

Test Time: 2026-10-10 16:44

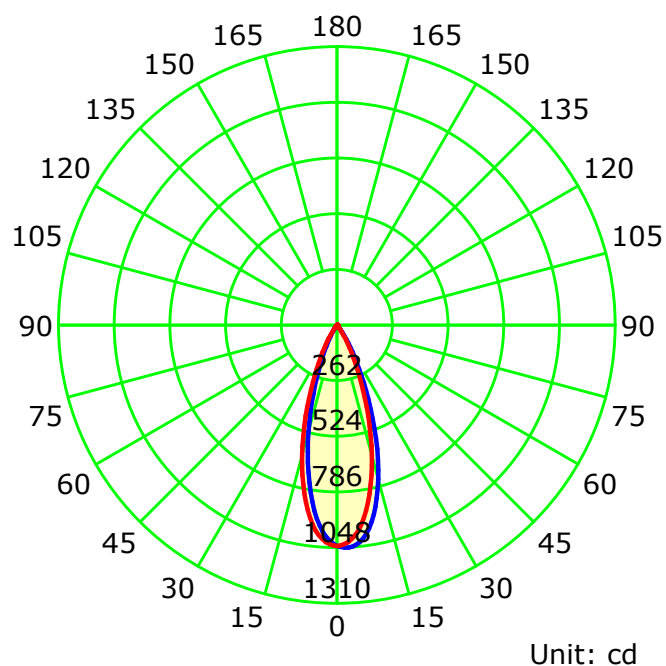
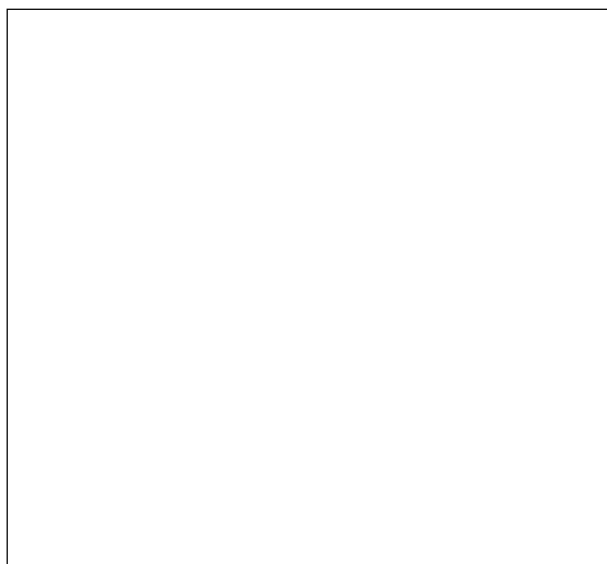
Luminaire Property

Power Factor: 0.575

Photometric Results

S/MH(C90/C270): 0.58

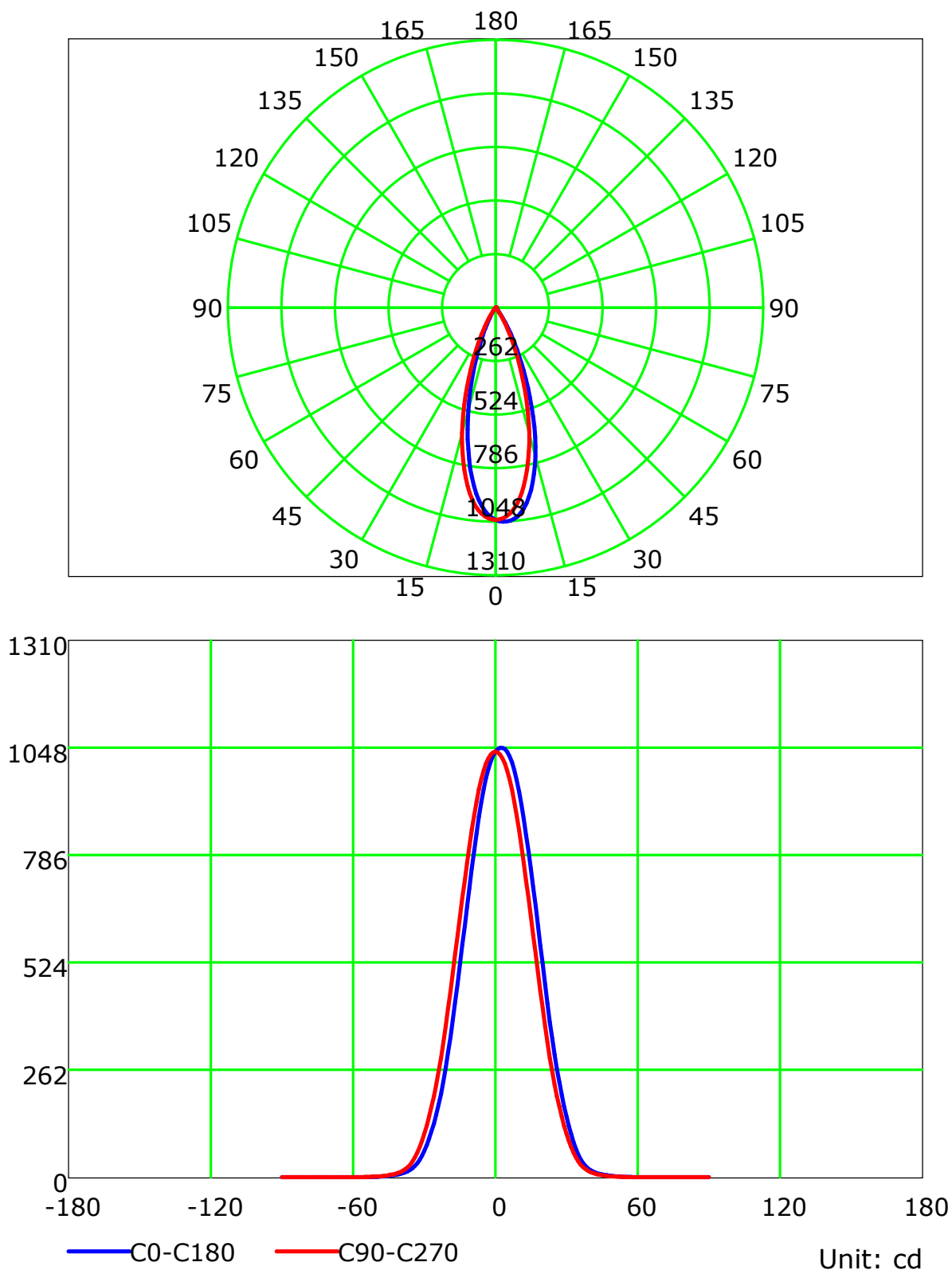
Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

