.8	229.7			
G106.0	162.0	168.7	118.6	178.0	177.9	191.6	207.7			
G107.0	149.4	153.7	117.2	162.3	161.6	173.7	188.3			
G108.0	139.4	140.5	107.6	147.5	149.2	156.7	171.4			
G109.0	130.2	126.9	98.0	133.8	138.1	142.6	155.6			
G110.0	122.1	116.3	90.5	120.8	129.1	131.2	143.1			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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	115.3	107.6	84.2	111.6	121.9	121.1	132.8			
G112.0	109.1	100.0	79.6	103.5	115.4	112.7	124.5			
G113.0	102.3	93.1	75.9	96.3	109.7	106.4	118.7			
G114.0	96.0	87.1	72.9	89.7	103.9	101.1	115.1			
G115.0	90.2	81.8	69.6	84.0	98.7	97.2	112.5			
G116.0	84.0	77.2	67.8	79.1	94.5	93.6	109.2			
G117.0	77.7	74.2	66.5	74.9	89.0	90.8	106.6			
G118.0	71.7	71.6	66.0	72.0	83.7	87.7	104.0			
G119.0	66.1	69.9	64.8	70.3	79.0	85.8	100.6			
G120.0	61.1	68.1	64.3	67.9	74.3	83.3	97.6			
G121.0	56.3	66.8	63.8	66.7	69.2	81.2	94.6			
G122.0	52.7	66.0	63.0	65.9	65.1	79.2	91.7			
G123.0	49.3	65.0	62.3	64.5	60.6	76.6	89.2			
G124.0	45.9	63.0	61.6	63.0	56.2	72.7	86.9			
G125.0	42.3	60.8	60.7	60.6	51.5	68.8	84.4			
G126.0	39.0	59.4	59.7	58.1	47.9	65.2	81.3			
G127.0	35.0	57.3	58.8	56.4	42.2	62.0	76.7			
G128.0	30.3	56.1	56.8	54.8	37.5	58.4	72.3			
G129.0	25.7	53.5	55.7	52.5	32.2	53.5	67.6			
G130.0	18.7	51.0	54.4	50.4	25.0	49.9	55.2			
G131.0	10.6	48.8	52.8	47.8	17.8	45.5	48.5			
G132.0	6.7	45.7	50.3	45.2	9.3	41.5	45.2			
G133.0	5.7	42.1	47.5	41.2	7.1	37.1	41.6			
G134.0	4.9	36.5	43.5	35.9	6.1	32.5	37.2			
G135.0	4.7	30.8	39.9	29.8	5.5	27.9	34.3			
G136.0	4.0	25.1	34.9	24.7	5.0	22.8	30.0			
G137.0	4.9	19.8	30.5	19.8	4.7	18.0	26.3			
G138.0	4.6	14.1	26.1	14.1	5.2	13.6	21.8			
G139.0	5.0	8.1	21.5	7.9	5.3	9.1	17.5			
G140.0	4.4	5.2	16.4	5.3	5.0	5.7	13.7			
G141.0	4.4	4.8	10.9	4.9	4.8	5.5	9.9			
G142.0	4.6	4.3	5.7	4.8	4.4	4.5	5.5			
G143.0	4.4	3.9	5.1	4.6	4.5	5.0	4.1			
G144.0	3.9	4.6	5.1	4.8	5.2	3.8	4.5			
G145.0	4.8	4.3	4.4	3.9	5.0	5.0	3.5			
G146.0	3.6	4.6	4.7	3.4	4.7	3.6	4.4			
G147.0	4.3	4.3	4.9	4.7	4.8	5.0	4.2			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 '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	4.5	4.4	5.1	5.2	4.4	4.5	4.4			
G149.0	4.0	4.7	5.0	5.1	5.2	4.7	4.4			
G150.0	4.7	4.4	4.3	4.6	5.1	4.6	4.4			
G151.0	4.3	4.8	4.5	5.0	5.0	5.0	4.2			
G152.0	4.4	5.0	4.7	5.0	5.0	4.8	3.5			
G153.0	4.4	4.5	5.0	4.7	4.7	4.7	4.6			
G154.0	4.5	5.0	4.9	4.8	4.4	5.0	4.3			
G155.0	3.8	3.8	2.7	5.0	4.9	4.3	3.4			
G156.0	4.9	4.7	4.6	4.4	4.8	4.7	4.1			
G157.0	4.0	4.1	3.2	5.0	4.0	4.7	4.5			
G158.0	4.6	4.2	4.6	4.1	4.9	4.5	4.2			
G159.0	4.6	4.7	4.8	4.6	4.3	5.1	3.8			
G160.0	4.0	4.5	5.0	4.5	4.9	3.6	4.3			
G161.0	4.1	4.6	4.5	4.9	4.3	5.0	3.9			
G162.0	4.8	4.6	4.4	4.6	5.0	4.8	3.5			
G163.0	4.5	4.7	4.9	4.9	4.5	4.8	4.4			
G164.0	4.5	4.2	5.3	5.3	5.1	4.9	4.1			
G165.0	4.5	4.7	4.7	4.7	4.8	4.7	4.6			
G166.0	5.0	4.0	4.4	4.5	4.4	3.4	4.1			
G167.0	4.4	4.8	4.9	4.5	4.4	4.9	3.9			
G168.0	4.7	4.7	4.4	5.0	4.5	4.9	4.3			
G169.0	5.0	5.0	5.0	5.2	5.2	4.9	4.4			
G170.0	4.6	5.2	4.7	4.8	4.8	4.8	4.6			
G171.0	4.7	4.5	4.5	5.1	4.7	4.7	3.4			
G172.0	4.6	5.0	4.6	5.2	4.6	4.5	4.6			
G173.0	3.7	5.1	4.0	5.4	4.7	5.0	4.1			
G174.0	4.7	4.8	4.3	4.9	4.6	5.1	4.2			
G175.0	4.6	4.5	5.1	5.0	4.5	5.1	4.3			
G176.0	4.6	4.5	4.4	4.5	4.4	4.7	4.1			
G177.0	3.8	3.9	3.3	4.2	4.6	4.1	3.8			
G178.0	4.4	4.5	4.5	4.7	4.4	4.5	4.1			
G179.0	4.2	3.5	4.5	4.7	4.8	4.4	3.6			
G180.0	4.6	4.1	4.5	4.1	4.8	3.8	3.4			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

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