中山雅大光电有限公司
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Report No.: Test Time: 2026-08-24 17:07

Luminaire Property

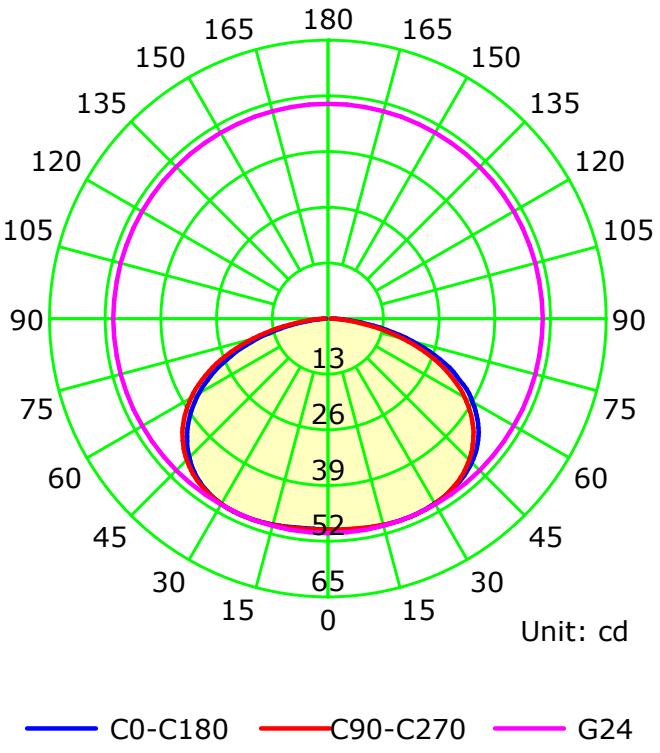
Luminaire Category:
Luminaire Description: 8MM 14W
Current: 0.193 A
Power Factor: 0.316
Voltage: 226.5 V
Power: 14.00 W

Photometric Results

CIE Class: Direct
Measurement Flux: 200.8 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H140.3
Vertical Diffuse Angle(50%): V140.3
Luminaire Efficacy Rating (LER): 14
Max. Intensity: 50.19 cd
Total Rated Lamp Lumens: 200.8 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 49.24 cd
Pos of Max. Intensity: H180 V24

