

Report No.: 7005B

Test Time: 2024/9/15 09:12

Luminaire Property

Luminaire Manufacturer: BBT LIGHTING
 Luminaire Category: OUTDOOR LAMP
 Luminaire Description: CITTA 335100

Luminous Length (mm): -105

Luminous Width (mm): -105

Current: 0.146 A
 Power Factor: 0.909

Voltage: 220.4 V
 Power: 29.24 W

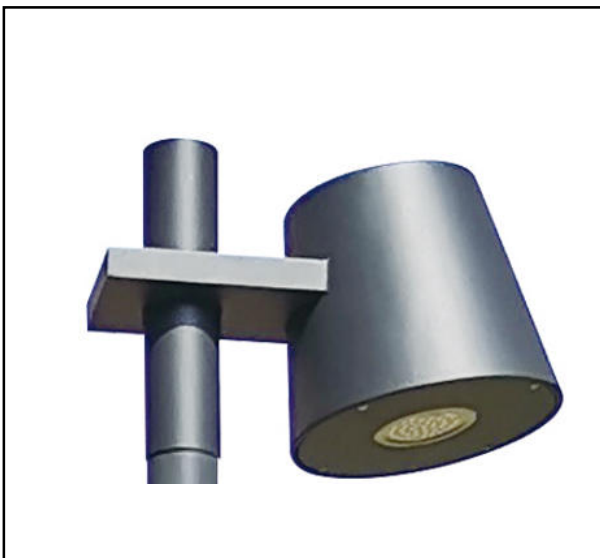
Photometric Results

CIE Class: Direct
 Measurement Flux: 3975.1 lm
 Downward Ratio: 99%
 Horizontal Diffuse Angle(50%): H99.9
 Vertical Diffuse Angle(50%): V100.7
 Luminaire Efficacy Rating (LER): 136.00
 Max. Intensity: 1886.67 cd
 S/MH(C0/C180): 1.21

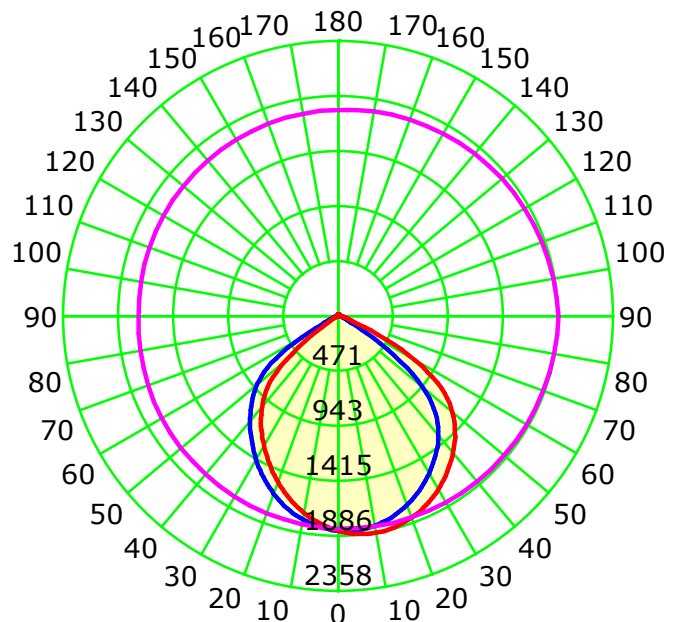
Total Rated Lamp Lumens: 3975.1 lm
 Efficiency: 100%
 Upward Ratio: 1%

C0r0 Intensity: 1841.44 cd
 Pos of Max. Intensity: H90 V10
 S/MH(C90/C270): 1.21

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

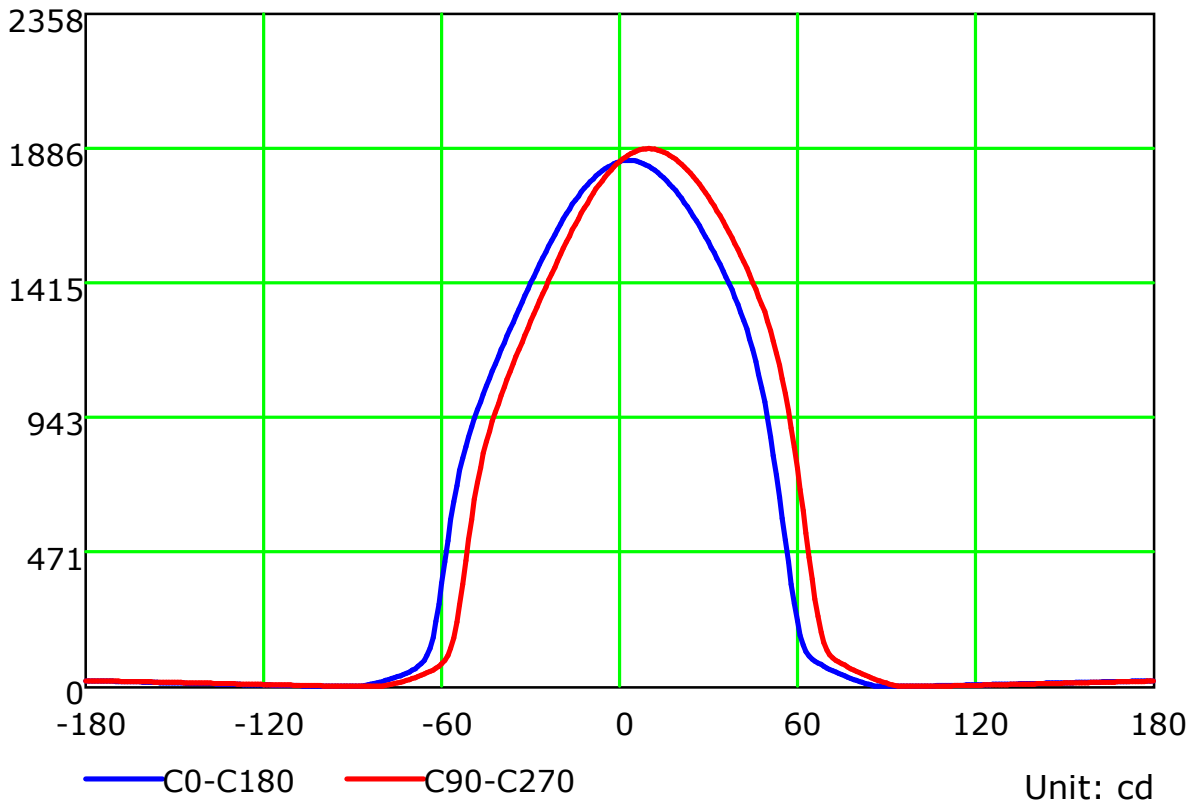
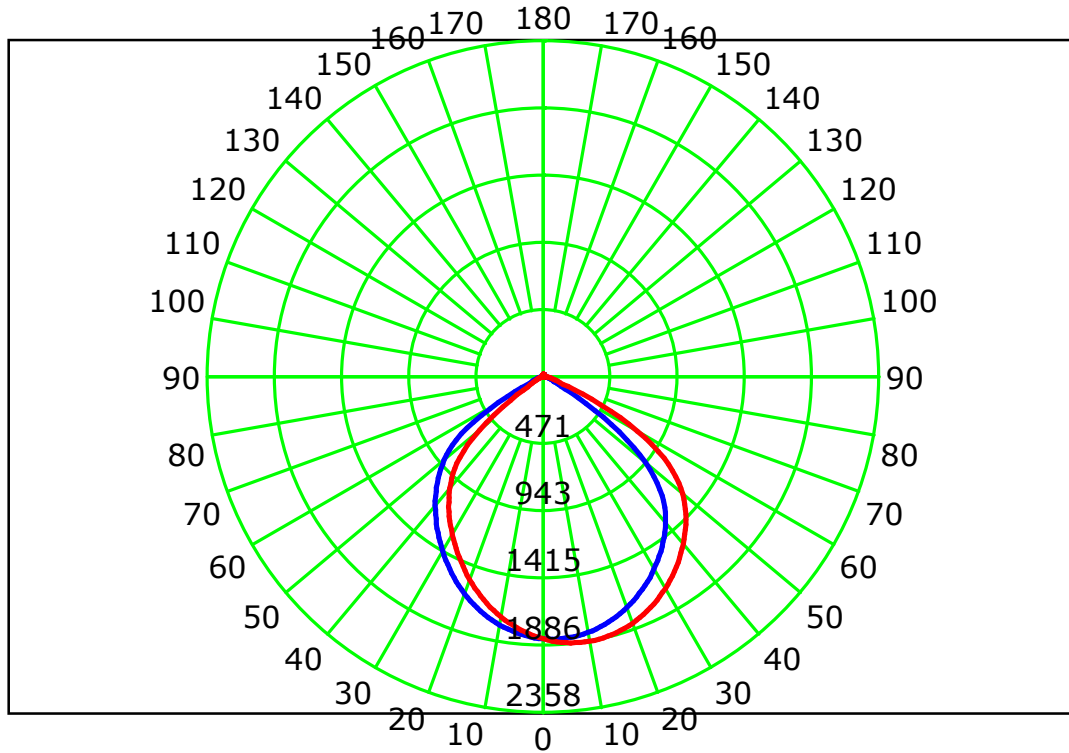
Average Diffuse Angle(50%): 99.9°

— C0-C180 — C90-C270 — G10

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

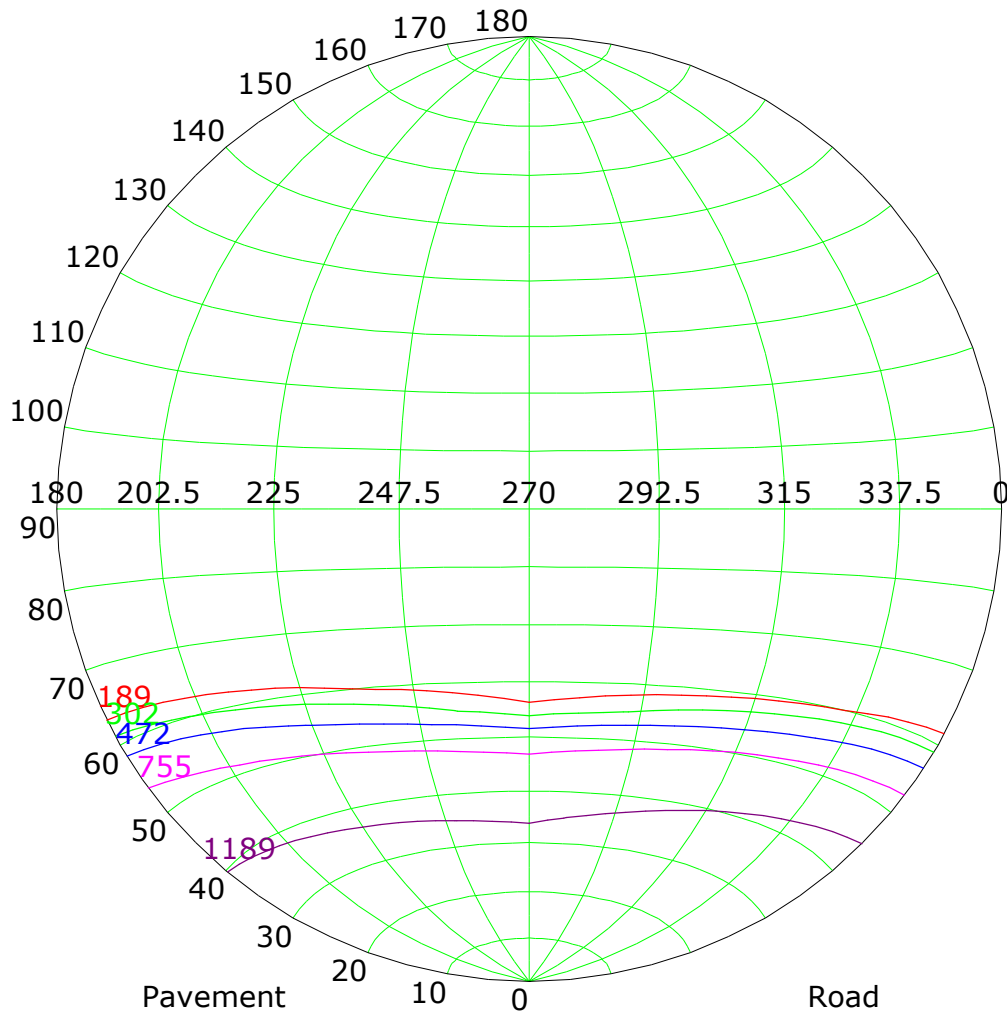
Luminous Intensity Distribution Curve



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Isocandela (sphere)



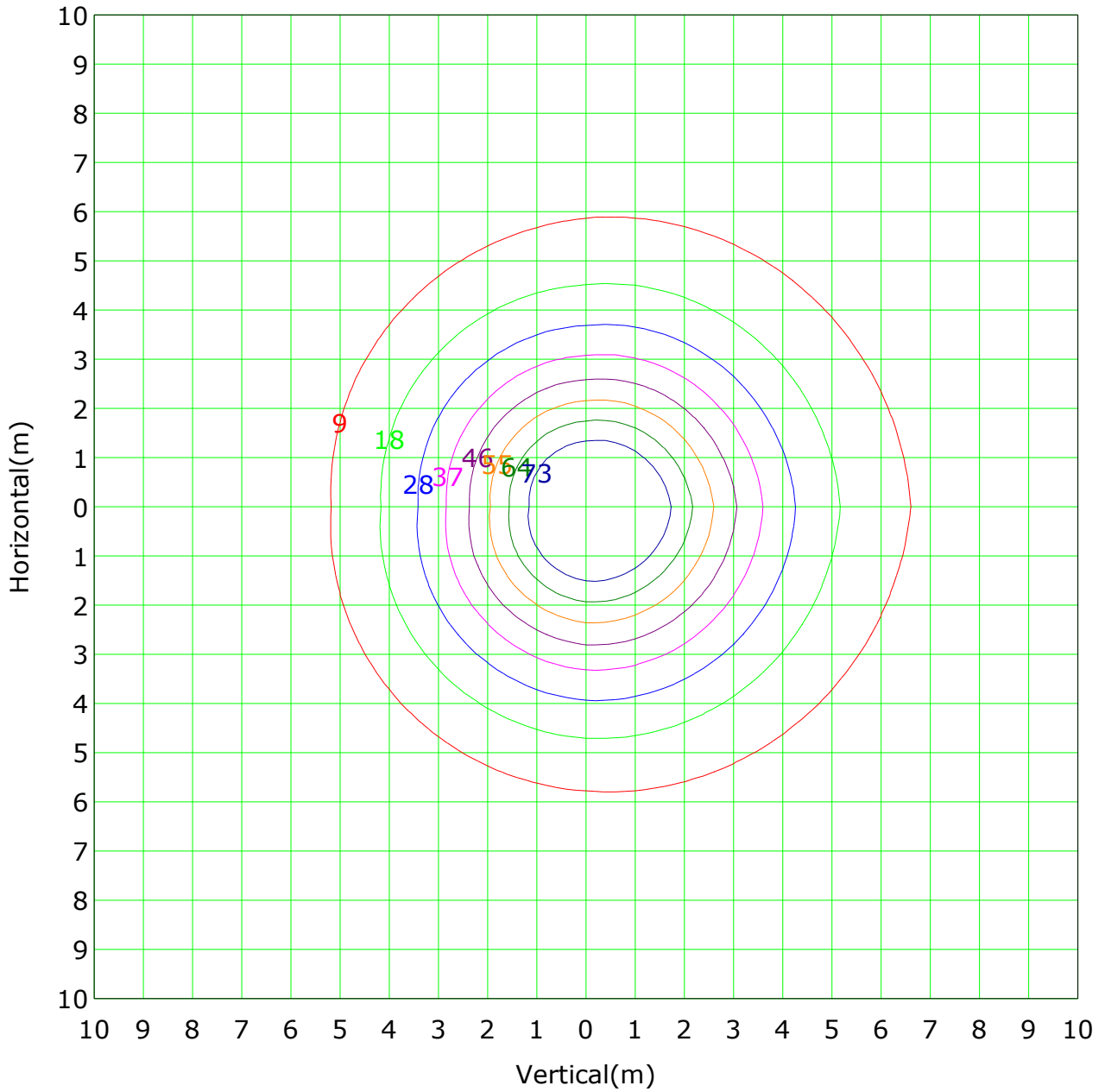
Imax (100%): 1887 cd

— (10%): 189 cd	— (16%): 302 cd
— (25%): 472 cd	— (40%): 755 cd
— (63%): 1189 cd	— (100%): 1887 cd

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IsoLux Plot



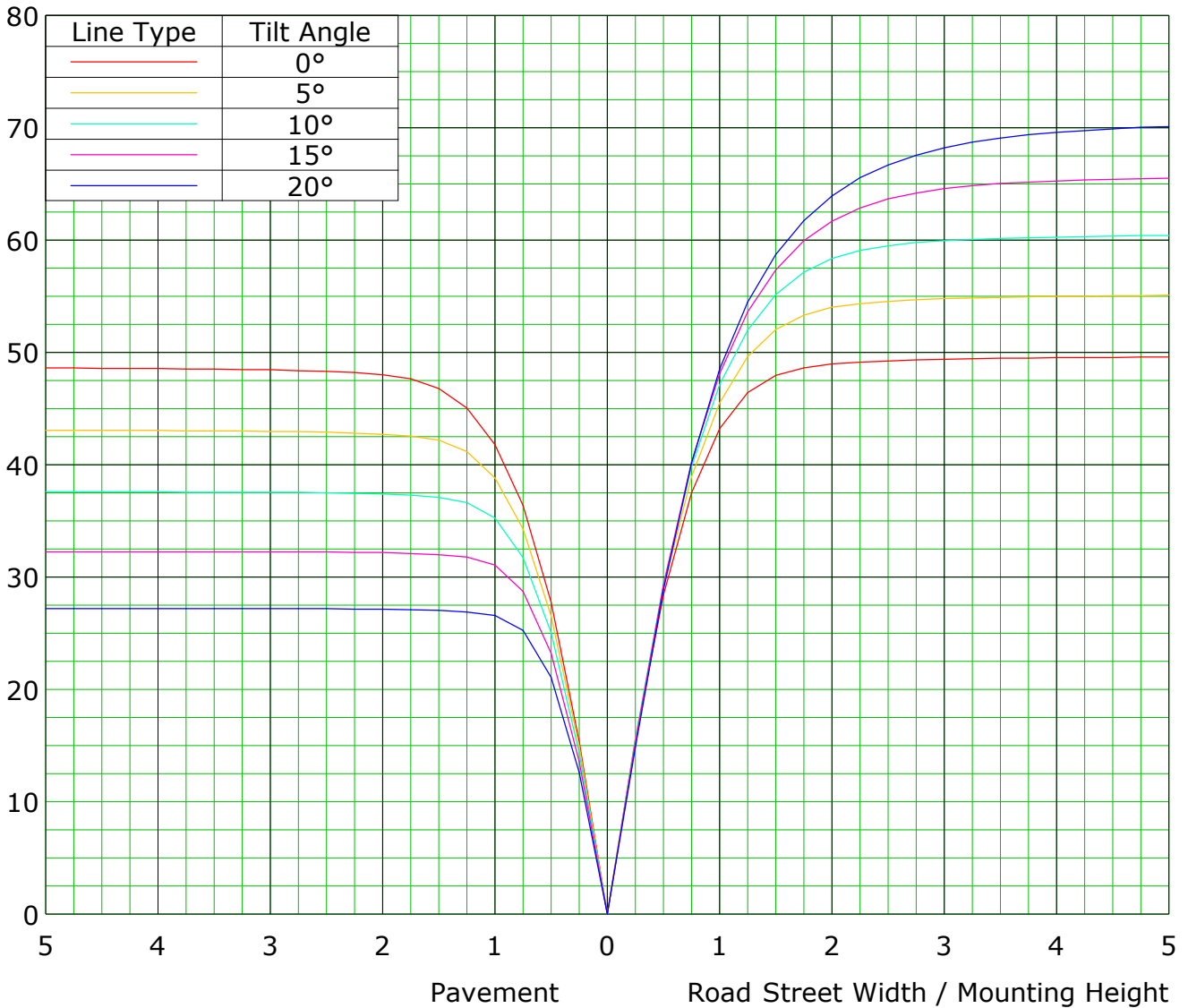
Mounting Height: 4.5m		Max Lux(100%): 91.7 lx
<ul style="list-style-type: none"> — (10%): 9.2 lx — (30%): 27.5 lx — (50%): 45.8 lx — (70%): 64.2 lx 	<ul style="list-style-type: none"> — (20%): 18.3 lx — (40%): 36.7 lx — (60%): 55.0 lx — (80%): 73.3 lx 	

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 Inspector:

Roadway CU Curve

Efficiency(%)



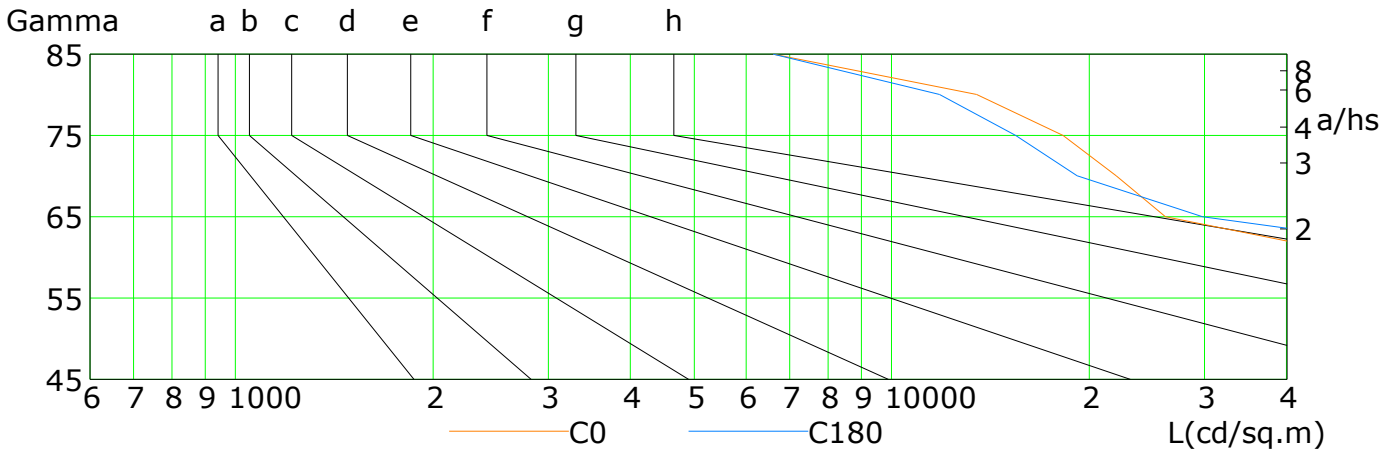
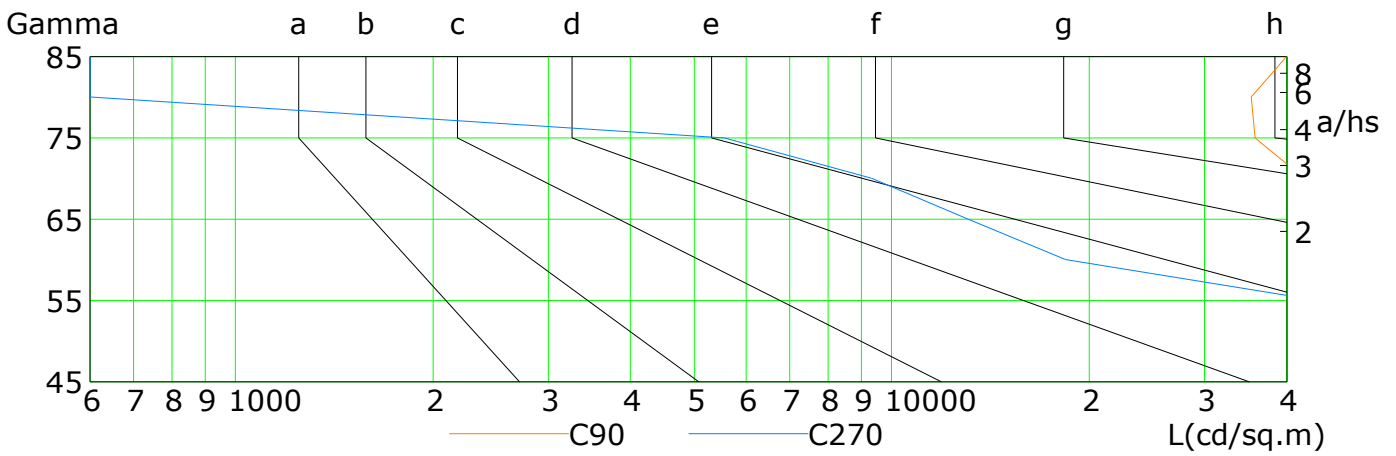
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 Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h

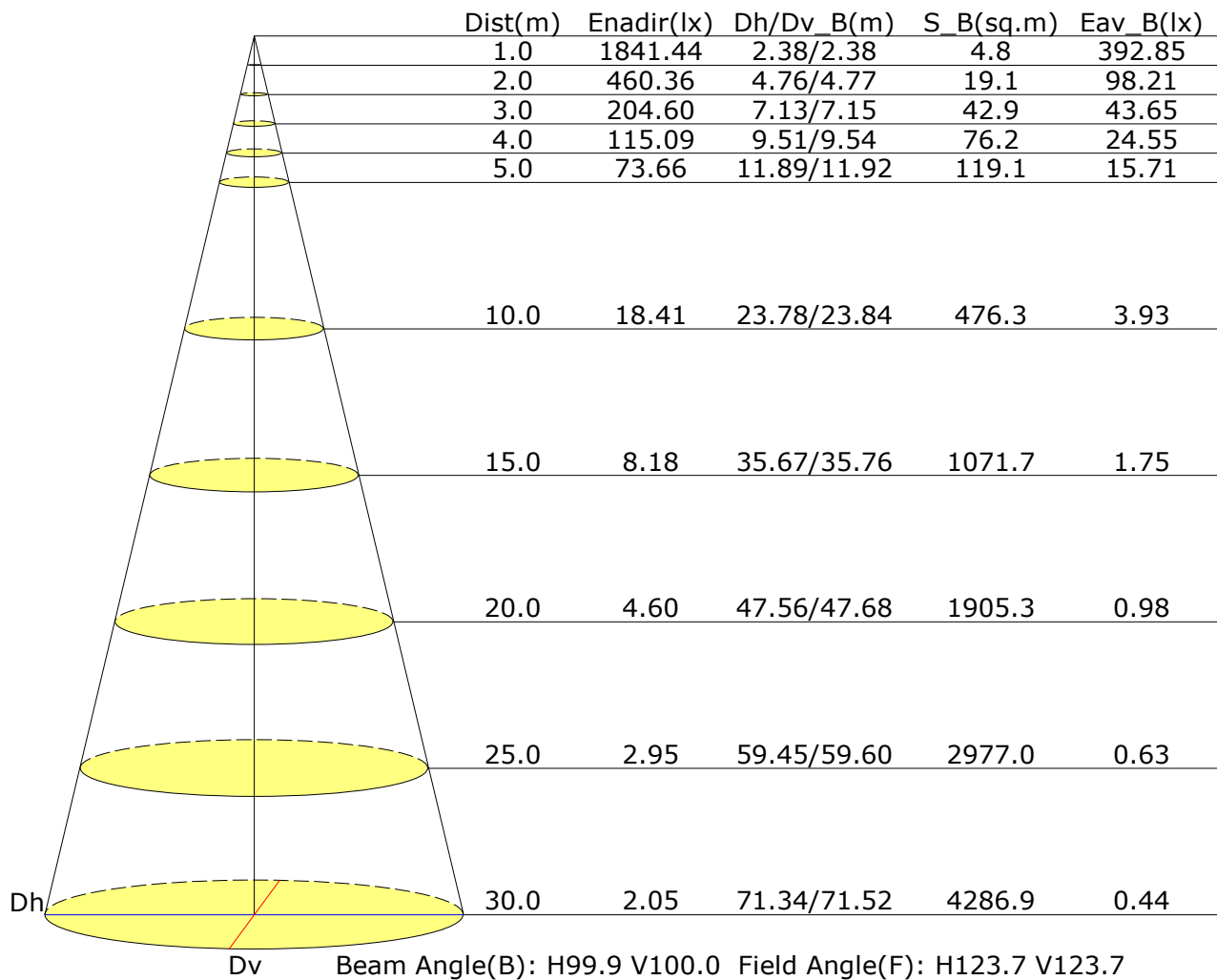


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	193101	169363	118486	53339	26138	21979	18258	13478	6595
C90	231466	230155	217143	176464	103028	42634	35773	35296	39934
C180	172167	163501	141634	83978	29796	19183	15436	11836	6595
C270	140217	105177	45319	18426	13080	9328	5564	0	0

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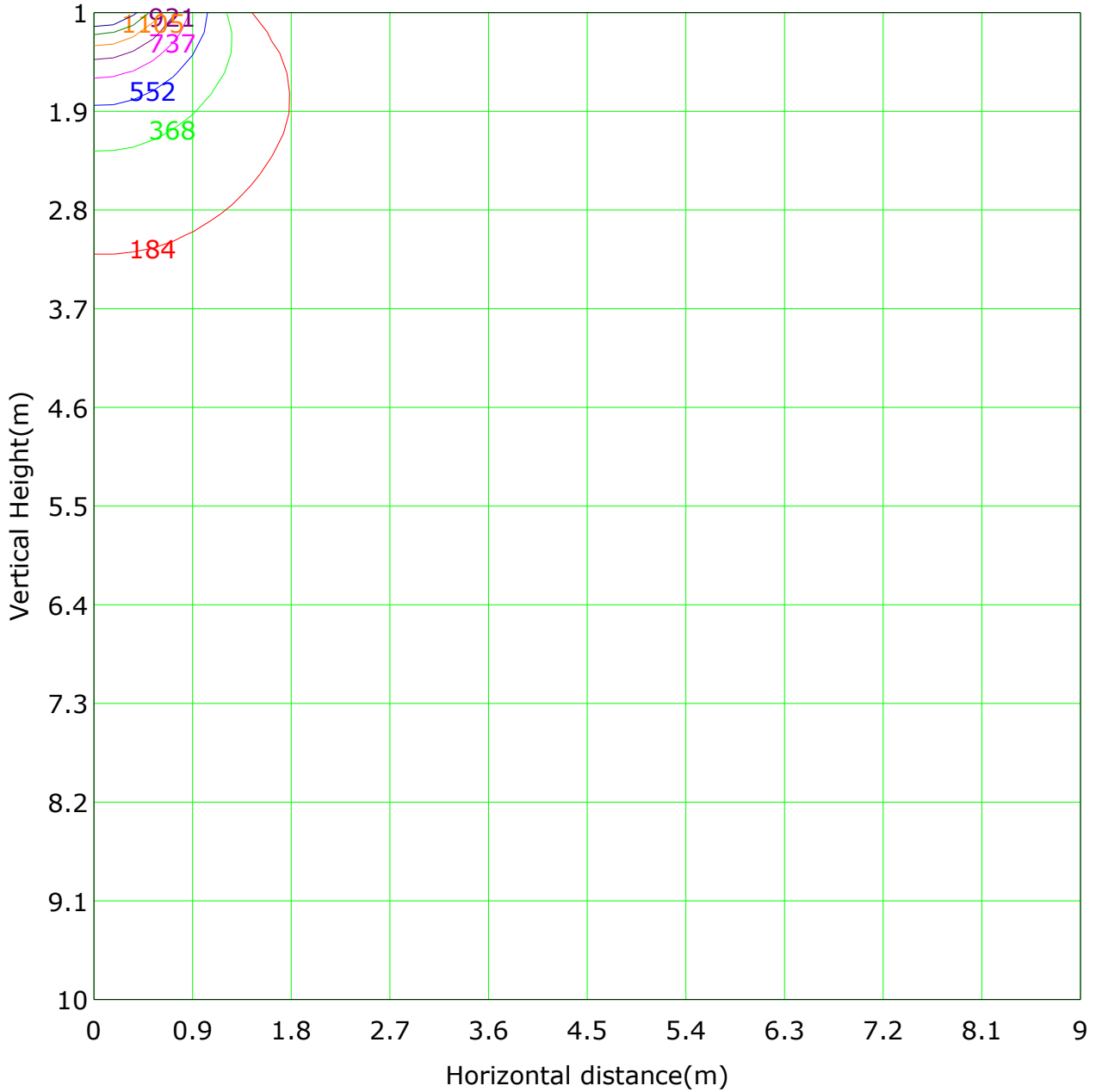
Illuminance at a Distance



C Plane (°):0.0-360.0: 90.0
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 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Vertical IsoLux Plot

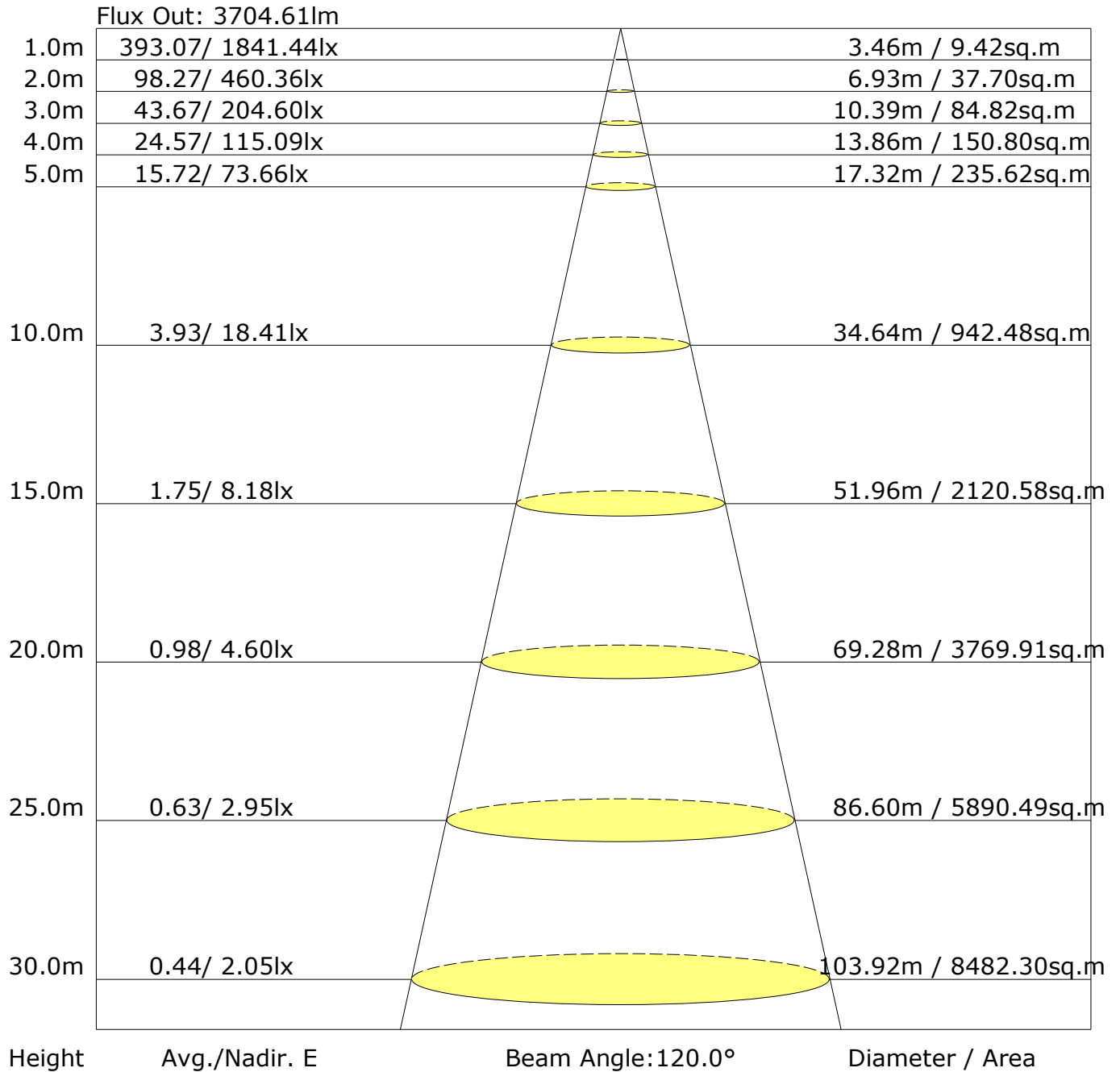


Lowest(m): 1.0m	Highest(m): 10.0m	Max Lux: 1841.4 lx
— (10%): 184.1 lx	— (20%): 368.3 lx	
— (30%): 552.4 lx	— (40%): 736.6 lx	
— (50%): 920.7 lx	— (60%): 1104.9 lx	
— (70%): 1289.0 lx	— (80%): 1473.1 lx	

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The Average Illuminance Effective Figure



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 Inspector:

UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	28.8	30.0	29.1	30.2	30.5	29.8	31.0	30.1	31.2	31.5
3H	28.7	29.8	29.1	30.1	30.4	29.9	30.9	30.2	31.2	31.5
4H	28.7	29.7	29.0	30.0	30.3	29.8	30.8	30.2	31.1	31.4
6H	28.6	29.6	29.0	29.9	30.2	29.8	30.7	30.2	31.1	31.4
8H	28.6	29.5	29.0	29.8	30.2	29.8	30.7	30.2	31.0	31.4
12H	28.6	29.4	29.0	29.8	30.1	29.8	30.6	30.2	31.0	31.3
X=4H Y=2H	28.9	29.9	29.2	30.2	30.5	29.8	30.8	30.1	31.1	31.4
3H	28.9	29.7	29.3	30.1	30.4	29.9	30.8	30.3	31.1	31.5
4H	28.9	29.6	29.3	30.0	30.4	29.9	30.7	30.3	31.0	31.4
6H	28.8	29.5	29.3	29.9	30.3	29.9	30.6	30.4	31.0	31.4
8H	28.8	29.4	29.3	29.8	30.3	29.9	30.5	30.4	30.9	31.4
12H	28.8	29.3	29.3	29.8	30.2	29.9	30.5	30.4	30.9	31.4
X=8H Y=4H	28.8	29.4	29.3	29.8	30.3	29.8	30.5	30.3	30.9	31.3
6H	28.8	29.3	29.3	29.7	30.2	29.9	30.4	30.4	30.8	31.3
8H	28.8	29.2	29.3	29.7	30.2	29.9	30.3	30.4	30.8	31.3
12H	28.8	29.1	29.3	29.6	30.1	29.9	30.3	30.4	30.8	31.3
X=12H Y=4H	28.8	29.3	29.2	29.8	30.2	29.8	30.4	30.3	30.8	31.2
6H	28.8	29.2	29.3	29.7	30.2	29.9	30.3	30.3	30.7	31.2
8H	28.8	29.1	29.3	29.6	30.1	29.9	30.2	30.4	30.7	31.3
Variations with the observer position at spacings:										
S=1.0H	+0.7/-1.1					+1.0/-1.8				
S=1.5H	+2.0/-5.8					+2.2/-5.6				
S=2.0H	+3.5/-7.8					+3.2/-7.4				

Calculate in accordance with CIE Pub.117. The table is revised with 3975lm ($8\log(F/F_0) = 4.8$).

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 Humidity: 65
 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	1841.4	1.8	1.8	0.04	0.04
1.0-2.0	1840.5	5.3	7.0	0.13	0.18
2.0-3.0	1838.6	8.8	15.8	0.22	0.40
3.0-4.0	1836.1	12.3	28.1	0.31	0.71
4.0-5.0	1832.7	15.8	43.9	0.40	1.10
5.0-6.0	1828.2	19.2	63.1	0.48	1.59
6.0-7.0	1823.1	22.6	85.7	0.57	2.16
7.0-8.0	1817.3	26.0	111.8	0.65	2.81
8.0-9.0	1810.4	29.3	141.1	0.74	3.55
9.0-10.0	1802.5	32.6	173.7	0.82	4.37
10.0-11.0	1794.1	35.9	209.6	0.90	5.27
11.0-12.0	1785.0	39.0	248.6	0.98	6.25
12.0-13.0	1774.9	42.1	290.7	1.06	7.31
13.0-14.0	1763.9	45.2	335.9	1.14	8.45
14.0-15.0	1752.1	48.1	384.0	1.21	9.66
15.0-16.0	1740.1	51.0	435.0	1.28	10.94
16.0-17.0	1727.1	53.8	488.8	1.35	12.30
17.0-18.0	1713.2	56.5	545.3	1.42	13.72
18.0-19.0	1699.0	59.1	604.4	1.49	15.20
19.0-20.0	1684.1	61.6	666.0	1.55	16.76
20.0-21.0	1668.1	64.1	730.1	1.61	18.37
21.0-22.0	1651.6	66.4	796.5	1.67	20.04
22.0-23.0	1635.3	68.6	865.1	1.73	21.76
23.0-24.0	1617.9	70.7	935.9	1.78	23.54
24.0-25.0	1599.9	72.8	1008.6	1.83	25.37
25.0-26.0	1582.0	74.7	1083.3	1.88	27.25
26.0-27.0	1563.0	76.5	1159.8	1.92	29.18
27.0-28.0	1543.6	78.2	1237.9	1.97	31.14
28.0-29.0	1523.9	79.7	1317.7	2.01	33.15
29.0-30.0	1503.8	81.2	1398.9	2.04	35.19
30.0-31.0	1483.3	82.6	1481.4	2.08	37.27
31.0-32.0	1462.5	83.8	1565.2	2.11	39.38
32.0-33.0	1441.7	84.9	1650.2	2.14	41.51
33.0-34.0	1420.3	86.0	1736.1	2.16	43.68
34.0-35.0	1398.1	86.8	1823.0	2.18	45.86
35.0-36.0	1375.7	87.6	1910.6	2.20	48.06

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 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 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	1353.1	88.3	1998.9	2.22	50.28
37.0-38.0	1329.7	88.8	2087.6	2.23	52.52
38.0-39.0	1305.6	89.1	2176.7	2.24	54.76
39.0-40.0	1281.0	89.4	2266.1	2.25	57.01
40.0-41.0	1256.1	89.5	2355.6	2.25	59.26
41.0-42.0	1230.2	89.4	2445.0	2.25	61.51
42.0-43.0	1203.3	89.1	2534.1	2.24	63.75
43.0-44.0	1175.0	88.7	2622.8	2.23	65.98
44.0-45.0	1144.1	87.9	2710.7	2.21	68.19
45.0-46.0	1110.9	86.9	2797.6	2.19	70.38
46.0-47.0	1075.4	85.5	2883.2	2.15	72.53
47.0-48.0	1037.9	83.9	2967.1	2.11	74.64
48.0-49.0	998.3	82.0	3049.1	2.06	76.70
49.0-50.0	953.7	79.5	3128.6	2.00	78.71
50.0-51.0	904.0	76.5	3205.1	1.92	80.63
51.0-52.0	852.0	73.1	3278.2	1.84	82.47
52.0-53.0	796.5	69.3	3347.5	1.74	84.21
53.0-54.0	737.7	65.0	3412.5	1.64	85.85
54.0-55.0	678.5	60.6	3473.1	1.52	87.37
55.0-56.0	619.3	56.0	3529.1	1.41	88.78
56.0-57.0	560.2	51.2	3580.3	1.29	90.07
57.0-58.0	500.7	46.3	3626.6	1.16	91.23
58.0-59.0	442.9	41.4	3668.0	1.04	92.28
59.0-60.0	387.3	36.6	3704.6	0.92	93.20
60.0-61.0	333.4	31.8	3736.4	0.80	94.00
61.0-62.0	285.2	27.5	3763.9	0.69	94.69
62.0-63.0	242.8	23.6	3787.5	0.59	95.28
63.0-64.0	204.5	20.1	3807.6	0.50	95.79
64.0-65.0	172.0	17.0	3824.6	0.43	96.22
65.0-66.0	144.8	14.5	3839.1	0.36	96.58
66.0-67.0	122.0	12.3	3851.4	0.31	96.89
67.0-68.0	102.4	10.4	3861.7	0.26	97.15
68.0-69.0	86.4	8.8	3870.5	0.22	97.37
69.0-70.0	74.3	7.6	3878.2	0.19	97.56
70.0-71.0	65.1	6.7	3884.9	0.17	97.73
71.0-72.0	58.4	6.1	3891.0	0.15	97.88

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 Humidity: 65
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	53.1	5.5	3896.5	0.14	98.02
73.0-74.0	48.4	5.1	3901.6	0.13	98.15
74.0-75.0	44.1	4.7	3906.3	0.12	98.27
75.0-76.0	40.0	4.2	3910.5	0.11	98.38
76.0-77.0	35.8	3.8	3914.3	0.10	98.47
77.0-78.0	31.8	3.4	3917.7	0.09	98.56
78.0-79.0	28.0	3.0	3920.8	0.08	98.63
79.0-80.0	24.5	2.6	3923.4	0.07	98.70
80.0-81.0	21.4	2.3	3925.7	0.06	98.76
81.0-82.0	18.7	2.0	3927.7	0.05	98.81
82.0-83.0	16.1	1.8	3929.5	0.04	98.85
83.0-84.0	13.6	1.5	3931.0	0.04	98.89
84.0-85.0	11.2	1.2	3932.2	0.03	98.92
85.0-86.0	8.9	1.0	3933.2	0.02	98.95
86.0-87.0	6.8	0.7	3933.9	0.02	98.96
87.0-88.0	5.2	0.6	3934.5	0.01	98.98
88.0-89.0	4.2	0.5	3934.9	0.01	98.99
89.0-90.0	3.4	0.4	3935.3	0.01	99.00
90.0-91.0	2.7	0.3	3935.6	0.01	99.01
91.0-92.0	2.0	0.2	3935.8	0.01	99.01
92.0-93.0	1.4	0.2	3936.0	0.00	99.02
93.0-94.0	0.7	0.1	3936.1	0.00	99.02
94.0-95.0	0.3	0.0	3936.1	0.00	99.02
95.0-96.0	0.4	0.0	3936.1	0.00	99.02
96.0-97.0	0.6	0.1	3936.2	0.00	99.02
97.0-98.0	0.8	0.1	3936.3	0.00	99.02
98.0-99.0	0.9	0.1	3936.4	0.00	99.03
99.0-100.0	1.0	0.1	3936.5	0.00	99.03
100.0-101.0	1.1	0.1	3936.6	0.00	99.03
101.0-102.0	1.2	0.1	3936.7	0.00	99.04
102.0-103.0	1.4	0.2	3936.9	0.00	99.04
103.0-104.0	1.7	0.2	3937.1	0.00	99.04
104.0-105.0	1.8	0.2	3937.3	0.00	99.05
105.0-106.0	2.0	0.2	3937.5	0.01	99.05
106.0-107.0	2.2	0.2	3937.7	0.01	99.06
107.0-108.0	2.4	0.3	3938.0	0.01	99.07

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 Humidity: 65
 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	2.6	0.3	3938.2	0.01	99.07
109.0-110.0	2.8	0.3	3938.5	0.01	99.08
110.0-111.0	3.1	0.3	3938.9	0.01	99.09
111.0-112.0	3.3	0.3	3939.2	0.01	99.10
112.0-113.0	3.5	0.4	3939.6	0.01	99.11
113.0-114.0	3.8	0.4	3939.9	0.01	99.12
114.0-115.0	4.0	0.4	3940.3	0.01	99.13
115.0-116.0	4.2	0.4	3940.7	0.01	99.14
116.0-117.0	4.5	0.4	3941.2	0.01	99.15
117.0-118.0	4.7	0.5	3941.6	0.01	99.16
118.0-119.0	4.9	0.5	3942.1	0.01	99.17
119.0-120.0	5.2	0.5	3942.6	0.01	99.18
120.0-121.0	5.4	0.5	3943.1	0.01	99.20
121.0-122.0	5.6	0.5	3943.6	0.01	99.21
122.0-123.0	5.9	0.5	3944.2	0.01	99.22
123.0-124.0	6.1	0.6	3944.7	0.01	99.24
124.0-125.0	6.3	0.6	3945.3	0.01	99.25
125.0-126.0	6.6	0.6	3945.9	0.01	99.27
126.0-127.0	6.8	0.6	3946.5	0.02	99.28
127.0-128.0	7.1	0.6	3947.1	0.02	99.30
128.0-129.0	7.3	0.6	3947.8	0.02	99.31
129.0-130.0	7.6	0.6	3948.4	0.02	99.33
130.0-131.0	7.8	0.7	3949.0	0.02	99.35
131.0-132.0	8.1	0.7	3949.7	0.02	99.36
132.0-133.0	8.3	0.7	3950.4	0.02	99.38
133.0-134.0	8.6	0.7	3951.1	0.02	99.40
134.0-135.0	8.9	0.7	3951.8	0.02	99.41
135.0-136.0	9.1	0.7	3952.5	0.02	99.43
136.0-137.0	9.3	0.7	3953.2	0.02	99.45
137.0-138.0	9.6	0.7	3953.9	0.02	99.47
138.0-139.0	9.8	0.7	3954.6	0.02	99.48
139.0-140.0	10.1	0.7	3955.3	0.02	99.50
140.0-141.0	10.3	0.7	3956.0	0.02	99.52
141.0-142.0	10.5	0.7	3956.7	0.02	99.54
142.0-143.0	10.8	0.7	3957.5	0.02	99.56
143.0-144.0	11.0	0.7	3958.2	0.02	99.57

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 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	11.2	0.7	3958.9	0.02	99.59
145.0-146.0	11.5	0.7	3959.6	0.02	99.61
146.0-147.0	11.7	0.7	3960.3	0.02	99.63
147.0-148.0	11.9	0.7	3961.0	0.02	99.65
148.0-149.0	12.2	0.7	3961.7	0.02	99.66
149.0-150.0	12.4	0.7	3962.4	0.02	99.68
150.0-151.0	12.6	0.7	3963.1	0.02	99.70
151.0-152.0	12.9	0.7	3963.8	0.02	99.72
152.0-153.0	13.2	0.7	3964.4	0.02	99.73
153.0-154.0	13.4	0.7	3965.1	0.02	99.75
154.0-155.0	13.7	0.6	3965.7	0.02	99.76
155.0-156.0	13.9	0.6	3966.4	0.02	99.78
156.0-157.0	14.2	0.6	3967.0	0.02	99.80
157.0-158.0	14.5	0.6	3967.6	0.02	99.81
158.0-159.0	14.7	0.6	3968.2	0.01	99.83
159.0-160.0	15.0	0.6	3968.8	0.01	99.84
160.0-161.0	15.2	0.6	3969.3	0.01	99.86
161.0-162.0	15.5	0.5	3969.9	0.01	99.87
162.0-163.0	15.8	0.5	3970.4	0.01	99.88
163.0-164.0	16.0	0.5	3970.9	0.01	99.89
164.0-165.0	16.2	0.5	3971.3	0.01	99.91
165.0-166.0	16.5	0.5	3971.8	0.01	99.92
166.0-167.0	16.7	0.4	3972.2	0.01	99.93
167.0-168.0	17.0	0.4	3972.6	0.01	99.94
168.0-169.0	17.2	0.4	3973.0	0.01	99.95
169.0-170.0	17.4	0.3	3973.4	0.01	99.96
170.0-171.0	17.6	0.3	3973.7	0.01	99.96
171.0-172.0	17.8	0.3	3974.0	0.01	99.97
172.0-173.0	18.0	0.3	3974.2	0.01	99.98
173.0-174.0	18.2	0.2	3974.4	0.01	99.98
174.0-175.0	18.2	0.2	3974.6	0.00	99.99
175.0-176.0	18.3	0.2	3974.8	0.00	99.99
176.0-177.0	18.4	0.1	3974.9	0.00	100.00
177.0-178.0	18.4	0.1	3975.0	0.00	100.00
178.0-179.0	18.4	0.1	3975.1	0.00	100.00
179.0-180.0	18.4	0.0	3975.1	0.00	100.00

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 2710.73 lm

%lum = 68.2%

%lamp = 68.2%

cone flux(120°): 3704.61 lm

%lum = 93.2%

%lamp = 93.2%

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	1841.4	1841.4	1841.4	1841.4	1841.4					
G1.0	1844.5	1849.6	1838.3	1832.8	1844.5					
G2.0	1845.4	1857.2	1834.0	1822.3	1845.4					
G3.0	1845.7	1864.1	1828.2	1811.6	1845.7					
G4.0	1845.7	1869.8	1822.9	1800.6	1845.7					
G5.0	1844.2	1874.8	1815.9	1787.5	1844.2					
G6.0	1842.0	1879.1	1808.5	1773.4	1842.0					
G7.0	1839.2	1882.7	1800.1	1759.7	1839.2					
G8.0	1834.6	1884.8	1791.8	1745.3	1834.6					
G9.0	1829.0	1886.4	1780.9	1730.1	1829.0					
G10.0	1823.9	1886.7	1770.6	1712.3	1823.9					
G11.0	1817.9	1886.0	1759.6	1695.7	1817.9					
G12.0	1810.3	1884.7	1747.5	1678.2	1810.3					
G13.0	1802.5	1882.1	1734.0	1660.3	1802.5					
G14.0	1794.0	1878.4	1720.0	1640.0	1794.0					
G15.0	1783.8	1874.3	1705.7	1621.0	1783.8					
G16.0	1774.0	1869.3	1691.3	1601.5	1774.0					
G17.0	1763.0	1863.6	1674.4	1579.6	1763.0					
G18.0	1751.9	1856.4	1657.8	1558.9	1751.9					
G19.0	1738.7	1849.0	1640.7	1538.2	1738.7					
G20.0	1725.7	1840.9	1622.9	1516.7	1725.7					
G21.0	1711.6	1831.4	1602.8	1492.7	1711.6					
G22.0	1697.7	1821.9	1583.9	1470.9	1697.7					
G23.0	1682.9	1811.9	1564.7	1448.3	1682.9					
G24.0	1666.1	1799.8	1545.0	1424.3	1666.1					
G25.0	1650.1	1788.0	1524.8	1401.4	1650.1					
G26.0	1633.7	1775.8	1504.2	1378.1	1633.7					
G27.0	1615.0	1762.8	1481.8	1352.8	1615.0					
G28.0	1598.3	1747.7	1460.7	1329.7	1598.3					
G29.0	1578.9	1732.7	1437.0	1306.2	1578.9					
G30.0	1560.3	1717.7	1415.1	1282.1	1560.3					
G31.0	1539.6	1702.1	1393.4	1255.9	1539.6					
G32.0	1521.0	1684.7	1371.4	1231.9	1521.0					
G33.0	1500.4	1668.1	1348.5	1207.6	1500.4					
G34.0	1480.4	1650.9	1323.5	1182.9	1480.4					
G35.0	1457.4	1631.3	1300.2	1157.8	1457.4					
G36.0	1436.1	1613.3	1277.3	1132.3	1436.1					

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	1413.9	1594.6	1253.9	1103.6	1413.9					
G38.0	1390.4	1573.2	1230.3	1077.6	1390.4					
G39.0	1364.0	1553.5	1205.0	1050.8	1364.0					
G40.0	1338.6	1533.6	1181.5	1020.7	1338.6					
G41.0	1311.8	1513.0	1157.3	992.5	1311.8					
G42.0	1283.5	1490.1	1130.5	963.1	1283.5					
G43.0	1253.7	1468.6	1105.1	932.0	1253.7					
G44.0	1217.6	1446.3	1080.7	895.6	1217.6					
G45.0	1182.3	1417.2	1054.2	858.5	1182.3					
G46.0	1139.4	1392.6	1025.4	817.9	1139.4					
G47.0	1095.7	1366.7	998.1	767.1	1095.7					
G48.0	1048.9	1339.7	971.4	715.8	1048.9					
G49.0	998.1	1314.6	940.4	657.7	998.1					
G50.0	942.7	1281.0	910.0	585.4	942.7					
G51.0	875.1	1247.8	875.0	515.1	875.1					
G52.0	809.9	1211.9	840.3	440.4	809.9					
G53.0	741.9	1168.6	801.6	357.2	741.9					
G54.0	663.4	1125.5	757.4	285.8	663.4					
G55.0	588.5	1078.5	703.4	225.1	588.5					
G56.0	512.9	1027.7	648.3	170.0	512.9					
G57.0	437.2	966.3	585.8	133.4	437.2					
G58.0	357.7	905.3	511.3	108.5	357.7					
G59.0	290.3	840.0	438.0	92.0	290.3					
G60.0	230.9	764.0	363.6	79.8	230.9					
G61.0	178.8	691.4	287.7	71.3	178.8					
G62.0	144.7	615.7	227.7	64.4	144.7					
G63.0	121.8	538.3	172.1	57.8	121.8					
G64.0	106.7	452.9	134.3	52.4	106.7					
G65.0	95.7	377.0	109.0	47.9	95.7					
G66.0	88.5	307.3	90.3	43.1	88.5					
G67.0	82.9	245.8	79.0	38.9	82.9					
G68.0	76.6	190.7	70.4	35.1	76.6					
G69.0	71.0	153.4	62.7	31.2	71.0					
G70.0	65.1	126.3	56.8	27.6	65.1					
G71.0	59.3	110.4	51.4	24.2	59.3					
G72.0	54.7	99.7	46.9	20.9	54.7					
G73.0	50.2	91.9	42.3	17.8	50.2					

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	45.2	86.2	38.2	15.1	45.2					
G75.0	40.9	80.2	34.6	12.5	40.9					
G76.0	36.6	74.5	30.8	9.6	36.6					
G77.0	32.2	68.2	27.4	7.1	32.2					
G78.0	28.1	62.2	24.1	4.9	28.1					
G79.0	24.2	57.5	20.8	2.6	24.2					
G80.0	20.3	53.1	17.8	0.0	20.3					
G81.0	16.7	48.1	15.0	0.0	16.7					
G82.0	13.7	43.6	12.4	0.0	13.7					
G83.0	10.4	39.2	9.8	0.0	10.4					
G84.0	7.7	34.3	7.2	0.0	7.7					
G85.0	5.0	30.1	5.0	0.0	5.0					
G86.0	2.2	25.9	3.0	0.0	2.2					
G87.0	0.0	22.1	1.2	0.0	0.0					
G88.0	0.0	18.5	0.0	0.0	0.0					
G89.0	0.0	14.8	0.0	0.6	0.0					
G90.0	0.0	11.5	0.0	0.6	0.0					
G91.0	0.0	8.6	0.0	0.8	0.0					
G92.0	0.0	6.1	0.0	0.9	0.0					
G93.0	0.0	3.1	0.0	1.0	0.0					
G94.0	0.0	0.0	0.0	1.1	0.0					
G95.0	0.0	0.0	0.0	1.3	0.0					
G96.0	0.0	0.0	0.6	1.4	0.0					
G97.0	0.6	0.0	0.7	1.7	0.6					
G98.0	0.7	0.0	0.7	1.8	0.7					
G99.0	0.8	0.0	0.9	2.0	0.8					
G100.0	1.1	0.0	1.0	2.2	1.1					
G101.0	1.1	0.0	1.2	2.3	1.1					
G102.0	1.3	0.0	1.3	2.6	1.3					
G103.0	1.5	0.6	1.5	2.8	1.5					
G104.0	1.6	0.7	1.7	3.0	1.6					
G105.0	1.8	0.8	1.8	3.2	1.8					
G106.0	2.1	1.0	2.0	3.4	2.1					
G107.0	2.3	1.1	2.2	3.7	2.3					
G108.0	2.6	1.3	2.4	3.9	2.6					
G109.0	2.8	1.4	2.6	4.2	2.8					
G110.0	3.0	1.6	2.8	4.3	3.0					

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	3.2	1.8	3.1	4.6	3.2					
G112.0	3.5	2.1	3.2	4.9	3.5					
G113.0	3.8	2.3	3.5	5.0	3.8					
G114.0	4.0	2.5	3.7	5.3	4.0					
G115.0	4.3	2.7	4.0	5.6	4.3					
G116.0	4.5	2.9	4.2	5.8	4.5					
G117.0	4.8	3.1	4.4	6.0	4.8					
G118.0	4.9	3.5	4.7	6.2	4.9					
G119.0	5.2	3.7	4.8	6.5	5.2					
G120.0	5.4	4.0	5.1	6.7	5.4					
G121.0	5.6	4.2	5.4	6.9	5.6					
G122.0	5.8	4.5	5.5	7.2	5.8					
G123.0	6.0	4.7	5.8	7.4	6.0					
G124.0	6.3	4.9	6.0	7.6	6.3					
G125.0	6.5	5.1	6.3	7.8	6.5					
G126.0	6.8	5.4	6.5	8.1	6.8					
G127.0	7.0	5.6	6.7	8.4	7.0					
G128.0	7.3	5.9	7.0	8.6	7.3					
G129.0	7.6	6.1	7.3	8.9	7.6					
G130.0	7.8	6.4	7.5	9.1	7.8					
G131.0	8.0	6.6	7.7	9.4	8.0					
G132.0	8.3	6.9	8.0	9.7	8.3					
G133.0	8.6	7.0	8.2	9.9	8.6					
G134.0	8.8	7.3	8.5	10.3	8.8					
G135.0	9.1	7.5	8.7	10.5	9.1					
G136.0	9.3	7.8	8.9	10.8	9.3					
G137.0	9.6	8.1	9.2	11.0	9.6					
G138.0	9.9	8.2	9.4	11.3	9.9					
G139.0	10.1	8.6	9.6	11.5	10.1					
G140.0	10.4	8.8	9.9	11.8	10.4					
G141.0	10.6	9.1	10.0	12.0	10.6					
G142.0	10.9	9.4	10.2	12.2	10.9					
G143.0	11.0	9.6	10.5	12.5	11.0					
G144.0	11.3	9.9	10.6	12.6	11.3					
G145.0	11.5	10.2	10.9	12.9	11.5					
G146.0	11.7	10.4	11.1	13.1	11.7					
G147.0	11.9	10.7	11.3	13.3	11.9					

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	12.1	10.9	11.5	13.6	12.1					
G149.0	12.4	11.2	11.7	13.8	12.4					
G150.0	12.6	11.4	12.0	14.0	12.6					
G151.0	12.8	11.7	12.3	14.3	12.8					
G152.0	13.1	12.0	12.5	14.6	13.1					
G153.0	13.3	12.2	12.8	14.8	13.3					
G154.0	13.6	12.4	13.0	15.0	13.6					
G155.0	13.9	12.7	13.4	15.3	13.9					
G156.0	14.2	13.0	13.7	15.4	14.2					
G157.0	14.4	13.1	14.0	15.7	14.4					
G158.0	14.7	13.4	14.4	15.9	14.7					
G159.0	14.9	13.6	14.7	16.1	14.9					
G160.0	15.2	13.9	15.0	16.4	15.2					
G161.0	15.4	14.1	15.3	16.6	15.4					
G162.0	15.7	14.4	15.7	16.8	15.7					
G163.0	16.0	14.6	16.1	17.0	16.0					
G164.0	16.2	14.9	16.3	17.2	16.2					
G165.0	16.3	15.2	16.6	17.3	16.3					
G166.0	16.6	15.4	16.8	17.5	16.6					
G167.0	16.8	15.7	17.2	17.7	16.8					
G168.0	17.0	16.0	17.4	17.9	17.0					
G169.0	17.2	16.2	17.7	18.1	17.2					
G170.0	17.4	16.4	17.9	18.3	17.4					
G171.0	17.6	16.7	18.1	18.4	17.6					
G172.0	17.8	17.0	18.3	18.5	17.8					
G173.0	18.0	17.3	18.5	18.5	18.0					
G174.0	18.2	17.6	18.6	18.5	18.2					
G175.0	18.3	17.7	18.6	18.5	18.3					
G176.0	18.5	17.9	18.6	18.4	18.5					
G177.0	18.6	18.0	18.6	18.5	18.6					
G178.0	18.6	18.1	18.6	18.4	18.6					
G179.0	18.6	18.1	18.7	18.3	18.6					
G180.0	18.6	18.2	18.6	18.2	18.6					

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector: