



Toilet Q 580mm

05-1507-21-M1

Bathroom Wall Light IP44 Toilet Q 580mm LED 10W 3000K 367lm



TECHNICAL FEATURES

IP44



Power (W) : 10W

Total power consumption of light (W) : 13W

Real lumens : 367

Real lm/W : 28

Colour temperature : LED warm-white 3000K

Structure material : Aluminium

Structure finish : Chrome

Diffuser material : Polycarbonate

Diffuser finish : Opal

Useful life : 50.000h L80B20

Equipment included : Yes, electronic

Voltage / frequency : 110-240V/50-60Hz

Warranty : 5 Years

Max. temperature : 25°C

Energy efficiency : LED A++

LUMINOTECHNIC FEATURES

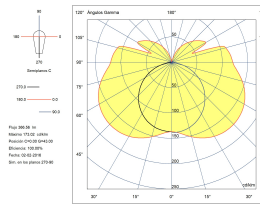
Light source: LED

CRI: 80

UGR

UGR crosswise: 19.9

UGR lengthwise: 14.9



LOGISTICS

Net weight (kg): 0.76

Packaged weight (kg): 1.07



8 Un

Report No.: 05-1507

Test Time: 2012-12-7 08:46

Luminaire Property

Luminaire Manufacturer: LEDS-C4
 Luminaire Category: 05-1507
 Lamp Catalog: LED
 Number of Lamps: 60
 Luminous Length (mm): 580
 Luminous Height (mm): 40
 Current: 0.080 A
 Power Factor: 0.469

Luminaire Description: TOILET Q
 Lamp Description: 10W
 Lumens per Lamp: 15
 Luminous Width (mm): 75
 Voltage: 220.9 V
 Power: 8.30 W

Photometric Results

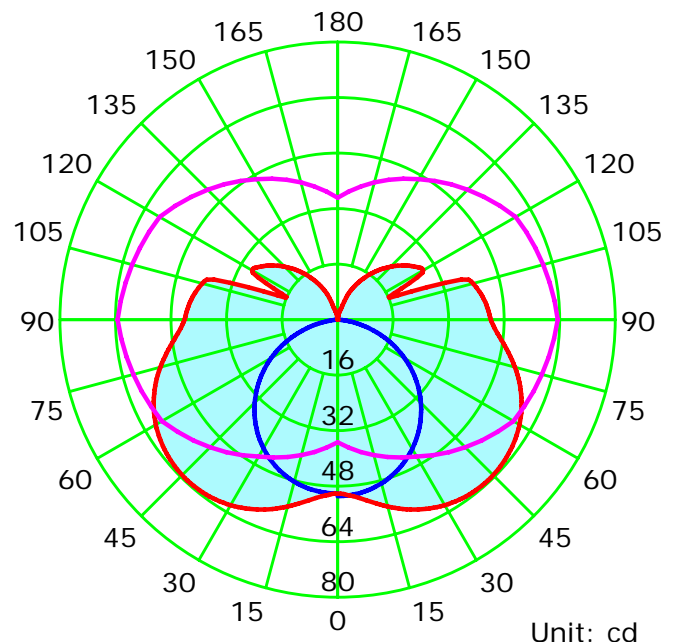
CIE Class: Semi-Direct
 Measurement Flux: 366.6 lm
 Downward Ratio: 29.87%
 Horizontal Diffuse Angle(10%,20%,50%,75%): H159,H147.4,H112.8,H77.9
 Vertical Diffuse Angle(10%,20%,50%,75%): V318.8,V300.3,V218.4,V165.7
 Luminaire Efficacy Rating (LER): 44
 Max. Intensity: 63.42 cd

Total Rated Lamp Lumens: 900.0 lm
 Efficiency: 40.73%
 Upward Ratio: 10.86%
 Central Intensity: 50.87 cd
 Pos of Max. Intensity: H90 V43

Picture Of Luminaire



Luminous Intensity Distribution Curve



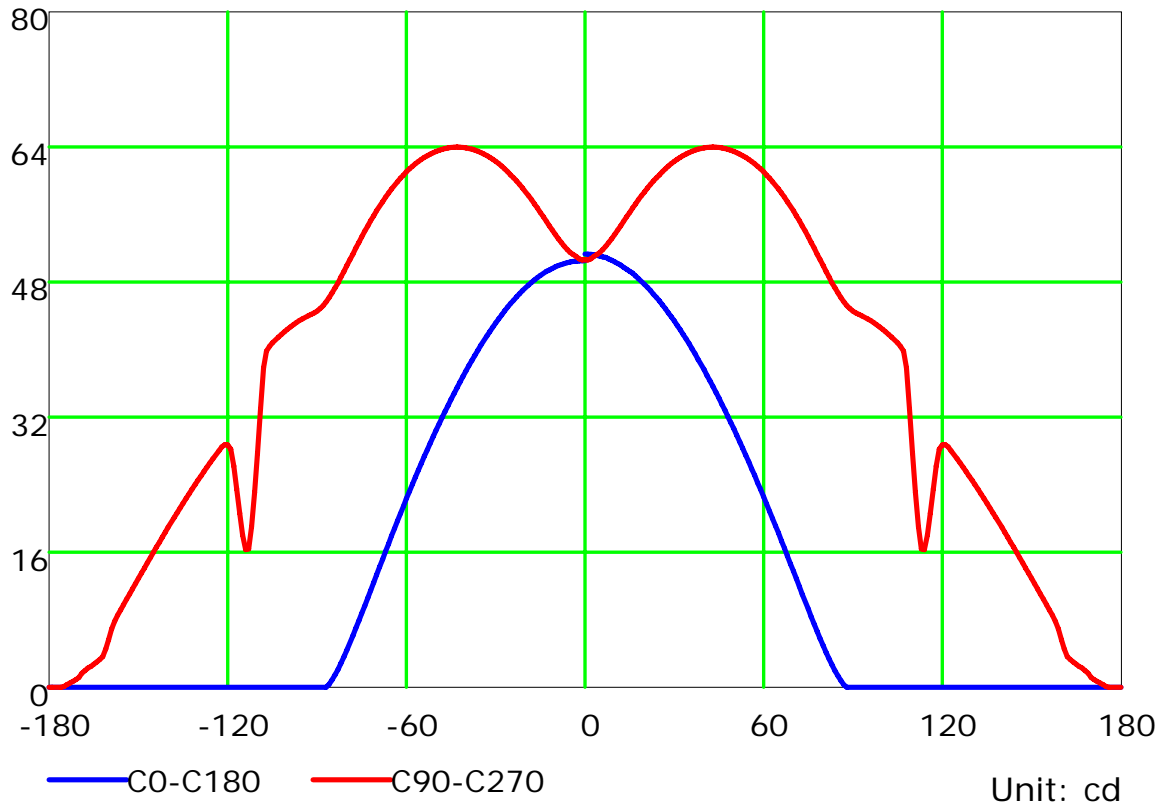
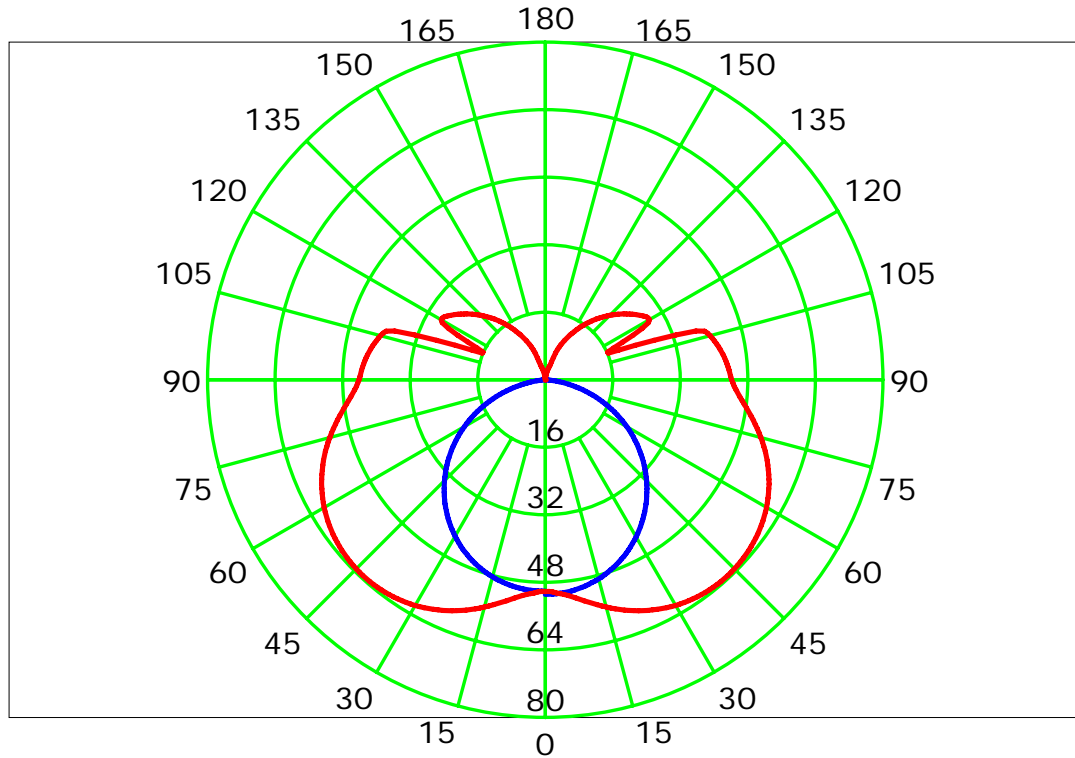
Average Diffuse Angle(50%): 165.6°

— C0-C180 — C90-C270 — G43

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 5.107 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve



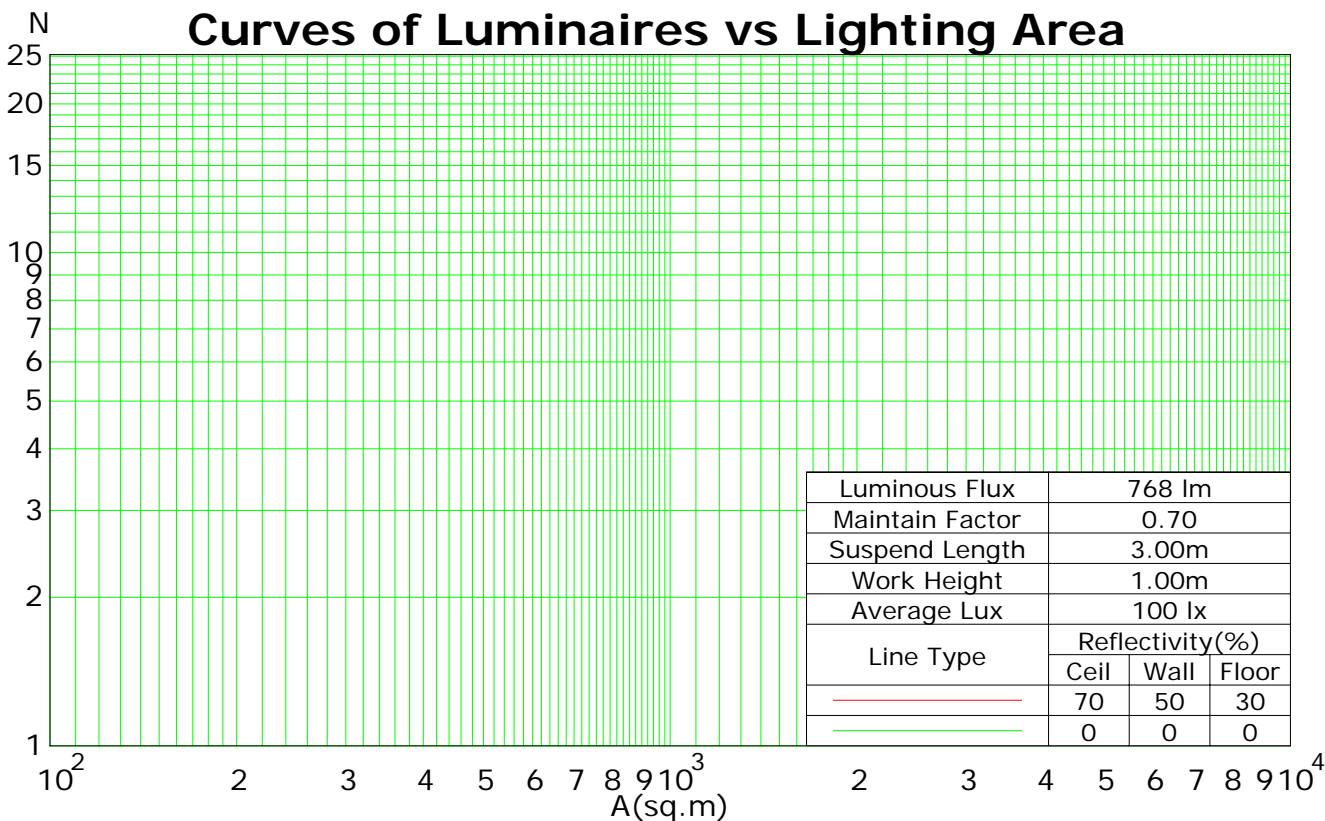
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 Test Lab:
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 Temperature:
 Operator:

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 Distance: 5.107 m
 Humidity:
 Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	46	46	46	46	44	44	44	44	39	39	39	35	35	35	32	32	32	30
1	40	38	35	33	38	36	34	32	32	30	29	28	27	26	25	24	23	22
2	36	32	29	26	34	30	27	25	27	25	22	24	22	20	21	20	18	17
3	32	28	24	21	30	26	23	20	23	20	18	21	18	16	18	16	15	13
4	29	24	20	17	28	23	19	16	20	17	15	18	16	14	16	14	12	11
5	27	21	17	14	25	20	16	14	18	15	13	16	13	11	14	12	10	9
6	25	19	15	12	23	18	14	12	16	13	11	14	12	10	13	11	9	8
7	23	17	13	11	21	16	13	10	14	12	9	13	10	9	12	9	8	7
8	21	15	12	9	20	15	11	9	13	10	8	12	9	8	11	8	7	6
9	20	14	11	8	18	13	10	8	12	9	7	11	8	7	10	8	6	5
10	18	13	9	7	17	12	9	7	11	8	7	10	8	6	9	7	5	5

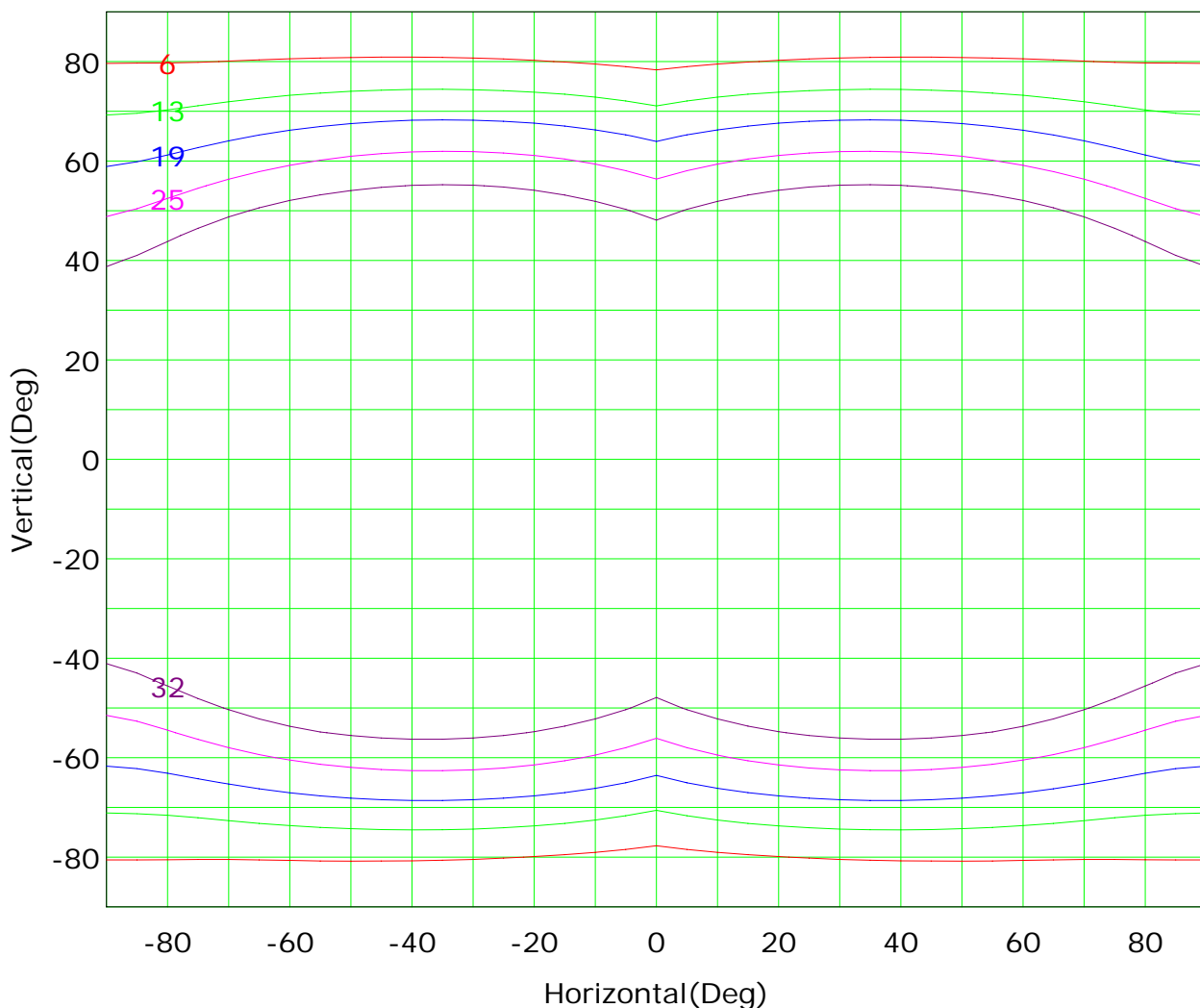
Spacing Criteria (0-180): 1.25
 Spacing Criteria (90-270): 1.85
 Spacing Criteria (Diagonal): 1.73



C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 5.107 m
 Humidity:
 Inspector:

Isocandela (rectangle)



Imax (100%): 63 cd

— (10%):	6 cd	— (20%):	13 cd
— (30%):	19 cd	— (40%):	25 cd
— (50%):	32 cd	— (100%):	63 cd

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

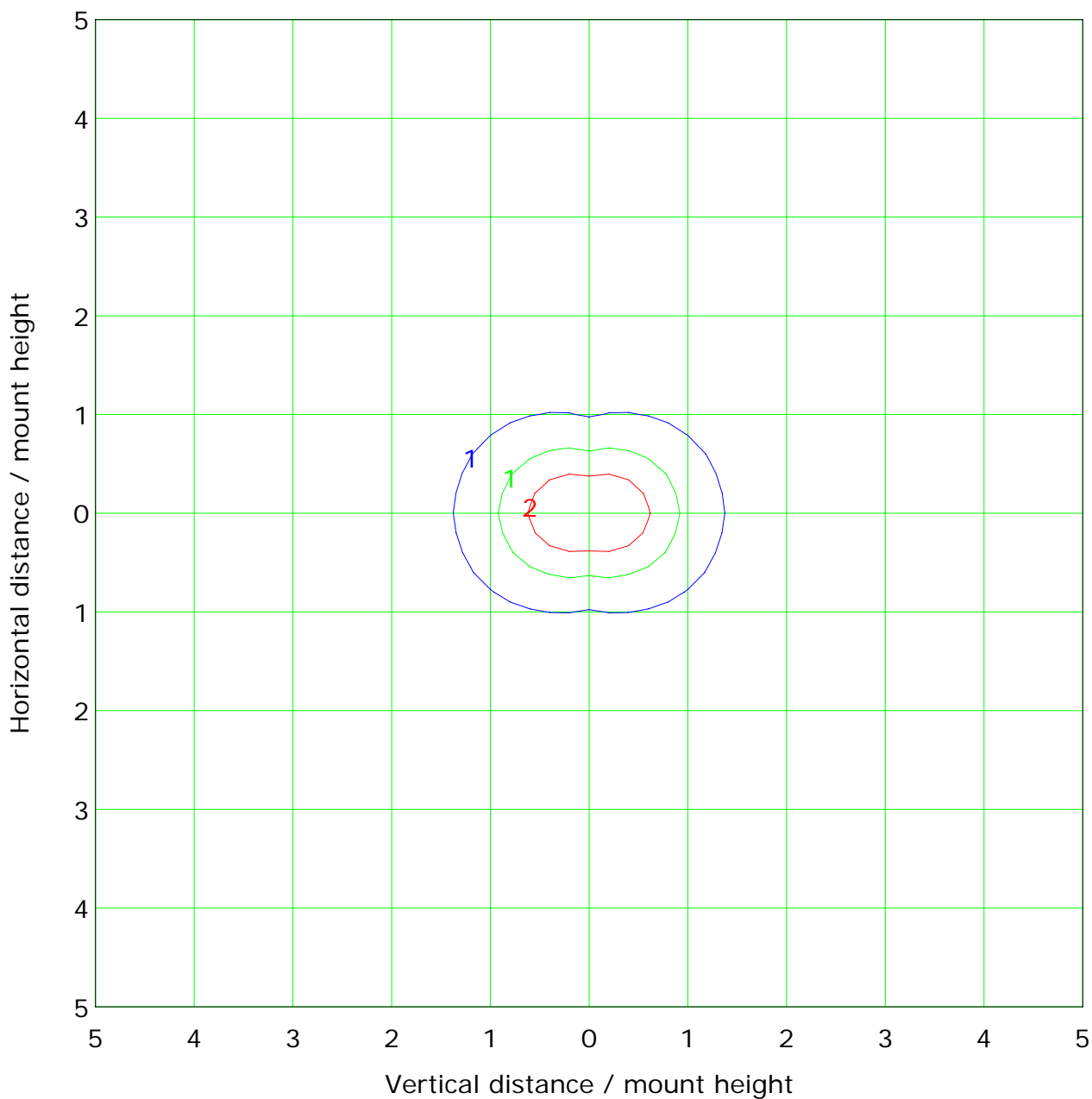
Test Device: GPM-1800B

Distance: 5.107 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 5m Max Lux(100%): 2 lx
— (75%): 2 lx — (50%): 1 lx
— (25%): 1 lx — (0%): 0 lx

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

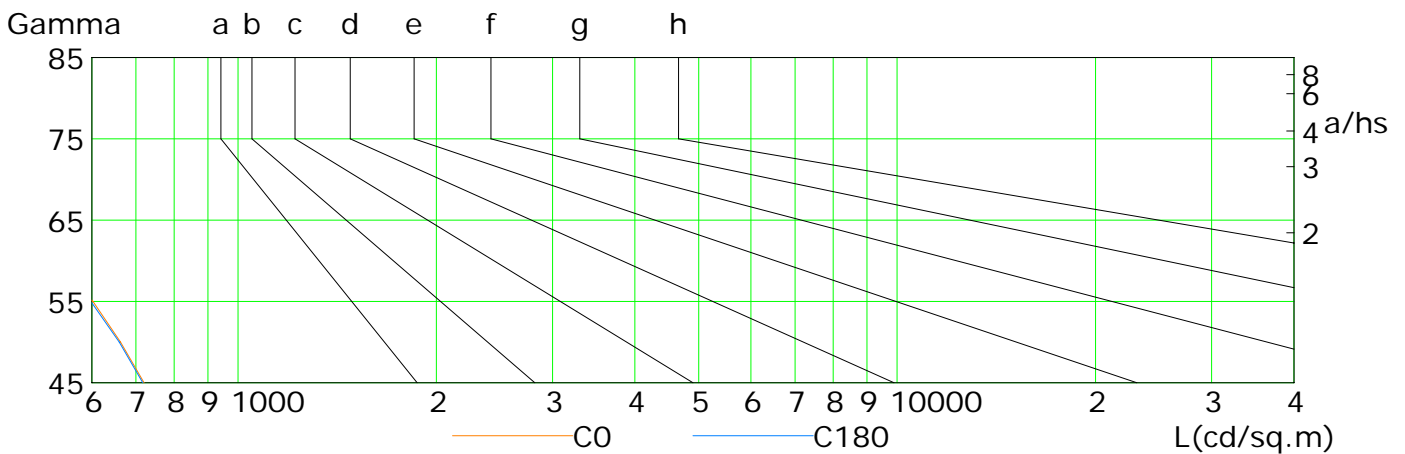
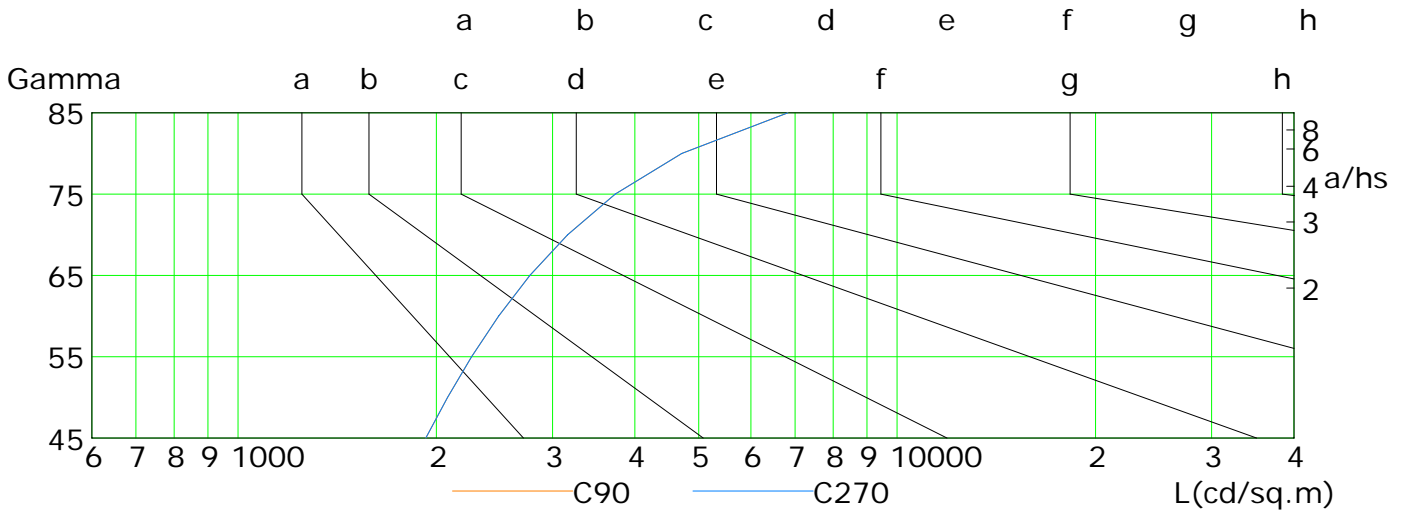
Distance: 5.107 m

Humidity:

Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		a	b	c	d	e	f	g	h
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

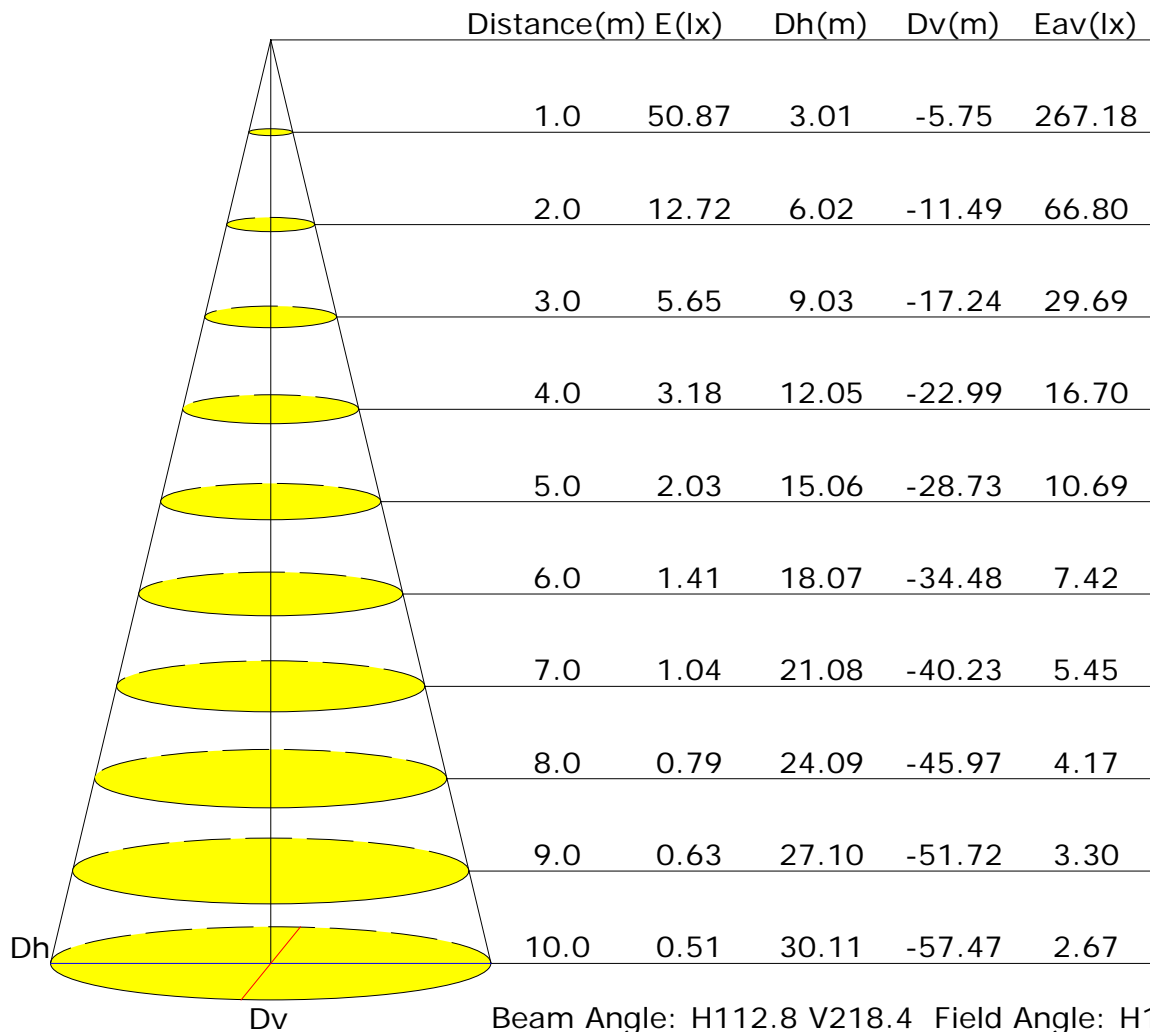


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	720	663	602	534	460	372	273	161	49
C90	1927	2079	2261	2486	2772	3162	3735	4712	6826
C180	717	660	598	529	451	360	258	144	32
C270	1927	2079	2261	2486	2772	3162	3735	4712	6826

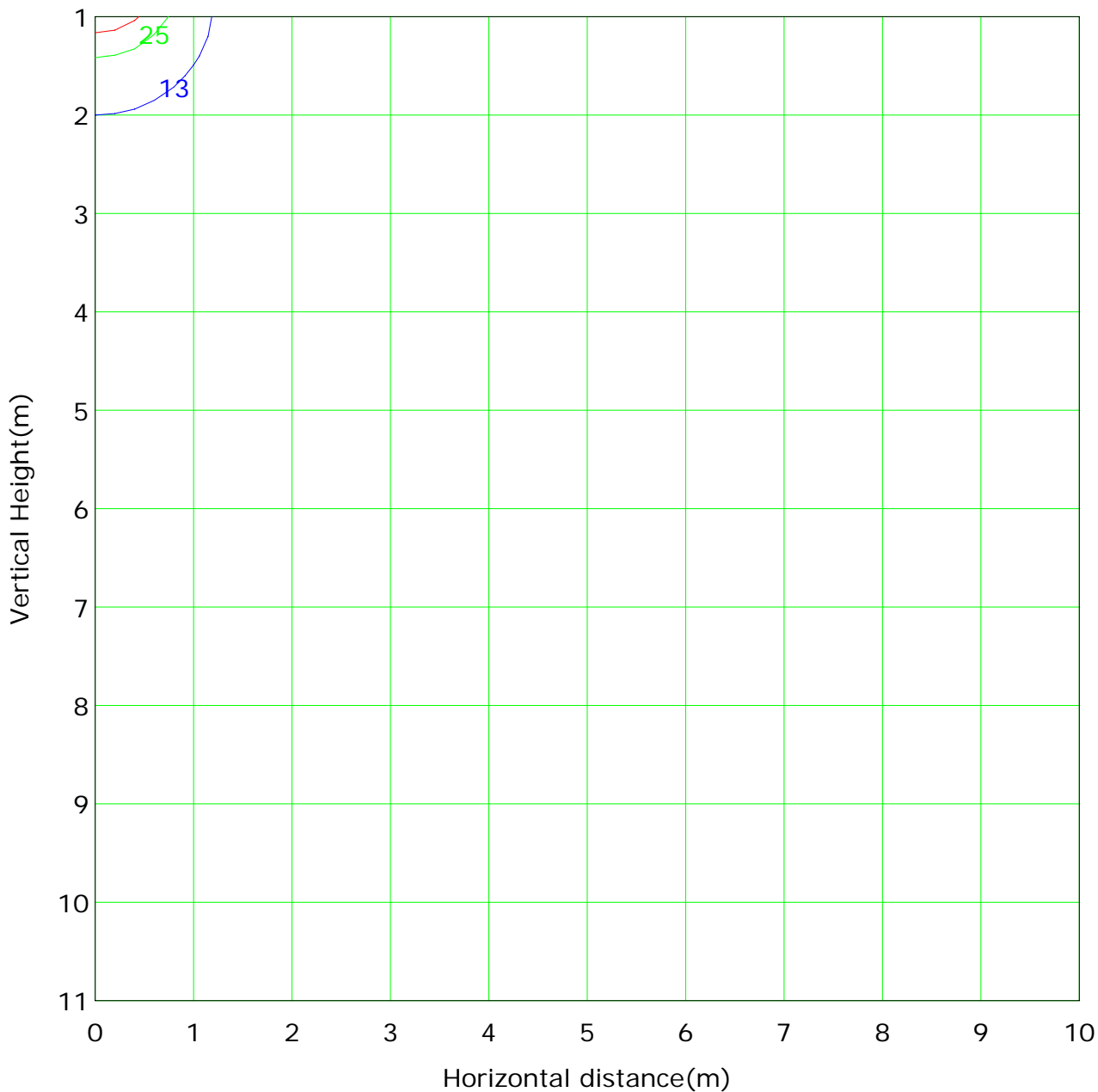
C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 5.107 m
 Humidity:
 Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1m	Highest(m): 11	Max Lux: 51
— (75%): 38 lx	— (50%): 25 lx	
— (25%): 13 lx	— (0%): 0 lx	

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

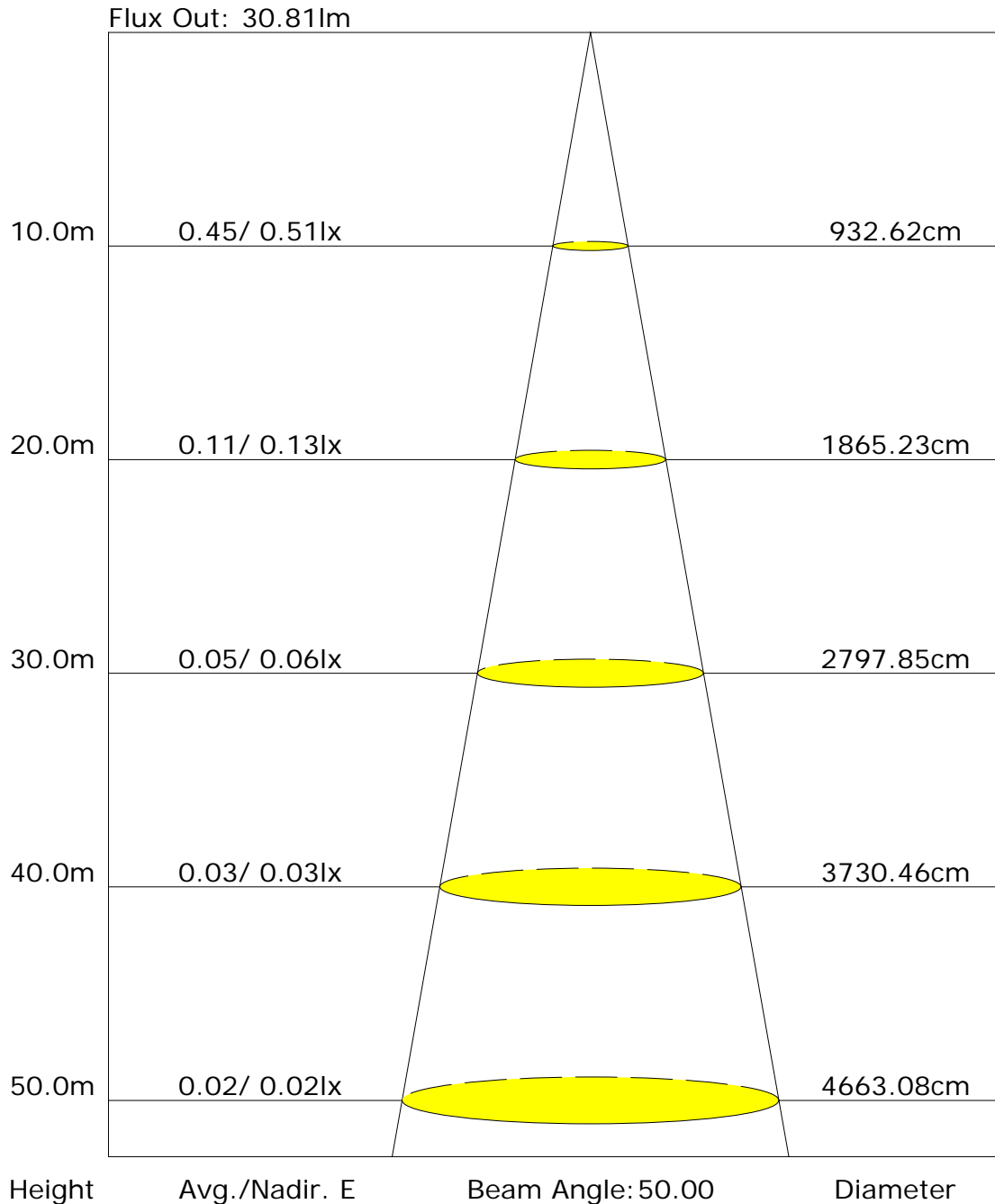
Test Device: GPM-1800B

Distance: 5.107 m

Humidity:

Inspector:

The average illuminance effective figure



C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 5.107 m

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	50.3	0.0	0.0	0.01	0.01
1.0-2.0	50.3	0.1	0.2	0.02	0.02
2.0-3.0	50.4	0.2	0.4	0.03	0.05
3.0-4.0	50.5	0.3	0.8	0.04	0.09
4.0-5.0	50.6	0.4	1.2	0.05	0.13
5.0-6.0	50.7	0.5	1.7	0.06	0.19
6.0-7.0	50.8	0.6	2.4	0.07	0.26
7.0-8.0	50.9	0.7	3.1	0.08	0.34
8.0-9.0	51.1	0.8	3.9	0.09	0.44
9.0-10.0	51.2	0.9	4.9	0.10	0.54
10.0-11.0	51.4	1.0	5.9	0.11	0.65
11.0-12.0	51.6	1.1	7.0	0.13	0.78
12.0-13.0	51.7	1.2	8.2	0.14	0.92
13.0-14.0	51.9	1.3	9.6	0.15	1.06
14.0-15.0	52.1	1.4	11.0	0.16	1.22
15.0-16.0	52.3	1.5	12.5	0.17	1.39
16.0-17.0	52.4	1.6	14.2	0.18	1.57
17.0-18.0	52.6	1.7	15.9	0.19	1.77
18.0-19.0	52.7	1.8	17.7	0.20	1.97
19.0-20.0	52.8	1.9	19.7	0.21	2.18
20.0-21.0	53.0	2.0	21.7	0.23	2.41
21.0-22.0	53.1	2.1	23.8	0.24	2.65
22.0-23.0	53.1	2.2	26.1	0.25	2.90
23.0-24.0	53.2	2.3	28.4	0.26	3.15
24.0-25.0	53.3	2.4	30.8	0.27	3.42
25.0-26.0	53.3	2.5	33.3	0.28	3.70
26.0-27.0	53.4	2.6	35.9	0.29	3.99
27.0-28.0	53.4	2.7	38.6	0.30	4.29
28.0-29.0	53.4	2.8	41.4	0.31	4.60
29.0-30.0	53.3	2.9	44.3	0.32	4.92
30.0-31.0	53.3	3.0	47.3	0.33	5.25
31.0-32.0	53.3	3.1	50.3	0.34	5.59
32.0-33.0	53.2	3.1	53.5	0.35	5.94
33.0-34.0	53.1	3.2	56.7	0.36	6.30
34.0-35.0	53.0	3.3	60.0	0.37	6.66
35.0-36.0	52.9	3.4	63.3	0.37	7.04

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 5.107 m
 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	52.8	3.4	66.8	0.38	7.42
37.0-38.0	52.6	3.5	70.3	0.39	7.81
38.0-39.0	52.4	3.6	73.9	0.40	8.21
39.0-40.0	52.2	3.6	77.5	0.40	8.61
40.0-41.0	52.0	3.7	81.2	0.41	9.02
41.0-42.0	51.8	3.8	85.0	0.42	9.44
42.0-43.0	51.6	3.8	88.8	0.42	9.87
43.0-44.0	51.3	3.9	92.7	0.43	10.30
44.0-45.0	51.1	3.9	96.6	0.44	10.73
45.0-46.0	50.8	4.0	100.6	0.44	11.18
46.0-47.0	50.5	4.0	104.6	0.45	11.62
47.0-48.0	50.1	4.1	108.6	0.45	12.07
48.0-49.0	49.8	4.1	112.7	0.45	12.53
49.0-50.0	49.4	4.1	116.9	0.46	12.98
50.0-51.0	49.1	4.2	121.0	0.46	13.45
51.0-52.0	48.7	4.2	125.2	0.46	13.91
52.0-53.0	48.3	4.2	129.4	0.47	14.38
53.0-54.0	47.9	4.2	133.6	0.47	14.85
54.0-55.0	47.4	4.2	137.8	0.47	15.32
55.0-56.0	47.0	4.2	142.1	0.47	15.79
56.0-57.0	46.5	4.3	146.4	0.47	16.26
57.0-58.0	46.1	4.3	150.6	0.47	16.73
58.0-59.0	45.6	4.3	154.9	0.47	17.21
59.0-60.0	45.0	4.3	159.1	0.47	17.68
60.0-61.0	44.5	4.2	163.4	0.47	18.15
61.0-62.0	44.0	4.2	167.6	0.47	18.62
62.0-63.0	43.4	4.2	171.8	0.47	19.09
63.0-64.0	42.8	4.2	176.0	0.47	19.56
64.0-65.0	42.2	4.2	180.2	0.46	20.02
65.0-66.0	41.6	4.2	184.4	0.46	20.49
66.0-67.0	41.0	4.1	188.5	0.46	20.94
67.0-68.0	40.3	4.1	192.6	0.45	21.40
68.0-69.0	39.7	4.0	196.6	0.45	21.85
69.0-70.0	39.0	4.0	200.6	0.45	22.29
70.0-71.0	38.3	4.0	204.6	0.44	22.73
71.0-72.0	37.7	3.9	208.5	0.44	23.17

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 5.107 m

Humidity:

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	37.0	3.9	212.4	0.43	23.60
73.0-74.0	36.2	3.8	216.2	0.42	24.02
74.0-75.0	35.5	3.8	219.9	0.42	24.44
75.0-76.0	34.8	3.7	223.6	0.41	24.85
76.0-77.0	34.1	3.6	227.3	0.40	25.25
77.0-78.0	33.3	3.6	230.8	0.40	25.65
78.0-79.0	32.6	3.5	234.3	0.39	26.04
79.0-80.0	31.9	3.4	237.8	0.38	26.42
80.0-81.0	31.2	3.4	241.1	0.37	26.79
81.0-82.0	30.5	3.3	244.5	0.37	27.16
82.0-83.0	29.8	3.2	247.7	0.36	27.52
83.0-84.0	29.1	3.2	250.9	0.35	27.87
84.0-85.0	28.5	3.1	254.0	0.35	28.22
85.0-86.0	28.0	3.1	257.0	0.34	28.56
86.0-87.0	27.5	3.0	260.0	0.33	28.89
87.0-88.0	27.1	3.0	263.0	0.33	29.22
88.0-89.0	26.7	2.9	265.9	0.33	29.55
89.0-90.0	26.5	2.9	268.8	0.32	29.87
90.0-91.0	26.3	2.9	271.7	0.32	30.19
91.0-92.0	26.2	2.9	274.6	0.32	30.51
92.0-93.0	26.1	2.9	277.5	0.32	30.83
93.0-94.0	25.9	2.8	280.3	0.32	31.14
94.0-95.0	25.8	2.8	283.1	0.31	31.46
95.0-96.0	25.7	2.8	285.9	0.31	31.77
96.0-97.0	25.5	2.8	288.7	0.31	32.08
97.0-98.0	25.4	2.8	291.5	0.31	32.39
98.0-99.0	25.2	2.7	294.2	0.30	32.69
99.0-100.0	25.0	2.7	296.9	0.30	32.99
100.0-101.0	24.9	2.7	299.6	0.30	33.29
101.0-102.0	24.7	2.7	302.2	0.29	33.58
102.0-103.0	24.5	2.6	304.9	0.29	33.87
103.0-104.0	24.2	2.6	307.4	0.29	34.16
104.0-105.0	23.9	2.5	310.0	0.28	34.44
105.0-106.0	23.6	2.5	312.5	0.28	34.72
106.0-107.0	22.8	2.4	314.9	0.27	34.99
107.0-108.0	21.5	2.2	317.1	0.25	35.24

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 5.107 m
 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	19.6	2.0	319.2	0.23	35.46
109.0-110.0	17.4	1.8	321.0	0.20	35.66
110.0-111.0	15.5	1.6	322.6	0.18	35.84
111.0-112.0	14.2	1.4	324.0	0.16	36.00
112.0-113.0	13.6	1.4	325.4	0.15	36.15
113.0-114.0	13.6	1.4	326.7	0.15	36.31
114.0-115.0	14.2	1.4	328.2	0.16	36.46
115.0-116.0	15.0	1.5	329.7	0.17	36.63
116.0-117.0	15.8	1.5	331.2	0.17	36.80
117.0-118.0	16.3	1.6	332.8	0.18	36.98
118.0-119.0	16.6	1.6	334.4	0.18	37.15
119.0-120.0	16.6	1.6	336.0	0.18	37.33
120.0-121.0	16.5	1.6	337.5	0.17	37.50
121.0-122.0	16.3	1.5	339.1	0.17	37.67
122.0-123.0	16.0	1.5	340.5	0.16	37.84
123.0-124.0	15.7	1.4	342.0	0.16	38.00
124.0-125.0	15.4	1.4	343.4	0.15	38.15
125.0-126.0	15.0	1.3	344.7	0.15	38.30
126.0-127.0	14.7	1.3	346.0	0.14	38.44
127.0-128.0	14.4	1.3	347.3	0.14	38.58
128.0-129.0	14.1	1.2	348.5	0.13	38.72
129.0-130.0	13.8	1.2	349.6	0.13	38.85
130.0-131.0	13.4	1.1	350.7	0.12	38.97
131.0-132.0	13.1	1.1	351.8	0.12	39.09
132.0-133.0	12.8	1.0	352.9	0.11	39.21
133.0-134.0	12.4	1.0	353.8	0.11	39.32
134.0-135.0	12.1	0.9	354.8	0.10	39.42
135.0-136.0	11.7	0.9	355.7	0.10	39.52
136.0-137.0	11.4	0.9	356.5	0.10	39.62
137.0-138.0	11.0	0.8	357.4	0.09	39.71
138.0-139.0	10.6	0.8	358.1	0.09	39.79
139.0-140.0	10.3	0.7	358.9	0.08	39.87
140.0-141.0	9.9	0.7	359.6	0.08	39.95
141.0-142.0	9.6	0.7	360.2	0.07	40.02
142.0-143.0	9.2	0.6	360.8	0.07	40.09
143.0-144.0	8.7	0.6	361.4	0.06	40.15

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 5.107 m
 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	8.3	0.5	361.9	0.06	40.21
145.0-146.0	7.8	0.5	362.4	0.05	40.27
146.0-147.0	7.4	0.4	362.8	0.05	40.32
147.0-148.0	7.0	0.4	363.3	0.05	40.36
148.0-149.0	6.7	0.4	363.6	0.04	40.40
149.0-150.0	6.3	0.4	364.0	0.04	40.44
150.0-151.0	6.0	0.3	364.3	0.04	40.48
151.0-152.0	5.7	0.3	364.6	0.03	40.51
152.0-153.0	5.4	0.3	364.9	0.03	40.54
153.0-154.0	5.0	0.2	365.1	0.03	40.57
154.0-155.0	4.8	0.2	365.4	0.02	40.60
155.0-156.0	4.5	0.2	365.6	0.02	40.62
156.0-157.0	4.1	0.2	365.7	0.02	40.64
157.0-158.0	3.8	0.2	365.9	0.02	40.66
158.0-159.0	3.2	0.1	366.0	0.01	40.67
159.0-160.0	2.7	0.1	366.1	0.01	40.68
160.0-161.0	2.3	0.1	366.2	0.01	40.69
161.0-162.0	2.0	0.1	366.3	0.01	40.70
162.0-163.0	1.7	0.1	366.3	0.01	40.71
163.0-164.0	1.5	0.0	366.4	0.01	40.71
164.0-165.0	1.4	0.0	366.4	0.00	40.71
165.0-166.0	1.2	0.0	366.5	0.00	40.72
166.0-167.0	1.0	0.0	366.5	0.00	40.72
167.0-168.0	0.9	0.0	366.5	0.00	40.72
168.0-169.0	0.7	0.0	366.5	0.00	40.73
169.0-170.0	0.5	0.0	366.5	0.00	40.73
170.0-171.0	0.4	0.0	366.5	0.00	40.73
171.0-172.0	0.3	0.0	366.6	0.00	40.73
172.0-173.0	0.2	0.0	366.6	0.00	40.73
173.0-174.0	0.1	0.0	366.6	0.00	40.73
174.0-175.0	0.1	0.0	366.6	0.00	40.73
175.0-176.0	0.0	0.0	366.6	0.00	40.73
176.0-177.0	0.0	0.0	366.6	0.00	40.73
177.0-178.0	0.0	0.0	366.6	0.00	40.73
178.0-179.0	0.0	0.0	366.6	0.00	40.73
179.0-180.0	0.0	0.0	366.6	0.00	40.73

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 5.107 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

GVC	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0			
G0.0	50.9	50.6	50.5	50.2	50.1	50.1	50.1			
G1.0	50.8	50.5	50.5	50.2	50.1	50.0	50.1			
G2.0	50.8	50.5	50.5	50.3	50.1	50.0	50.1			
G3.0	50.8	50.5	50.6	50.6	50.3	50.1	50.0			
G4.0	50.7	50.5	50.8	50.8	50.5	50.2	50.0			
G5.0	50.6	50.6	51.0	51.0	50.7	50.3	49.9			
G6.0	50.5	50.6	51.1	51.4	50.8	50.3	49.8			
G7.0	50.5	50.6	51.3	51.8	51.1	50.3	49.7			
G8.0	50.3	50.6	51.6	52.2	51.4	50.4	49.6			
G9.0	50.1	50.6	51.9	52.7	51.7	50.4	49.5			
G10.0	49.9	50.5	52.2	53.2	52.0	50.4	49.3			
G11.0	49.8	50.5	52.5	53.7	52.4	50.4	49.2			
G12.0	49.6	50.5	52.8	54.2	52.7	50.4	49.0			
G13.0	49.3	50.5	53.2	54.7	53.1	50.5	48.8			
G14.0	49.1	50.5	53.5	55.2	53.5	50.5	48.6			
G15.0	48.8	50.4	53.9	55.7	53.9	50.6	48.3			
G16.0	48.6	50.4	54.2	56.3	54.3	50.6	48.1			
G17.0	48.3	50.4	54.6	56.8	54.6	50.6	47.8			
G18.0	48.0	50.3	54.9	57.2	55.0	50.6	47.5			
G19.0	47.6	50.3	55.2	57.7	55.4	50.6	47.2			
G20.0	47.3	50.2	55.6	58.2	55.7	50.6	46.9			
G21.0	47.0	50.2	55.9	58.6	56.1	50.5	46.6			
G22.0	46.6	50.1	56.2	59.0	56.4	50.5	46.2			
G23.0	46.2	50.0	56.5	59.4	56.7	50.5	45.8			
G24.0	45.8	49.9	56.7	59.8	57.0	50.4	45.4			
G25.0	45.3	49.8	57.0	60.2	57.3	50.4	45.0			
G26.0	44.9	49.7	57.2	60.5	57.5	50.3	44.6			
G27.0	44.5	49.5	57.5	60.8	57.8	50.2	44.2			
G28.0	44.0	49.4	57.7	61.2	58.0	50.1	43.7			
G29.0	43.5	49.2	57.8	61.5	58.3	50.0	43.3			
G30.0	43.0	49.1	58.0	61.7	58.5	49.9	42.8			
G31.0	42.5	48.9	58.2	62.0	58.6	49.7	42.3			
G32.0	42.0	48.7	58.3	62.2	58.8	49.6	41.8			
G33.0	41.4	48.5	58.4	62.4	58.9	49.4	41.2			
G34.0	40.9	48.2	58.5	62.6	59.0	49.2	40.7			
G35.0	40.3	48.0	58.6	62.8	59.1	49.0	40.2			
G36.0	39.7	47.8	58.6	62.9	59.2	48.8	39.6			

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 5.107 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

GVC	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0			
G37.0	39.1	47.5	58.7	63.0	59.3	48.5	39.0			
G38.0	38.5	47.2	58.7	63.2	59.3	48.3	38.4			
G39.0	37.9	46.9	58.7	63.2	59.3	48.0	37.8			
G40.0	37.3	46.6	58.7	63.3	59.3	47.7	37.1			
G41.0	36.6	46.3	58.6	63.4	59.3	47.4	36.5			
G42.0	36.0	45.9	58.6	63.4	59.3	47.1	35.8			
G43.0	35.3	45.5	58.5	63.4	59.3	46.8	35.2			
G44.0	34.6	45.2	58.4	63.4	59.2	46.4	34.5			
G45.0	34.0	44.8	58.3	63.4	59.1	46.1	33.8			
G46.0	33.2	44.4	58.2	63.3	59.0	45.7	33.1			
G47.0	32.5	44.0	58.0	63.2	58.8	45.3	32.4			
G48.0	31.8	43.5	57.8	63.2	58.7	44.9	31.7			
G49.0	31.1	43.1	57.6	63.0	58.5	44.5	30.9			
G50.0	30.3	42.7	57.4	62.9	58.3	44.0	30.2			
G51.0	29.6	42.2	57.2	62.8	58.1	43.6	29.4			
G52.0	28.8	41.7	57.0	62.6	57.9	43.1	28.6			
G53.0	28.0	41.2	56.7	62.4	57.7	42.6	27.9			
G54.0	27.3	40.7	56.4	62.2	57.4	42.2	27.1			
G55.0	26.5	40.1	56.1	62.0	57.1	41.6	26.3			
G56.0	25.6	39.6	55.8	61.7	56.8	41.1	25.5			
G57.0	24.9	39.0	55.5	61.5	56.5	40.6	24.6			
G58.0	24.0	38.5	55.1	61.2	56.1	40.0	23.8			
G59.0	23.2	37.9	54.8	60.8	55.8	39.4	23.0			
G60.0	22.4	37.3	54.4	60.5	55.4	38.9	22.1			
G61.0	21.5	36.7	53.9	60.1	55.0	38.2	21.3			
G62.0	20.7	36.1	53.5	59.8	54.6	37.6	20.4			
G63.0	19.8	35.4	53.1	59.4	54.1	37.0	19.6			
G64.0	19.0	34.8	52.6	58.9	53.7	36.3	18.6			
G65.0	18.1	34.2	52.1	58.5	53.2	35.7	17.8			
G66.0	17.2	33.5	51.6	58.0	52.7	35.0	16.9			
G67.0	16.3	32.8	51.1	57.5	52.1	34.3	15.9			
G68.0	15.4	32.1	50.5	57.0	51.6	33.6	15.0			
G69.0	14.5	31.4	50.0	56.5	51.0	32.9	14.1			
G70.0	13.6	30.7	49.4	56.0	50.4	32.3	13.2			
G71.0	12.8	30.0	48.8	55.4	49.8	31.5	12.3			
G72.0	11.9	29.3	48.2	54.8	49.2	30.8	11.4			
G73.0	10.9	28.5	47.6	54.2	48.6	30.0	10.5			

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 5.107 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

GVC	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0			
G74.0	10.1	27.8	47.0	53.5	48.0	29.3	9.6			
G75.0	9.2	27.0	46.3	52.9	47.3	28.5	8.7			
G76.0	8.3	26.3	45.6	52.2	46.6	27.8	7.8			
G77.0	7.4	25.5	45.0	51.5	46.0	27.0	6.9			
G78.0	6.6	24.8	44.3	50.8	45.3	26.3	6.1			
G79.0	5.7	24.1	43.6	50.2	44.6	25.6	5.2			
G80.0	4.9	23.4	42.9	49.5	43.9	24.8	4.4			
G81.0	4.1	22.6	42.2	48.8	43.2	24.1	3.6			
G82.0	3.3	22.0	41.5	48.2	42.6	23.4	2.8			
G83.0	2.6	21.3	40.9	47.5	41.9	22.8	2.1			
G84.0	1.9	20.7	40.2	46.9	41.3	22.2	1.5			
G85.0	1.3	20.1	39.7	46.3	40.7	21.7	0.9			
G86.0	0.8	19.6	39.0	45.7	40.1	21.2	0.3			
G87.0	0.3	19.1	38.5	45.2	39.6	20.8	0.0			
G88.0	0.0	18.8	38.0	44.8	39.2	20.5	0.0			
G89.0	0.0	18.5	37.6	44.5	38.8	20.3	0.0			
G90.0	0.0	18.3	37.2	44.2	38.5	20.2	0.0			
G91.0	0.0	18.2	36.9	43.9	38.2	20.1	0.0			
G92.0	0.0	18.1	36.7	43.8	38.1	20.0	0.0			
G93.0	0.0	18.0	36.5	43.6	38.0	19.9	0.0			
G94.0	0.0	17.9	36.4	43.4	37.8	19.8	0.0			
G95.0	0.0	17.8	36.2	43.2	37.7	19.6	0.0			
G96.0	0.0	17.6	36.0	43.0	37.5	19.5	0.0			
G97.0	0.0	17.5	35.8	42.8	37.3	19.4	0.0			
G98.0	0.0	17.3	35.6	42.5	37.1	19.2	0.0			
G99.0	0.0	17.2	35.4	42.3	36.9	19.0	0.0			
G100.0	0.0	17.0	35.2	42.0	36.7	18.9	0.0			
G101.0	0.0	16.8	34.9	41.7	36.5	18.7	0.0			
G102.0	0.0	16.6	34.6	41.4	36.2	18.5	0.0			
G103.0	0.0	16.4	34.3	41.1	36.0	18.4	0.0			
G104.0	0.0	15.9	34.0	40.8	35.7	18.1	0.0			
G105.0	0.0	15.3	33.7	40.4	35.4	17.9	0.0			
G106.0	0.0	14.4	33.3	40.0	34.9	17.6	0.0			
G107.0	0.0	13.6	30.9	39.5	32.8	17.0	0.0			
G108.0	0.0	12.9	26.8	37.5	30.2	16.4	0.0			
G109.0	0.0	12.3	22.8	32.7	27.4	15.8	0.0			
G110.0	0.0	12.1	19.0	27.5	24.6	15.2	0.0			

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 5.107 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

GVC	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0			
G111.0	0.0	11.9	16.1	22.9	22.7	14.6	0.0			
G112.0	0.0	11.8	15.3	18.9	22.0	14.1	0.0			
G113.0	0.0	11.7	16.5	16.3	22.5	13.8	0.0			
G114.0	0.0	11.6	18.1	16.2	23.5	13.6	0.0			
G115.0	0.0	11.5	20.0	17.9	24.8	13.4	0.0			
G116.0	0.0	11.4	21.8	20.4	26.1	13.2	0.0			
G117.0	0.0	11.2	22.5	23.3	26.7	13.0	0.0			
G118.0	0.0	11.0	22.6	26.0	26.6	12.8	0.0			
G119.0	0.0	10.7	22.5	28.0	26.4	12.6	0.0			
G120.0	0.0	10.5	22.2	28.5	26.0	12.4	0.0			
G121.0	0.0	10.3	21.9	28.5	25.6	12.2	0.0			
G122.0	0.0	9.9	21.6	28.2	25.1	12.0	0.0			
G123.0	0.0	9.6	21.2	27.8	24.7	11.7	0.0			
G124.0	0.0	9.3	20.8	27.3	24.2	11.5	0.0			
G125.0	0.0	9.0	20.4	26.8	23.7	11.3	0.0			
G126.0	0.0	8.7	20.1	26.3	23.1	11.0	0.0			
G127.0	0.0	8.4	19.8	25.8	22.6	10.7	0.0			
G128.0	0.0	8.1	19.5	25.4	22.1	10.5	0.0			
G129.0	0.0	7.9	19.1	24.8	21.6	10.2	0.0			
G130.0	0.0	7.6	18.8	24.3	21.0	9.9	0.0			
G131.0	0.0	7.3	18.4	23.8	20.5	9.6	0.0			
G132.0	0.0	7.1	18.0	23.3	20.0	9.3	0.0			
G133.0	0.0	6.8	17.7	22.7	19.5	8.9	0.0			
G134.0	0.0	6.6	17.3	22.2	18.9	8.6	0.0			
G135.0	0.0	6.3	16.9	21.6	18.4	8.3	0.0			
G136.0	0.0	6.0	16.4	21.1	17.9	7.9	0.0			
G137.0	0.0	5.7	16.0	20.5	17.4	7.6	0.0			
G138.0	0.0	5.4	15.6	19.9	16.9	7.2	0.0			
G139.0	0.0	5.1	15.2	19.4	16.3	6.8	0.0			
G140.0	0.0	4.8	14.7	18.8	15.8	6.5	0.0			
G141.0	0.0	4.6	14.3	18.2	15.3	6.2	0.0			
G142.0	0.0	4.3	13.8	17.6	14.8	5.8	0.0			
G143.0	0.0	3.7	13.3	17.0	14.3	5.4	0.0			
G144.0	0.0	3.1	12.8	16.4	13.7	4.8	0.0			
G145.0	0.0	2.6	12.3	15.8	13.2	4.2	0.0			
G146.0	0.0	2.1	11.8	15.2	12.7	3.5	0.0			
G147.0	0.0	1.9	11.3	14.6	12.2	3.0	0.0			

C Plane (°):0.0-180.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 5.107 m

Humidity:

Inspector:

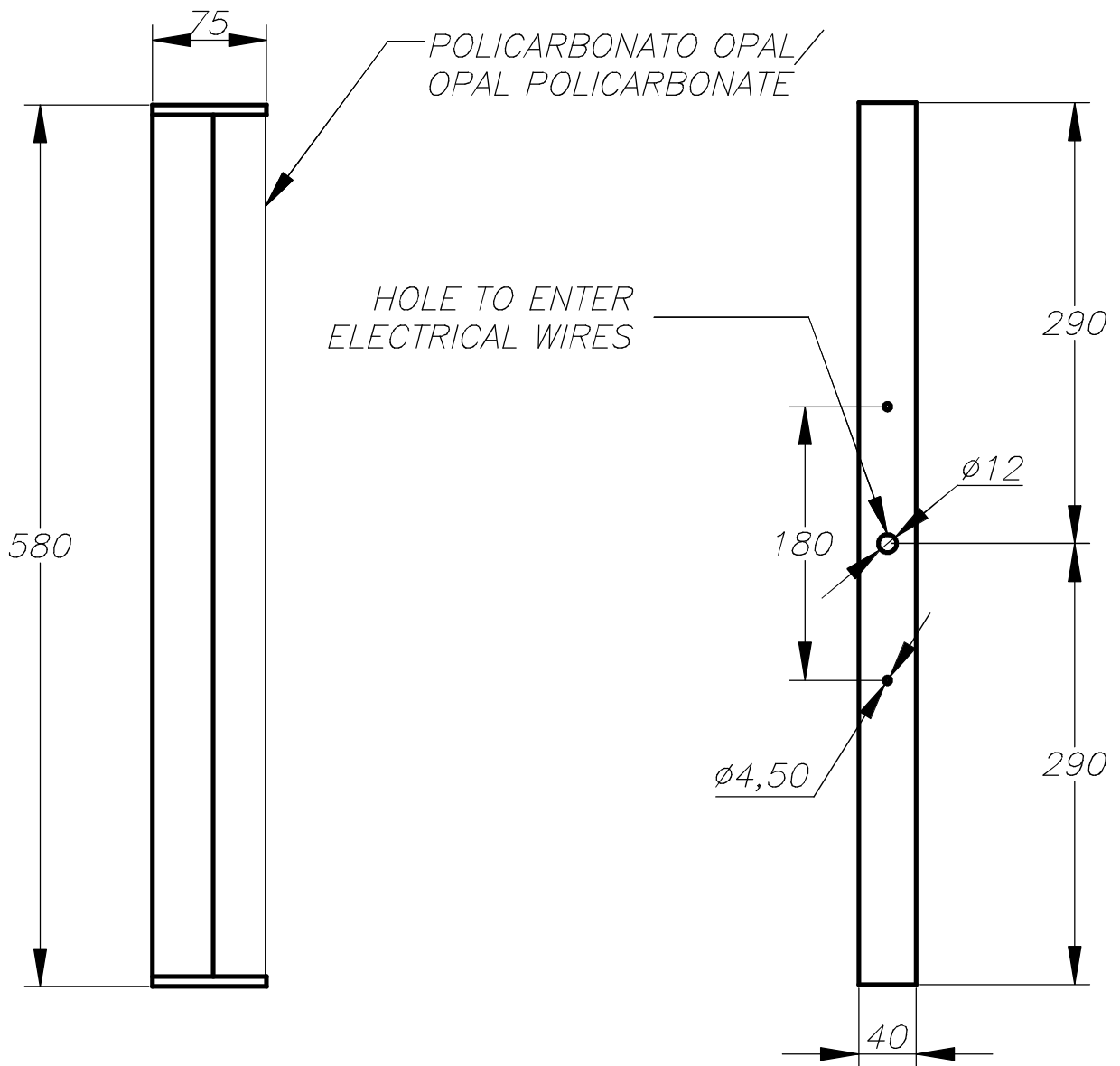
Candlepower Table (Continue 4)

Unit: cd

GVC	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0			
G148.0	0.0	1.7	10.8	14.0	11.7	2.8	0.0			
G149.0	0.0	1.4	10.3	13.4	11.2	2.6	0.0			
G150.0	0.0	1.2	9.9	12.8	10.7	2.5	0.0			
G151.0	0.0	1.0	9.3	12.2	10.2	2.4	0.0			
G152.0	0.0	0.8	8.8	11.6	9.7	2.3	0.0			
G153.0	0.0	0.6	8.2	10.9	9.2	2.1	0.0			
G154.0	0.0	0.6	7.8	10.3	8.7	2.0	0.0			
G155.0	0.0	0.5	7.3	9.7	8.2	1.9	0.0			
G156.0	0.0	0.4	6.9	9.1	7.7	1.8	0.0			
G157.0	0.0	0.4	6.3	8.5	7.2	1.7	0.0			
G158.0	0.0	0.3	5.3	7.8	6.2	1.5	0.0			
G159.0	0.0	0.2	4.3	6.9	5.1	1.4	0.0			
G160.0	0.0	0.2	3.5	5.6	4.1	1.3	0.0			
G161.0	0.0	0.2	3.1	4.5	3.7	1.2	0.0			
G162.0	0.0	0.2	2.8	3.6	3.4	1.1	0.0			
G163.0	0.0	0.2	2.3	3.3	3.1	1.0	0.0			
G164.0	0.0	0.1	1.9	3.0	2.8	0.9	0.0			
G165.0	0.0	0.1	1.5	2.7	2.6	0.8	0.0			
G166.0	0.0	0.0	1.1	2.5	2.3	0.6	0.0			
G167.0	0.0	0.0	0.8	2.3	2.0	0.5	0.0			
G168.0	0.0	0.0	0.5	2.0	1.8	0.4	0.0			
G169.0	0.0	0.0	0.2	1.7	1.5	0.3	0.0			
G170.0	0.0	0.0	0.1	1.2	1.3	0.2	0.0			
G171.0	0.0	0.0	0.0	0.9	1.0	0.1	0.0			
G172.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0			
G173.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0			
G174.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0			
G175.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-180.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 5.107 m
 Humidity:
 Inspector:



POLICARBONATO OPAL /
OPAL POLICARBONATE

HOLE TO ENTER
ELECTRICAL WIRES

$\phi 12$

$\phi 4,50$

ALUMINIUM / ALUMINIO