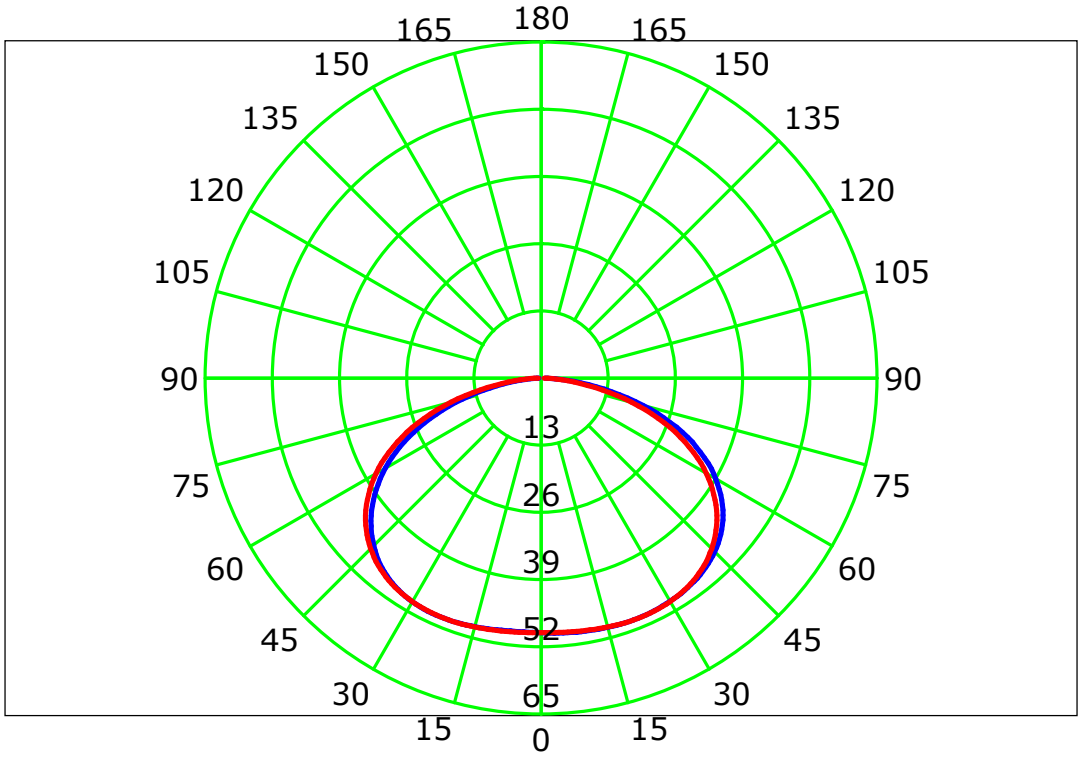
Picture Of Luminaire

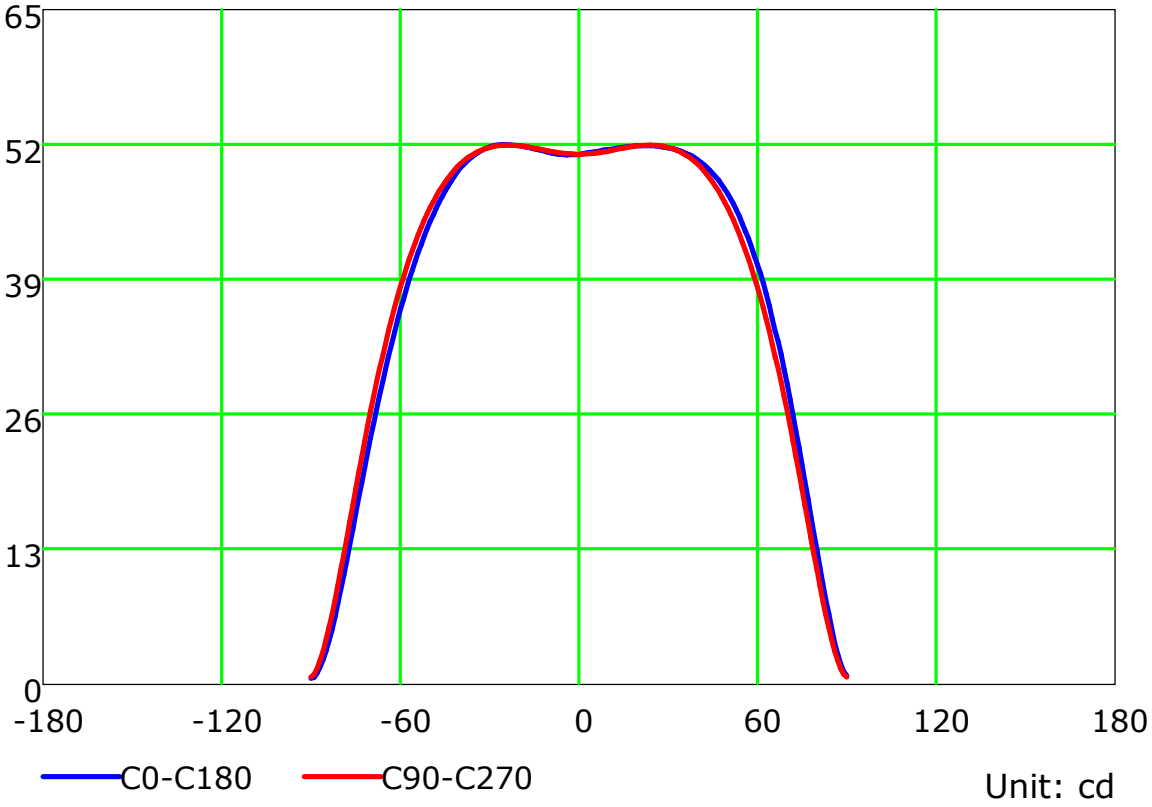
Luminous Intensity Distribution Curve



C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:
Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve

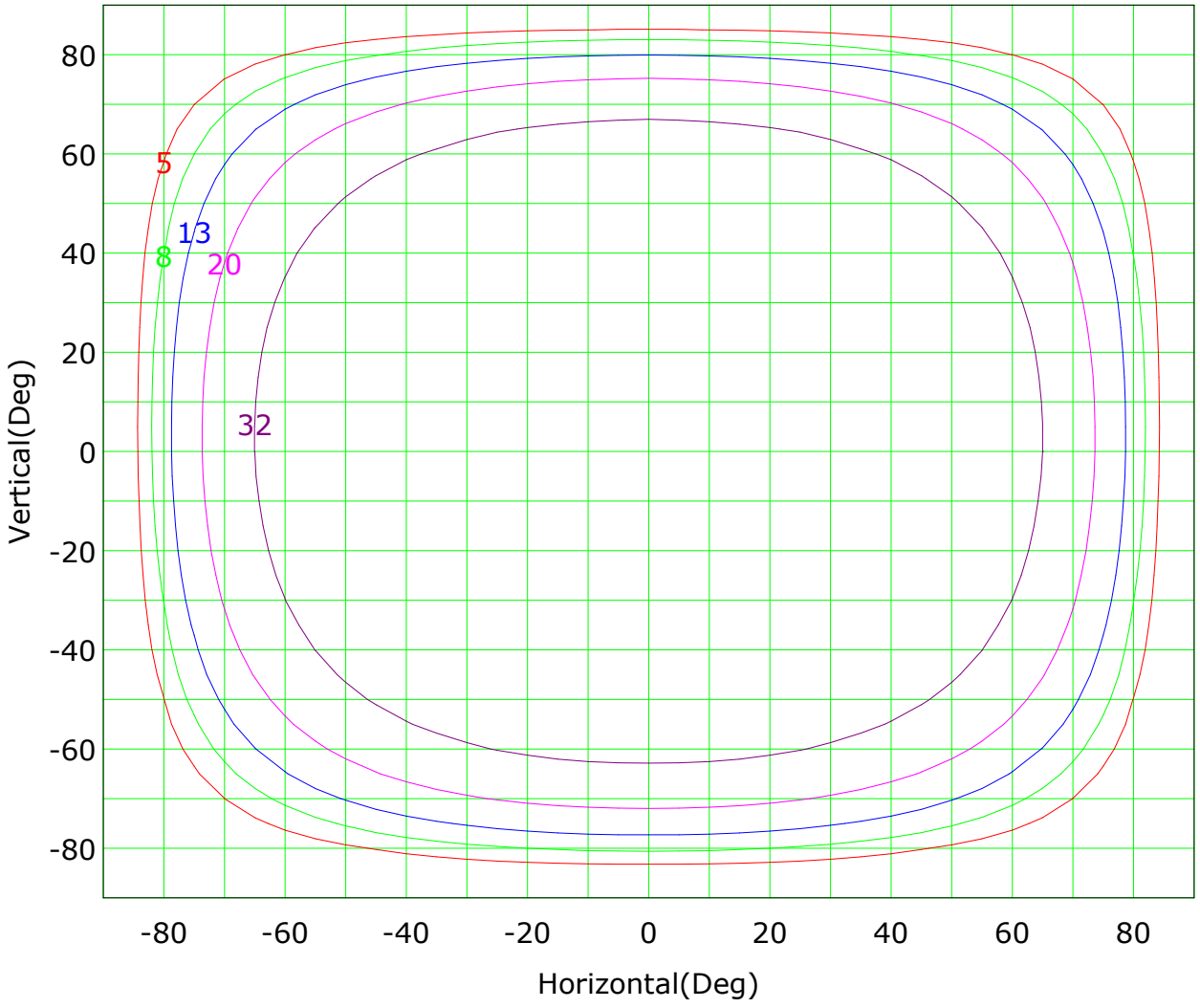




C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Isocandela (rectangle)



