

Test Time: 2025-09-20 18:28

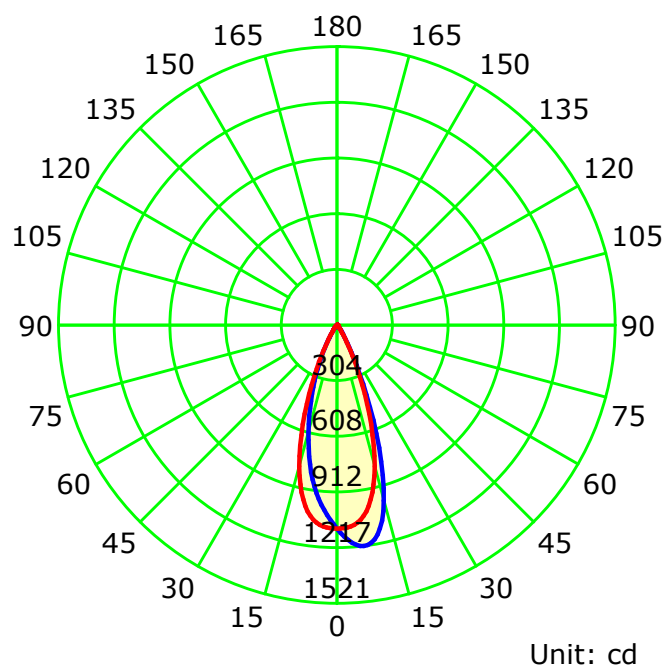
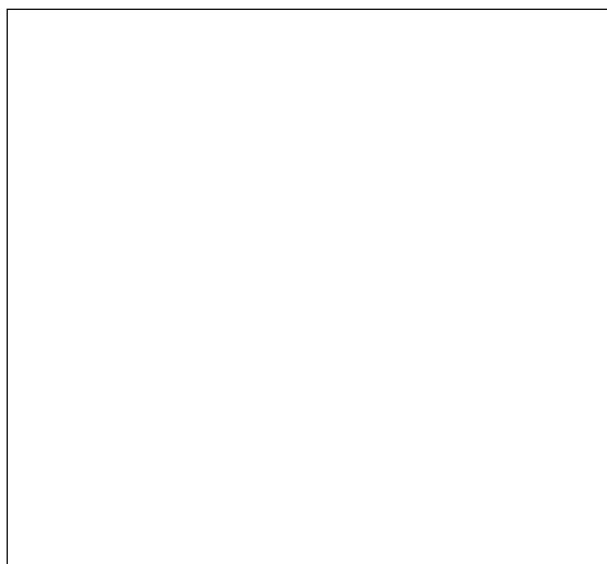
Luminaire Property

Power: 5.90 W

Photometric Results

S/MH(C90/C270): 0.64

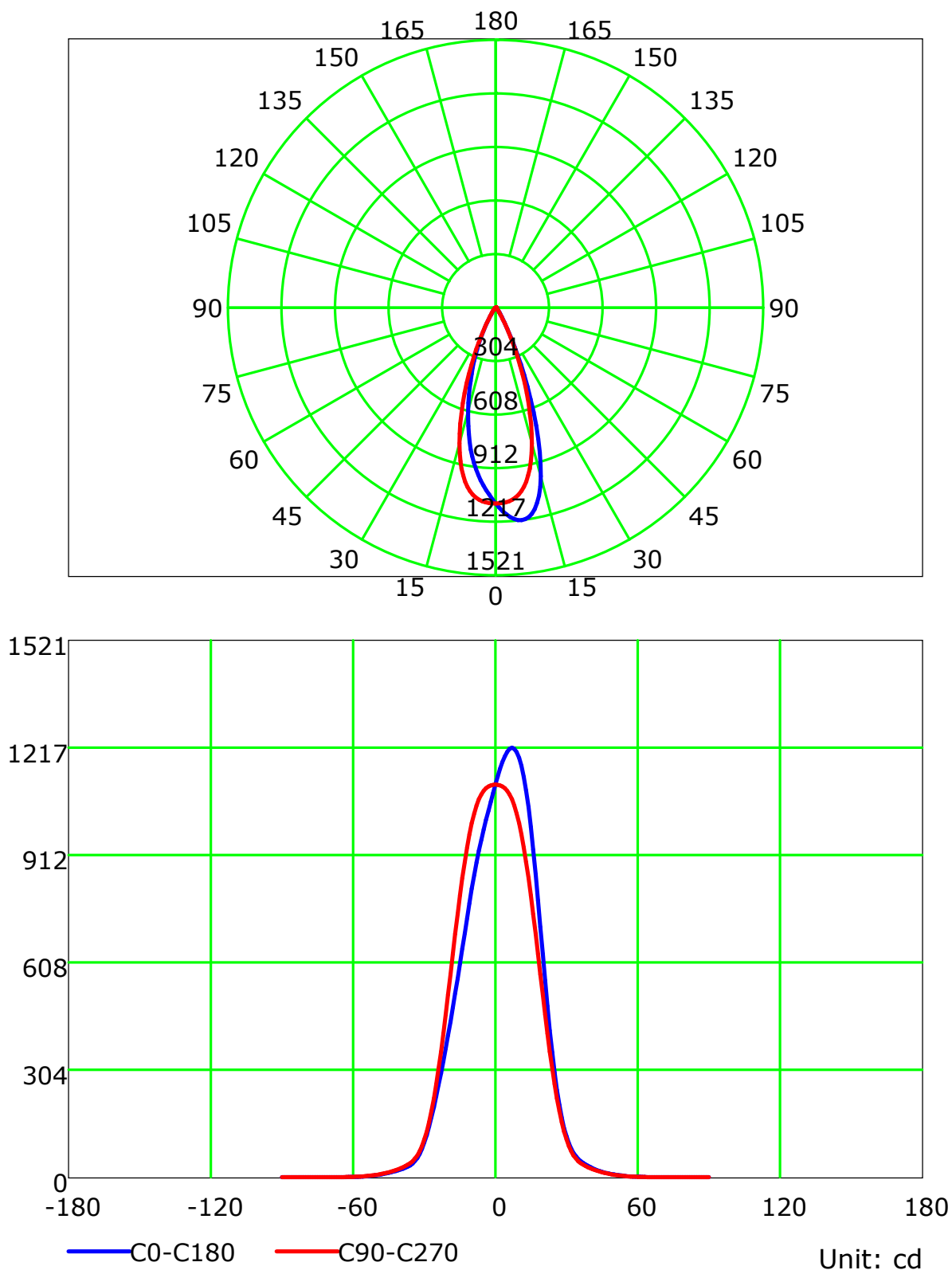
Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

Inspector:

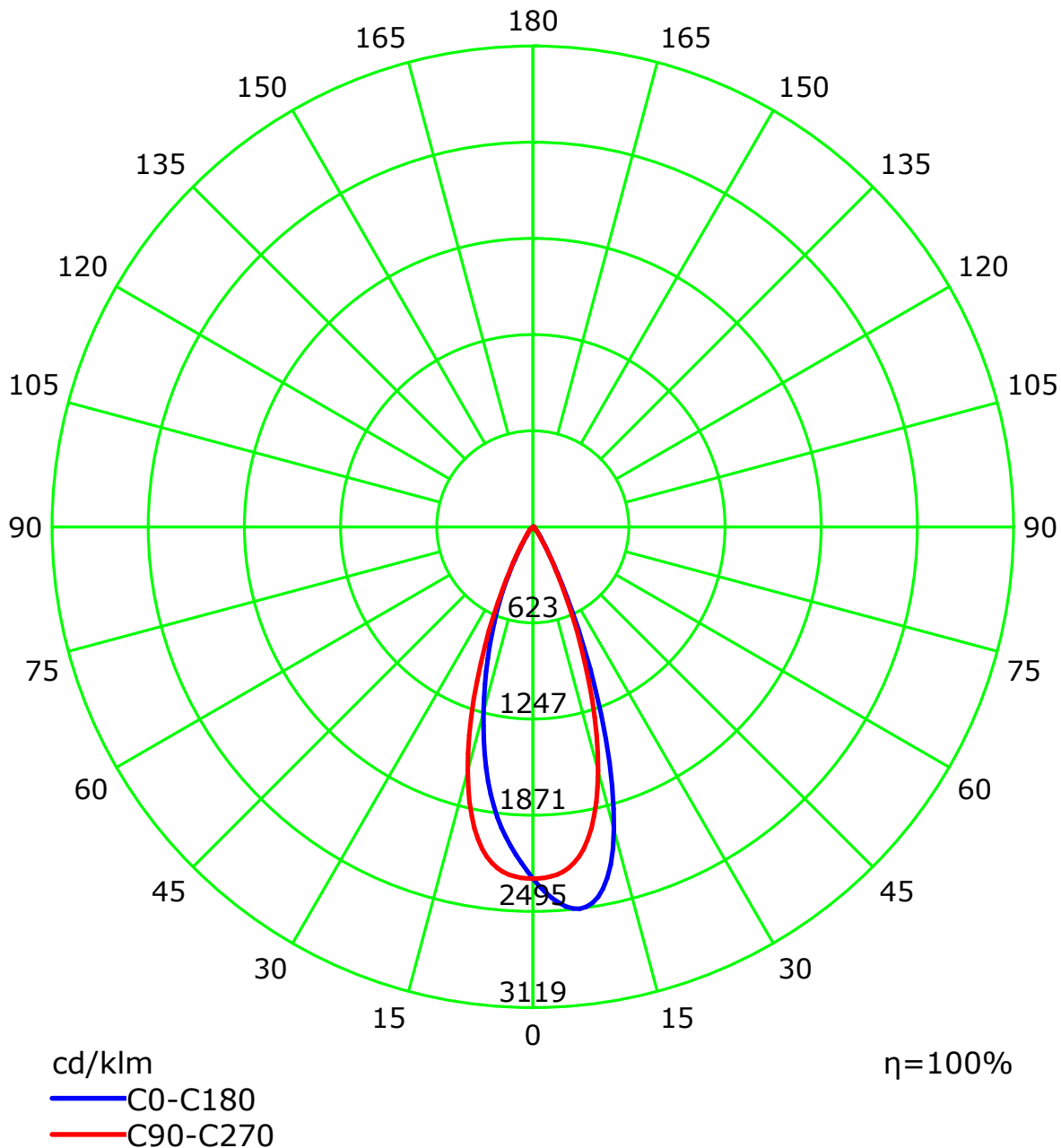
Luminous Intensity Distribution Curve



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: 2.905 m
Humidity:
Inspector:

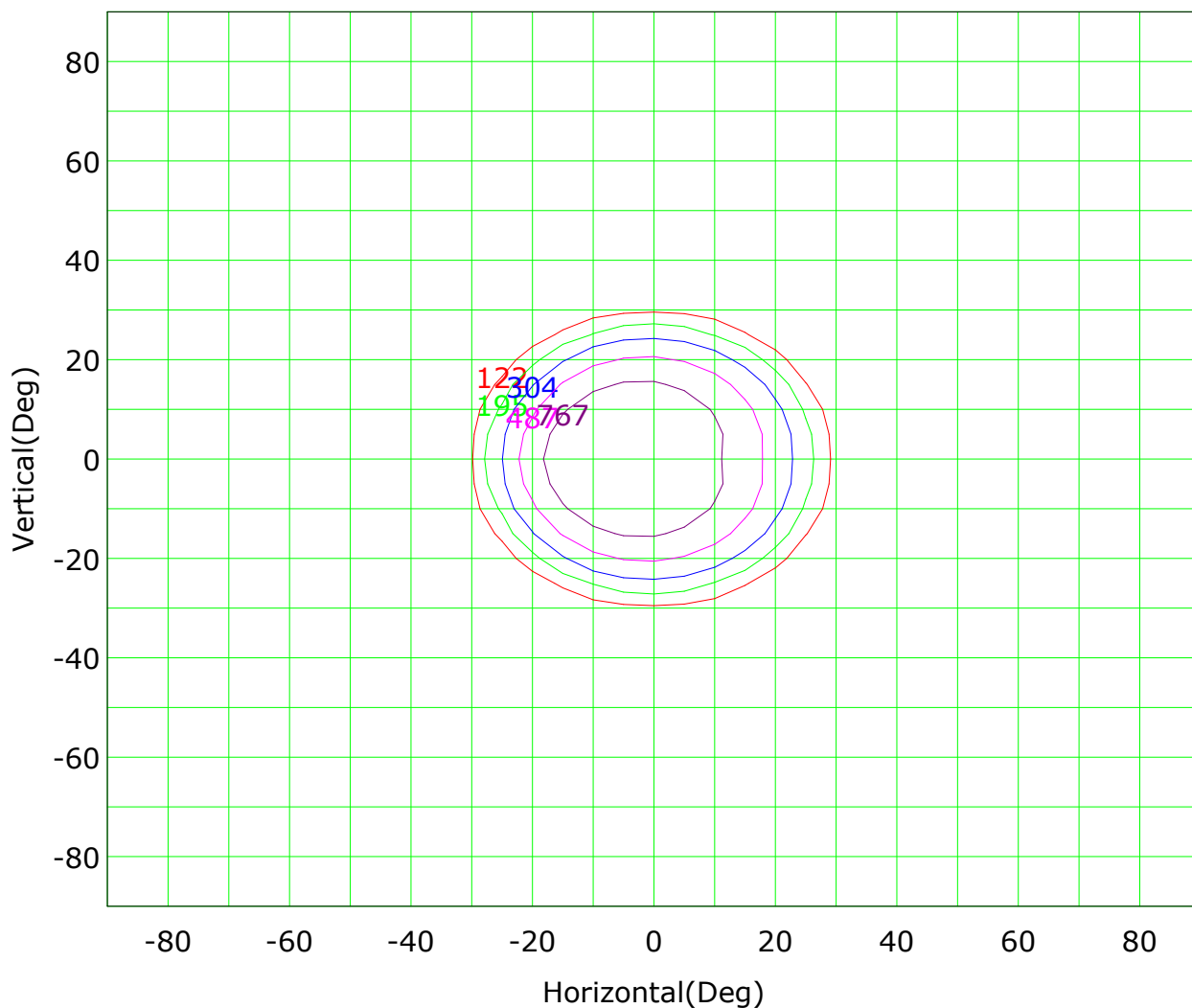
Luminous Intensity Distribution Curve(cd/klm)



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: 2.905 m
Humidity:
Inspector:

Isocandela (rectangle)



Imax (100%): 1217 cd

(10%): 122 cd	(16%): 195 cd
(25%): 304 cd	(40%): 487 cd
(63%): 767 cd	(100%): 1217 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

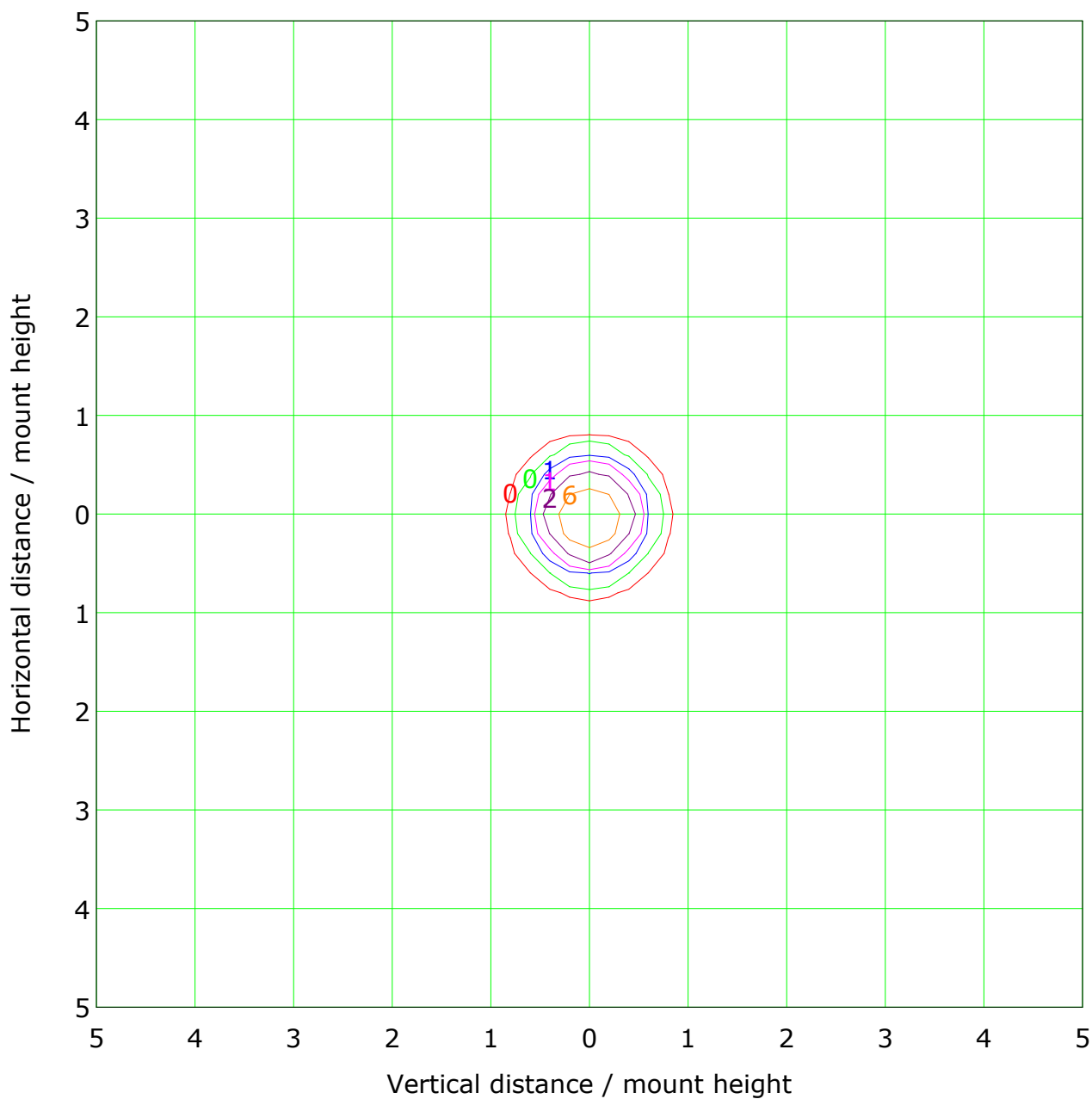
Test Device: CHL-6E

Distance: 2.905 m

Humidity:

Inspector:

IsoLux Plot



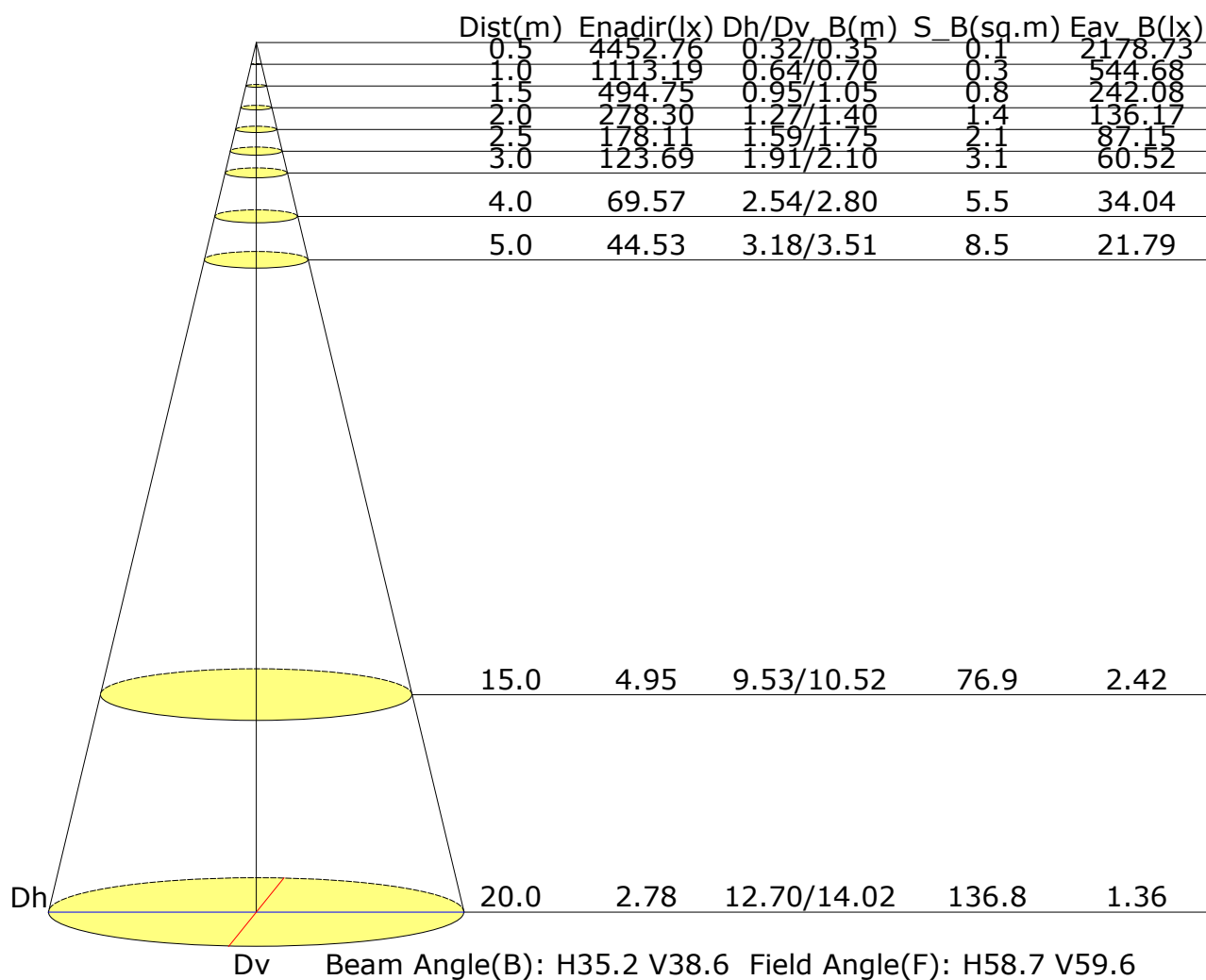
Mounting Height: 10.0m Max Lux(100%): 11.9 lx

(1%): 0.1 lx	(2%): 0.2 lx
(5%): 0.6 lx	(10%): 1.2 lx
(20%): 2.4 lx	(50%): 6.0 lx
(100%): 11.9 lx	

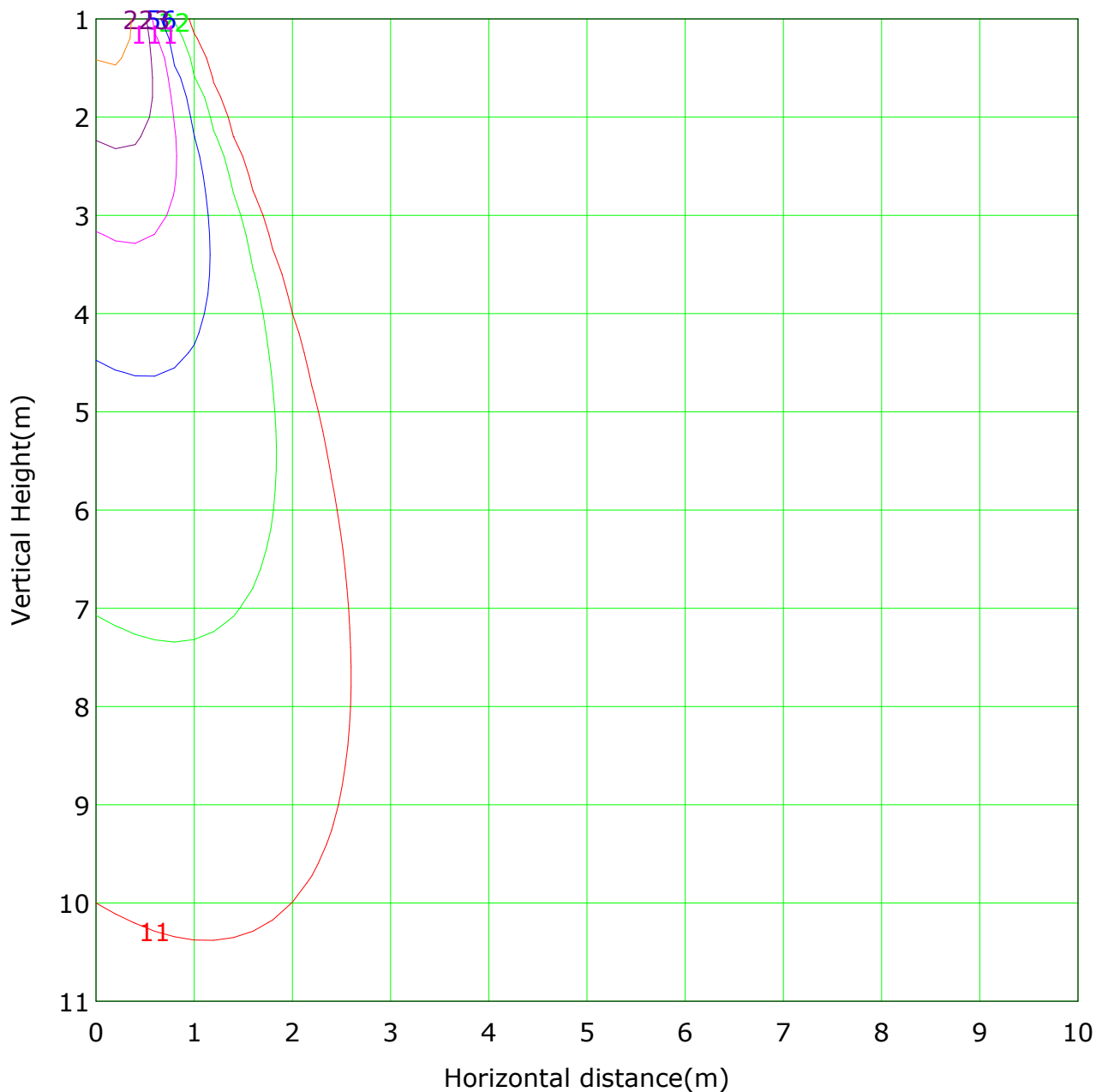
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
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Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1113.2 lx
— (1%): 11.1 lx — (2%): 22.3 lx
— (5%): 55.7 lx — (10%): 111.3 lx
— (20%): 222.6 lx — (50%): 556.6 lx
— (100%):1113.2 lx

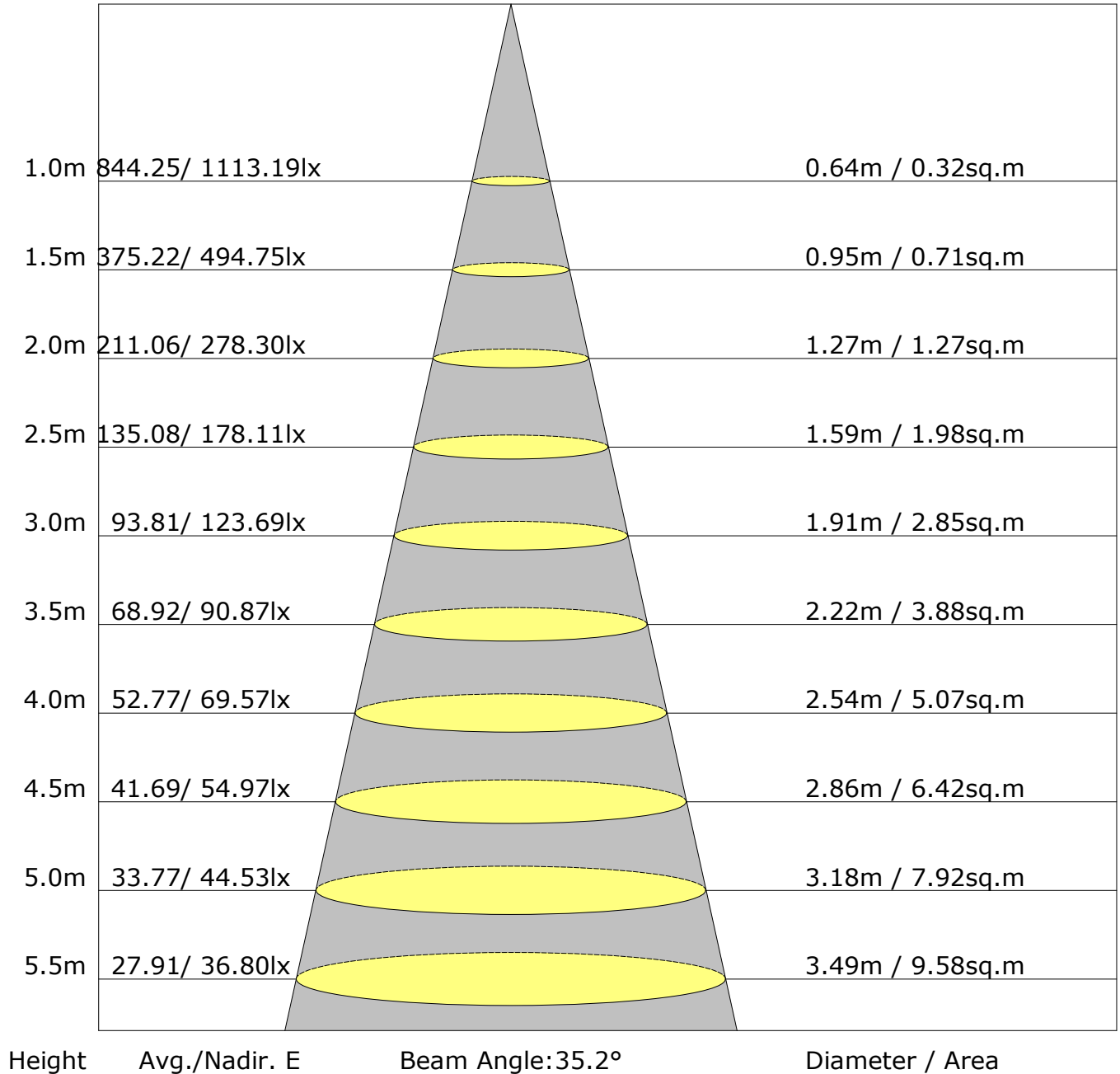
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

The Average Illuminance Effective Figure

Flux Out: 267.50lm



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

Gamma Plane (°): 0.0-90.0: 1.0
Test Device: CHL-6E
Distance: 2.905 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
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	15.1	15.8	15.4	16.0	16.2	14.7	15.4	14.9	15.6	15.8
3H	15.0	15.6	15.3	15.9	16.1	14.5	15.2	14.8	15.4	15.6
4H	14.9	15.5	15.2	15.8	16.0	14.5	15.1	14.8	15.3	15.6
6H	14.8	15.4	15.2	15.7	16.0	14.4	14.9	14.7	15.2	15.5
8H	14.8	15.3	15.1	15.6	15.9	14.4	14.9	14.7	15.2	15.5
12H	14.8	15.3	15.1	15.6	15.9	14.3	14.8	14.7	15.1	15.4
X=4H Y=2H	14.9	15.5	15.3	15.8	16.1	14.5	15.1	14.8	15.4	15.6
3H	14.8	15.3	15.1	15.6	15.9	14.3	14.9	14.7	15.2	15.5
4H	14.7	15.2	15.1	15.5	15.9	14.3	14.7	14.6	15.1	15.4
6H	14.6	15.0	15.0	15.4	15.8	14.2	14.6	14.6	15.0	15.3
8H	14.6	15.0	15.0	15.3	15.7	14.1	14.5	14.6	14.9	15.3
12H	14.5	14.9	15.0	15.3	15.7	14.1	14.4	14.5	14.8	15.3
X=8H Y=4H	14.6	15.0	15.0	15.3	15.7	14.1	14.5	14.6	14.9	15.3
6H	14.5	14.8	14.9	15.2	15.7	14.0	14.3	14.5	14.8	15.2
8H	14.4	14.7	14.9	15.1	15.6	14.0	14.2	14.5	14.7	15.2
12H	14.4	14.6	14.9	15.1	15.6	13.9	14.2	14.4	14.6	15.1
X=12H Y=4H	14.5	14.9	15.0	15.3	15.7	14.1	14.4	14.5	14.8	15.3
6H	14.4	14.7	14.9	15.1	15.6	14.0	14.2	14.5	14.7	15.2
8H	14.4	14.6	14.9	15.1	15.6	13.9	14.2	14.4	14.6	15.1
Variations with the observer position at spacings:										
S=1.0H	+4.5/-8.3					+4.4/-8.3				
S=1.5H	+7.2/-13.0					+7.1/-13.3				
S=2.0H	+9.2/-25.3					+9.1/-27.3				

Calculate in accordance with CIE Pub.117. The table is revised with 488lm ($8\log(F/F_0) = -2.5$).

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Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	266	54.4
	FL (0°-30°)	241	49.3
	FM (30°-60°)	25	5.0
	FH (60°-80°)	0	0.1
	FVH (80°-90°)	0	0.0
	BACK LIGHT	222	45.6
	BL (0°-30°)	200	41.0
	BM (30°-60°)	22	4.5
	BH (60°-80°)	0	0.1
	BVH (80°-90°)	0	0.0
	UP LIGHT	0	0.0
	UL (90°-100°)	0	0.0
	UH (100°-180°)	0	0.0
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U0 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U0 G0

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 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	1112.7	1.1	1.1	0.22	0.22
1.0-2.0	1111.4	3.2	4.3	0.65	0.87
2.0-3.0	1109.2	5.3	9.6	1.09	1.96
3.0-4.0	1105.2	7.4	17.0	1.52	3.48
4.0-5.0	1099.0	9.5	26.4	1.94	5.42
5.0-6.0	1090.3	11.5	37.9	2.35	7.77
6.0-7.0	1078.3	13.4	51.3	2.75	10.51
7.0-8.0	1062.2	15.2	66.5	3.12	13.63
8.0-9.0	1042.0	16.9	83.4	3.46	17.09
9.0-10.0	1017.2	18.4	101.8	3.78	20.87
10.0-11.0	987.4	19.7	121.5	4.05	24.92
11.0-12.0	953.1	20.8	142.3	4.27	29.19
12.0-13.0	914.3	21.7	164.0	4.45	33.64
13.0-14.0	871.2	22.3	186.3	4.57	38.21
14.0-15.0	823.6	22.6	209.0	4.64	42.85
15.0-16.0	772.2	22.6	231.6	4.64	47.49
16.0-17.0	717.7	22.4	253.9	4.58	52.07
17.0-18.0	661.3	21.8	275.7	4.47	56.55
18.0-19.0	603.8	21.0	296.7	4.31	60.86
19.0-20.0	546.1	20.0	316.7	4.10	64.95
20.0-21.0	489.1	18.8	335.5	3.85	68.81
21.0-22.0	434.0	17.4	353.0	3.58	72.38
22.0-23.0	381.4	16.0	369.0	3.28	75.67
23.0-24.0	331.8	14.5	383.5	2.98	78.64
24.0-25.0	286.0	13.0	396.5	2.67	81.31
25.0-26.0	243.8	11.5	408.0	2.36	83.67
26.0-27.0	205.5	10.1	418.0	2.06	85.73
27.0-28.0	172.1	8.7	426.8	1.79	87.52
28.0-29.0	143.1	7.5	434.3	1.54	89.05
29.0-30.0	118.4	6.4	440.6	1.31	90.36
30.0-31.0	98.0	5.5	446.1	1.12	91.48
31.0-32.0	81.3	4.7	450.8	0.95	92.44
32.0-33.0	67.9	4.0	454.8	0.82	93.26
33.0-34.0	57.4	3.5	458.2	0.71	93.97
34.0-35.0	49.1	3.1	461.3	0.63	94.60
35.0-36.0	42.7	2.7	464.0	0.56	95.15

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Test Device: CHL-6E
Distance: 2.905 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	37.7	2.5	466.5	0.50	95.66
37.0-38.0	33.7	2.2	468.7	0.46	96.12
38.0-39.0	30.3	2.1	470.8	0.42	96.54
39.0-40.0	27.2	1.9	472.7	0.39	96.93
40.0-41.0	24.4	1.7	474.4	0.36	97.29
41.0-42.0	21.7	1.6	476.0	0.32	97.61
42.0-43.0	19.2	1.4	477.4	0.29	97.90
43.0-44.0	17.1	1.3	478.7	0.27	98.17
44.0-45.0	15.2	1.2	479.9	0.24	98.41
45.0-46.0	13.3	1.0	480.9	0.21	98.62
46.0-47.0	11.7	0.9	481.8	0.19	98.81
47.0-48.0	10.2	0.8	482.7	0.17	98.98
48.0-49.0	8.8	0.7	483.4	0.15	99.13
49.0-50.0	7.6	0.6	484.0	0.13	99.26
50.0-51.0	6.5	0.6	484.6	0.11	99.37
51.0-52.0	5.7	0.5	485.1	0.10	99.47
52.0-53.0	4.9	0.4	485.5	0.09	99.56
53.0-54.0	4.2	0.4	485.9	0.08	99.64
54.0-55.0	3.5	0.3	486.2	0.06	99.70
55.0-56.0	2.8	0.3	486.4	0.05	99.75
56.0-57.0	2.2	0.2	486.6	0.04	99.79
57.0-58.0	1.8	0.2	486.8	0.03	99.83
58.0-59.0	1.6	0.1	486.9	0.03	99.86
59.0-60.0	1.4	0.1	487.1	0.03	99.88
60.0-61.0	1.3	0.1	487.2	0.03	99.91
61.0-62.0	1.3	0.1	487.3	0.02	99.94
62.0-63.0	1.0	0.1	487.4	0.02	99.96
63.0-64.0	0.7	0.1	487.5	0.01	99.97
64.0-65.0	0.5	0.0	487.5	0.01	99.98
65.0-66.0	0.3	0.0	487.6	0.01	99.99
66.0-67.0	0.2	0.0	487.6	0.00	99.99
67.0-68.0	0.1	0.0	487.6	0.00	99.99
68.0-69.0	0.1	0.0	487.6	0.00	100.00
69.0-70.0	0.1	0.0	487.6	0.00	100.00
70.0-71.0	0.0	0.0	487.6	0.00	100.00
71.0-72.0	0.0	0.0	487.6	0.00	100.00

C Plane (°):0.0-180.0: 180.0
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Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	1113.2	1113.2								
G1.0	1135.8	1088.6								
G2.0	1157.2	1064.1								
G3.0	1176.4	1039.1								
G4.0	1192.6	1012.8								
G5.0	1205.5	985.2								
G6.0	1214.0	956.4								
G7.0	1217.1	925.5								
G8.0	1214.2	892.1								
G9.0	1205.1	856.7								
G10.0	1188.8	818.1								
G11.0	1166.2	776.6								
G12.0	1135.3	734.2								
G13.0	1096.7	691.1								
G14.0	1048.7	648.2								
G15.0	992.5	605.0								
G16.0	928.6	562.6								
G17.0	858.1	521.3								
G18.0	784.8	480.8								
G19.0	709.3	440.4								
G20.0	632.7	401.9								
G21.0	557.3	364.6								
G22.0	485.1	329.1								
G23.0	415.9	295.5								
G24.0	353.7	262.2								
G25.0	297.7	230.3								
G26.0	247.7	199.3								
G27.0	205.0	170.1								
G28.0	169.4	143.9								
G29.0	139.3	119.8								
G30.0	115.7	98.9								
G31.0	96.6	80.8								
G32.0	81.4	66.2								
G33.0	69.4	54.8								
G34.0	59.7	45.9								
G35.0	52.0	38.9								
G36.0	45.9	33.8								

C Plane (°):0.0-180.0: 180.0

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Test Device: CHL-6E

Distance: 2.905 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C180.0								
G37.0	41.0	30.1								
G38.0	36.6	27.0								
G39.0	33.0	24.5								
G40.0	29.2	22.2								
G41.0	25.9	20.1								
G42.0	22.7	18.0								
G43.0	20.0	16.2								
G44.0	17.9	14.4								
G45.0	15.5	12.9								
G46.0	13.7	11.2								
G47.0	12.2	9.6								
G48.0	10.5	8.5								
G49.0	9.1	7.1								
G50.0	8.0	6.2								
G51.0	6.7	5.3								
G52.0	6.0	4.6								
G53.0	5.2	3.9								
G54.0	4.3	3.2								
G55.0	3.5	2.8								
G56.0	2.8	2.1								
G57.0	2.2	1.7								
G58.0	1.8	1.4								
G59.0	2.0	1.1								
G60.0	1.7	1.0								
G61.0	1.7	1.0								
G62.0	1.4	1.0								
G63.0	1.1	0.7								
G64.0	0.7	0.4								
G65.0	0.4	0.4								
G66.0	0.3	0.3								
G67.0	0.1	0.1								
G68.0	0.1	0.0								
G69.0	0.3	0.1								
G70.0	0.0	0.0								
G71.0	0.0	0.0								
G72.0	0.0	0.0								
G73.0	0.0	0.0								

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Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Unit: cd

[illegible]

Inspector: