

Report No.:

Test Time: 2022/11/14 10:39

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.615 A

Power Factor: 0.992

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 73.28 W

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 9156.4 lm

Efficiency: 100%

Upward Ratio: 10%

C0r0 Intensity: 1124.14 cd

Pos of Max. Intensity: H225 V38

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 185.1, 183.6, 178.5, 178.4

Longitudinal Classification: Very Short

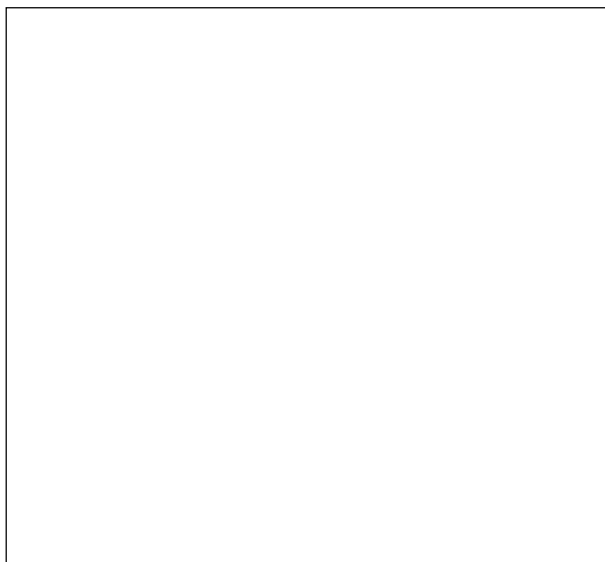
Measurement Flux: 9156.4 lm

Downward Ratio: 90%

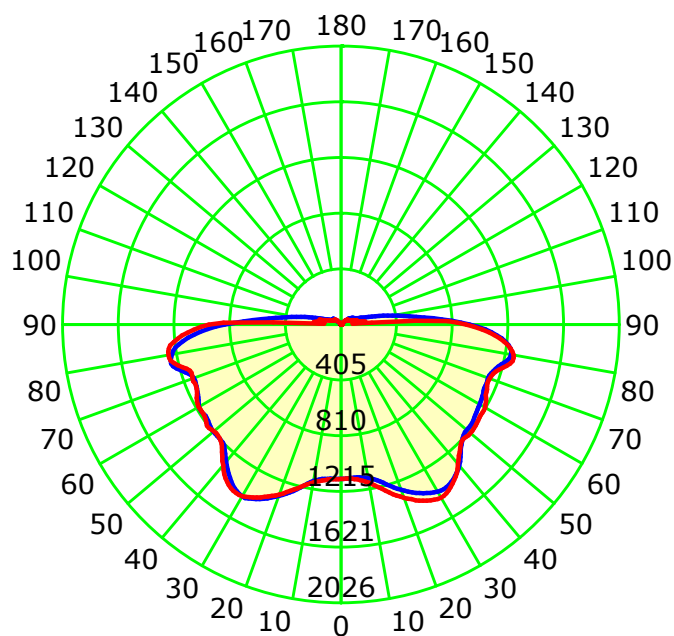
Luminaire Efficacy Rating (LER): 125.00

Max. Intensity: 1621.06 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: 25.6 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

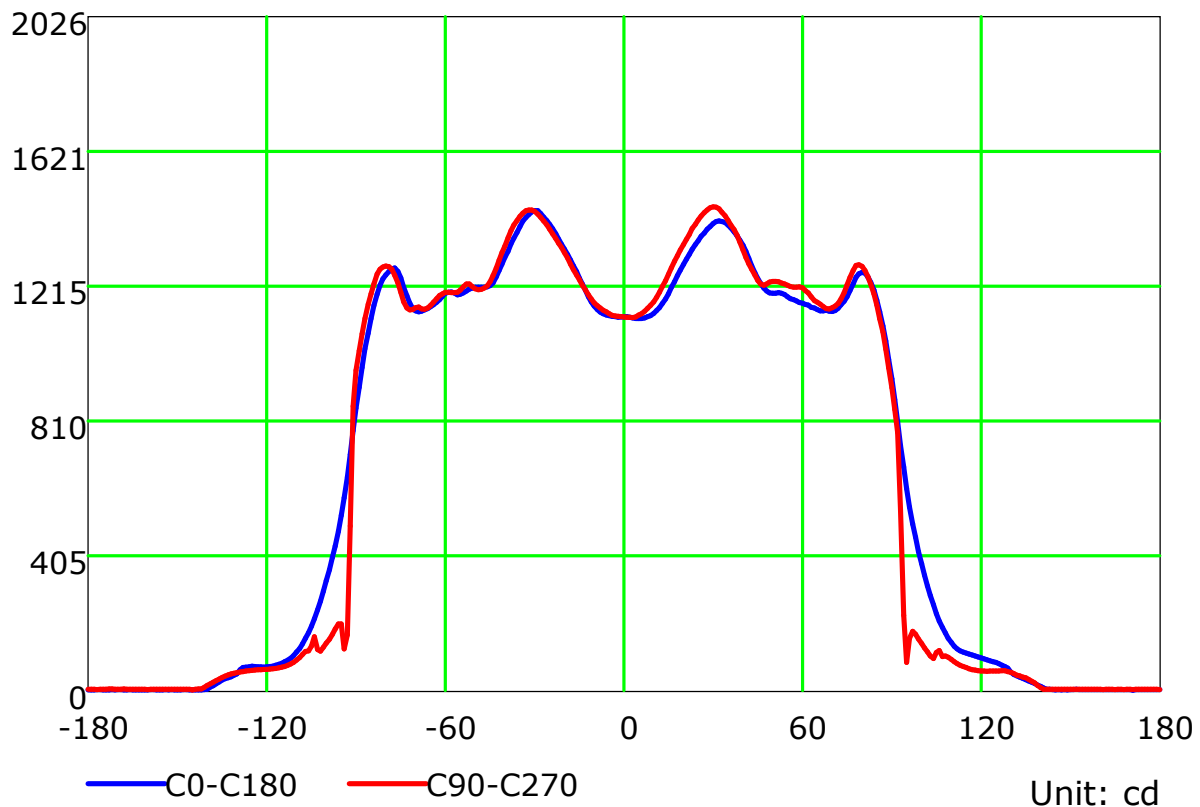
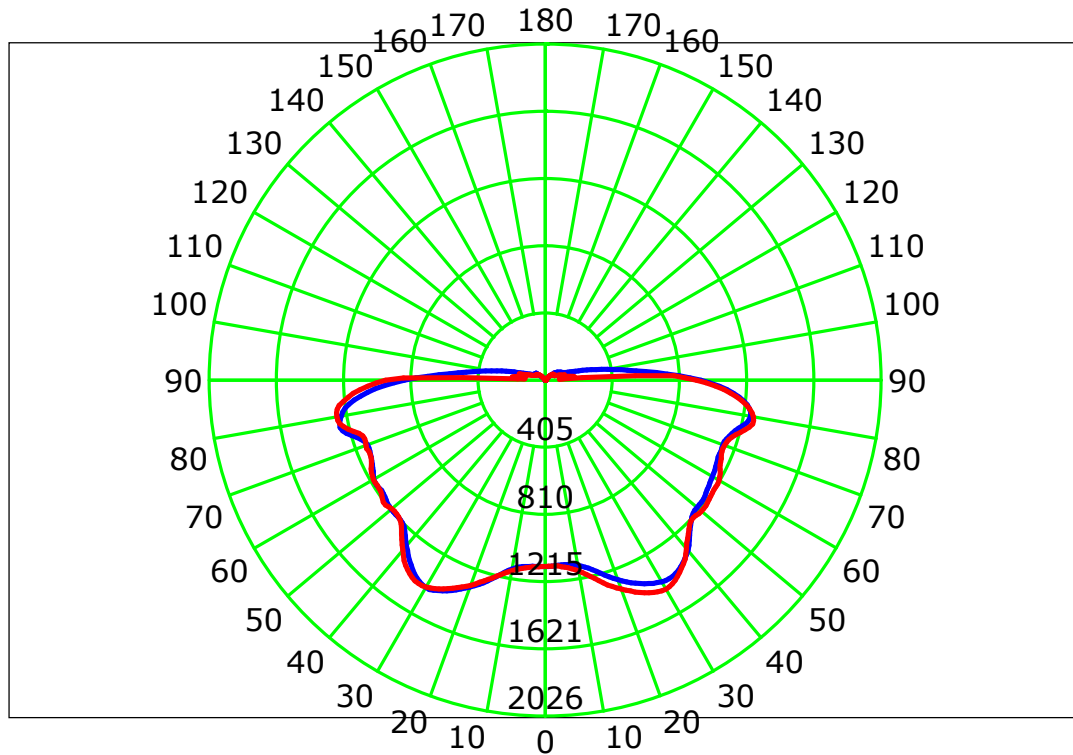
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

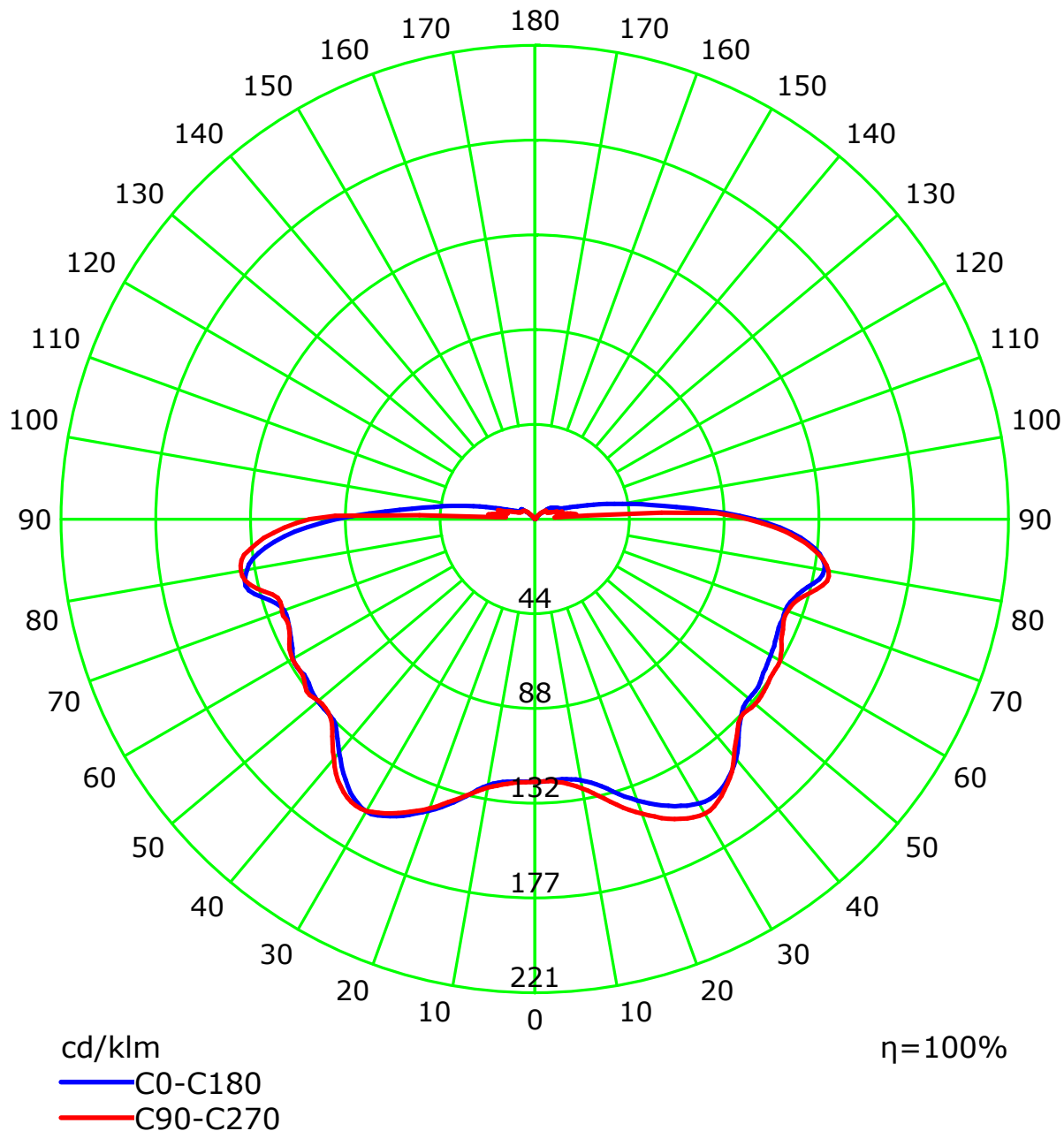
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