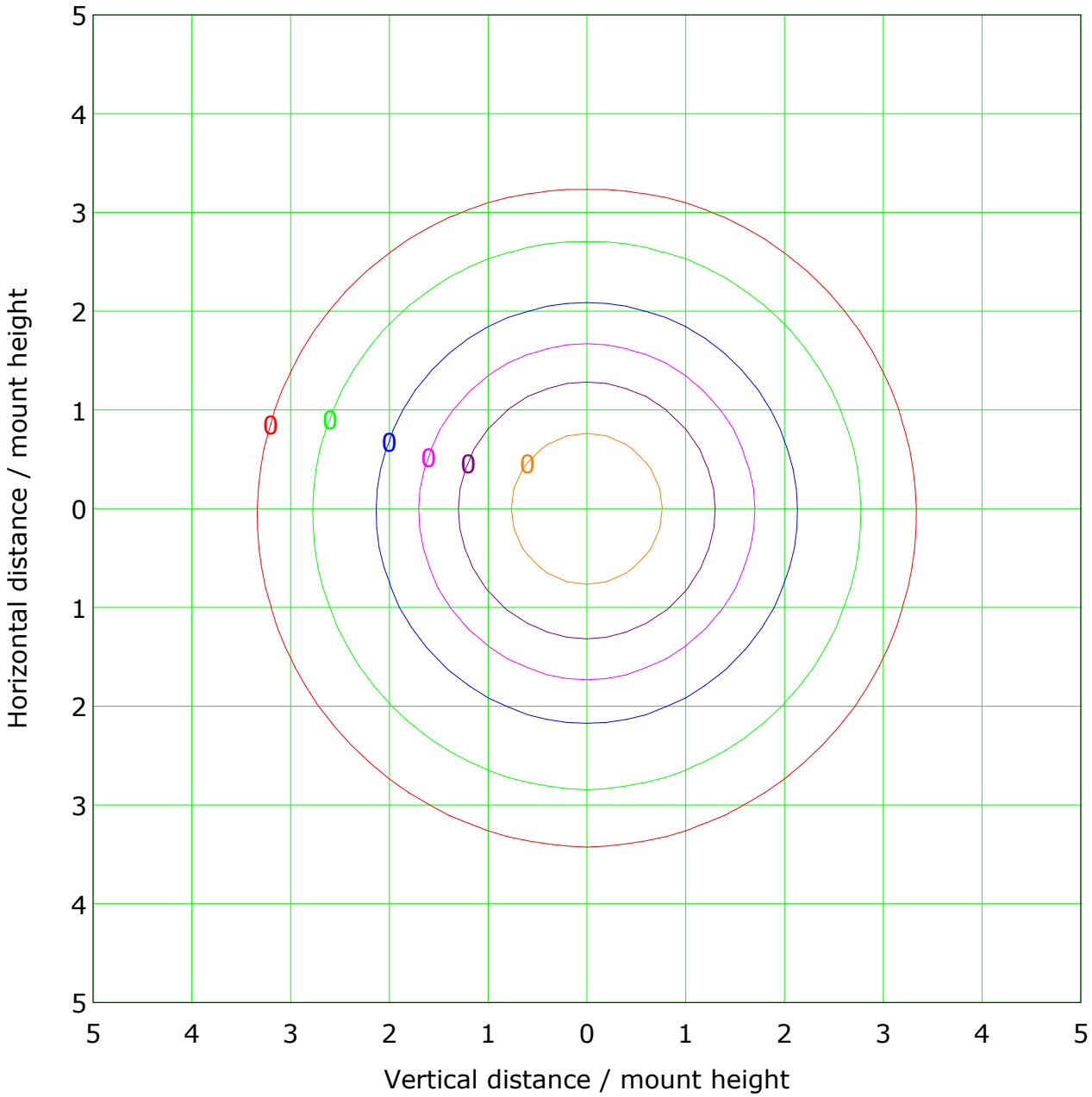
Imax (100%): 50 cd

(10%):	5 cd	(16%):	8 cd
(25%):	13 cd	(40%):	20 cd
(63%):	32 cd	(100%):	50 cd

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

IsoLux Plot



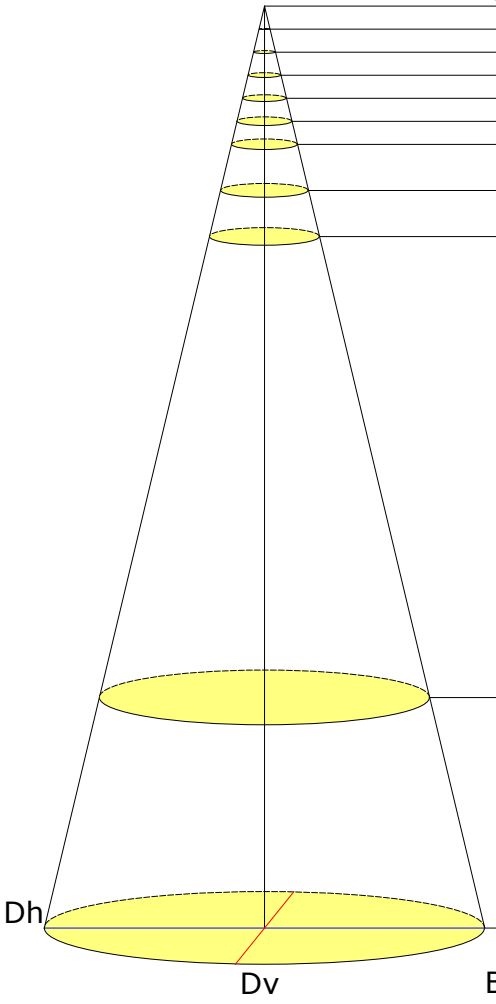
Mounting Height: 10m Max Lux(100%): 0 lx

(1%): 0 lx	(2%): 0 lx
(5%): 0 lx	(10%): 0 lx
(20%): 0 lx	(50%): 0 lx
(100%): 0 lx	

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Illuminance at a Distance



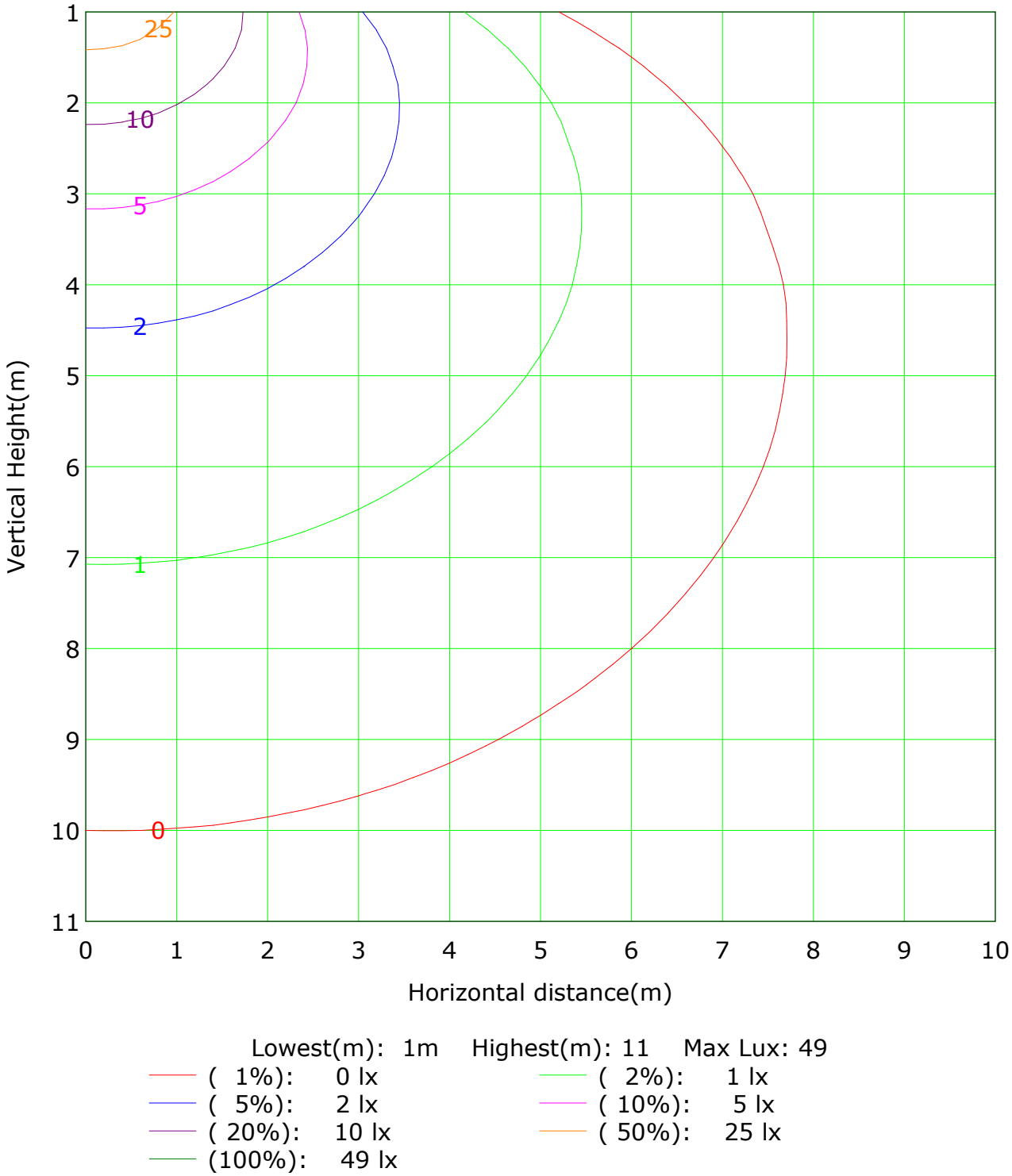
Distance(m)	E(lx)	Dh(m)	Dv(m)	Eav(lx)
0.5	196.96	2.77	2.77	25.69
1.0	49.24	5.54	5.54	6.42
1.5	21.88	8.31	8.31	2.85
2.0	12.31	11.08	11.08	1.61
2.5	7.88	13.85	13.85	1.03
3.0	5.47	16.62	16.62	0.71
4.0	3.08	22.16	22.16	0.40
5.0	1.97	27.70	27.70	0.26
15.0	0.22	83.11	83.11	0.03
20.0	0.12	110.81	110.81	0.02

Beam Angle: H140.3 V140.3 Field Angle: H168.1 V168.1

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Vertical IsoLux Plot

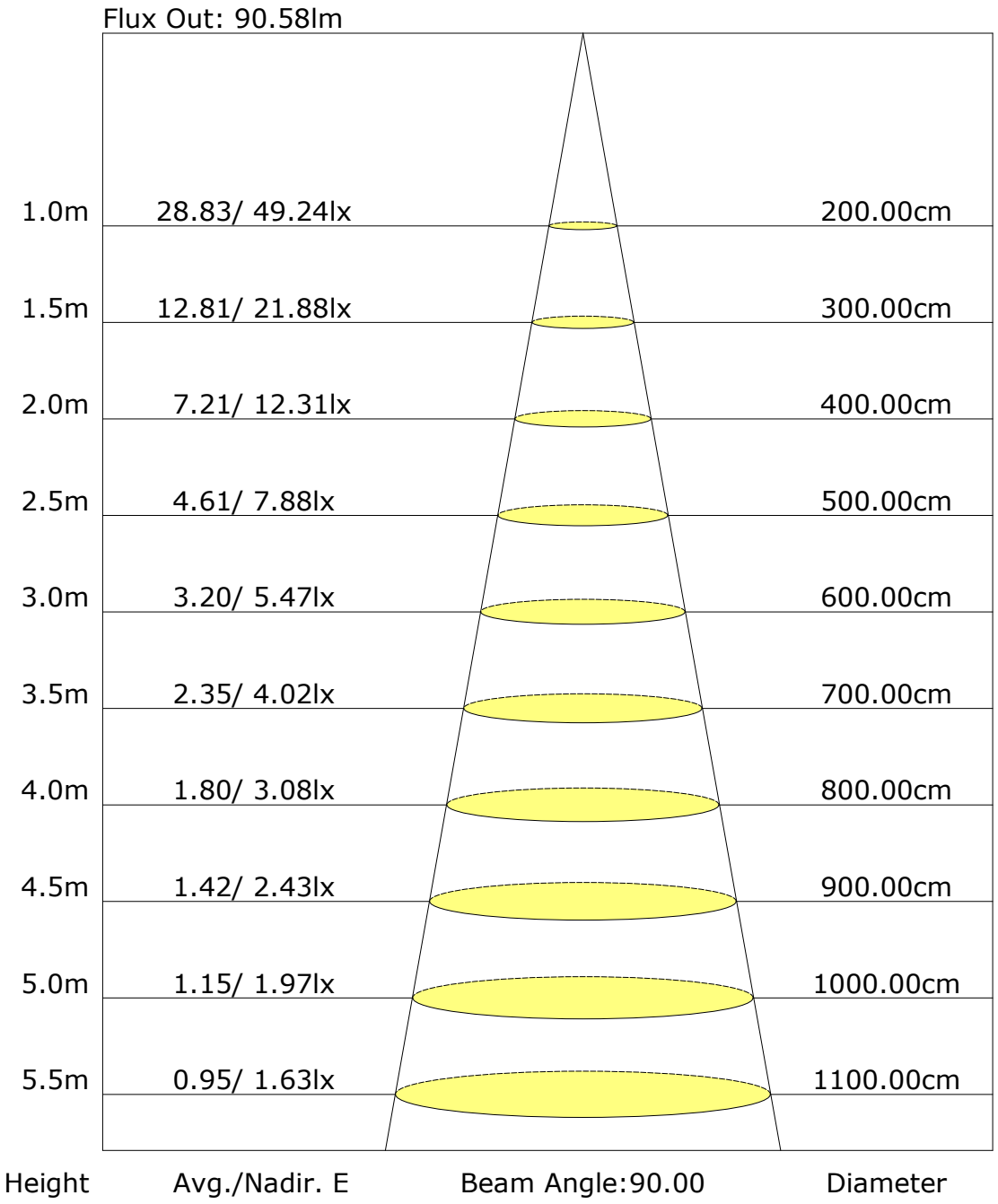


Lowest(m): 1m Highest(m): 11 Max Lux: 49

(1%): 0 lx
(2%): 1 lx
(5%): 2 lx
(10%): 5 lx
(20%): 10 lx
(50%): 25 lx
(100%): 49 lx

C Plane (°):0.0-180.0: 180.0
Gamma Plane (°):0.0-90.0:1.0
Test Lab:
Test Device: CHL-6E
Test Type: TYPE C
Distance: 3.010 m
Temperature:
Humidity:
Operator:
Inspector:

The average illuminance effective figure



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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
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
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working 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	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
3H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
4H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
6H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
8H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
12H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
x = 4H y = 2H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
3H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
4H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
6H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
8H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
12H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
x = 8H y = 4H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
6H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
8H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
12H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
x = 12H y = 4H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
6H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$
8H	-1.$	1.$	-1.$	1.$	1.$	-1.$	1.$	-1.$	1.$	1.$

Calculate in accordance with CIE 190:2010

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	49.3	0.0	0.0	0.02	0.02
1.0-2.0	49.3	0.1	0.2	0.07	0.09
2.0-3.0	49.3	0.2	0.4	0.12	0.21
3.0-4.0	49.3	0.3	0.8	0.16	0.38
4.0-5.0	49.3	0.4	1.2	0.21	0.59
5.0-6.0	49.4	0.5	1.7	0.26	0.85
6.0-7.0	49.4	0.6	2.3	0.31	1.15
7.0-8.0	49.5	0.7	3.0	0.35	1.50
8.0-9.0	49.5	0.8	3.8	0.40	1.90
9.0-10.0	49.5	0.9	4.7	0.45	2.35
10.0-11.0	49.6	1.0	5.7	0.49	2.84
11.0-12.0	49.7	1.1	6.8	0.54	3.38
12.0-13.0	49.7	1.2	8.0	0.59	3.97
13.0-14.0	49.8	1.3	9.2	0.63	4.61
14.0-15.0	49.8	1.4	10.6	0.68	5.29
15.0-16.0	49.9	1.5	12.1	0.73	6.01
16.0-17.0	49.9	1.6	13.6	0.77	6.79
17.0-18.0	50.0	1.6	15.3	0.82	7.61
18.0-19.0	50.0	1.7	17.0	0.87	8.48
19.0-20.0	50.1	1.8	18.9	0.91	9.39
20.0-21.0	50.1	1.9	20.8	0.96	10.35
21.0-22.0	50.1	2.0	22.8	1.00	11.35
22.0-23.0	50.1	2.1	24.9	1.05	12.40
23.0-24.0	50.1	2.2	27.1	1.09	13.49
24.0-25.0	50.1	2.3	29.4	1.13	14.62
25.0-26.0	50.1	2.4	31.7	1.18	15.80
26.0-27.0	50.1	2.5	34.2	1.22	17.02
27.0-28.0	50.1	2.5	36.7	1.26	18.28
28.0-29.0	50.0	2.6	39.3	1.30	19.59
29.0-30.0	49.9	2.7	42.0	1.34	20.93
30.0-31.0	49.9	2.8	44.8	1.38	22.31
31.0-32.0	49.8	2.9	47.7	1.42	23.73
32.0-33.0	49.7	2.9	50.6	1.46	25.19
33.0-34.0	49.6	3.0	53.6	1.49	26.68
34.0-35.0	49.4	3.1	56.7	1.53	28.21
35.0-36.0	49.3	3.1	59.8	1.56	29.77

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
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	49.1	3.2	63.0	1.59	31.37
37.0-38.0	48.9	3.3	66.3	1.63	32.99
38.0-39.0	48.7	3.3	69.6	1.66	34.65
39.0-40.0	48.5	3.4	73.0	1.68	36.33
40.0-41.0	48.2	3.4	76.4	1.71	38.04
41.0-42.0	47.9	3.5	79.9	1.73	39.78
42.0-43.0	47.6	3.5	83.4	1.76	41.53
43.0-44.0	47.2	3.6	87.0	1.78	43.31
44.0-45.0	46.9	3.6	90.6	1.79	45.10
45.0-46.0	46.5	3.6	94.2	1.81	46.91
46.0-47.0	46.0	3.7	97.9	1.82	48.73
47.0-48.0	45.6	3.7	101.6	1.84	50.57
48.0-49.0	45.1	3.7	105.3	1.84	52.41
49.0-50.0	44.6	3.7	109.0	1.85	54.26
50.0-51.0	44.0	3.7	112.7	1.85	56.12
51.0-52.0	43.4	3.7	116.4	1.86	57.97
52.0-53.0	42.8	3.7	120.2	1.86	59.83
53.0-54.0	42.2	3.7	123.9	1.85	61.68
54.0-55.0	41.4	3.7	127.6	1.84	63.52
55.0-56.0	40.7	3.7	131.2	1.83	65.35
56.0-57.0	39.9	3.7	134.9	1.82	67.17
57.0-58.0	39.1	3.6	138.5	1.80	68.97
58.0-59.0	38.2	3.6	142.1	1.78	70.75
59.0-60.0	37.4	3.5	145.6	1.76	72.51
60.0-61.0	36.4	3.5	149.1	1.73	74.24
61.0-62.0	35.5	3.4	152.5	1.70	75.94
62.0-63.0	34.5	3.4	155.9	1.67	77.61
63.0-64.0	33.4	3.3	159.2	1.63	79.25
64.0-65.0	32.2	3.2	162.3	1.59	80.83
65.0-66.0	31.0	3.1	165.4	1.54	82.38
66.0-67.0	29.9	3.0	168.4	1.50	83.87
67.0-68.0	28.7	2.9	171.3	1.45	85.32
68.0-69.0	27.4	2.8	174.1	1.39	86.71
69.0-70.0	26.1	2.7	176.8	1.33	88.05
70.0-71.0	24.7	2.6	179.4	1.27	89.32
71.0-72.0	23.3	2.4	181.8	1.21	90.52

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
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	21.8	2.3	184.1	1.14	91.66
73.0-74.0	20.4	2.1	186.2	1.07	92.73
74.0-75.0	18.9	2.0	188.2	0.99	93.72
75.0-76.0	17.4	1.8	190.1	0.92	94.64
76.0-77.0	15.8	1.7	191.8	0.84	95.48
77.0-78.0	14.3	1.5	193.3	0.76	96.24
78.0-79.0	12.8	1.4	194.7	0.68	96.92
79.0-80.0	11.3	1.2	195.9	0.61	97.53
80.0-81.0	9.9	1.1	196.9	0.53	98.06
81.0-82.0	8.4	0.9	197.9	0.46	98.52
82.0-83.0	7.1	0.8	198.6	0.38	98.90
83.0-84.0	5.8	0.6	199.3	0.32	99.22
84.0-85.0	4.6	0.5	199.8	0.25	99.47
85.0-86.0	3.5	0.4	200.2	0.19	99.66
86.0-87.0	2.6	0.3	200.4	0.14	99.80
87.0-88.0	1.8	0.2	200.6	0.10	99.90
88.0-89.0	1.1	0.1	200.8	0.06	99.96
89.0-90.0	0.7	0.1	200.8	0.04	100.00

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	49.2	49.2								
G1.0	49.3	49.2								
G2.0	49.3	49.2								
G3.0	49.4	49.2								
G4.0	49.4	49.2								
G5.0	49.5	49.2								
G6.0	49.5	49.3								
G7.0	49.6	49.3								
G8.0	49.7	49.3								
G9.0	49.7	49.4								
G10.0	49.7	49.5								
G11.0	49.8	49.5								
G12.0	49.8	49.6								
G13.0	49.8	49.7								
G14.0	49.9	49.7								
G15.0	49.9	49.8								
G16.0	50.0	49.8								
G17.0	50.0	49.9								
G18.0	50.0	50.0								
G19.0	50.1	50.0								
G20.0	50.1	50.1								
G21.0	50.1	50.1								
G22.0	50.1	50.1								
G23.0	50.1	50.2								
G24.0	50.1	50.2								
G25.0	50.1	50.2								
G26.0	50.0	50.2								
G27.0	50.0	50.1								
G28.0	50.0	50.1								
G29.0	49.9	50.0								
G30.0	49.9	50.0								
G31.0	49.8	49.8								
G32.0	49.8	49.7								
G33.0	49.7	49.6								
G34.0	49.6	49.4								
G35.0	49.5	49.2								
G36.0	49.3	49.0								

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C180.0								
G37.0	49.2	48.8								
G38.0	49.1	48.5								
G39.0	48.9	48.3								
G40.0	48.7	48.0								
G41.0	48.5	47.6								
G42.0	48.3	47.2								
G43.0	48.1	46.8								
G44.0	47.8	46.3								
G45.0	47.5	45.8								
G46.0	47.2	45.3								
G47.0	46.8	44.8								
G48.0	46.5	44.2								
G49.0	46.0	43.6								
G50.0	45.6	43.0								
G51.0	45.1	42.3								
G52.0	44.6	41.7								
G53.0	44.1	40.9								
G54.0	43.5	40.1								
G55.0	42.8	39.3								
G56.0	42.1	38.5								
G57.0	41.4	37.6								
G58.0	40.7	36.7								
G59.0	39.8	35.8								
G60.0	39.0	34.8								
G61.0	38.2	33.8								
G62.0	37.3	32.7								
G63.0	36.3	31.6								
G64.0	35.2	30.5								
G65.0	34.0	29.3								
G66.0	32.8	28.1								
G67.0	31.8	26.8								
G68.0	30.6	25.5								
G69.0	29.3	24.2								
G70.0	27.9	22.9								
G71.0	26.5	21.5								
G72.0	25.0	20.1								
G73.0	23.5	18.7								

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C180.0								
G74.0	22.0	17.3								
G75.0	20.4	15.9								
G76.0	18.8	14.4								
G77.0	17.2	12.9								
G78.0	15.5	11.5								
G79.0	14.0	10.1								
G80.0	12.4	8.8								
G81.0	10.8	7.4								
G82.0	9.3	6.2								
G83.0	7.8	5.0								
G84.0	6.5	4.0								
G85.0	5.1	3.0								
G86.0	3.8	2.2								
G87.0	2.7	1.5								
G88.0	1.8	1.0								
G89.0	1.2	0.6								
G90.0	0.7	0.5								

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector: