

Report No.: TH-5071A

Test Time: 2024/10/12 09:01

Luminaire Property

Luminaire Manufacturer: NORDECOR
Luminaire Category: 4212
Lamp Catalog:
Number of Lamps:
Luminous Length (mm): 185
Luminous Height (mm):
Current: 0.150 A
Power Factor: 0.520

Luminaire Description: 18W 黑方
Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 185
Voltage: 220.3 V
Power: 17.21 W

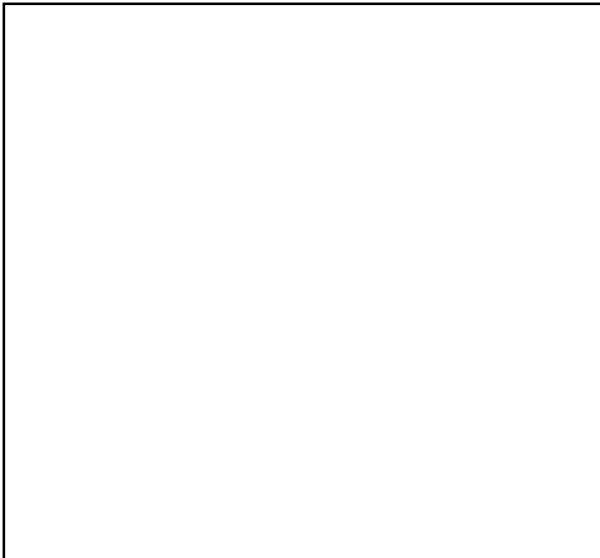
Photometric Results

CIE Class: Direct
Measurement Flux: 1377.8 lm
Downward Ratio: 98%
Horizontal Diffuse Angle(50%): H110
Vertical Diffuse Angle(50%): V109.1
Luminaire Efficacy Rating (LER): 80.11
Max. Intensity: 500.87 cd
S/MH(C0/C180): 1.26

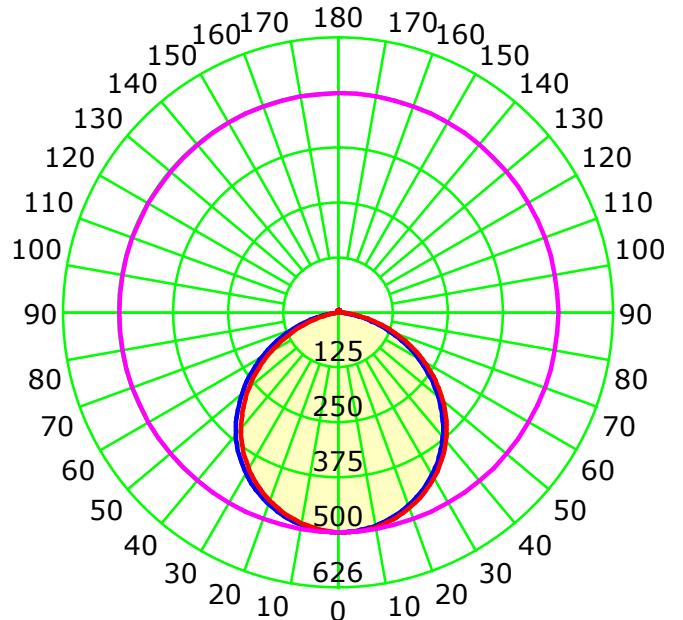
Total Rated Lamp Lumens: 1377.8 lm
Efficiency: 100%
Upward Ratio: 2%

C0r0 Intensity: 500.34 cd
Pos of Max. Intensity: H90 V2
S/MH(C90/C270): 1.26

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

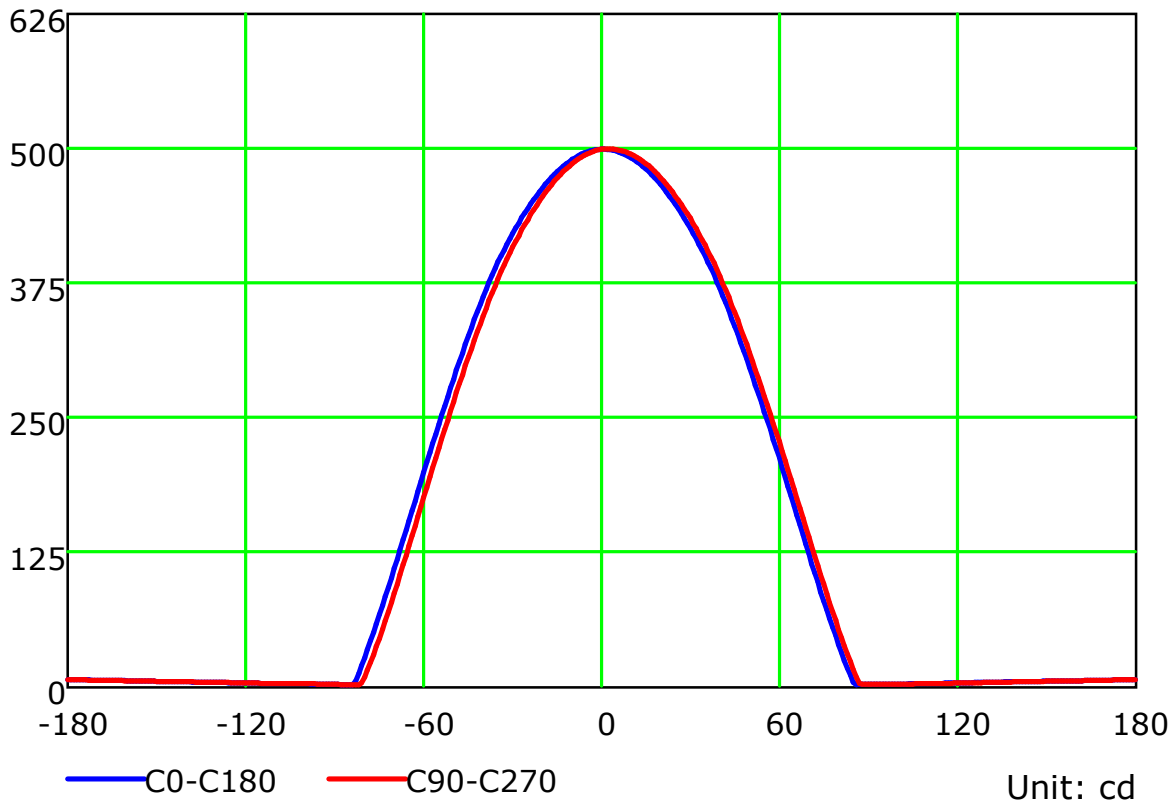
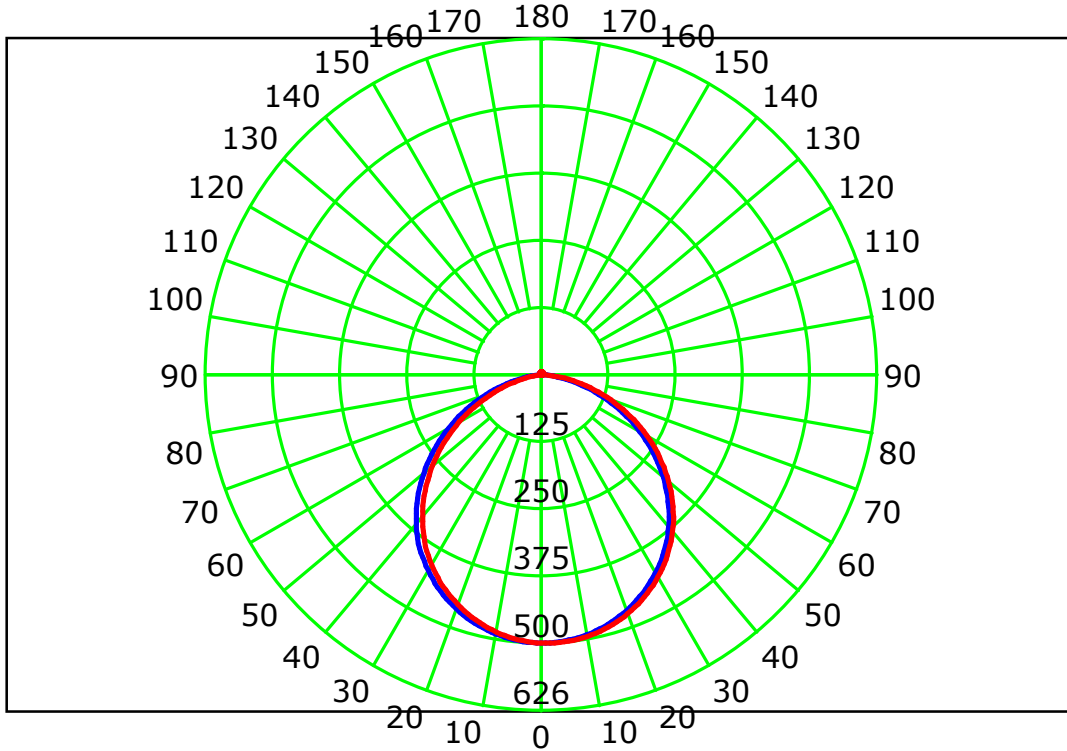
Average Diffuse Angle(50%): 109.5°

— C0-C180 — C90-C270 — G2

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

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

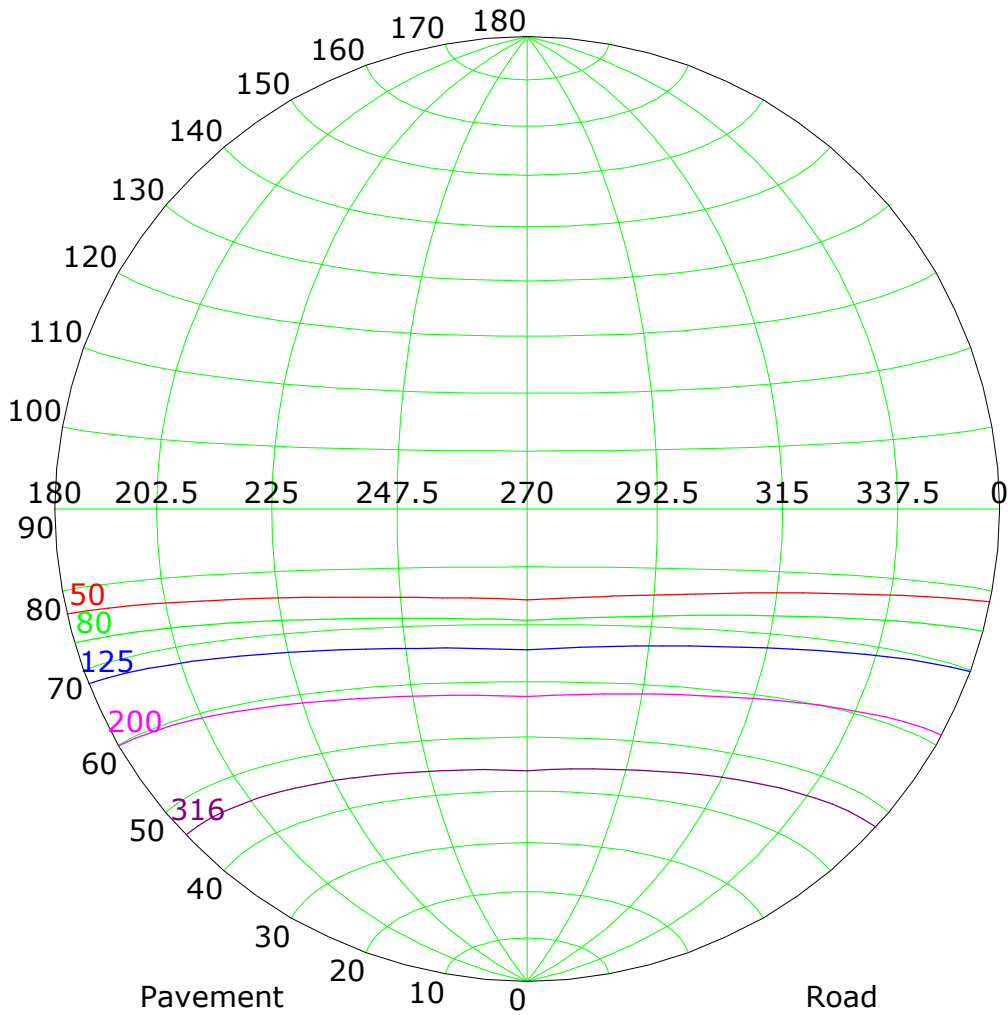
Luminous Intensity Distribution Curve



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Isocandela (sphere)



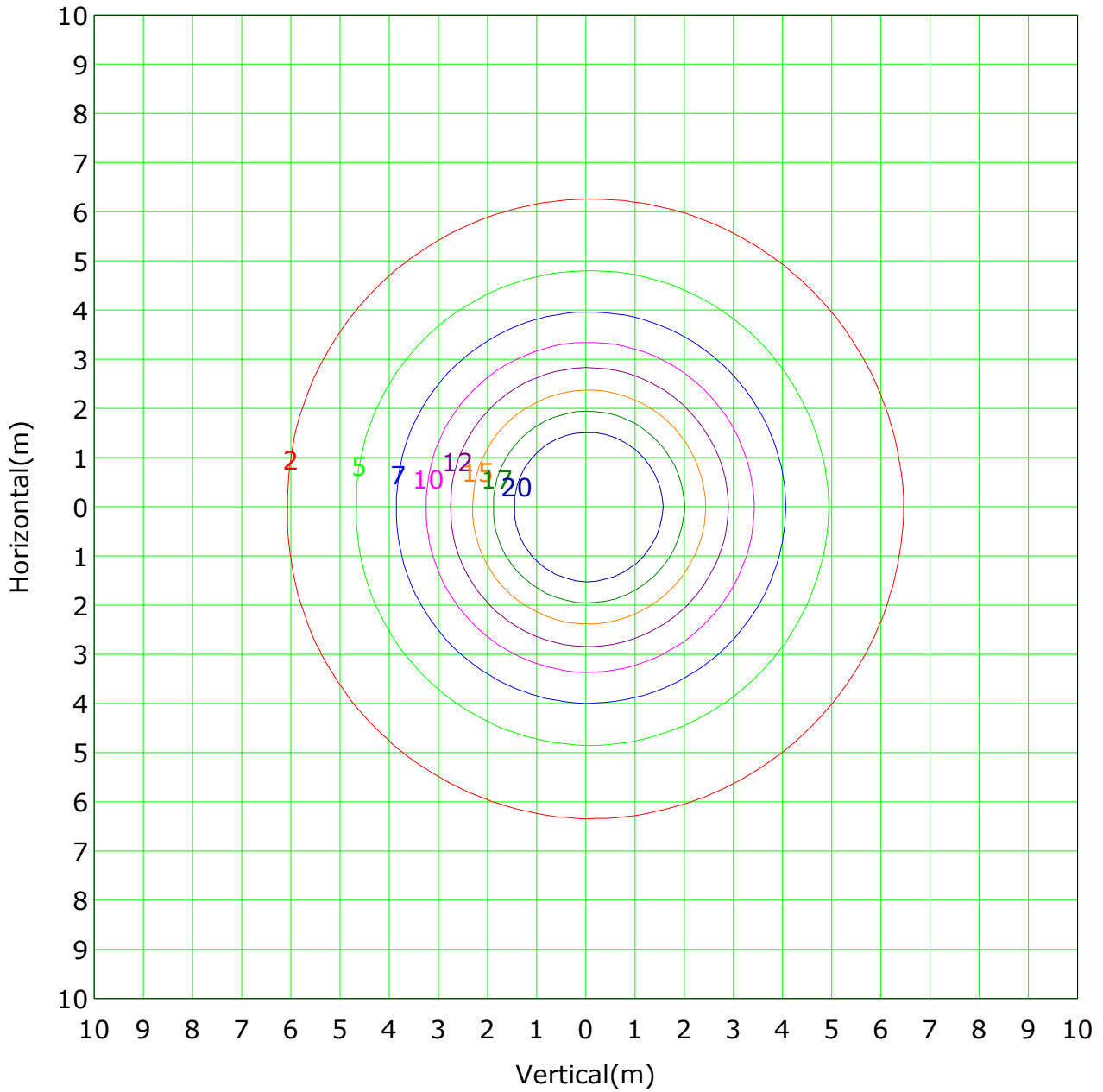
Imax (100%): 501 cd

— (10%): 50 cd	— (16%): 80 cd
— (25%): 125 cd	— (40%): 200 cd
— (63%): 316 cd	— (100%): 501 cd

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IsoLux Plot



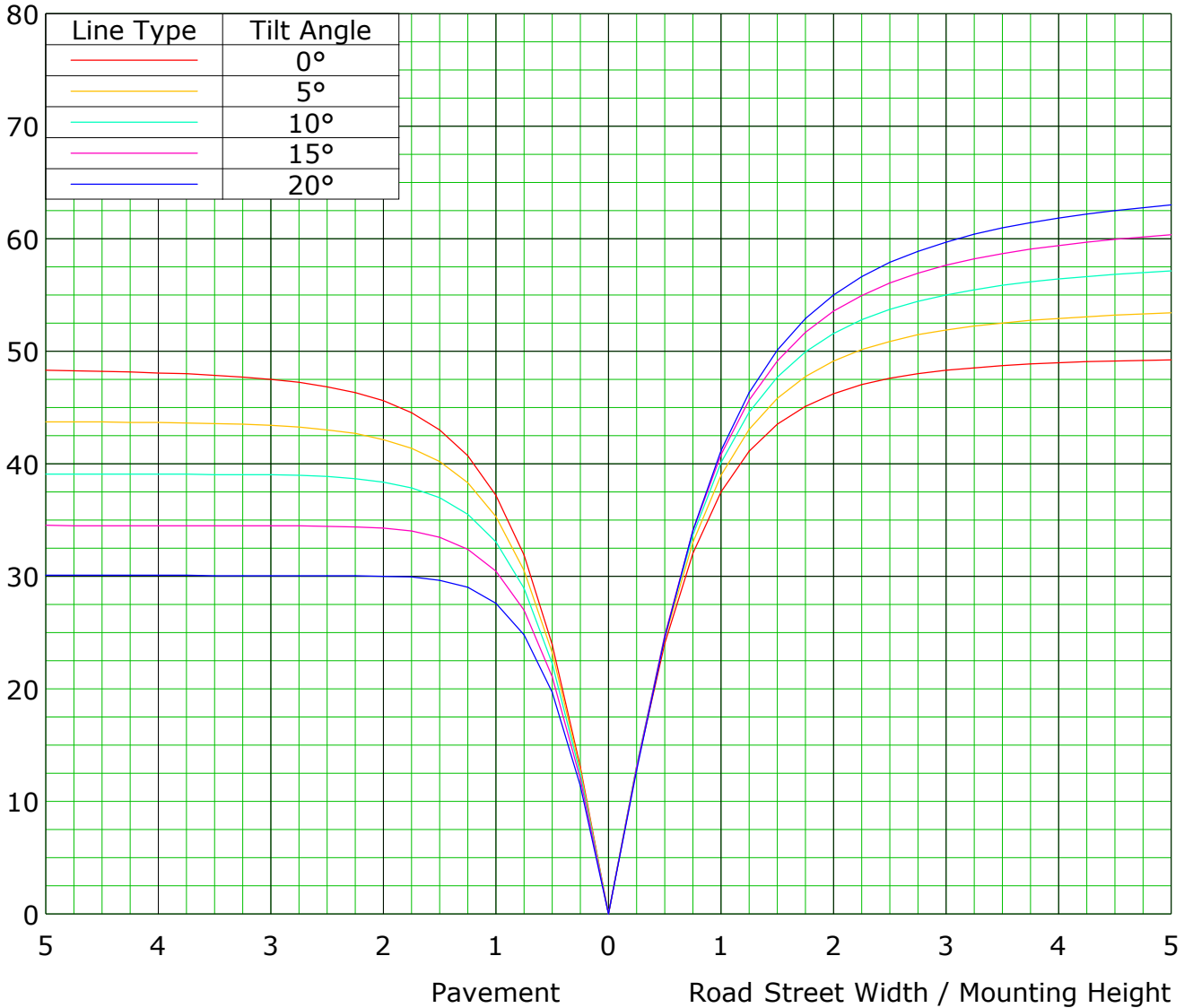
Mounting Height: 4.5m		Max Lux(100%): 24.7 lx
— (10%):	2.5 lx	— (20%): 4.9 lx
— (30%):	7.4 lx	— (40%): 9.9 lx
— (50%):	12.4 lx	— (60%): 14.8 lx
— (70%):	17.3 lx	— (80%): 19.8 lx

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Roadway CU Curve

Efficiency(%)



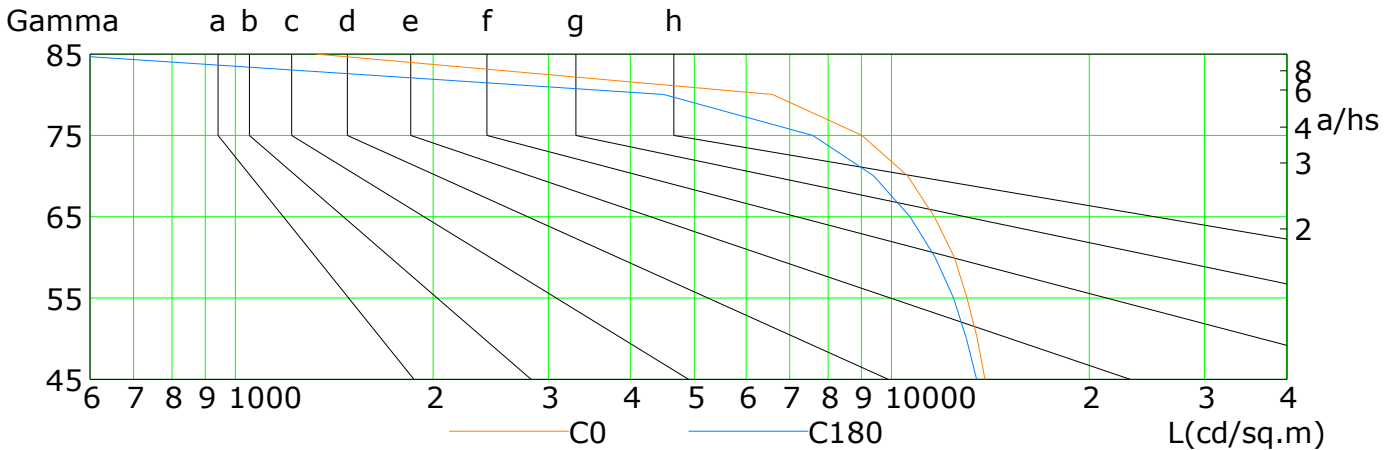
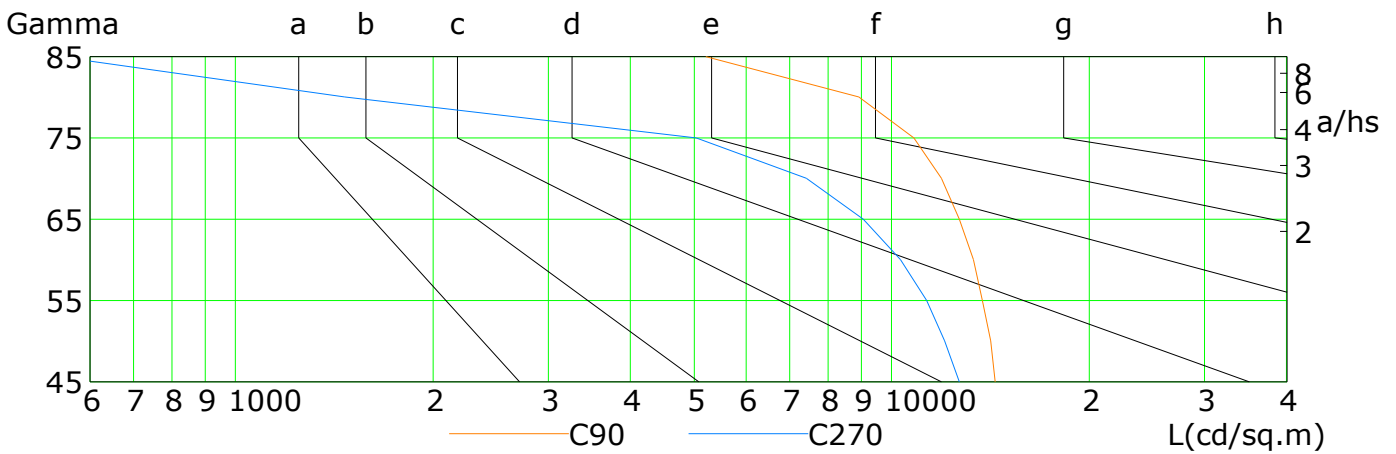
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 Humidity: 65
 Inspector:

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

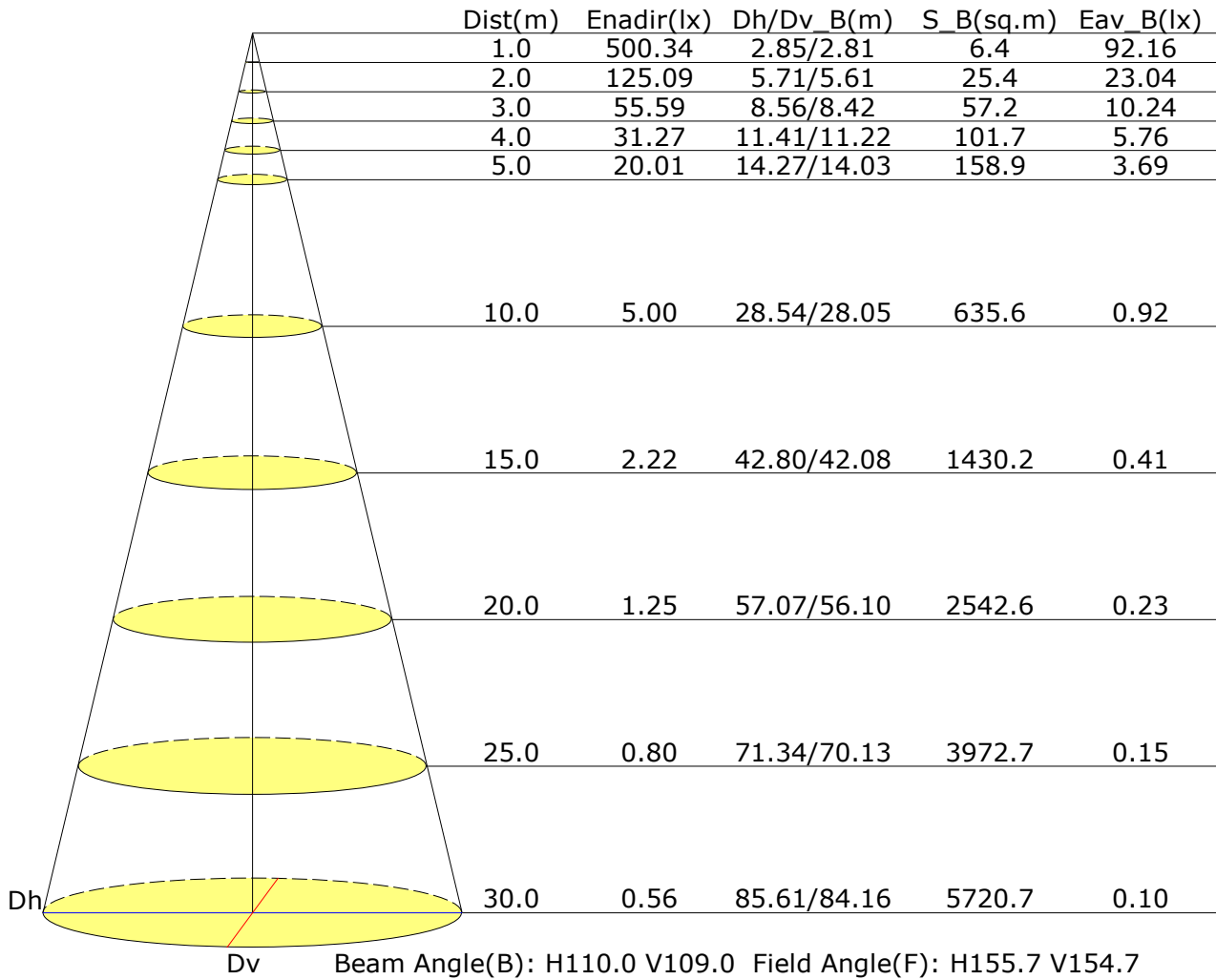


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	13866	13517	13022	12443	11612	10578	9006	6576	1331
C90	14391	14141	13763	13332	12690	11904	10806	8903	5211
C180	13488	13005	12437	11656	10675	9392	7591	4492	542
C270	12674	12049	11308	10311	9054	7411	5042	1468	542

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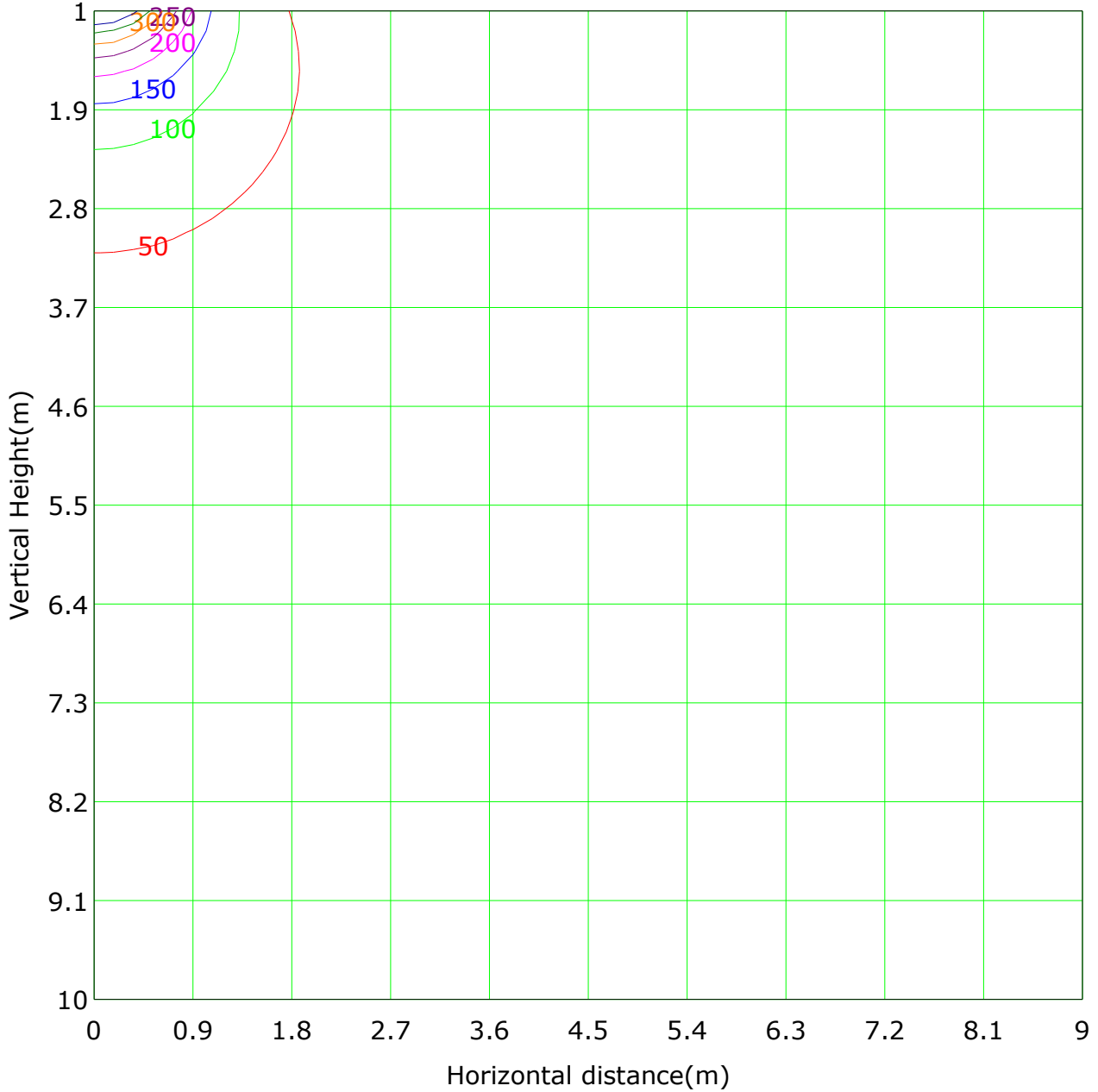
Illuminance at a Distance



C Plane (°):0.0-360.0: 90.0
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 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
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 Humidity: 65
 Inspector:

Vertical IsoLux Plot

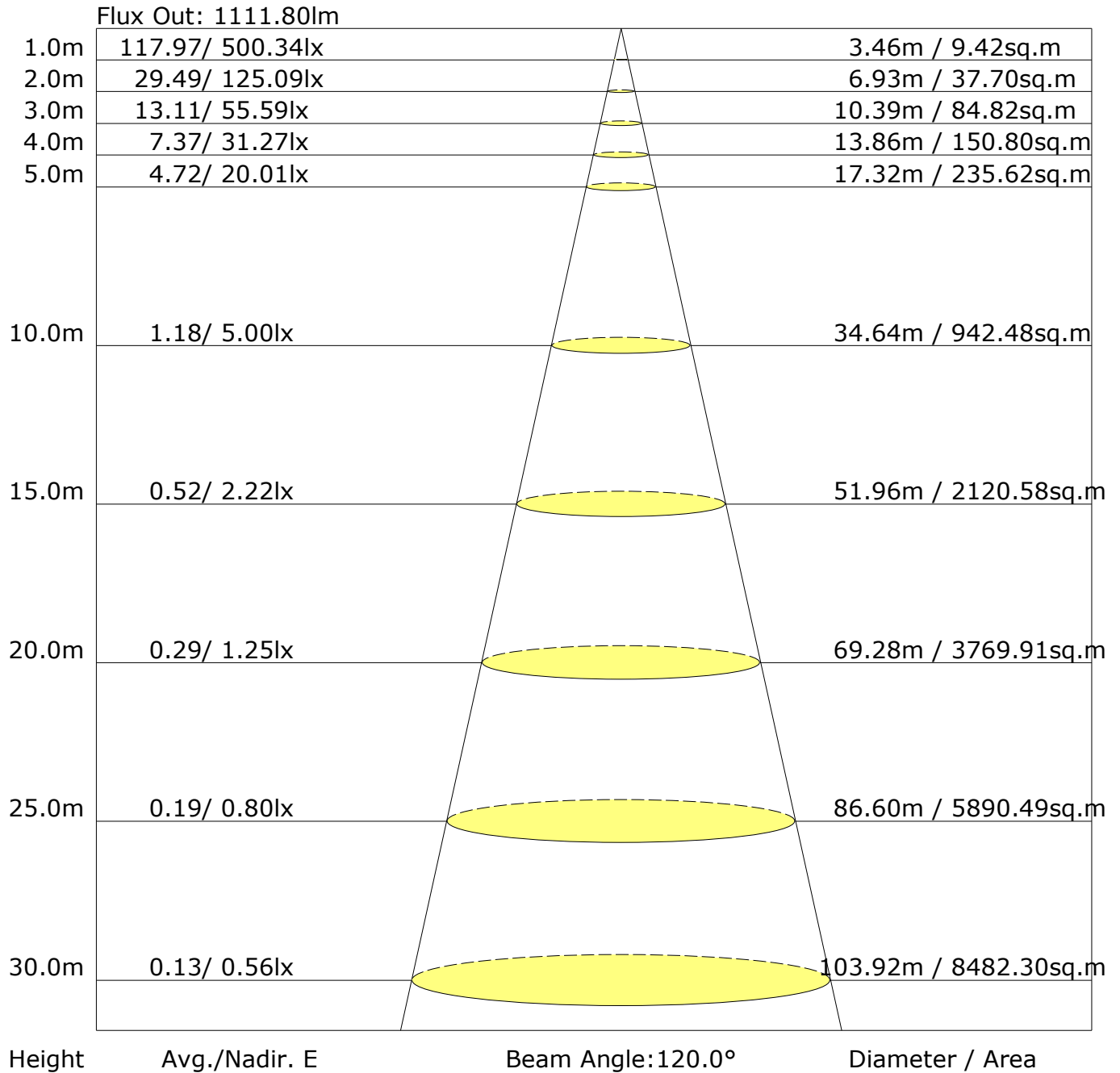


Lowest(m): 1.0m	Highest(m): 10.0m	Max Lux: 500.3 lx
— (10%): 50.0 lx	— (20%): 100.1 lx	
— (30%): 150.1 lx	— (40%): 200.1 lx	
— (50%): 250.2 lx	— (60%): 300.2 lx	
— (70%): 350.2 lx	— (80%): 400.3 lx	

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The Average Illuminance Effective Figure



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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	21.5	22.9	21.8	23.1	23.4	21.4	22.7	21.7	23.0	23.2	
3H	22.9	24.1	23.2	24.4	24.7	22.7	23.9	23.0	24.2	24.5	
4H	23.4	24.5	23.8	24.8	25.2	23.1	24.3	23.5	24.6	24.9	
6H	23.6	24.7	24.0	25.0	25.4	23.4	24.5	23.8	24.8	25.2	
8H	23.7	24.7	24.1	25.1	25.4	23.5	24.5	23.8	24.8	25.2	
12H	23.7	24.6	24.1	25.0	25.4	23.5	24.4	23.9	24.8	25.2	
X=4H Y=2H	22.1	23.3	22.5	23.6	23.9	22.0	23.1	22.4	23.5	23.8	
3H	23.7	24.6	24.1	25.0	25.4	23.5	24.5	23.9	24.8	25.2	
4H	24.3	25.1	24.7	25.5	25.9	24.1	24.9	24.5	25.3	25.7	
6H	24.6	25.4	25.1	25.8	26.2	24.4	25.2	24.8	25.6	26.0	
8H	24.7	25.4	25.1	25.8	26.3	24.5	25.2	24.9	25.6	26.1	
12H	24.7	25.3	25.1	25.7	26.2	24.5	25.1	25.0	25.6	26.1	
X=8H Y=4H	24.4	25.2	24.9	25.6	26.0	24.3	25.0	24.7	25.4	25.9	
6H	24.9	25.4	25.4	25.9	26.4	24.7	25.3	25.2	25.7	26.2	
8H	25.0	25.5	25.5	26.0	26.5	24.8	25.3	25.3	25.8	26.3	
12H	25.0	25.4	25.5	25.9	26.5	24.9	25.3	25.4	25.8	26.3	
X=12H Y=4H	24.4	25.1	24.9	25.5	26.0	24.3	24.9	24.7	25.3	25.8	
6H	24.9	25.4	25.4	25.9	26.4	24.7	25.2	25.2	25.7	26.2	
8H	25.0	25.4	25.5	25.9	26.5	24.9	25.3	25.4	25.8	26.3	
Variations with the observer position at spacings:											
S=1.0H						+0.2/-0.2					+0.3/-0.3
S=1.5H						+0.3/-0.5					+0.6/-0.8
S=2.0H						+0.6/-0.9					+0.7/-1.5

Calculate in accordance with CIE Pub.117. The table is revised with 1378lm ($8\log(F/F_0) = 1.1$).

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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	500.3	0.5	0.5	0.03	0.03
1.0-2.0	500.1	1.4	1.9	0.10	0.14
2.0-3.0	499.8	2.4	4.3	0.17	0.31
3.0-4.0	499.2	3.3	7.6	0.24	0.55
4.0-5.0	498.5	4.3	11.9	0.31	0.87
5.0-6.0	497.6	5.2	17.2	0.38	1.25
6.0-7.0	496.5	6.2	23.3	0.45	1.69
7.0-8.0	495.3	7.1	30.4	0.51	2.21
8.0-9.0	493.9	8.0	38.4	0.58	2.79
9.0-10.0	492.3	8.9	47.3	0.65	3.44
10.0-11.0	490.6	9.8	57.1	0.71	4.15
11.0-12.0	488.7	10.7	67.8	0.78	4.92
12.0-13.0	486.5	11.5	79.4	0.84	5.76
13.0-14.0	484.3	12.4	91.8	0.90	6.66
14.0-15.0	481.9	13.2	105.0	0.96	7.62
15.0-16.0	479.3	14.0	119.0	1.02	8.64
16.0-17.0	476.6	14.8	133.9	1.08	9.72
17.0-18.0	473.6	15.6	149.5	1.13	10.85
18.0-19.0	470.5	16.4	165.9	1.19	12.04
19.0-20.0	467.3	17.1	183.0	1.24	13.28
20.0-21.0	463.8	17.8	200.8	1.29	14.57
21.0-22.0	460.2	18.5	219.3	1.34	15.92
22.0-23.0	456.5	19.2	238.4	1.39	17.31
23.0-24.0	452.6	19.8	258.2	1.44	18.74
24.0-25.0	448.5	20.4	278.6	1.48	20.22
25.0-26.0	444.3	21.0	299.6	1.52	21.75
26.0-27.0	440.0	21.5	321.1	1.56	23.31
27.0-28.0	435.4	22.0	343.2	1.60	24.91
28.0-29.0	430.8	22.5	365.7	1.64	26.54
29.0-30.0	426.0	23.0	388.7	1.67	28.21
30.0-31.0	421.0	23.4	412.2	1.70	29.91
31.0-32.0	415.9	23.8	436.0	1.73	31.64
32.0-33.0	410.6	24.2	460.2	1.76	33.40
33.0-34.0	405.2	24.5	484.7	1.78	35.18
34.0-35.0	399.6	24.8	509.5	1.80	36.98
35.0-36.0	393.7	25.1	534.6	1.82	38.80

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 Humidity: 65
 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	387.7	25.3	559.9	1.84	40.64
37.0-38.0	381.6	25.5	585.4	1.85	42.48
38.0-39.0	375.2	25.6	611.0	1.86	44.34
39.0-40.0	368.5	25.7	636.7	1.87	46.21
40.0-41.0	361.7	25.8	662.4	1.87	48.08
41.0-42.0	354.9	25.8	688.2	1.87	49.95
42.0-43.0	347.9	25.8	714.0	1.87	51.82
43.0-44.0	340.4	25.7	739.7	1.87	53.69
44.0-45.0	332.9	25.6	765.3	1.86	55.54
45.0-46.0	325.6	25.5	790.8	1.85	57.39
46.0-47.0	317.7	25.3	816.0	1.83	59.23
47.0-48.0	309.7	25.0	841.1	1.82	61.04
48.0-49.0	302.1	24.8	865.9	1.80	62.84
49.0-50.0	294.1	24.5	890.4	1.78	64.62
50.0-51.0	285.7	24.2	914.6	1.75	66.38
51.0-52.0	277.4	23.8	938.4	1.73	68.11
52.0-53.0	269.1	23.4	961.8	1.70	69.81
53.0-54.0	260.8	23.0	984.8	1.67	71.47
54.0-55.0	252.3	22.5	1007.3	1.63	73.11
55.0-56.0	243.6	22.0	1029.3	1.60	74.71
56.0-57.0	234.9	21.5	1050.8	1.56	76.27
57.0-58.0	226.3	20.9	1071.7	1.52	77.78
58.0-59.0	217.5	20.3	1092.1	1.48	79.26
59.0-60.0	208.7	19.7	1111.8	1.43	80.69
60.0-61.0	199.8	19.1	1130.9	1.38	82.08
61.0-62.0	190.7	18.4	1149.2	1.33	83.41
62.0-63.0	181.9	17.7	1166.9	1.28	84.69
63.0-64.0	173.2	17.0	1183.9	1.23	85.93
64.0-65.0	164.0	16.2	1200.2	1.18	87.10
65.0-66.0	154.8	15.5	1215.6	1.12	88.23
66.0-67.0	146.1	14.7	1230.3	1.07	89.29
67.0-68.0	137.0	13.9	1244.2	1.01	90.30
68.0-69.0	127.9	13.0	1257.2	0.95	91.25
69.0-70.0	119.2	12.2	1269.5	0.89	92.14
70.0-71.0	110.6	11.4	1280.9	0.83	92.97
71.0-72.0	101.6	10.6	1291.5	0.77	93.73

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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	92.9	9.7	1301.2	0.70	94.44
73.0-74.0	84.4	8.9	1310.1	0.64	95.08
74.0-75.0	76.0	8.0	1318.1	0.58	95.66
75.0-76.0	67.6	7.2	1325.3	0.52	96.19
76.0-77.0	59.4	6.3	1331.6	0.46	96.65
77.0-78.0	51.5	5.5	1337.1	0.40	97.05
78.0-79.0	43.6	4.7	1341.8	0.34	97.39
79.0-80.0	35.7	3.9	1345.7	0.28	97.66
80.0-81.0	28.3	3.1	1348.7	0.22	97.89
81.0-82.0	21.9	2.4	1351.1	0.17	98.06
82.0-83.0	16.3	1.8	1352.9	0.13	98.19
83.0-84.0	11.4	1.2	1354.1	0.09	98.28
84.0-85.0	7.4	0.8	1354.9	0.06	98.34
85.0-86.0	4.6	0.5	1355.4	0.04	98.37
86.0-87.0	2.7	0.3	1355.7	0.02	98.39
87.0-88.0	1.9	0.2	1355.9	0.02	98.41
88.0-89.0	1.8	0.2	1356.1	0.01	98.42
89.0-90.0	1.9	0.2	1356.3	0.02	98.44
90.0-91.0	2.0	0.2	1356.6	0.02	98.46
91.0-92.0	2.0	0.2	1356.8	0.02	98.47
92.0-93.0	2.1	0.2	1357.0	0.02	98.49
93.0-94.0	2.2	0.2	1357.2	0.02	98.51
94.0-95.0	2.2	0.2	1357.5	0.02	98.52
95.0-96.0	2.3	0.2	1357.7	0.02	98.54
96.0-97.0	2.3	0.2	1358.0	0.02	98.56
97.0-98.0	2.3	0.3	1358.2	0.02	98.58
98.0-99.0	2.3	0.3	1358.5	0.02	98.60
99.0-100.0	2.4	0.3	1358.7	0.02	98.61
100.0-101.0	2.4	0.3	1359.0	0.02	98.63
101.0-102.0	2.4	0.3	1359.3	0.02	98.65
102.0-103.0	2.4	0.3	1359.5	0.02	98.67
103.0-104.0	2.4	0.3	1359.8	0.02	98.69
104.0-105.0	2.5	0.3	1360.0	0.02	98.71
105.0-106.0	2.5	0.3	1360.3	0.02	98.73
106.0-107.0	2.5	0.3	1360.6	0.02	98.75
107.0-108.0	2.6	0.3	1360.8	0.02	98.77

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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	1361.1	0.02	98.79
109.0-110.0	2.7	0.3	1361.4	0.02	98.81
110.0-111.0	2.7	0.3	1361.7	0.02	98.83
111.0-112.0	2.8	0.3	1361.9	0.02	98.85
112.0-113.0	2.8	0.3	1362.2	0.02	98.87
113.0-114.0	2.8	0.3	1362.5	0.02	98.89
114.0-115.0	2.9	0.3	1362.8	0.02	98.91
115.0-116.0	3.0	0.3	1363.1	0.02	98.93
116.0-117.0	3.0	0.3	1363.4	0.02	98.95
117.0-118.0	3.1	0.3	1363.7	0.02	98.97
118.0-119.0	3.1	0.3	1364.0	0.02	98.99
119.0-120.0	3.2	0.3	1364.3	0.02	99.02
120.0-121.0	3.2	0.3	1364.6	0.02	99.04
121.0-122.0	3.3	0.3	1364.9	0.02	99.06
122.0-123.0	3.3	0.3	1365.2	0.02	99.08
123.0-124.0	3.4	0.3	1365.5	0.02	99.11
124.0-125.0	3.5	0.3	1365.8	0.02	99.13
125.0-126.0	3.5	0.3	1366.1	0.02	99.15
126.0-127.0	3.6	0.3	1366.5	0.02	99.17
127.0-128.0	3.6	0.3	1366.8	0.02	99.20
128.0-129.0	3.7	0.3	1367.1	0.02	99.22
129.0-130.0	3.7	0.3	1367.4	0.02	99.24
130.0-131.0	3.8	0.3	1367.7	0.02	99.27
131.0-132.0	3.8	0.3	1368.0	0.02	99.29
132.0-133.0	3.9	0.3	1368.4	0.02	99.31
133.0-134.0	4.0	0.3	1368.7	0.02	99.33
134.0-135.0	4.0	0.3	1369.0	0.02	99.36
135.0-136.0	4.1	0.3	1369.3	0.02	99.38
136.0-137.0	4.1	0.3	1369.6	0.02	99.40
137.0-138.0	4.2	0.3	1369.9	0.02	99.42
138.0-139.0	4.2	0.3	1370.2	0.02	99.45
139.0-140.0	4.3	0.3	1370.5	0.02	99.47
140.0-141.0	4.3	0.3	1370.8	0.02	99.49
141.0-142.0	4.4	0.3	1371.1	0.02	99.51
142.0-143.0	4.4	0.3	1371.4	0.02	99.53
143.0-144.0	4.5	0.3	1371.7	0.02	99.56

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

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	4.5	0.3	1372.0	0.02	99.58
145.0-146.0	4.6	0.3	1372.3	0.02	99.60
146.0-147.0	4.6	0.3	1372.6	0.02	99.62
147.0-148.0	4.7	0.3	1372.8	0.02	99.64
148.0-149.0	4.7	0.3	1373.1	0.02	99.66
149.0-150.0	4.8	0.3	1373.4	0.02	99.68
150.0-151.0	4.8	0.3	1373.6	0.02	99.69
151.0-152.0	4.9	0.3	1373.9	0.02	99.71
152.0-153.0	4.9	0.2	1374.1	0.02	99.73
153.0-154.0	5.0	0.2	1374.4	0.02	99.75
154.0-155.0	5.0	0.2	1374.6	0.02	99.77
155.0-156.0	5.1	0.2	1374.8	0.02	99.78
156.0-157.0	5.1	0.2	1375.1	0.02	99.80
157.0-158.0	5.2	0.2	1375.3	0.02	99.82
158.0-159.0	5.2	0.2	1375.5	0.02	99.83
159.0-160.0	5.3	0.2	1375.7	0.01	99.84
160.0-161.0	5.3	0.2	1375.9	0.01	99.86
161.0-162.0	5.4	0.2	1376.1	0.01	99.87
162.0-163.0	5.4	0.2	1376.3	0.01	99.89
163.0-164.0	5.5	0.2	1376.4	0.01	99.90
164.0-165.0	5.5	0.2	1376.6	0.01	99.91
165.0-166.0	5.6	0.2	1376.7	0.01	99.92
166.0-167.0	5.6	0.1	1376.9	0.01	99.93
167.0-168.0	5.6	0.1	1377.0	0.01	99.94
168.0-169.0	5.7	0.1	1377.1	0.01	99.95
169.0-170.0	5.8	0.1	1377.3	0.01	99.96
170.0-171.0	5.8	0.1	1377.4	0.01	99.97
171.0-172.0	5.9	0.1	1377.5	0.01	99.97
172.0-173.0	5.9	0.1	1377.5	0.01	99.98
173.0-174.0	6.0	0.1	1377.6	0.01	99.98
174.0-175.0	6.1	0.1	1377.7	0.00	99.99
175.0-176.0	6.2	0.1	1377.7	0.00	99.99
176.0-177.0	6.3	0.0	1377.8	0.00	100.00
177.0-178.0	6.3	0.0	1377.8	0.00	100.00
178.0-179.0	6.4	0.0	1377.8	0.00	100.00
179.0-180.0	6.4	0.0	1377.8	0.00	100.00

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

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°): 765.30 lm

%lum = 55.5%

%lamp = 55.5%

cone flux(120°): 1111.80 lm

%lum = 80.7%

%lamp = 80.7%

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	500.3	500.3	500.3	500.3	500.3					
G1.0	500.3	500.7	500.2	499.8	500.3					
G2.0	500.1	500.9	499.8	499.1	500.1					
G3.0	499.8	500.8	499.3	498.2	499.8					
G4.0	499.3	500.6	498.6	497.1	499.3					
G5.0	498.5	500.3	497.7	495.8	498.5					
G6.0	497.6	499.6	496.7	494.5	497.6					
G7.0	496.7	498.9	495.5	492.9	496.7					
G8.0	495.4	498.1	494.2	491.0	495.4					
G9.0	494.0	497.0	492.5	489.0	494.0					
G10.0	492.4	495.7	490.8	486.9	492.4					
G11.0	490.9	494.3	488.9	484.7	490.9					
G12.0	488.8	492.8	486.9	482.0	488.8					
G13.0	486.8	490.9	484.5	479.5	486.8					
G14.0	484.5	489.1	482.3	476.7	484.5					
G15.0	482.0	487.0	479.7	473.6	482.0					
G16.0	479.5	484.8	476.9	470.5	479.5					
G17.0	477.0	482.4	474.1	467.4	477.0					
G18.0	474.0	479.5	471.0	463.6	474.0					
G19.0	471.0	476.8	467.9	460.1	471.0					
G20.0	467.8	474.0	464.3	456.4	467.8					
G21.0	464.2	471.0	460.8	452.1	464.2					
G22.0	460.6	467.6	457.3	448.0	460.6					
G23.0	456.7	464.2	453.5	443.8	456.7					
G24.0	452.9	460.8	449.2	439.5	452.9					
G25.0	449.3	456.7	445.2	434.6	449.3					
G26.0	445.2	452.9	441.0	429.9	445.2					
G27.0	440.6	448.8	436.6	425.1	440.6					
G28.0	436.2	444.7	431.7	419.7	436.2					
G29.0	431.6	440.4	427.1	414.8	431.6					
G30.0	426.9	435.9	422.1	409.5	426.9					
G31.0	422.1	430.9	417.2	403.7	422.1					
G32.0	416.8	426.3	411.6	398.2	416.8					
G33.0	411.8	421.1	406.3	392.4	411.8					
G34.0	406.6	416.1	400.9	386.4	406.6					
G35.0	400.7	411.0	395.4	379.5	400.7					
G36.0	395.1	405.2	389.6	373.1	395.1					

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

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	389.5	399.9	382.9	366.4	389.5					
G38.0	383.5	394.2	376.7	359.7	383.5					
G39.0	376.8	388.4	370.3	352.1	376.8					
G40.0	370.5	381.8	362.9	345.0	370.5					
G41.0	364.0	375.6	356.2	337.8	364.0					
G42.0	357.3	369.2	349.1	330.4	357.3					
G43.0	350.4	362.6	341.9	322.1	350.4					
G44.0	342.7	355.2	333.9	314.6	342.7					
G45.0	335.6	348.3	326.4	306.7	335.6					
G46.0	328.3	341.4	318.9	298.9	328.3					
G47.0	320.2	333.4	310.4	290.2	320.2					
G48.0	312.7	326.1	302.7	282.2	312.7					
G49.0	305.2	318.6	294.9	274.1	305.2					
G50.0	297.4	311.1	286.1	265.1	297.4					
G51.0	288.7	302.6	278.1	256.8	288.7					
G52.0	280.7	294.8	270.0	247.6	280.7					
G53.0	272.8	286.9	260.9	239.3	272.8					
G54.0	264.7	278.3	252.5	230.6	264.7					
G55.0	255.6	270.2	244.1	222.0	255.6					
G56.0	247.5	262.2	234.8	212.5	247.5					
G57.0	239.2	253.2	226.3	203.8	239.2					
G58.0	230.0	244.9	217.7	195.1	230.0					
G59.0	221.5	236.6	209.1	185.3	221.5					
G60.0	212.9	228.2	199.5	176.5	212.9					
G61.0	203.5	218.9	190.9	167.7	203.5					
G62.0	195.0	210.3	181.4	158.2	195.0					
G63.0	186.3	201.7	172.7	149.3	186.3					
G64.0	177.6	193.1	164.0	140.5	177.6					
G65.0	168.0	183.6	154.4	131.0	168.0					
G66.0	159.3	174.8	145.6	122.2	159.3					
G67.0	150.6	166.2	136.9	113.5	150.6					
G68.0	141.1	156.6	127.3	103.9	141.1					
G69.0	132.4	147.9	118.6	95.2	132.4					
G70.0	123.8	139.3	109.9	86.8	123.8					
G71.0	114.4	130.7	101.3	78.2	114.4					
G72.0	105.9	121.1	92.1	69.2	105.9					
G73.0	97.4	112.5	83.7	61.1	97.4					

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

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	88.1	104.0	75.4	53.2	88.1					
G75.0	79.8	95.7	67.2	44.7	79.8					
G76.0	71.5	86.4	58.3	37.1	71.5					
G77.0	63.4	78.1	50.5	29.8	63.4					
G78.0	55.3	69.6	42.6	22.6	55.3					
G79.0	47.5	61.6	34.1	15.2	47.5					
G80.0	39.1	52.9	26.7	8.7	39.1					
G81.0	31.6	45.1	19.4	3.1	31.6					
G82.0	24.2	37.6	12.5	1.6	24.2					
G83.0	17.2	30.2	5.3	1.6	17.2					
G84.0	10.4	23.1	1.8	1.6	10.4					
G85.0	4.0	15.5	1.6	1.6	4.0					
G86.0	1.7	8.8	1.6	1.6	1.7					
G87.0	1.8	2.9	1.7	1.7	1.8					
G88.0	1.9	1.9	1.7	1.8	1.9					
G89.0	1.9	1.9	1.8	1.8	1.9					
G90.0	2.0	2.0	1.9	1.9	2.0					
G91.0	2.1	2.0	2.0	2.0	2.1					
G92.0	2.1	2.1	2.1	2.1	2.1					
G93.0	2.2	2.1	2.1	2.2	2.2					
G94.0	2.2	2.1	2.2	2.2	2.2					
G95.0	2.3	2.1	2.2	2.3	2.3					
G96.0	2.3	2.2	2.3	2.4	2.3					
G97.0	2.3	2.2	2.3	2.4	2.3					
G98.0	2.3	2.2	2.4	2.4	2.3					
G99.0	2.3	2.2	2.4	2.5	2.3					
G100.0	2.3	2.2	2.5	2.5	2.3					
G101.0	2.3	2.2	2.5	2.5	2.3					
G102.0	2.3	2.2	2.5	2.5	2.3					
G103.0	2.4	2.3	2.5	2.5	2.4					
G104.0	2.4	2.3	2.5	2.6	2.4					
G105.0	2.5	2.4	2.5	2.6	2.5					
G106.0	2.5	2.4	2.6	2.6	2.5					
G107.0	2.6	2.4	2.6	2.6	2.6					
G108.0	2.6	2.4	2.6	2.7	2.6					
G109.0	2.7	2.5	2.6	2.7	2.7					
G110.0	2.7	2.6	2.7	2.7	2.7					

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

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	2.8	2.6	2.7	2.8	2.8					
G112.0	2.8	2.7	2.8	2.8	2.8					
G113.0	2.9	2.7	2.8	2.9	2.9					
G114.0	2.9	2.8	2.9	2.9	2.9					
G115.0	3.0	2.8	2.9	3.0	3.0					
G116.0	3.0	2.9	3.0	3.0	3.0					
G117.0	3.1	2.9	3.1	3.1	3.1					
G118.0	3.2	3.0	3.1	3.1	3.2					
G119.0	3.2	3.0	3.1	3.2	3.2					
G120.0	3.3	3.1	3.2	3.3	3.3					
G121.0	3.3	3.1	3.2	3.3	3.3					
G122.0	3.4	3.2	3.3	3.4	3.4					
G123.0	3.4	3.2	3.4	3.4	3.4					
G124.0	3.5	3.3	3.4	3.5	3.5					
G125.0	3.6	3.4	3.5	3.5	3.6					
G126.0	3.6	3.5	3.5	3.6	3.6					
G127.0	3.7	3.5	3.6	3.6	3.7					
G128.0	3.7	3.6	3.6	3.7	3.7					
G129.0	3.8	3.7	3.7	3.8	3.8					
G130.0	3.8	3.7	3.8	3.8	3.8					
G131.0	3.9	3.8	3.8	3.8	3.9					
G132.0	4.0	3.8	3.8	3.9	4.0					
G133.0	4.0	3.9	3.9	4.0	4.0					
G134.0	4.1	3.9	3.9	4.0	4.1					
G135.0	4.1	4.0	4.0	4.0	4.1					
G136.0	4.2	4.0	4.0	4.1	4.2					
G137.0	4.2	4.1	4.1	4.1	4.2					
G138.0	4.3	4.2	4.1	4.2	4.3					
G139.0	4.4	4.2	4.2	4.2	4.4					
G140.0	4.4	4.2	4.2	4.3	4.4					
G141.0	4.4	4.3	4.3	4.3	4.4					
G142.0	4.5	4.3	4.4	4.4	4.5					
G143.0	4.5	4.4	4.3	4.4	4.5					
G144.0	4.6	4.5	4.5	4.5	4.6					
G145.0	4.6	4.5	4.5	4.5	4.6					
G146.0	4.7	4.6	4.6	4.6	4.7					
G147.0	4.7	4.6	4.6	4.6	4.7					

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

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	4.8	4.7	4.7	4.7	4.8					
G149.0	4.8	4.7	4.7	4.7	4.8					
G150.0	4.9	4.8	4.7	4.8	4.9					
G151.0	4.9	4.8	4.8	4.8	4.9					
G152.0	5.0	4.8	4.9	4.8	5.0					
G153.0	5.0	4.9	5.0	4.9	5.0					
G154.0	5.1	5.0	5.0	5.0	5.1					
G155.0	5.1	5.0	5.1	5.0	5.1					
G156.0	5.1	5.1	5.1	5.1	5.1					
G157.0	5.2	5.1	5.1	5.1	5.2					
G158.0	5.2	5.2	5.2	5.2	5.2					
G159.0	5.2	5.2	5.3	5.3	5.2					
G160.0	5.3	5.2	5.3	5.3	5.3					
G161.0	5.3	5.3	5.4	5.4	5.3					
G162.0	5.3	5.3	5.5	5.4	5.3					
G163.0	5.4	5.4	5.5	5.5	5.4					
G164.0	5.5	5.4	5.5	5.5	5.5					
G165.0	5.5	5.5	5.7	5.6	5.5					
G166.0	5.6	5.5	5.7	5.6	5.6					
G167.0	5.6	5.5	5.7	5.6	5.6					
G168.0	5.6	5.6	5.8	5.7	5.6					
G169.0	5.7	5.7	5.8	5.8	5.7					
G170.0	5.8	5.7	5.8	5.8	5.8					
G171.0	5.8	5.8	5.9	5.8	5.8					
G172.0	5.9	5.9	5.9	5.9	5.9					
G173.0	6.0	6.0	6.0	5.9	6.0					
G174.0	6.1	6.1	6.0	6.0	6.1					
G175.0	6.2	6.2	6.1	6.1	6.2					
G176.0	6.3	6.3	6.2	6.1	6.3					
G177.0	6.3	6.4	6.3	6.2	6.3					
G178.0	6.4	6.4	6.4	6.3	6.4					
G179.0	6.4	6.5	6.3	6.4	6.4					
G180.0	6.4	6.4	6.4	6.5	6.4					

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

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