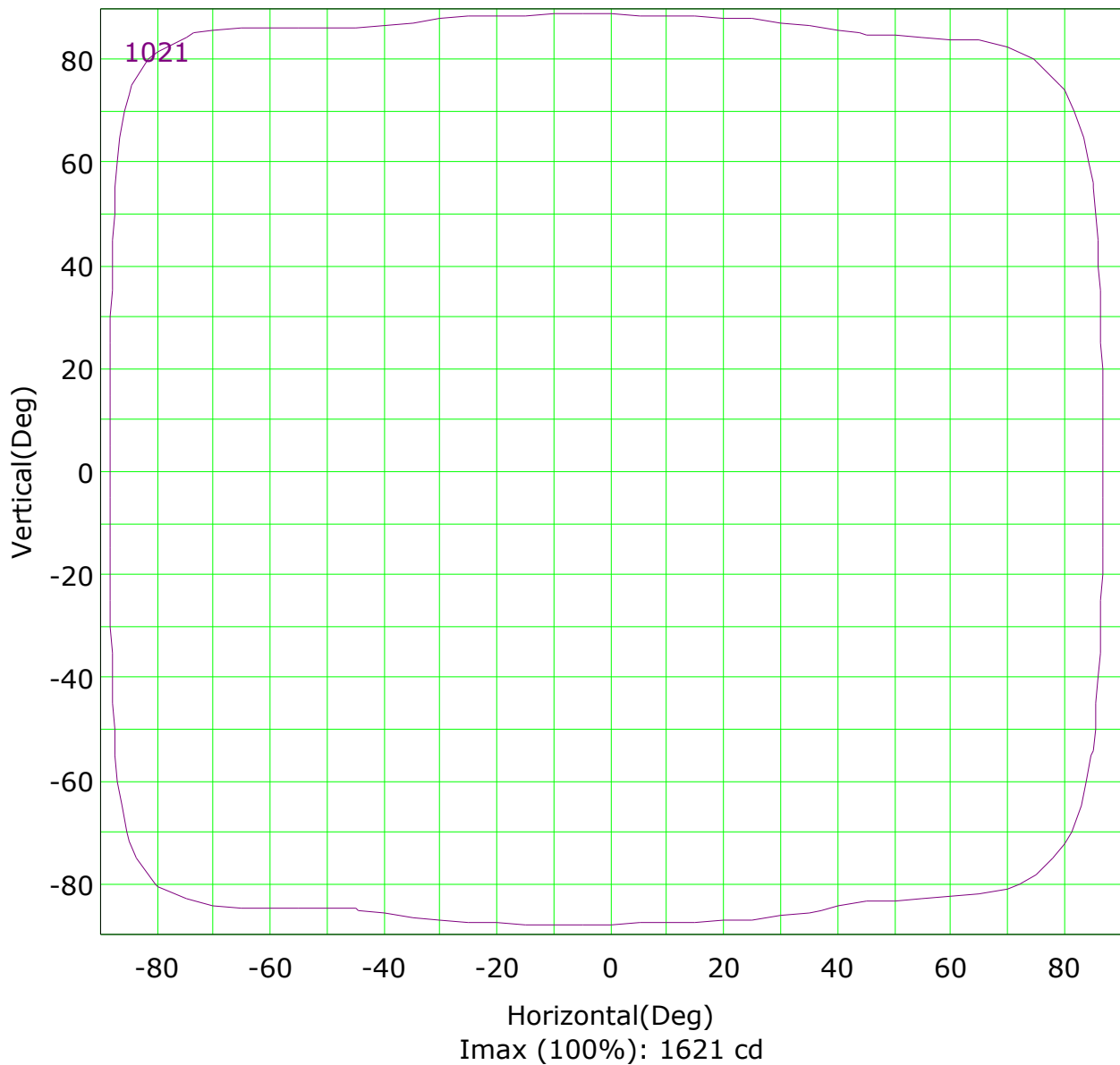
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

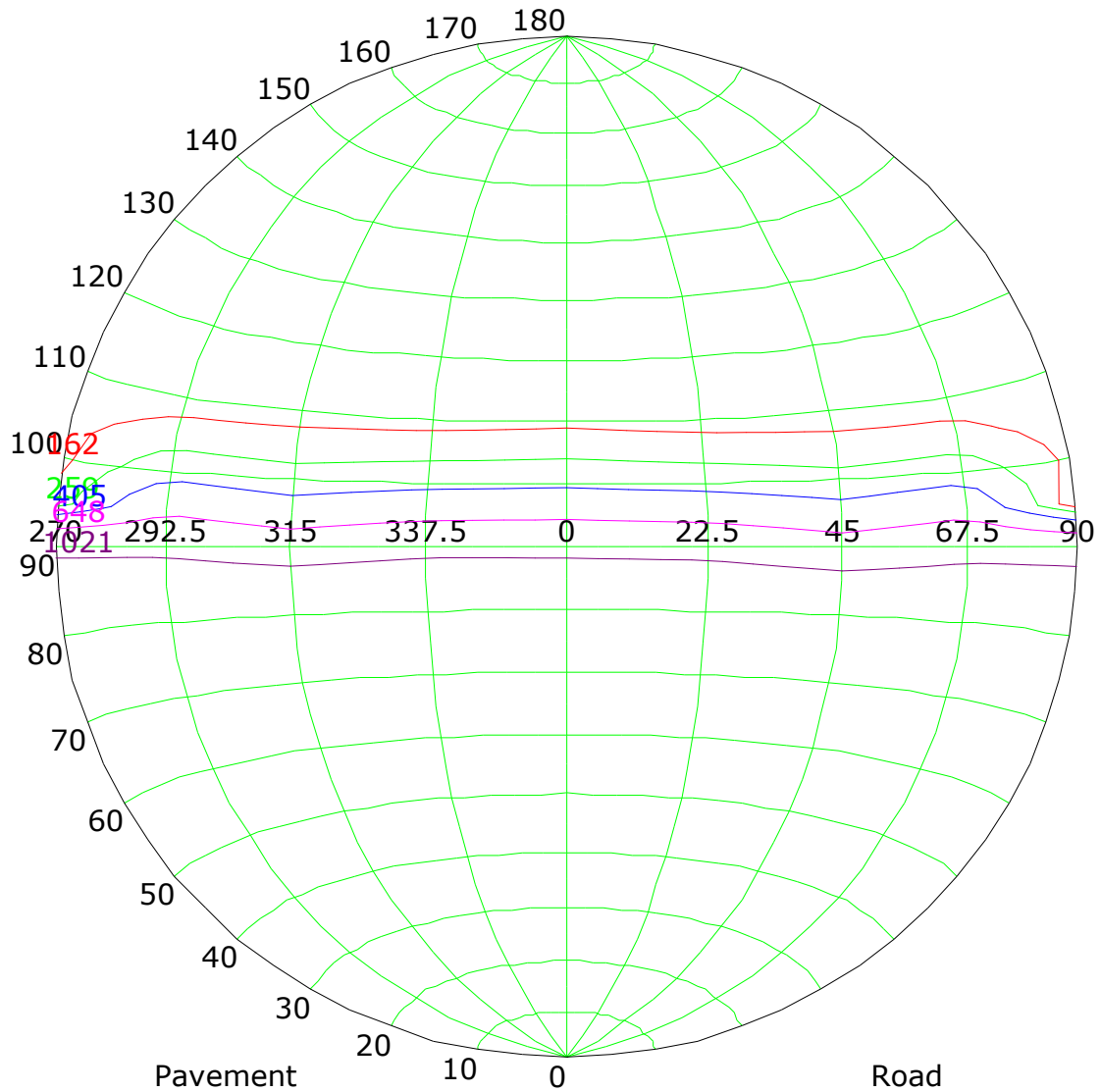
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Isocandela (rectangle)



(10%): 162 cd	(16%): 259 cd
(25%): 405 cd	(40%): 648 cd
(63%): 1021 cd	(100%): 1621 cd

Isocandela (sphere)



Imax (100%): 1621 cd

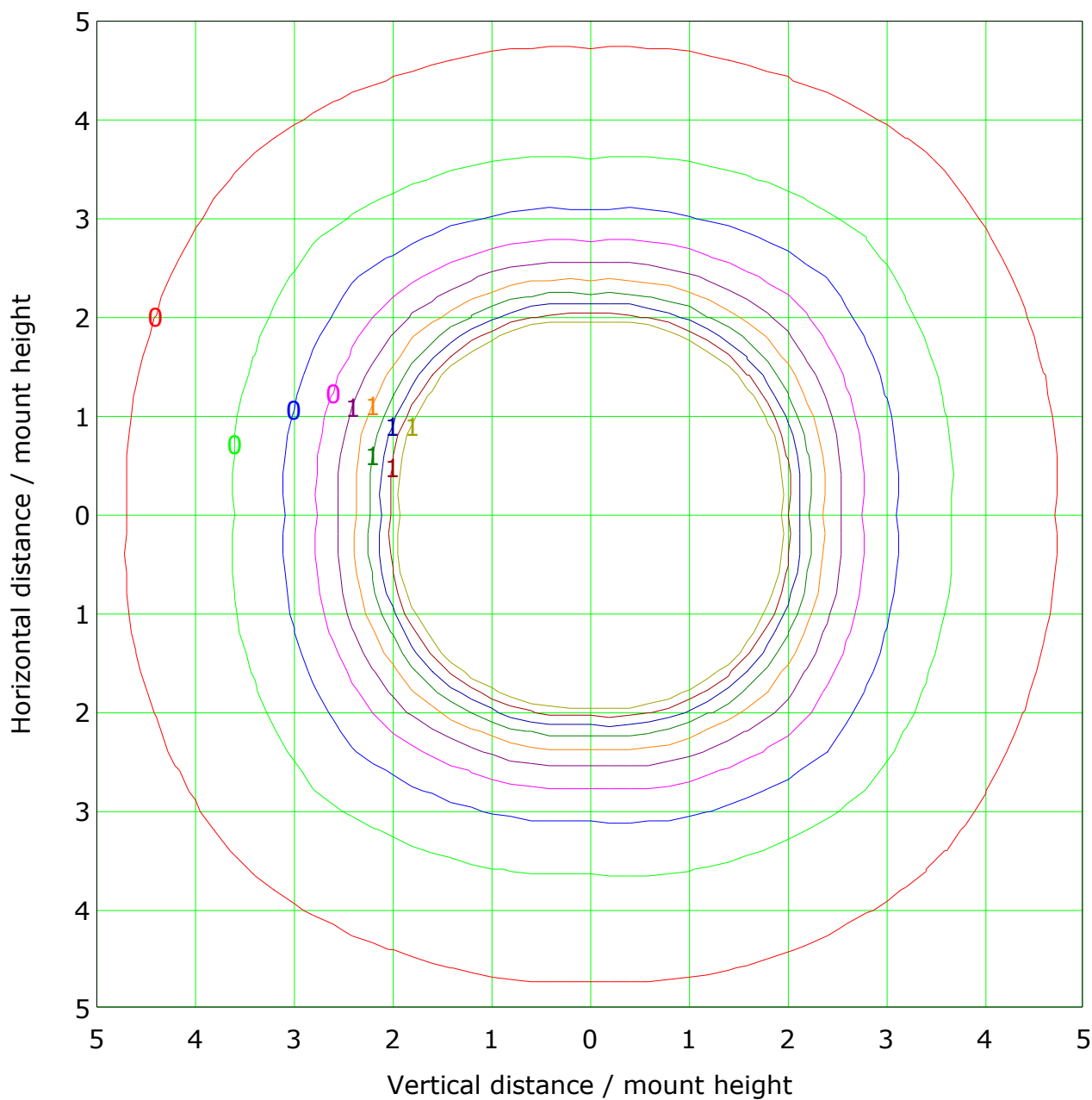
(10%): 162 cd
(25%): 405 cd
(63%): 1021 cd

(16%): 259 cd
(40%): 648 cd
(100%): 1621 cd

CIE: broad - short
CIE: Non-cut-off luminaire
Max.At90: 105.209 cd/klm

IES: Non-cut-off
Max.At80: 160.947 cd/klm
Max.80-90: 160.947 cd/klm

IsoLux Plot



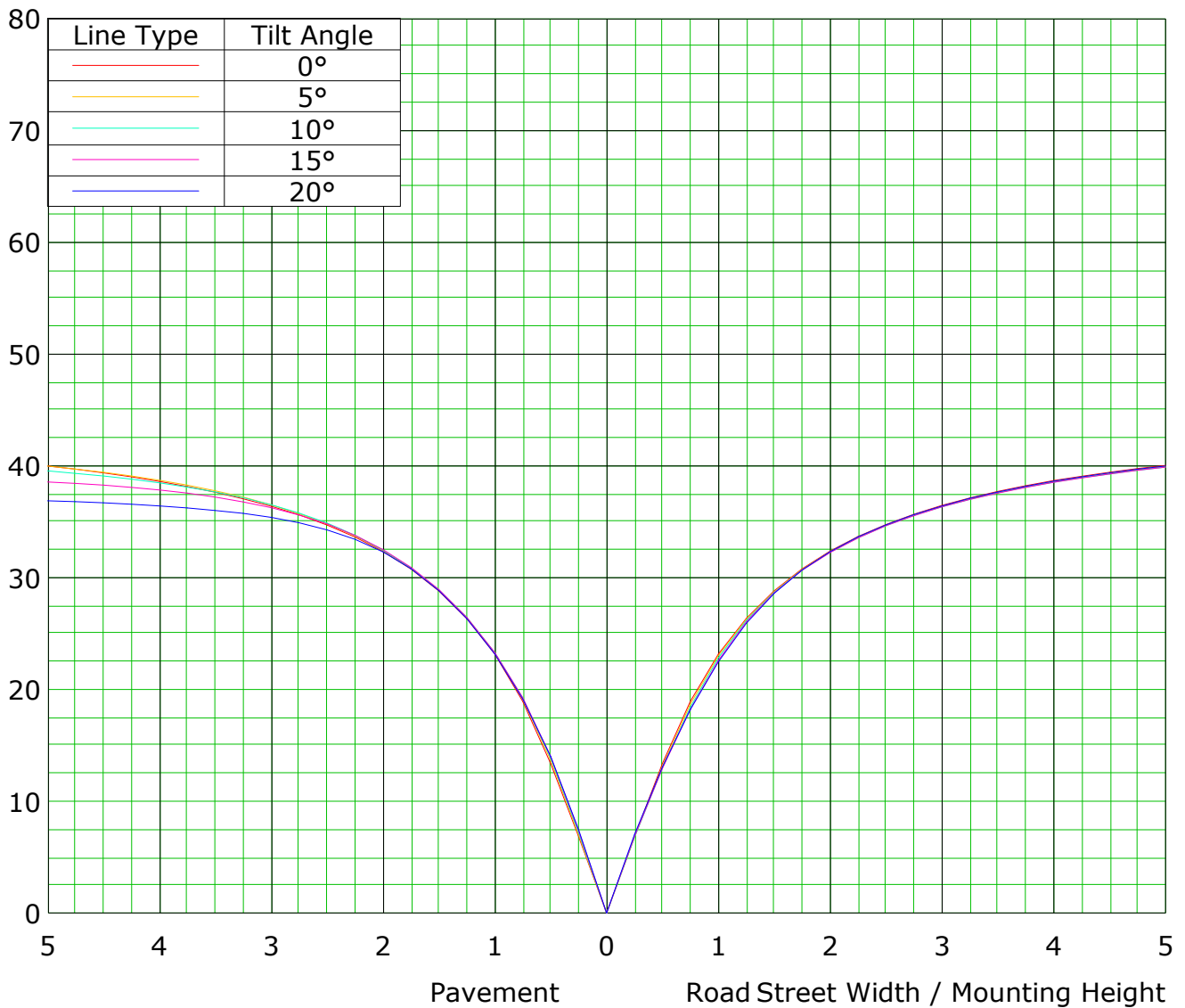
Mounting Height: 10.0m		Max Lux(100%): 11.3 lx	
(1%):	0.1 lx	(2%):	0.2 lx
(3%):	0.3 lx	(4%):	0.5 lx
(5%):	0.6 lx	(6%):	0.7 lx
(7%):	0.8 lx	(8%):	0.9 lx
(9%):	1.0 lx	(10%):	1.1 lx

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 '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

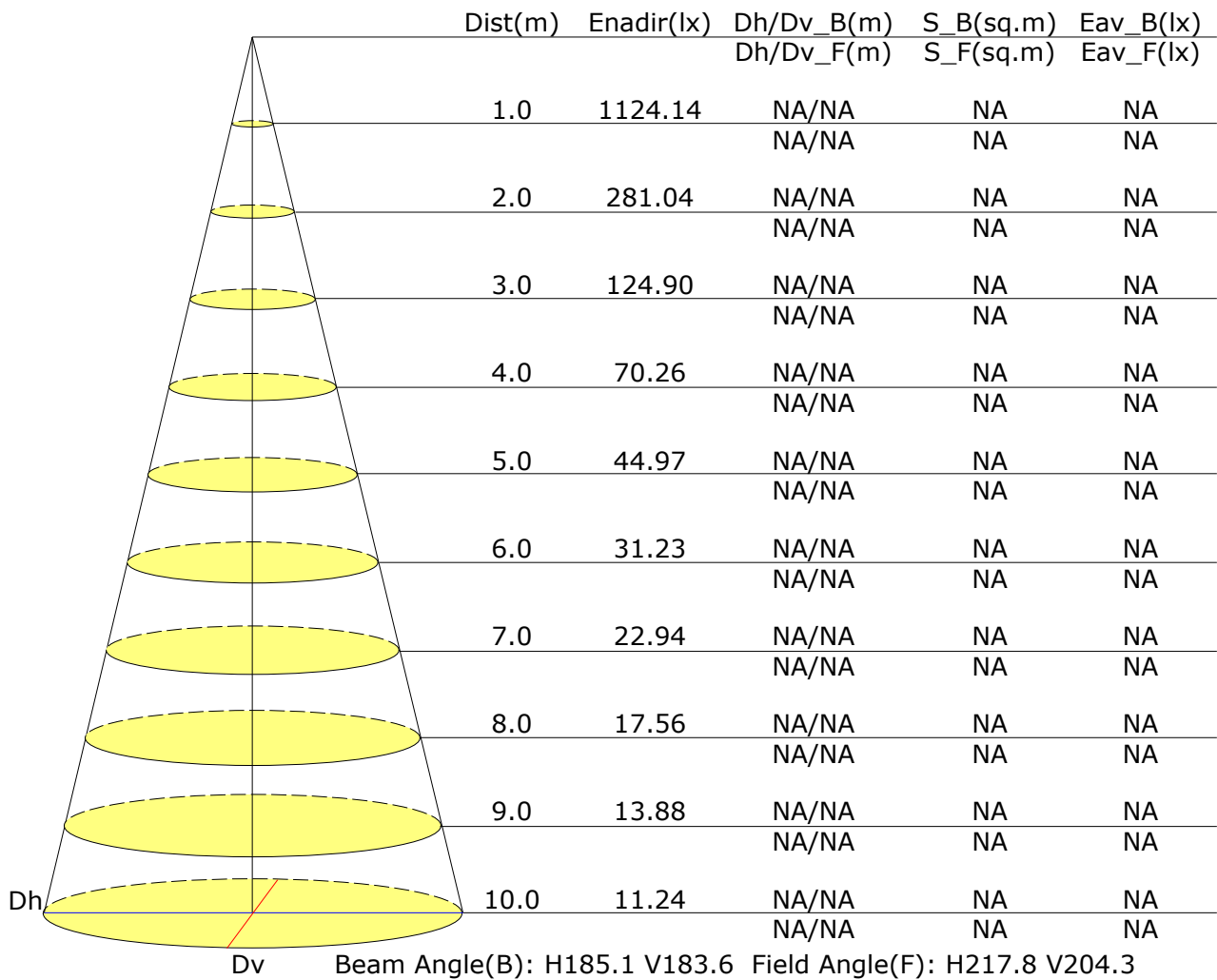
Efficiency(%)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

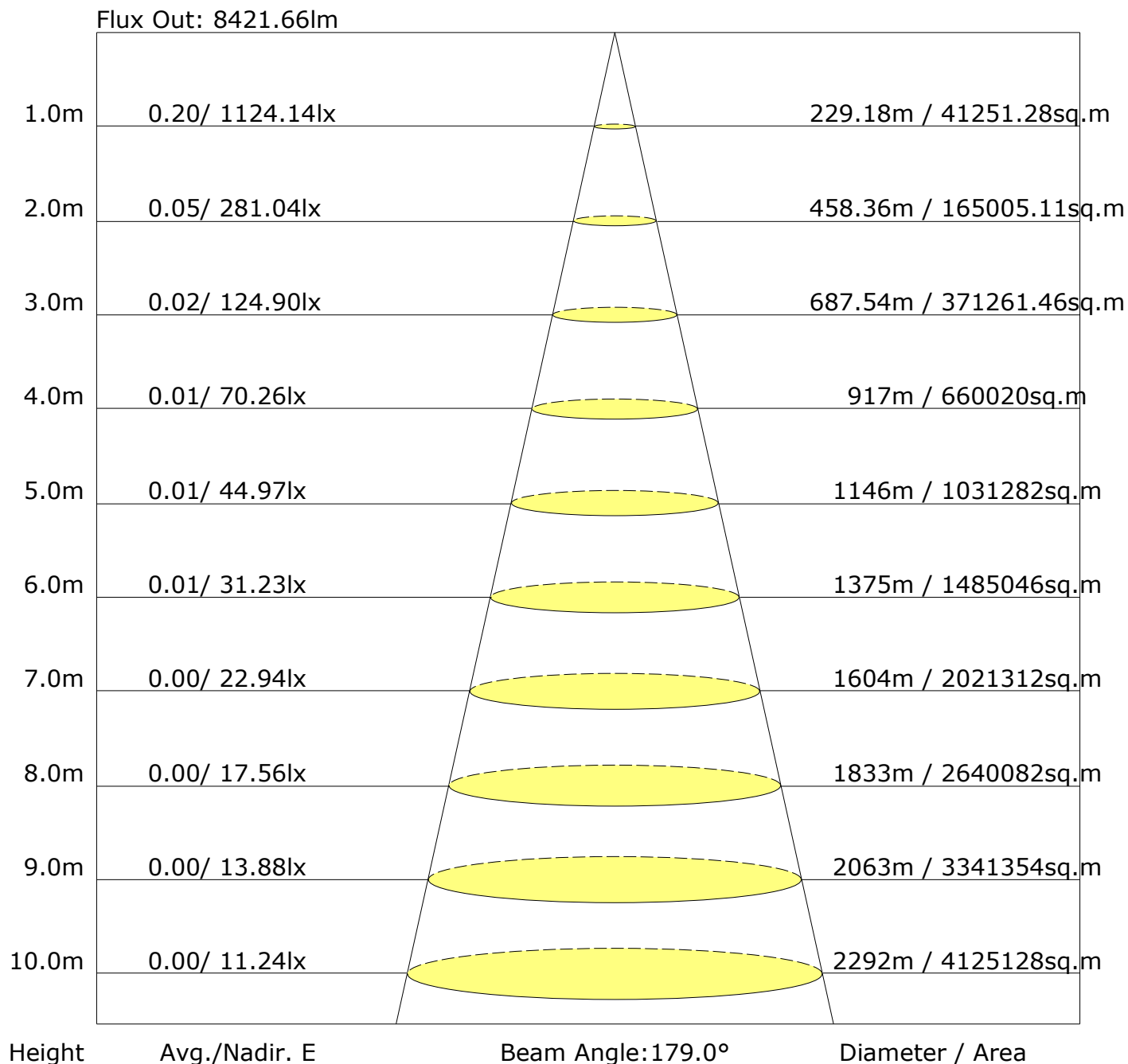
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

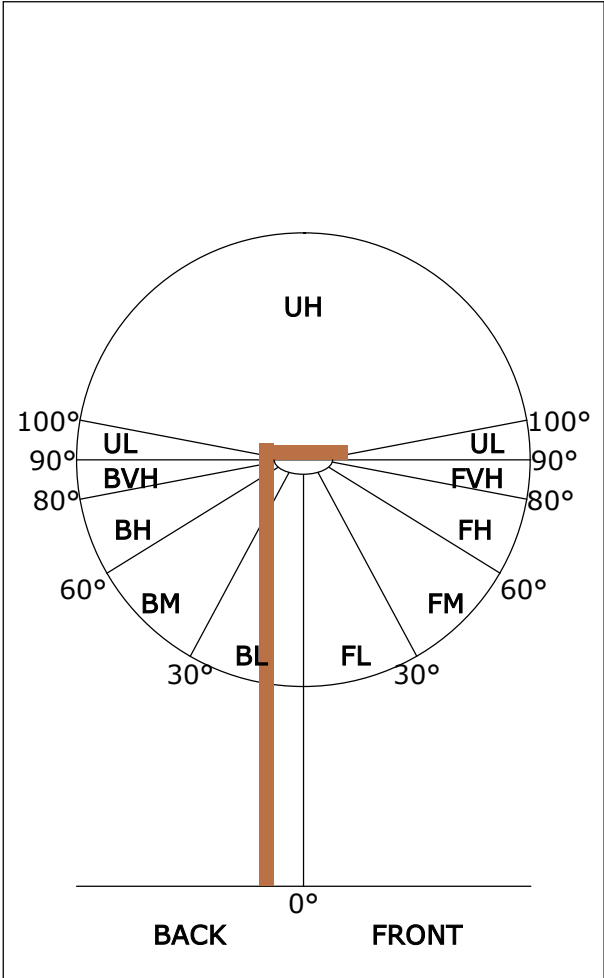
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 °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	4098	44.8
	FL (0°-30°)	553	6.0
	FM (30°-60°)	1591	17.4
	FH (60°-80°)	1339	14.6
	FVH (80°-90°)	614	6.7
	BACK LIGHT	4111	44.9
	BL (0°-30°)	551	6.0
	BM (30°-60°)	1592	17.4
	BH (60°-80°)	1333	14.6
	BVH (80°-90°)	634	6.9
	UP LIGHT	947	10.3
	UL (90°-100°)	575	6.3
	UH (100°-180°)	372	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: 25.6 'C
Operator:

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

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1124.1	1.1	1.1	0.01	0.01
1.0-2.0	1123.8	3.2	4.3	0.04	0.05
2.0-3.0	1123.4	5.4	9.7	0.06	0.11
3.0-4.0	1123.4	7.5	17.2	0.08	0.19
4.0-5.0	1124.2	9.7	26.9	0.11	0.29
5.0-6.0	1126.3	11.8	38.7	0.13	0.42
6.0-7.0	1129.4	14.0	52.7	0.15	0.58
7.0-8.0	1133.6	16.2	69.0	0.18	0.75
8.0-9.0	1139.1	18.5	87.4	0.20	0.95
9.0-10.0	1146.1	20.7	108.2	0.23	1.18
10.0-11.0	1154.8	23.1	131.2	0.25	1.43
11.0-12.0	1165.4	25.5	156.7	0.28	1.71
12.0-13.0	1177.8	28.0	184.7	0.31	2.02
13.0-14.0	1192.1	30.5	215.2	0.33	2.35
14.0-15.0	1207.8	33.2	248.4	0.36	2.71
15.0-16.0	1224.7	35.9	284.2	0.39	3.10
16.0-17.0	1242.8	38.7	323.0	0.42	3.53
17.0-18.0	1261.0	41.6	364.5	0.45	3.98
18.0-19.0	1279.7	44.5	409.1	0.49	4.47
19.0-20.0	1298.6	47.5	456.6	0.52	4.99
20.0-21.0	1317.4	50.6	507.2	0.55	5.54
21.0-22.0	1335.7	53.7	560.9	0.59	6.13
22.0-23.0	1353.8	56.8	617.7	0.62	6.75
23.0-24.0	1371.6	60.0	677.7	0.66	7.40
24.0-25.0	1388.9	63.2	740.8	0.69	8.09
25.0-26.0	1405.9	66.4	807.2	0.72	8.82
26.0-27.0	1422.1	69.6	876.8	0.76	9.58
27.0-28.0	1437.4	72.8	949.6	0.79	10.37
28.0-29.0	1451.8	76.0	1025.5	0.83	11.20
29.0-30.0	1464.9	79.1	1104.6	0.86	12.06
30.0-31.0	1476.0	82.2	1186.8	0.90	12.96
31.0-32.0	1484.7	85.1	1271.9	0.93	13.89
32.0-33.0	1490.4	87.8	1359.7	0.96	14.85
33.0-34.0	1493.4	90.4	1450.1	0.99	15.84
34.0-35.0	1493.8	92.8	1542.8	1.01	16.85
35.0-36.0	1492.0	95.0	1637.9	1.04	17.89

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	1488.5	97.1	1734.9	1.06	18.95
37.0-38.0	1483.0	99.0	1833.9	1.08	20.03
38.0-39.0	1475.1	100.7	1934.6	1.10	21.13
39.0-40.0	1465.2	102.2	2036.8	1.12	22.25
40.0-41.0	1454.1	103.6	2140.4	1.13	23.38
41.0-42.0	1440.9	104.7	2245.1	1.14	24.52
42.0-43.0	1426.2	105.7	2350.8	1.15	25.67
43.0-44.0	1410.7	106.5	2457.2	1.16	26.84
44.0-45.0	1395.1	107.2	2564.5	1.17	28.01
45.0-46.0	1380.5	108.0	2672.4	1.18	29.19
46.0-47.0	1367.3	108.8	2781.2	1.19	30.37
47.0-48.0	1356.0	109.6	2890.8	1.20	31.57
48.0-49.0	1347.4	110.7	3001.5	1.21	32.78
49.0-50.0	1340.2	111.8	3113.3	1.22	34.00
50.0-51.0	1334.2	112.9	3226.2	1.23	35.23
51.0-52.0	1329.0	114.1	3340.2	1.25	36.48
52.0-53.0	1324.0	115.2	3455.4	1.26	37.74
53.0-54.0	1318.2	116.2	3571.6	1.27	39.01
54.0-55.0	1311.7	117.1	3688.7	1.28	40.29
55.0-56.0	1305.5	118.0	3806.7	1.29	41.57
56.0-57.0	1300.3	118.9	3925.6	1.30	42.87
57.0-58.0	1296.6	119.9	4045.5	1.31	44.18
58.0-59.0	1293.8	121.0	4166.5	1.32	45.50
59.0-60.0	1291.4	122.0	4288.5	1.33	46.84
60.0-61.0	1288.1	122.9	4411.4	1.34	48.18
61.0-62.0	1283.6	123.7	4535.1	1.35	49.53
62.0-63.0	1278.0	124.3	4659.5	1.36	50.89
63.0-64.0	1271.5	124.8	4784.2	1.36	52.25
64.0-65.0	1266.2	125.3	4909.6	1.37	53.62
65.0-66.0	1262.7	126.0	5035.6	1.38	55.00
66.0-67.0	1260.8	126.8	5162.4	1.38	56.38
67.0-68.0	1260.8	127.7	5290.1	1.40	57.78
68.0-69.0	1263.0	128.9	5419.0	1.41	59.18
69.0-70.0	1267.3	130.2	5549.1	1.42	60.60
70.0-71.0	1274.4	131.7	5680.9	1.44	62.04
71.0-72.0	1285.3	133.7	5814.6	1.46	63.50

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

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	1300.5	136.0	5950.6	1.49	64.99
73.0-74.0	1318.6	138.6	6089.2	1.51	66.50
74.0-75.0	1337.5	141.3	6230.5	1.54	68.05
75.0-76.0	1354.8	143.8	6374.4	1.57	69.62
76.0-77.0	1367.4	145.8	6520.2	1.59	71.21
77.0-78.0	1373.3	147.0	6667.2	1.61	72.82
78.0-79.0	1370.7	147.3	6814.5	1.61	74.42
79.0-80.0	1359.1	146.5	6961.0	1.60	76.02
80.0-81.0	1339.1	144.8	7105.9	1.58	77.61
81.0-82.0	1311.3	142.2	7248.1	1.55	79.16
82.0-83.0	1276.3	138.8	7386.9	1.52	80.67
83.0-84.0	1234.5	134.5	7521.4	1.47	82.14
84.0-85.0	1187.3	129.6	7651.0	1.42	83.56
85.0-86.0	1135.3	124.1	7775.1	1.36	84.91
86.0-87.0	1080.2	118.2	7893.3	1.29	86.21
87.0-88.0	1022.3	112.0	8005.3	1.22	87.43
88.0-89.0	961.0	105.3	8110.7	1.15	88.58
89.0-90.0	896.0	98.3	8208.9	1.07	89.65
90.0-91.0	826.9	90.7	8299.6	0.99	90.64
91.0-92.0	748.9	82.1	8381.7	0.90	91.54
92.0-93.0	660.6	72.4	8454.1	0.79	92.33
93.0-94.0	576.5	63.1	8517.2	0.69	93.02
94.0-95.0	511.9	56.0	8573.1	0.61	93.63
95.0-96.0	465.8	50.8	8624.0	0.56	94.19
96.0-97.0	425.6	46.4	8670.4	0.51	94.69
97.0-98.0	386.2	42.0	8712.3	0.46	95.15
98.0-99.0	349.6	37.9	8750.3	0.41	95.56
99.0-100.0	315.5	34.1	8784.4	0.37	95.94
100.0-101.0	284.8	30.7	8815.1	0.34	96.27
101.0-102.0	257.7	27.7	8842.8	0.30	96.58
102.0-103.0	233.5	25.0	8867.8	0.27	96.85
103.0-104.0	213.4	22.8	8890.6	0.25	97.10
104.0-105.0	195.3	20.7	8911.3	0.23	97.32
105.0-106.0	177.7	18.8	8930.1	0.21	97.53
106.0-107.0	162.0	17.0	8947.1	0.19	97.71
107.0-108.0	148.1	15.5	8962.6	0.17	97.88

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	135.7	14.1	8976.7	0.15	98.04
109.0-110.0	124.7	12.9	8989.6	0.14	98.18
110.0-111.0	115.3	11.8	9001.4	0.13	98.31
111.0-112.0	107.3	10.9	9012.4	0.12	98.43
112.0-113.0	100.4	10.2	9022.6	0.11	98.54
113.0-114.0	94.5	9.5	9032.1	0.10	98.64
114.0-115.0	89.2	8.9	9041.0	0.10	98.74
115.0-116.0	84.6	8.4	9049.3	0.09	98.83
116.0-117.0	80.5	7.9	9057.2	0.09	98.92
117.0-118.0	76.9	7.5	9064.7	0.08	99.00
118.0-119.0	73.7	7.1	9071.8	0.08	99.08
119.0-120.0	70.9	6.8	9078.6	0.07	99.15
120.0-121.0	68.6	6.5	9085.1	0.07	99.22
121.0-122.0	66.5	6.2	9091.3	0.07	99.29
122.0-123.0	64.6	6.0	9097.3	0.07	99.35
123.0-124.0	62.6	5.7	9103.0	0.06	99.42
124.0-125.0	60.6	5.5	9108.5	0.06	99.48
125.0-126.0	58.7	5.2	9113.7	0.06	99.53
126.0-127.0	56.4	5.0	9118.7	0.05	99.59
127.0-128.0	53.8	4.7	9123.4	0.05	99.64
128.0-129.0	50.4	4.3	9127.7	0.05	99.69
129.0-130.0	45.7	3.9	9131.6	0.04	99.73
130.0-131.0	40.5	3.4	9134.9	0.04	99.77
131.0-132.0	36.2	3.0	9137.9	0.03	99.80
132.0-133.0	32.8	2.7	9140.6	0.03	99.83
133.0-134.0	29.6	2.4	9142.9	0.03	99.85
134.0-135.0	26.0	2.0	9144.9	0.02	99.88
135.0-136.0	22.1	1.7	9146.6	0.02	99.89
136.0-137.0	17.9	1.4	9148.0	0.01	99.91
137.0-138.0	13.6	1.0	9149.0	0.01	99.92
138.0-139.0	9.9	0.7	9149.7	0.01	99.93
139.0-140.0	7.1	0.5	9150.2	0.01	99.93
140.0-141.0	5.4	0.4	9150.6	0.00	99.94
141.0-142.0	4.6	0.3	9150.9	0.00	99.94
142.0-143.0	4.3	0.3	9151.2	0.00	99.94
143.0-144.0	4.1	0.3	9151.5	0.00	99.95

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	4.0	0.3	9151.7	0.00	99.95
145.0-146.0	4.0	0.2	9152.0	0.00	99.95
146.0-147.0	4.0	0.2	9152.2	0.00	99.95
147.0-148.0	4.0	0.2	9152.4	0.00	99.96
148.0-149.0	4.1	0.2	9152.7	0.00	99.96
149.0-150.0	4.2	0.2	9152.9	0.00	99.96
150.0-151.0	4.2	0.2	9153.1	0.00	99.96
151.0-152.0	4.1	0.2	9153.4	0.00	99.97
152.0-153.0	4.2	0.2	9153.6	0.00	99.97
153.0-154.0	4.2	0.2	9153.8	0.00	99.97
154.0-155.0	4.1	0.2	9154.0	0.00	99.97
155.0-156.0	4.1	0.2	9154.2	0.00	99.98
156.0-157.0	4.2	0.2	9154.3	0.00	99.98
157.0-158.0	4.1	0.2	9154.5	0.00	99.98
158.0-159.0	4.0	0.2	9154.7	0.00	99.98
159.0-160.0	4.0	0.2	9154.8	0.00	99.98
160.0-161.0	4.1	0.1	9155.0	0.00	99.98
161.0-162.0	4.0	0.1	9155.1	0.00	99.99
162.0-163.0	4.1	0.1	9155.2	0.00	99.99
163.0-164.0	4.2	0.1	9155.4	0.00	99.99
164.0-165.0	4.1	0.1	9155.5	0.00	99.99
165.0-166.0	4.1	0.1	9155.6	0.00	99.99
166.0-167.0	4.1	0.1	9155.7	0.00	99.99
167.0-168.0	4.2	0.1	9155.8	0.00	99.99
168.0-169.0	4.2	0.1	9155.9	0.00	99.99
169.0-170.0	4.1	0.1	9156.0	0.00	100.00
170.0-171.0	4.1	0.1	9156.1	0.00	100.00
171.0-172.0	4.1	0.1	9156.1	0.00	100.00
172.0-173.0	4.1	0.1	9156.2	0.00	100.00
173.0-174.0	4.1	0.1	9156.2	0.00	100.00
174.0-175.0	4.1	0.0	9156.3	0.00	100.00
175.0-176.0	4.0	0.0	9156.3	0.00	100.00
176.0-177.0	4.0	0.0	9156.3	0.00	100.00
177.0-178.0	3.9	0.0	9156.4	0.00	100.00
178.0-179.0	3.8	0.0	9156.4	0.00	100.00
179.0-180.0	3.8	0.0	9156.4	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

Zonal Lumen (Continue 5)

cone flux(90°): 2564.47 lm

%lum = 28.0%

%lamp = 28.0%

cone flux(120°): 4288.51 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	1124.1	1124.1	1124.1	1124.1	1124.1	1124.1	1124.1	1124.1	1124.1	1124.1
G1.0	1124.5	1122.8	1123.3	1123.4	1123.0	1124.7	1122.8	1123.3	1123.9	1123.9
G2.0	1122.8	1121.5	1122.9	1122.2	1122.7	1124.1	1121.7	1122.2	1123.3	1124.5
G3.0	1121.2	1120.1	1121.0	1120.5	1122.0	1123.1	1120.1	1122.3	1125.0	1124.7
G4.0	1118.9	1118.0	1119.1	1120.6	1123.6	1124.7	1120.7	1122.2	1125.3	1125.2
G5.0	1119.0	1116.6	1118.9	1122.6	1129.6	1126.7	1121.0	1122.5	1128.1	1127.9
G6.0	1118.8	1117.0	1119.0	1126.9	1133.3	1130.8	1123.4	1124.6	1129.8	1131.4
G7.0	1120.7	1118.5	1121.4	1130.0	1140.7	1136.2	1127.5	1126.5	1133.3	1135.2
G8.0	1124.4	1120.1	1123.7	1136.8	1149.5	1143.3	1132.5	1129.5	1138.7	1139.3
G9.0	1127.8	1124.3	1129.2	1143.4	1158.2	1151.2	1138.7	1134.8	1146.3	1146.2
G10.0	1134.8	1129.5	1135.8	1153.8	1169.4	1160.5	1145.3	1142.5	1156.3	1153.6
G11.0	1143.1	1137.0	1143.5	1164.1	1182.6	1171.4	1153.9	1151.4	1169.0	1165.9
G12.0	1152.2	1146.0	1152.8	1176.4	1198.1	1186.3	1163.8	1163.1	1184.3	1180.1
G13.0	1164.0	1156.8	1166.2	1189.2	1214.9	1200.3	1176.6	1177.1	1204.0	1195.4
G14.0	1177.5	1170.4	1178.9	1205.7	1232.6	1217.0	1191.2	1194.1	1223.0	1213.2
G15.0	1193.3	1185.7	1189.9	1222.2	1251.7	1236.1	1207.9	1212.8	1240.2	1231.5
G16.0	1212.4	1203.4	1209.0	1240.7	1270.9	1254.2	1225.8	1232.2	1260.3	1249.9
G17.0	1229.8	1220.2	1225.5	1259.8	1291.6	1273.4	1246.3	1251.9	1277.4	1271.3
G18.0	1247.9	1240.5	1244.9	1275.9	1307.9	1290.3	1270.5	1270.1	1295.0	1290.4
G19.0	1264.0	1260.7	1266.9	1294.7	1324.9	1311.6	1292.9	1289.0	1311.5	1309.1
G20.0	1281.3	1283.1	1289.3	1311.9	1341.0	1329.9	1317.6	1307.7	1327.5	1325.6
G21.0	1297.1	1301.0	1314.1	1329.2	1357.3	1347.1	1343.3	1325.5	1342.6	1343.3
G22.0	1311.5	1319.6	1337.1	1344.8	1371.4	1366.4	1366.5	1342.8	1358.2	1360.4
G23.0	1327.1	1337.7	1359.5	1363.6	1389.5	1383.3	1390.5	1361.8	1374.1	1376.8
G24.0	1341.3	1353.8	1383.0	1378.9	1402.5	1401.6	1414.2	1378.0	1389.2	1393.3
G25.0	1353.3	1372.3	1407.3	1395.3	1415.8	1418.9	1436.7	1395.0	1402.3	1409.3
G26.0	1366.3	1389.4	1427.5	1411.1	1426.6	1434.6	1459.1	1412.4	1413.9	1423.3
G27.0	1375.8	1405.2	1450.6	1424.5	1437.3	1451.4	1480.6	1427.7	1424.3	1438.9
G28.0	1388.1	1420.0	1471.5	1439.5	1445.4	1466.7	1501.5	1439.9	1434.7	1454.7
G29.0	1395.8	1435.1	1491.6	1450.6	1452.3	1480.5	1521.7	1453.9	1443.8	1467.7
G30.0	1405.0	1449.4	1509.1	1461.5	1455.4	1491.2	1539.3	1467.9	1443.5	1479.0
G31.0	1410.7	1461.6	1529.5	1468.6	1454.3	1499.2	1559.2	1476.9	1439.9	1487.4
G32.0	1412.9	1472.8	1546.4	1472.5	1449.0	1502.8	1574.5	1481.3	1432.1	1493.4
G33.0	1411.1	1480.2	1561.5	1474.4	1439.1	1505.7	1589.1	1481.6	1422.8	1492.1
G34.0	1407.6	1486.4	1574.6	1473.9	1428.5	1505.4	1598.8	1479.6	1411.4	1489.4
G35.0	1400.6	1488.5	1586.3	1469.5	1414.2	1503.4	1607.6	1474.6	1395.5	1484.5
G36.0	1391.9	1489.3	1594.8	1465.0	1399.7	1499.6	1613.2	1470.5	1377.7	1478.3

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	1380.4	1489.6	1599.4	1458.3	1386.6	1491.6	1614.2	1464.9	1361.0	1471.9
G38.0	1368.8	1486.3	1603.9	1450.0	1370.4	1482.5	1614.4	1457.9	1342.9	1462.4
G39.0	1355.1	1482.2	1603.9	1439.1	1348.8	1469.7	1611.0	1447.8	1321.5	1452.3
G40.0	1339.9	1474.2	1603.2	1427.8	1325.4	1458.8	1607.6	1437.8	1303.1	1443.5
G41.0	1321.3	1465.5	1601.0	1411.2	1303.1	1443.1	1602.4	1427.8	1282.9	1431.1
G42.0	1300.1	1452.8	1596.3	1393.5	1284.0	1422.2	1592.1	1411.5	1263.1	1417.5
G43.0	1278.3	1439.5	1588.7	1376.6	1267.1	1402.6	1583.0	1396.5	1244.1	1400.8
G44.0	1257.0	1421.6	1579.8	1359.1	1249.9	1386.0	1571.2	1378.5	1226.1	1383.3
G45.0	1239.6	1402.3	1570.9	1344.5	1233.2	1372.6	1555.2	1363.2	1217.8	1365.8
G46.0	1224.7	1385.3	1554.7	1331.4	1222.7	1360.9	1536.3	1350.8	1214.5	1354.0
G47.0	1210.9	1369.5	1533.3	1322.9	1219.3	1354.1	1513.3	1341.0	1213.2	1345.2
G48.0	1201.4	1357.3	1509.6	1319.6	1222.6	1349.6	1488.7	1336.6	1213.5	1343.5
G49.0	1196.4	1350.9	1486.1	1319.1	1228.4	1351.7	1462.5	1334.9	1213.2	1346.1
G50.0	1195.2	1346.4	1460.1	1323.8	1230.3	1356.9	1439.5	1334.0	1213.4	1347.3
G51.0	1195.5	1343.6	1435.4	1330.1	1231.0	1360.6	1419.0	1335.1	1210.9	1349.0
G52.0	1196.6	1343.5	1418.0	1331.2	1229.5	1360.6	1402.4	1332.3	1207.8	1347.7
G53.0	1195.3	1342.9	1400.0	1331.3	1225.9	1356.9	1390.3	1331.0	1202.2	1343.7
G54.0	1191.0	1339.1	1386.0	1328.6	1222.7	1351.3	1377.7	1326.5	1195.8	1340.5
G55.0	1184.7	1335.2	1372.2	1323.2	1219.5	1347.2	1368.0	1322.5	1192.7	1336.3
G56.0	1179.0	1329.1	1362.7	1319.9	1215.3	1345.6	1359.2	1318.5	1190.3	1334.3
G57.0	1176.0	1322.7	1353.6	1315.6	1213.3	1342.6	1355.0	1315.7	1196.2	1332.0
G58.0	1171.6	1318.1	1347.5	1311.8	1213.7	1340.6	1354.6	1313.1	1198.5	1330.2
G59.0	1167.6	1312.0	1345.0	1309.1	1214.2	1336.9	1355.7	1311.0	1198.4	1327.2
G60.0	1165.3	1309.5	1342.9	1304.1	1211.5	1334.6	1356.3	1307.4	1194.7	1322.8
G61.0	1161.7	1305.2	1342.5	1300.4	1203.1	1327.7	1357.9	1300.0	1185.7	1315.6
G62.0	1159.2	1299.7	1344.7	1296.1	1195.6	1321.9	1360.9	1289.4	1175.4	1306.9
G63.0	1153.1	1294.7	1345.9	1289.7	1184.2	1314.2	1360.9	1279.4	1167.9	1297.9
G64.0	1150.6	1289.2	1348.1	1279.0	1173.4	1303.2	1359.7	1271.8	1160.7	1287.8
G65.0	1146.1	1286.6	1351.6	1272.2	1167.8	1296.3	1358.6	1266.9	1155.1	1279.9
G66.0	1142.1	1284.3	1354.6	1267.5	1162.6	1287.8	1359.7	1261.5	1148.9	1276.4
G67.0	1141.9	1282.5	1361.4	1260.7	1154.4	1281.2	1366.3	1258.8	1145.2	1272.4
G68.0	1144.0	1281.6	1371.9	1256.9	1149.0	1277.6	1379.3	1255.1	1141.0	1270.8
G69.0	1141.3	1279.4	1382.2	1253.8	1147.9	1278.1	1393.9	1257.5	1139.7	1269.8
G70.0	1140.1	1278.9	1396.0	1252.3	1151.9	1282.0	1415.0	1262.2	1141.7	1273.9
G71.0	1142.8	1283.1	1414.0	1258.1	1156.3	1291.5	1439.6	1275.6	1149.5	1286.1
G72.0	1149.6	1290.5	1437.0	1268.5	1164.5	1307.8	1463.6	1289.4	1165.4	1297.6
G73.0	1160.6	1303.2	1461.7	1284.1	1178.2	1324.8	1492.3	1304.3	1187.2	1315.2

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	1170.9	1318.6	1487.4	1303.2	1196.9	1342.4	1511.8	1322.4	1212.7	1335.3
G75.0	1185.0	1333.4	1511.9	1320.6	1219.9	1358.3	1523.9	1337.4	1240.9	1349.9
G76.0	1202.9	1349.0	1524.9	1337.0	1242.2	1369.3	1528.1	1345.5	1260.7	1365.6
G77.0	1223.2	1357.9	1527.3	1351.3	1263.3	1377.0	1516.6	1347.5	1270.7	1372.7
G78.0	1243.3	1363.1	1517.1	1357.4	1278.6	1377.7	1492.9	1342.7	1268.5	1370.1
G79.0	1254.1	1361.7	1492.4	1353.6	1280.7	1367.6	1455.9	1332.0	1260.9	1361.4
G80.0	1257.9	1351.7	1456.8	1339.8	1275.5	1349.4	1403.8	1317.2	1250.1	1345.5
G81.0	1255.8	1333.5	1401.9	1319.0	1263.2	1326.0	1346.5	1289.3	1238.4	1321.5
G82.0	1244.5	1308.5	1346.2	1294.8	1245.2	1292.1	1271.5	1258.2	1218.9	1291.8
G83.0	1227.7	1274.9	1273.7	1264.1	1222.4	1251.8	1204.6	1215.8	1192.0	1250.4
G84.0	1204.7	1235.0	1203.4	1224.3	1192.9	1209.9	1129.0	1172.2	1158.7	1206.3
G85.0	1174.2	1191.5	1127.1	1181.4	1159.9	1163.3	1054.9	1125.4	1119.0	1157.5
G86.0	1139.1	1140.3	1050.7	1131.5	1118.4	1109.1	979.0	1072.7	1075.1	1106.5
G87.0	1096.8	1085.0	979.2	1082.6	1078.5	1052.4	902.0	1013.8	1028.7	1048.4
G88.0	1051.7	1025.0	903.3	1023.4	1026.8	992.6	833.7	950.5	972.1	987.5
G89.0	995.6	968.5	836.2	963.1	970.6	924.1	763.1	886.5	911.8	920.4
G90.0	938.0	900.7	769.0	900.3	911.1	863.4	699.8	818.0	849.6	850.9
G91.0	875.3	835.3	704.3	827.7	846.1	795.9	637.5	753.9	782.4	774.9
G92.0	808.1	765.4	642.7	765.9	776.6	727.5	581.0	687.7	709.9	711.0
G93.0	736.6	694.3	580.5	694.2	543.4	664.8	524.2	629.2	642.0	648.9
G94.0	672.5	630.5	527.3	629.2	226.2	596.8	472.7	566.5	579.9	589.4
G95.0	608.1	572.5	478.4	568.3	85.6	539.8	430.2	510.0	527.4	528.5
G96.0	552.0	524.4	432.5	510.9	157.7	485.5	391.0	463.2	479.3	476.5
G97.0	501.2	473.6	389.0	462.3	178.6	438.5	357.5	413.4	434.4	429.3
G98.0	461.7	432.2	354.3	413.6	169.7	392.9	326.7	372.5	400.0	386.9
G99.0	418.5	390.7	323.4	370.2	155.3	348.3	297.8	335.6	363.6	345.8
G100.0	381.5	347.3	294.4	328.1	141.8	310.2	271.5	299.8	330.5	311.8
G101.0	347.4	312.5	270.6	292.4	128.1	281.8	250.9	268.0	298.8	281.2
G102.0	315.4	280.9	249.0	261.5	117.1	254.0	230.0	243.1	269.5	254.6
G103.0	286.0	253.5	227.8	234.0	104.5	228.6	211.8	218.7	243.1	228.3
G104.0	258.6	230.5	206.3	213.5	96.8	207.8	191.6	197.7	216.0	207.2
G105.0	231.8	206.3	187.4	192.0	115.3	188.5	175.0	179.1	194.1	188.9
G106.0	209.1	186.5	170.3	174.1	120.9	171.3	161.0	161.3	174.9	170.4
G107.0	190.3	170.2	155.5	157.9	102.8	154.3	149.1	146.6	157.7	154.7
G108.0	173.3	156.2	144.2	144.2	104.2	140.1	140.0	134.0	140.9	139.9
G109.0	157.6	141.7	134.0	129.7	100.5	127.1	130.5	122.5	126.9	125.7
G110.0	144.5	130.3	126.0	118.2	93.4	115.9	123.0	112.9	115.8	113.7

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	133.5	121.1	119.5	109.1	86.9	106.6	114.9	103.9	105.2	104.7
G112.0	125.7	113.8	112.8	100.2	81.2	97.2	107.9	96.4	97.9	97.1
G113.0	120.1	107.8	106.9	92.4	76.4	90.0	101.6	89.0	91.8	89.8
G114.0	115.8	103.0	101.5	86.3	72.9	83.3	94.9	82.8	86.9	82.8
G115.0	113.0	98.7	97.0	79.2	69.4	77.5	88.3	77.4	82.6	77.0
G116.0	110.1	94.5	91.9	74.8	65.9	73.4	82.3	73.0	79.4	72.0
G117.0	106.9	91.1	87.0	70.8	63.5	69.6	75.6	69.8	77.0	67.8
G118.0	104.4	87.7	81.6	68.0	61.9	67.2	69.5	66.2	73.9	64.4
G119.0	101.7	84.9	76.0	65.5	60.3	65.3	63.4	64.0	72.6	61.6
G120.0	98.2	83.2	71.0	64.0	59.2	63.6	58.3	62.0	71.3	59.8
G121.0	95.7	80.8	66.4	62.6	58.9	62.3	54.5	60.5	71.1	58.4
G122.0	92.7	78.9	61.8	61.5	58.2	61.7	50.2	59.3	71.7	57.1
G123.0	89.6	75.9	56.5	60.9	59.0	60.3	46.5	59.1	72.0	56.1
G124.0	87.1	72.2	52.9	59.8	59.2	59.1	43.5	58.7	72.7	54.0
G125.0	85.1	68.8	48.8	59.3	59.4	58.8	39.9	58.8	73.4	54.3
G126.0	81.6	65.9	43.6	59.0	59.5	58.7	36.5	59.2	72.1	54.5
G127.0	76.8	62.3	38.3	57.7	59.9	57.5	33.0	58.1	70.8	53.9
G128.0	72.4	57.2	33.9	56.0	60.1	56.9	28.9	55.3	69.6	51.6
G129.0	67.9	53.1	27.8	54.0	57.6	52.7	22.0	52.9	63.3	49.8
G130.0	55.3	48.6	21.2	49.4	55.1	48.7	12.3	49.1	50.9	45.9
G131.0	48.2	44.1	11.2	45.8	51.0	45.4	7.4	44.6	46.4	41.8
G132.0	44.7	39.9	7.4	42.7	46.4	41.8	6.7	40.8	42.3	37.6
G133.0	40.7	35.4	6.2	39.0	44.5	39.1	5.5	37.1	39.3	33.8
G134.0	36.9	30.5	5.5	36.1	41.0	34.7	5.4	31.3	35.8	29.2
G135.0	33.6	24.9	5.0	30.3	39.1	29.0	5.2	25.2	32.1	23.2
G136.0	29.1	20.2	5.4	24.8	34.6	22.6	5.1	18.8	26.6	16.5
G137.0	25.1	15.7	4.7	17.3	28.5	14.7	4.9	13.0	20.5	10.5
G138.0	21.4	11.6	4.0	9.3	23.3	6.4	4.8	7.0	15.4	5.5
G139.0	16.8	6.7	5.1	5.1	16.3	5.2	3.3	4.9	10.8	4.2
G140.0	12.8	4.5	4.1	4.7	8.9	5.0	4.3	3.8	4.3	3.4
G141.0	8.0	4.2	4.1	4.8	4.7	4.1	4.5	4.3	3.3	3.1
G142.0	4.6	4.4	4.6	4.1	4.5	4.9	4.8	4.3	2.8	3.5
G143.0	4.2	3.7	4.0	4.8	4.6	5.0	4.6	4.2	2.4	3.2
G144.0	3.5	4.2	4.5	4.5	4.5	4.6	4.2	4.3	2.4	3.6
G145.0	2.7	4.0	4.5	4.6	4.5	4.5	4.6	3.7	2.8	3.1
G146.0	3.5	4.1	4.2	4.9	4.2	3.8	3.7	4.0	2.3	3.2
G147.0	2.6	4.0	3.9	4.8	4.6	4.0	4.7	4.5	3.1	3.4

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	3.5	4.1	4.5	4.7	3.9	4.6	4.4	3.6	2.9	3.2
G149.0	2.7	3.8	4.5	4.3	4.1	4.8	4.6	4.8	2.8	3.3
G150.0	3.1	4.0	4.7	4.5	4.3	4.6	5.1	4.5	2.5	3.3
G151.0	3.6	4.2	4.9	4.2	3.9	4.9	4.5	4.3	2.8	3.6
G152.0	3.9	3.7	4.5	3.6	3.9	4.7	4.4	4.0	3.0	3.2
G153.0	3.5	4.0	4.7	4.8	4.4	4.5	4.7	4.6	2.8	3.6
G154.0	3.2	3.5	4.4	4.4	4.2	5.0	4.9	4.4	2.9	3.5
G155.0	3.3	3.8	4.7	4.9	4.4	3.9	4.8	4.1	2.8	2.3
G156.0	3.8	3.9	4.0	4.8	4.6	4.9	4.3	4.6	2.8	3.1
G157.0	3.4	4.0	4.5	3.8	4.6	4.9	4.4	4.3	2.7	3.3
G158.0	3.6	3.8	4.8	4.5	4.1	4.8	4.0	4.0	3.0	3.3
G159.0	3.5	3.5	4.3	4.2	4.6	5.0	3.7	4.5	3.0	2.0
G160.0	3.1	4.3	4.7	4.6	4.2	4.6	4.6	4.4	2.6	3.3
G161.0	3.0	4.1	4.4	3.5	3.8	4.4	4.4	4.6	2.5	3.6
G162.0	3.3	3.3	4.1	4.7	4.3	3.9	4.5	4.4	1.9	2.4
G163.0	3.6	3.7	4.3	4.8	3.9	4.2	4.9	4.5	2.7	3.7
G164.0	3.2	3.7	4.4	4.7	4.5	4.7	4.8	4.6	2.7	3.7
G165.0	3.3	3.8	4.9	4.8	3.8	4.5	4.7	3.6	2.6	3.1
G166.0	3.7	4.2	4.5	4.4	4.3	4.9	4.6	4.3	2.9	3.8
G167.0	3.6	3.7	3.9	4.7	4.2	4.4	4.5	4.3	2.6	3.6
G168.0	3.4	4.2	4.4	4.4	3.7	5.0	4.7	4.8	2.6	3.9
G169.0	3.6	4.3	3.8	3.6	4.5	4.5	4.8	3.9	3.0	3.1
G170.0	3.1	3.3	4.8	3.4	4.1	4.7	4.6	3.7	3.1	3.8
G171.0	1.7	4.0	4.4	4.8	3.5	4.6	4.4	4.3	2.5	3.9
G172.0	3.7	3.7	4.5	4.8	4.4	4.7	4.6	2.9	3.0	3.6
G173.0	3.7	3.8	3.6	4.3	4.2	4.6	3.6	4.5	2.4	3.6
G174.0	3.7	4.1	4.7	4.0	4.3	3.4	4.1	4.8	2.6	4.0
G175.0	3.6	3.9	3.9	3.9	4.6	4.8	4.0	4.1	2.7	3.6
G176.0	3.5	4.1	3.7	4.5	4.4	4.3	3.8	3.4	3.2	3.4
G177.0	3.1	3.4	4.5	4.3	3.9	4.7	4.4	3.9	3.4	3.5
G178.0	3.5	2.6	3.5	4.2	4.2	3.5	3.7	4.8	2.4	3.8
G179.0	3.5	3.9	4.4	3.7	4.3	3.7	3.8	3.4	2.7	3.9
G180.0	3.1	3.8	3.7	3.9	3.4	4.6	4.6	4.2	2.5	3.1

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	1124.1	1124.1	1124.1	1124.1	1124.1	1124.1	1124.1			
G1.0	1125.3	1125.5	1125.1	1125.0	1124.4	1123.5	1124.5			
G2.0	1126.1	1125.4	1125.8	1125.1	1123.6	1122.8	1122.8			
G3.0	1126.6	1127.4	1126.7	1126.2	1123.3	1121.9	1121.2			
G4.0	1128.1	1128.4	1129.1	1127.4	1122.2	1121.8	1118.9			
G5.0	1130.0	1132.1	1133.3	1128.9	1122.3	1120.2	1119.0			
G6.0	1132.4	1136.0	1139.0	1133.6	1123.4	1121.2	1118.8			
G7.0	1137.2	1141.0	1144.0	1138.5	1125.7	1123.3	1120.7			
G8.0	1142.8	1147.4	1151.2	1142.9	1128.7	1125.8	1124.4			
G9.0	1149.6	1154.9	1157.7	1149.0	1133.3	1130.9	1127.8			
G10.0	1156.1	1162.1	1166.5	1155.5	1140.6	1137.3	1134.8			
G11.0	1165.7	1171.8	1177.6	1165.3	1147.9	1144.5	1143.1			
G12.0	1175.1	1183.2	1190.6	1176.3	1156.5	1154.1	1152.2			
G13.0	1187.5	1197.5	1204.3	1187.5	1165.6	1164.7	1164.0			
G14.0	1201.9	1212.0	1218.8	1201.9	1177.3	1180.1	1177.5			
G15.0	1218.3	1226.9	1235.5	1215.4	1190.8	1194.8	1193.3			
G16.0	1236.0	1243.7	1250.0	1230.9	1206.7	1212.4	1212.4			
G17.0	1256.9	1259.2	1266.3	1247.7	1223.1	1229.7	1229.8			
G18.0	1277.5	1275.6	1282.4	1262.7	1242.1	1249.5	1247.9			
G19.0	1298.1	1291.3	1301.5	1277.9	1262.3	1269.6	1264.0			
G20.0	1322.8	1308.9	1316.9	1293.9	1283.7	1287.6	1281.3			
G21.0	1346.5	1326.1	1333.0	1310.3	1306.1	1306.5	1297.1			
G22.0	1368.5	1344.0	1345.7	1325.6	1327.5	1323.6	1311.5			
G23.0	1390.3	1360.4	1359.3	1344.0	1350.4	1340.3	1327.1			
G24.0	1412.0	1376.6	1373.9	1358.1	1371.5	1355.7	1341.3			
G25.0	1432.4	1395.4	1388.1	1373.6	1393.2	1371.8	1353.3			
G26.0	1457.4	1411.9	1400.7	1389.4	1417.6	1386.3	1366.3			
G27.0	1476.0	1428.7	1412.9	1404.7	1437.9	1401.8	1375.8			
G28.0	1496.2	1443.8	1423.5	1421.0	1457.5	1415.4	1388.1			
G29.0	1514.1	1459.1	1432.8	1434.7	1477.2	1428.5	1395.8			
G30.0	1533.8	1474.2	1441.6	1448.3	1494.9	1443.2	1405.0			
G31.0	1551.4	1485.8	1445.8	1458.8	1513.5	1453.6	1410.7			
G32.0	1569.7	1496.4	1445.4	1470.4	1531.3	1463.3	1412.9			
G33.0	1583.7	1500.6	1443.5	1477.5	1546.8	1469.6	1411.1			
G34.0	1597.7	1503.2	1436.1	1479.7	1561.5	1474.9	1407.6			
G35.0	1606.6	1502.3	1425.8	1479.4	1575.9	1476.6	1400.6			
G36.0	1615.0	1501.3	1413.6	1478.8	1587.3	1475.1	1391.9			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	1620.4	1496.4	1400.3	1475.7	1594.4	1474.2	1380.4			
G38.0	1621.1	1491.4	1382.6	1470.4	1598.9	1471.5	1368.8			
G39.0	1617.6	1484.1	1361.3	1463.0	1601.7	1466.9	1355.1			
G40.0	1614.5	1473.0	1336.5	1453.4	1603.2	1459.7	1339.9			
G41.0	1610.0	1460.4	1317.2	1442.3	1601.6	1447.2	1321.3			
G42.0	1603.6	1444.1	1294.3	1430.1	1598.7	1435.8	1300.1			
G43.0	1595.2	1426.2	1270.7	1414.5	1596.0	1418.1	1278.3			
G44.0	1588.2	1403.5	1248.2	1398.7	1592.5	1399.4	1257.0			
G45.0	1578.3	1381.9	1229.9	1380.7	1583.8	1380.1	1239.6			
G46.0	1564.1	1363.2	1217.5	1361.4	1575.3	1360.7	1224.7			
G47.0	1544.3	1347.4	1210.2	1343.8	1560.4	1346.4	1210.9			
G48.0	1518.0	1341.2	1207.0	1333.2	1540.5	1335.9	1201.4			
G49.0	1487.5	1339.9	1205.7	1329.7	1515.8	1329.7	1196.4			
G50.0	1455.8	1341.2	1209.0	1328.0	1483.9	1324.9	1195.2			
G51.0	1428.6	1343.7	1215.3	1329.8	1453.0	1324.1	1195.5			
G52.0	1407.2	1345.6	1222.7	1330.8	1426.0	1322.8	1196.6			
G53.0	1388.8	1349.3	1223.3	1335.1	1403.9	1322.3	1195.3			
G54.0	1374.7	1349.5	1214.4	1339.5	1385.3	1317.4	1191.0			
G55.0	1362.1	1344.0	1204.8	1338.9	1369.8	1313.7	1184.7			
G56.0	1354.2	1335.5	1197.6	1332.8	1356.1	1310.0	1179.0			
G57.0	1349.5	1326.6	1196.6	1325.0	1346.4	1304.3	1176.0			
G58.0	1345.1	1319.5	1196.6	1317.5	1339.7	1300.7	1171.6			
G59.0	1344.9	1318.2	1198.1	1314.2	1335.5	1294.1	1167.6			
G60.0	1345.8	1315.4	1198.0	1313.7	1332.6	1288.5	1165.3			
G61.0	1350.0	1309.0	1193.4	1309.7	1331.4	1282.4	1161.7			
G62.0	1351.9	1297.4	1188.1	1302.5	1331.2	1277.4	1159.2			
G63.0	1351.0	1284.1	1179.0	1291.0	1333.6	1270.3	1153.1			
G64.0	1346.7	1273.3	1168.0	1280.9	1334.3	1265.7	1150.6			
G65.0	1345.4	1268.7	1158.2	1275.0	1335.7	1262.5	1146.1			
G66.0	1348.9	1265.7	1151.2	1272.4	1338.0	1259.1	1142.1			
G67.0	1357.4	1261.5	1147.1	1271.7	1344.4	1256.6	1141.9			
G68.0	1368.6	1256.4	1147.7	1270.6	1355.3	1256.6	1144.0			
G69.0	1380.7	1258.3	1153.8	1271.8	1369.2	1257.6	1141.3			
G70.0	1397.5	1261.3	1151.4	1272.9	1383.2	1258.5	1140.1			
G71.0	1420.2	1266.7	1145.7	1273.1	1398.3	1261.2	1142.8			
G72.0	1448.5	1273.9	1145.5	1279.1	1420.2	1268.0	1149.6			
G73.0	1482.6	1287.9	1151.1	1289.1	1444.8	1280.0	1160.6			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 'C
Operator:

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

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	1507.0	1304.6	1168.9	1300.4	1470.2	1295.2	1170.9			
G75.0	1524.7	1326.3	1198.4	1318.1	1491.1	1312.2	1185.0			
G76.0	1535.0	1346.1	1226.1	1337.3	1506.2	1324.8	1202.9			
G77.0	1539.0	1356.9	1249.4	1351.4	1513.5	1338.9	1223.2			
G78.0	1525.5	1363.7	1267.6	1362.4	1512.4	1346.6	1243.3			
G79.0	1498.5	1363.1	1274.9	1367.7	1498.9	1348.0	1254.1			
G80.0	1459.5	1354.9	1277.0	1363.1	1473.7	1342.6	1257.9			
G81.0	1407.2	1342.2	1274.4	1355.1	1431.4	1328.6	1255.8			
G82.0	1345.7	1320.4	1267.5	1335.3	1380.5	1307.8	1244.5			
G83.0	1277.7	1292.8	1253.3	1308.9	1321.9	1281.0	1227.7			
G84.0	1202.4	1253.3	1223.0	1273.8	1254.5	1248.8	1204.7			
G85.0	1125.9	1209.7	1193.0	1233.2	1181.7	1204.8	1174.2			
G86.0	1043.0	1162.0	1161.8	1180.2	1101.6	1156.7	1139.1			
G87.0	969.6	1113.1	1118.9	1130.3	1030.0	1108.2	1096.8			
G88.0	896.4	1050.1	1072.5	1077.0	960.3	1054.7	1051.7			
G89.0	822.7	986.3	1021.8	1016.3	889.3	996.4	995.6			
G90.0	742.0	912.8	963.3	942.4	812.0	926.4	938.0			
G91.0	673.5	838.3	855.4	867.2	740.3	854.1	875.3			
G92.0	610.9	768.6	494.8	798.2	677.4	778.0	808.1			
G93.0	552.8	698.1	167.8	731.2	617.1	710.4	736.6			
G94.0	496.0	634.8	125.2	660.9	556.5	647.4	672.5			
G95.0	448.2	576.1	200.4	600.1	505.5	590.0	608.1			
G96.0	405.3	519.6	200.4	544.0	457.8	537.2	552.0			
G97.0	367.3	461.9	185.0	491.3	414.0	483.2	501.2			
G98.0	331.2	415.0	169.2	438.0	372.5	440.0	461.7			
G99.0	302.3	371.8	155.0	393.7	339.9	400.0	418.5			
G100.0	276.4	326.6	142.6	351.2	310.8	360.9	381.5			
G101.0	254.2	290.2	130.7	313.4	286.1	322.2	347.4			
G102.0	232.1	258.6	119.1	279.4	261.8	290.9	315.4			
G103.0	213.8	231.2	124.0	247.0	240.9	263.1	286.0			
G104.0	196.9	207.0	162.1	222.1	220.7	238.6	258.6			
G105.0	180.2	187.8	134.3	201.1	199.5	214.2	231.8			
G106.0	164.0	171.0	120.2	181.1	181.0	195.1	209.1			
G107.0	151.2	155.8	117.9	165.0	164.4	176.6	190.3			
G108.0	141.0	141.4	109.0	149.9	150.1	160.1	173.3			
G109.0	132.0	128.3	99.2	135.8	139.0	145.0	157.6			
G110.0	123.6	118.0	91.8	122.5	131.1	133.3	144.5			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	116.7	109.1	85.1	112.9	123.5	123.2	133.5			
G112.0	110.2	100.5	80.1	105.5	116.5	114.5	125.7			
G113.0	104.2	94.0	76.4	98.0	110.6	107.7	120.1			
G114.0	97.1	88.2	73.2	91.1	105.4	102.5	115.8			
G115.0	90.7	82.1	70.3	85.2	100.5	98.6	113.0			
G116.0	84.2	78.2	68.4	80.3	95.3	95.1	110.1			
G117.0	78.4	75.0	67.3	75.6	90.1	92.3	106.9			
G118.0	72.5	72.8	66.0	72.9	85.1	89.0	104.4			
G119.0	66.6	70.8	65.3	70.5	80.1	86.9	101.7			
G120.0	61.6	69.0	64.4	68.9	74.7	84.7	98.2			
G121.0	57.2	67.8	64.0	67.3	70.3	82.7	95.7			
G122.0	53.2	66.6	63.3	66.0	65.6	80.1	92.7			
G123.0	49.5	65.7	63.1	64.5	61.6	77.3	89.6			
G124.0	46.1	64.5	62.0	63.4	56.8	73.2	87.1			
G125.0	42.5	62.0	61.3	61.2	52.8	69.2	85.1			
G126.0	39.1	59.7	60.5	58.5	48.1	66.0	81.6			
G127.0	35.0	58.5	59.1	56.9	42.5	63.4	76.8			
G128.0	30.3	56.6	57.1	55.4	37.5	59.0	72.4			
G129.0	25.9	54.2	55.9	52.6	32.3	54.5	67.9			
G130.0	18.5	51.8	54.7	50.1	25.2	50.3	55.3			
G131.0	10.1	49.8	52.4	47.9	17.5	46.1	48.2			
G132.0	6.3	46.0	50.5	44.8	9.1	41.3	44.7			
G133.0	4.8	42.2	47.6	41.6	7.0	37.3	40.7			
G134.0	4.7	36.8	43.6	35.6	5.7	32.6	36.9			
G135.0	4.2	30.9	40.2	30.1	4.7	27.5	33.6			
G136.0	4.0	25.3	34.9	24.8	5.5	23.1	29.1			
G137.0	3.8	19.8	30.7	19.2	5.2	18.0	25.1			
G138.0	4.2	14.2	25.6	13.5	4.7	13.3	21.4			
G139.0	4.3	7.3	21.0	6.7	5.0	9.0	16.8			
G140.0	4.3	5.0	16.0	5.0	3.8	5.4	12.8			
G141.0	3.9	4.6	10.2	4.6	4.4	5.2	8.0			
G142.0	4.0	4.7	5.1	4.0	4.7	4.3	4.6			
G143.0	4.1	4.6	4.9	4.0	4.4	4.1	4.2			
G144.0	3.7	4.6	4.0	4.0	4.0	5.0	3.5			
G145.0	4.1	4.5	2.1	4.9	4.5	4.8	2.7			
G146.0	3.8	4.8	4.1	3.7	3.9	4.7	3.5			
G147.0	2.7	4.5	4.0	4.6	4.7	4.3	2.6			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	3.5	3.9	4.4	4.4	4.1	5.0	3.5			
G149.0	3.9	4.6	4.3	4.6	3.8	4.8	2.7			
G150.0	4.0	4.6	4.6	4.6	4.8	4.3	3.1			
G151.0	4.1	3.4	4.5	4.5	4.5	4.9	3.6			
G152.0	3.8	4.5	4.7	4.5	4.4	4.6	3.9			
G153.0	4.0	4.7	4.3	4.2	4.7	4.0	3.5			
G154.0	3.6	4.3	4.7	4.3	4.8	4.2	3.2			
G155.0	4.0	4.0	4.5	4.6	4.9	4.5	3.3			
G156.0	3.7	4.3	4.3	4.8	4.8	3.8	3.8			
G157.0	3.9	4.3	4.8	4.6	4.6	4.4	3.4			
G158.0	3.8	4.1	4.4	4.4	4.4	4.8	3.6			
G159.0	4.1	3.7	4.6	3.4	4.1	4.7	3.5			
G160.0	3.6	4.5	3.7	4.5	4.8	4.8	3.1			
G161.0	4.1	4.3	4.3	4.1	4.7	4.5	3.0			
G162.0	3.8	4.5	4.3	4.6	4.6	4.6	3.3			
G163.0	4.0	4.7	4.3	4.1	4.9	4.4	3.6			
G164.0	4.2	4.3	4.6	4.1	4.9	3.1	3.2			
G165.0	4.0	4.5	4.3	3.1	4.7	4.8	3.3			
G166.0	3.8	4.6	3.9	4.8	4.1	4.3	3.7			
G167.0	3.6	4.4	4.5	4.3	4.6	4.0	3.6			
G168.0	4.0	4.6	4.8	4.7	5.0	4.8	3.4			
G169.0	4.0	4.4	3.9	4.8	4.6	4.5	3.6			
G170.0	3.8	4.9	4.0	4.6	4.7	5.0	3.1			
G171.0	3.9	4.5	4.5	4.4	4.6	4.4	1.7			
G172.0	3.5	5.2	4.9	4.6	4.3	4.8	3.7			
G173.0	4.2	5.0	4.8	3.2	4.4	4.8	3.7			
G174.0	3.0	4.2	4.5	4.8	4.7	4.9	3.7			
G175.0	3.0	4.3	4.4	4.5	4.2	4.4	3.6			
G176.0	3.9	4.2	4.5	4.5	4.3	4.6	3.5			
G177.0	3.9	3.9	3.5	4.4	4.7	4.3	3.1			
G178.0	4.5	3.7	4.8	2.8	4.1	4.6	3.5			
G179.0	3.5	4.1	4.5	3.2	4.6	4.3	3.5			
G180.0	3.8	3.7	3.9	3.4	4.6	4.6	3.1			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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