Inspector:

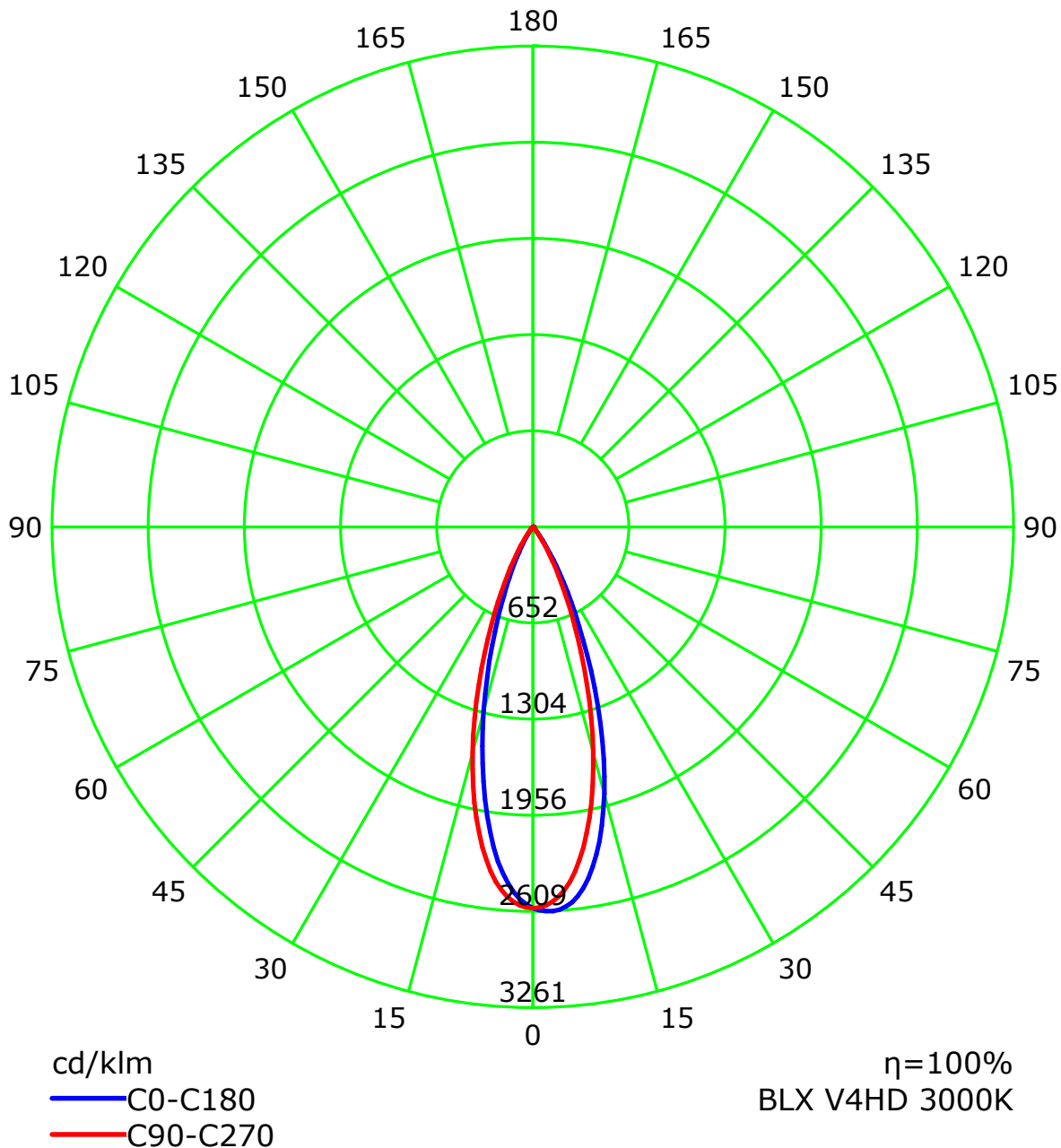
Luminous Intensity Distribution Curve



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: 3.218 m
Humidity:
Inspector:

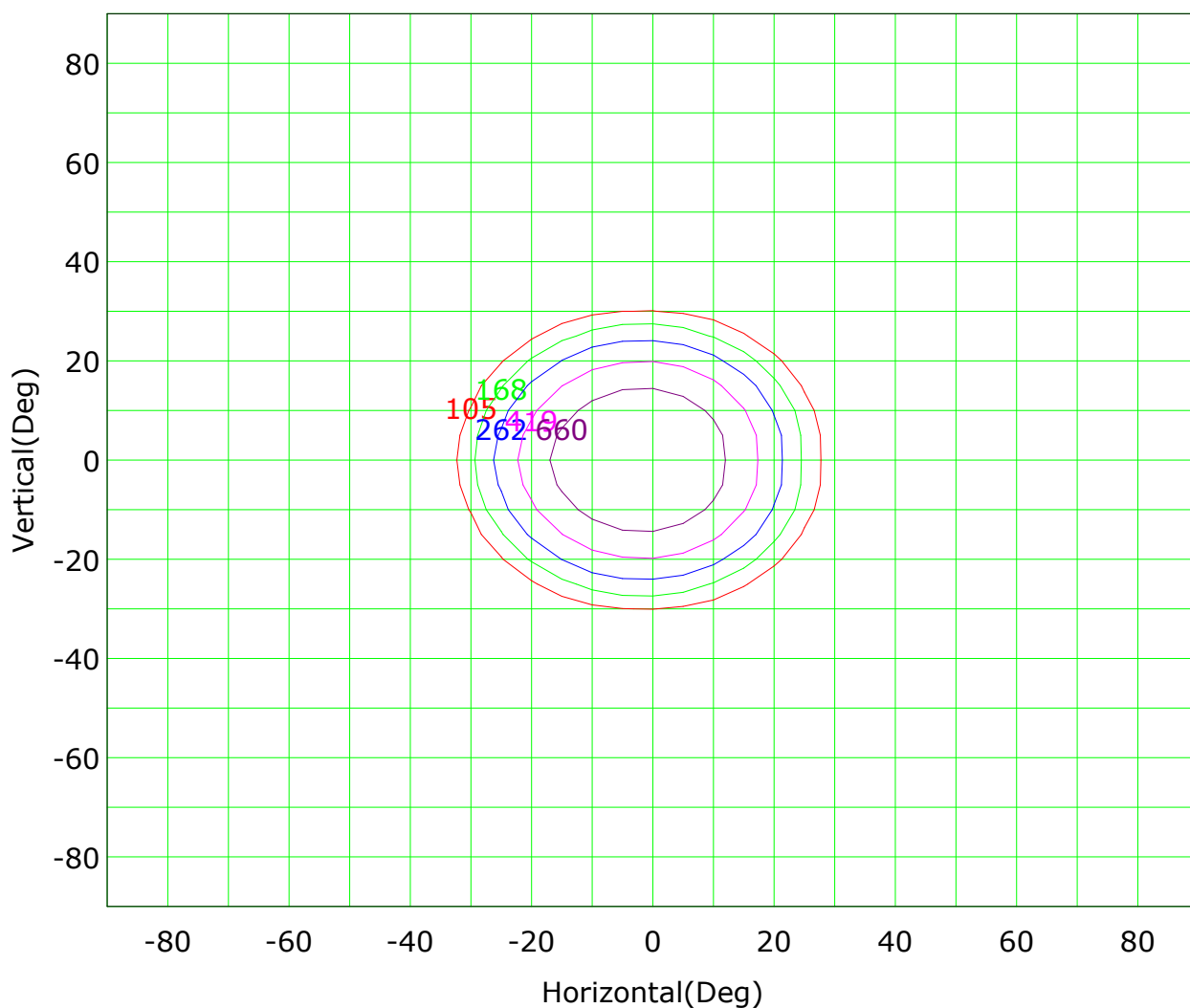
Luminous Intensity Distribution Curve(cd/klm)



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

Gamma Plane (°):0.0-90.0:1.0
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Inspector:

Isocandela (rectangle)



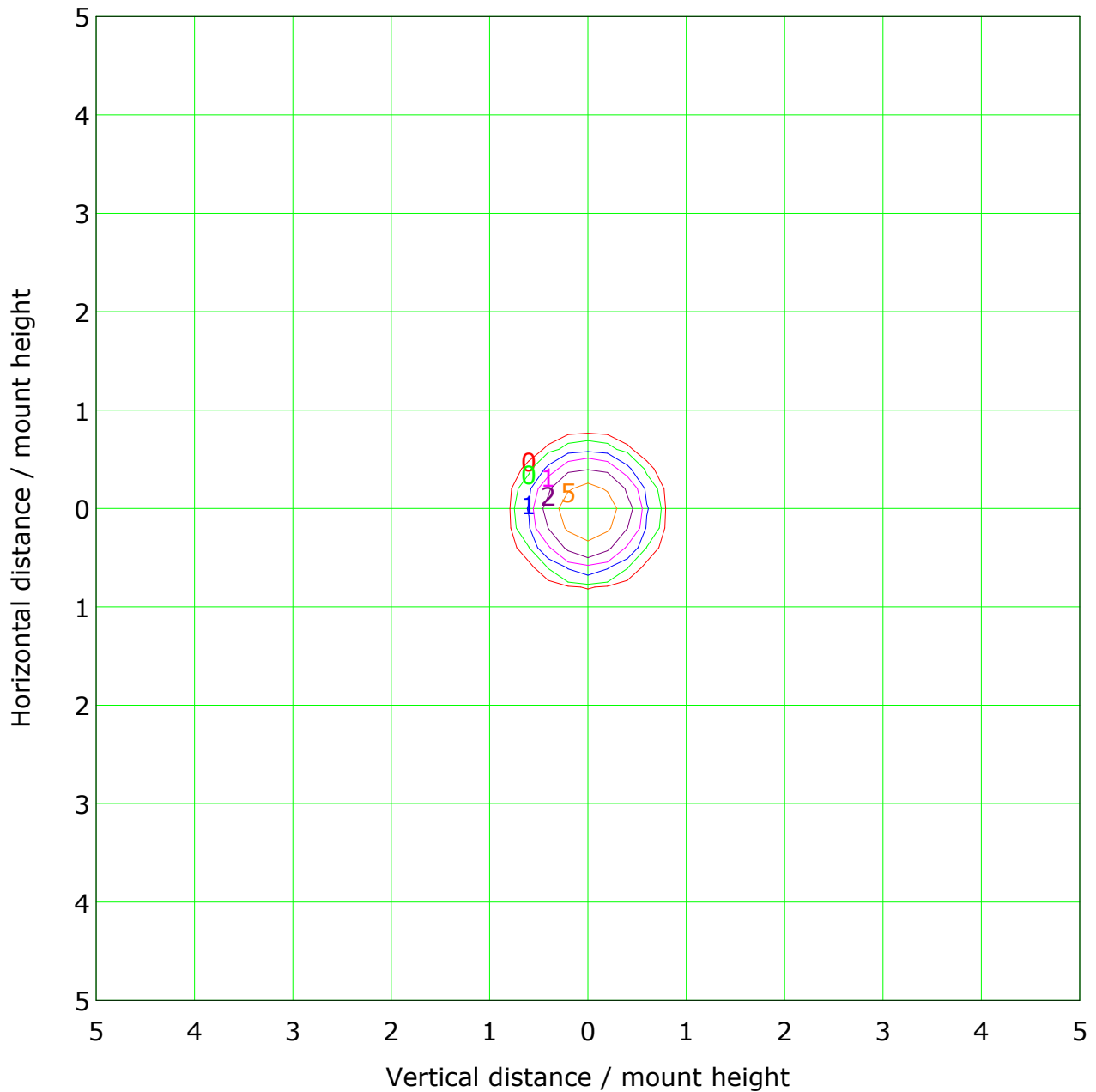
Imax (100%): 1048 cd

(10%): 105 cd	(16%): 168 cd
(25%): 262 cd	(40%): 419 cd
(63%): 660 cd	(100%): 1048 cd

C Plane (°):0.0-180.0: 180.0
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Inspector:

IsoLux Plot



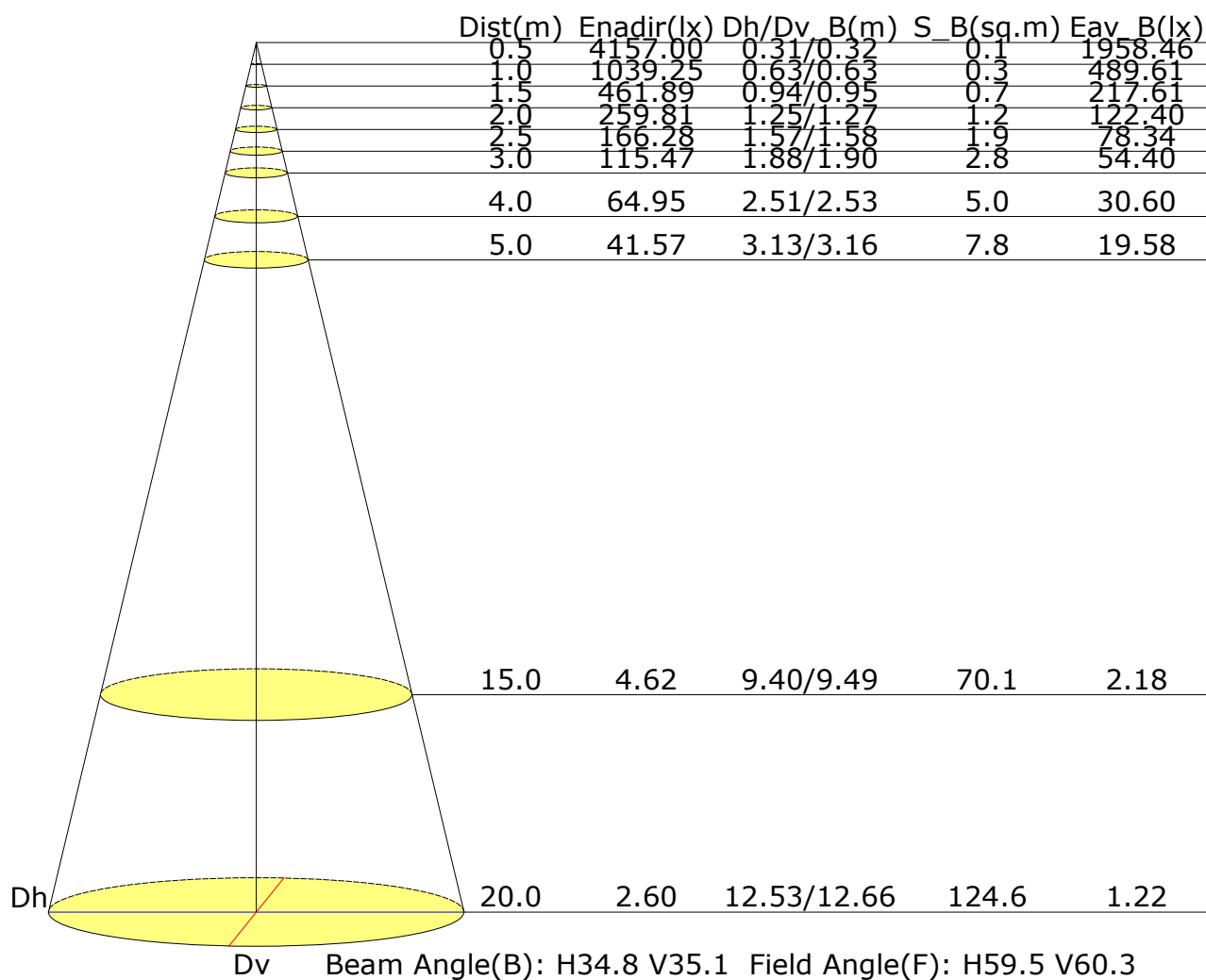
Mounting Height: 10.0m Max Lux(100%): 10.5 lx

(1%): 0.1 lx	(2%): 0.2 lx
(5%): 0.5 lx	(10%): 1.0 lx
(20%): 2.1 lx	(50%): 5.2 lx
(100%): 10.5 lx	

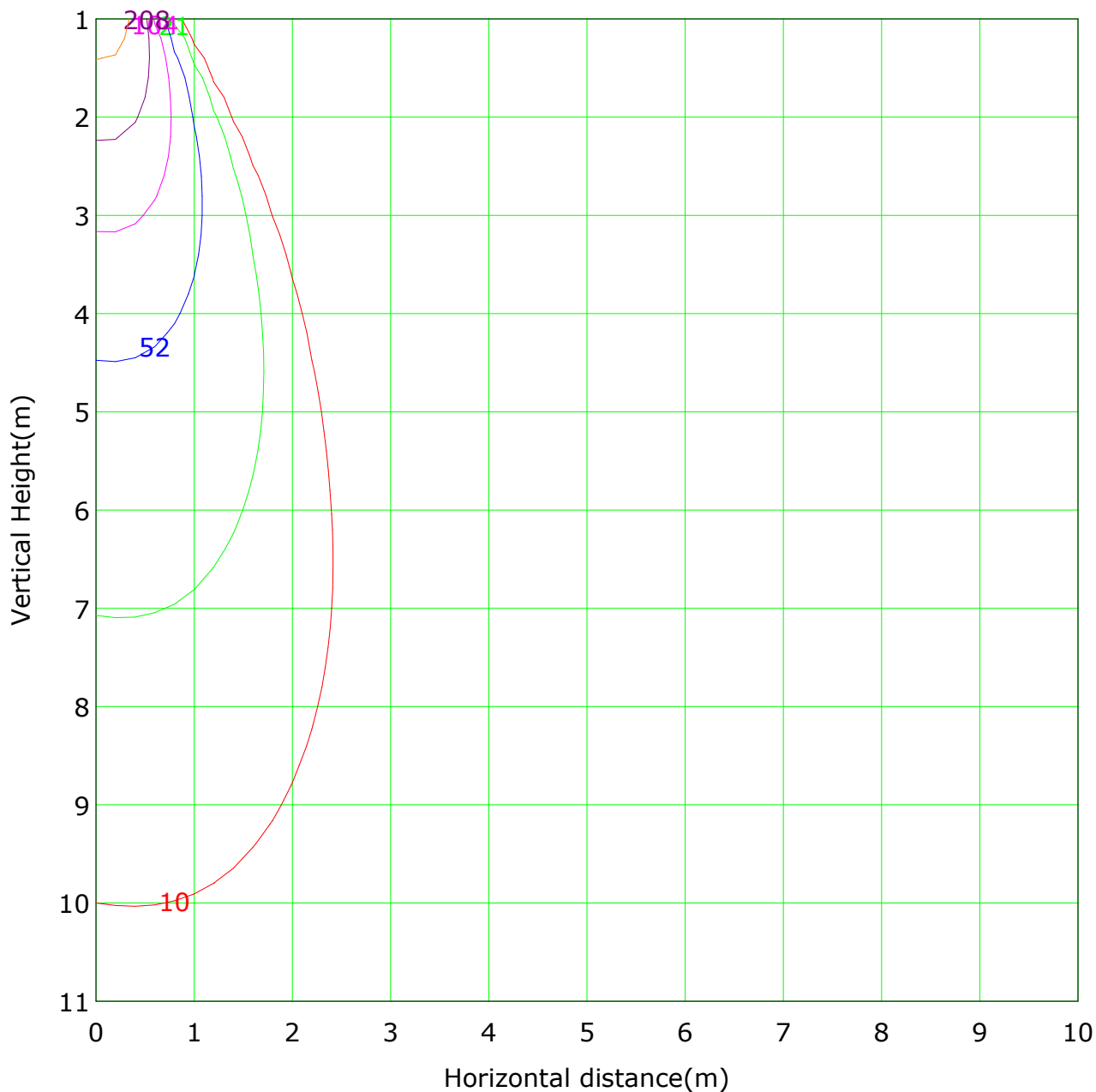
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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Test Device: CHL-6E
Distance: 3.218 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1039.3 lx
— (1%): 10.4 lx — (2%): 20.8 lx
— (5%): 52.0 lx — (10%): 103.9 lx
— (20%): 207.8 lx — (50%): 519.6 lx
— (100%):1039.3 lx

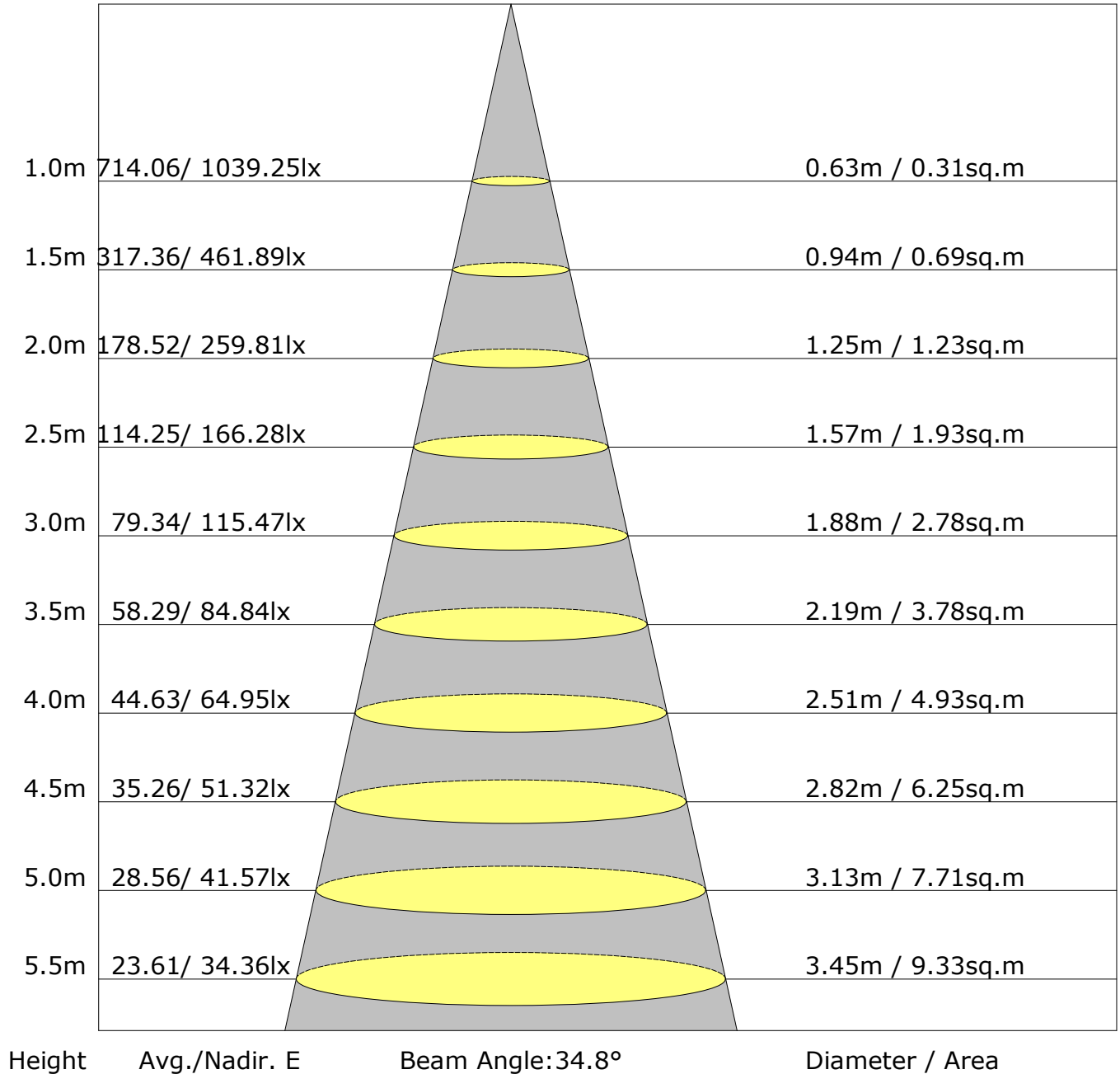
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.218 m
Humidity:
Inspector:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.218 m
Humidity:
Inspector:

The Average Illuminance Effective Figure

Flux Out: 220.22lm



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: 3.218 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	12.6	13.3	12.9	13.5	13.7	11.1	11.7	11.3	11.9	12.1
3H	12.5	13.1	12.8	13.3	13.6	10.9	11.5	11.2	11.8	12.0
4H	12.4	13.0	12.7	13.3	13.5	10.8	11.4	11.2	11.7	11.9
6H	12.3	12.9	12.7	13.2	13.4	10.8	11.3	11.1	11.6	11.9
8H	12.3	12.8	12.6	13.1	13.4	10.7	11.3	11.1	11.5	11.8
12H	12.3	12.8	12.6	13.1	13.4	10.7	11.2	11.0	11.5	11.8
X=4H Y=2H	12.4	13.0	12.7	13.3	13.5	10.9	11.4	11.2	11.7	12.0
3H	12.3	12.8	12.6	13.1	13.4	10.7	11.2	11.0	11.5	11.8
4H	12.2	12.6	12.6	13.0	13.3	10.6	11.1	11.0	11.4	11.7
6H	12.1	12.5	12.5	12.9	13.2	10.5	10.9	10.9	11.3	11.7
8H	12.0	12.4	12.5	12.8	13.2	10.5	10.8	10.9	11.2	11.6
12H	12.0	12.3	12.4	12.7	13.2	10.4	10.8	10.9	11.2	11.6
X=8H Y=4H	12.0	12.4	12.5	12.8	13.2	10.5	10.8	10.9	11.2	11.6
6H	11.9	12.2	12.4	12.7	13.1	10.4	10.7	10.8	11.1	11.6
8H	11.9	12.2	12.4	12.6	13.1	10.3	10.6	10.8	11.0	11.5
12H	11.9	12.1	12.3	12.5	13.0	10.3	10.5	10.8	11.0	11.5
X=12H Y=4H	12.0	12.3	12.4	12.7	13.2	10.4	10.8	10.9	11.2	11.6
6H	11.9	12.2	12.4	12.6	13.1	10.3	10.6	10.8	11.0	11.5
8H	11.9	12.1	12.3	12.5	13.0	10.3	10.5	10.8	11.0	11.5
Variations with the observer position at spacings:										
S=1.0H	+6.3/-17.7					+6.0/-18.0				
S=1.5H	+9.1/-27.7					+8.8/-28.9				
S=2.0H	+11.1/-1.\$					+10.8/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 402lm ($8\log(F/F_0) = -3.2$).

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Test Device: CHL-6E
Distance: 3.218 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	222	55.2
	FL (0°-30°)	202	50.3
	FM (30°-60°)	20	4.9
	FH (60°-80°)	0	0.0
	FVH (80°-90°)	0	0.0
	BACK LIGHT	180	44.8
	BL (0°-30°)	167	41.5
	BM (30°-60°)	13	3.3
	BH (60°-80°)	0	0.0
	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

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Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.218 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	1038.1	1.0	1.0	0.25	0.25
1.0-2.0	1034.3	3.0	4.0	0.74	0.99
2.0-3.0	1027.2	4.9	8.9	1.22	2.21
3.0-4.0	1016.3	6.8	15.7	1.69	3.90
4.0-5.0	1001.3	8.6	24.3	2.14	6.05
5.0-6.0	982.5	10.3	34.6	2.57	8.62
6.0-7.0	959.3	11.9	46.5	2.96	11.58
7.0-8.0	931.1	13.3	59.9	3.32	14.90
8.0-9.0	900.0	14.6	74.4	3.63	18.53
9.0-10.0	865.3	15.7	90.1	3.90	22.43
10.0-11.0	827.3	16.5	106.6	4.12	26.55
11.0-12.0	787.8	17.2	123.9	4.29	30.83
12.0-13.0	746.0	17.7	141.6	4.41	35.24
13.0-14.0	702.7	18.0	159.6	4.48	39.72
14.0-15.0	658.9	18.1	177.7	4.50	44.22
15.0-16.0	613.7	18.0	195.6	4.48	48.70
16.0-17.0	567.9	17.7	213.3	4.40	53.11
17.0-18.0	522.3	17.2	230.6	4.29	57.39
18.0-19.0	476.8	16.6	247.1	4.13	61.52
19.0-20.0	432.4	15.8	263.0	3.94	65.46
20.0-21.0	389.7	15.0	277.9	3.73	69.19
21.0-22.0	348.9	14.0	292.0	3.49	72.68
22.0-23.0	310.5	13.0	305.0	3.24	75.92
23.0-24.0	274.7	12.0	317.0	2.99	78.91
24.0-25.0	242.1	11.0	328.0	2.74	81.65
25.0-26.0	212.1	10.0	338.0	2.49	84.15
26.0-27.0	184.9	9.0	347.1	2.25	86.40
27.0-28.0	160.2	8.1	355.2	2.02	88.42
28.0-29.0	137.1	7.2	362.4	1.79	90.20
29.0-30.0	116.1	6.3	368.6	1.56	91.77
30.0-31.0	97.5	5.4	374.1	1.35	93.12
31.0-32.0	81.4	4.7	378.7	1.16	94.28
32.0-33.0	67.2	4.0	382.7	0.99	95.26
33.0-34.0	54.3	3.3	386.0	0.82	96.08
34.0-35.0	43.4	2.7	388.7	0.67	96.75
35.0-36.0	34.9	2.2	390.9	0.55	97.30

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Distance: 3.218 m
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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	27.9	1.8	392.7	0.45	97.76
37.0-38.0	22.4	1.5	394.2	0.37	98.13
38.0-39.0	18.1	1.2	395.4	0.31	98.44
39.0-40.0	14.6	1.0	396.4	0.25	98.69
40.0-41.0	12.0	0.9	397.3	0.21	98.90
41.0-42.0	10.0	0.7	398.0	0.18	99.08
42.0-43.0	8.3	0.6	398.6	0.15	99.24
43.0-44.0	7.0	0.5	399.2	0.13	99.37
44.0-45.0	5.8	0.4	399.6	0.11	99.48
45.0-46.0	4.8	0.4	400.0	0.09	99.57
46.0-47.0	4.0	0.3	400.3	0.08	99.65
47.0-48.0	3.3	0.3	400.6	0.07	99.72
48.0-49.0	2.7	0.2	400.8	0.06	99.77
49.0-50.0	2.2	0.2	401.0	0.05	99.82
50.0-51.0	1.8	0.1	401.1	0.04	99.86
51.0-52.0	1.5	0.1	401.3	0.03	99.89
52.0-53.0	1.2	0.1	401.4	0.03	99.91
53.0-54.0	0.9	0.1	401.4	0.02	99.93
54.0-55.0	0.8	0.1	401.5	0.02	99.95
55.0-56.0	0.6	0.1	401.6	0.01	99.97
56.0-57.0	0.5	0.0	401.6	0.01	99.98
57.0-58.0	0.3	0.0	401.6	0.01	99.98
58.0-59.0	0.2	0.0	401.7	0.00	99.99
59.0-60.0	0.1	0.0	401.7	0.00	99.99
60.0-61.0	0.1	0.0	401.7	0.00	99.99
61.0-62.0	0.1	0.0	401.7	0.00	99.99
62.0-63.0	0.1	0.0	401.7	0.00	100.00
63.0-64.0	0.0	0.0	401.7	0.00	100.00
64.0-65.0	0.0	0.0	401.7	0.00	100.00
65.0-66.0	0.0	0.0	401.7	0.00	100.00
66.0-67.0	0.0	0.0	401.7	0.00	100.00
67.0-68.0	0.0	0.0	401.7	0.00	100.00
68.0-69.0	0.0	0.0	401.7	0.00	100.00
69.0-70.0	0.0	0.0	401.7	0.00	100.00
70.0-71.0	0.0	0.0	401.7	0.00	100.00
71.0-72.0	0.0	0.0	401.7	0.00	100.00

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Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.218 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	1039.3	1039.3								
G1.0	1044.7	1029.1								
G2.0	1047.8	1015.6								
G3.0	1048.2	997.4								
G4.0	1045.6	974.2								
G5.0	1038.4	946.9								
G6.0	1028.1	916.7								
G7.0	1012.8	879.5								
G8.0	993.6	838.6								
G9.0	969.9	797.8								
G10.0	940.6	753.0								
G11.0	909.5	706.2								
G12.0	875.0	660.5								
G13.0	835.5	613.0								
G14.0	795.2	567.2								
G15.0	752.8	520.5								
G16.0	708.2	473.5								
G17.0	661.9	428.0								
G18.0	614.2	385.3								
G19.0	565.8	342.0								
G20.0	517.9	303.9								
G21.0	470.0	266.9								
G22.0	424.0	234.6								
G23.0	379.3	204.0								
G24.0	338.2	177.3								
G25.0	299.6	153.3								
G26.0	264.3	131.3								
G27.0	231.7	112.6								
G28.0	201.8	94.7								
G29.0	173.1	78.8								
G30.0	147.8	64.7								
G31.0	124.6	52.8								
G32.0	105.2	42.9								
G33.0	86.0	34.8								
G34.0	68.5	27.8								
G35.0	55.1	22.3								
G36.0	43.9	18.2								

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Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C180.0								
G37.0	34.5	14.9								
G38.0	27.6	12.4								
G39.0	22.0	10.5								
G40.0	17.9	8.2								
G41.0	14.6	7.2								
G42.0	12.0	6.2								
G43.0	9.8	5.2								
G44.0	8.4	4.5								
G45.0	7.2	3.3								
G46.0	5.8	2.8								
G47.0	5.2	2.2								
G48.0	4.1	1.9								
G49.0	3.3	1.5								
G50.0	2.8	1.2								
G51.0	2.2	0.9								
G52.0	2.1	0.9								
G53.0	1.5	0.5								
G54.0	1.0	0.5								
G55.0	1.2	0.3								
G56.0	0.9	0.2								
G57.0	0.9	0.0								
G58.0	0.5	0.0								
G59.0	0.2	0.0								
G60.0	0.2	0.0								
G61.0	0.2	0.0								
G62.0	0.2	0.0								
G63.0	0.2	0.0								
G64.0	0.0	0.0								
G65.0	0.2	0.0								
G66.0	0.0	0.0								
G67.0	0.0	0.0								
G68.0	0.0	0.0								
G69.0	0.0	0.0								
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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Humidity:

Inspector:

Unit: cd

Inspector: