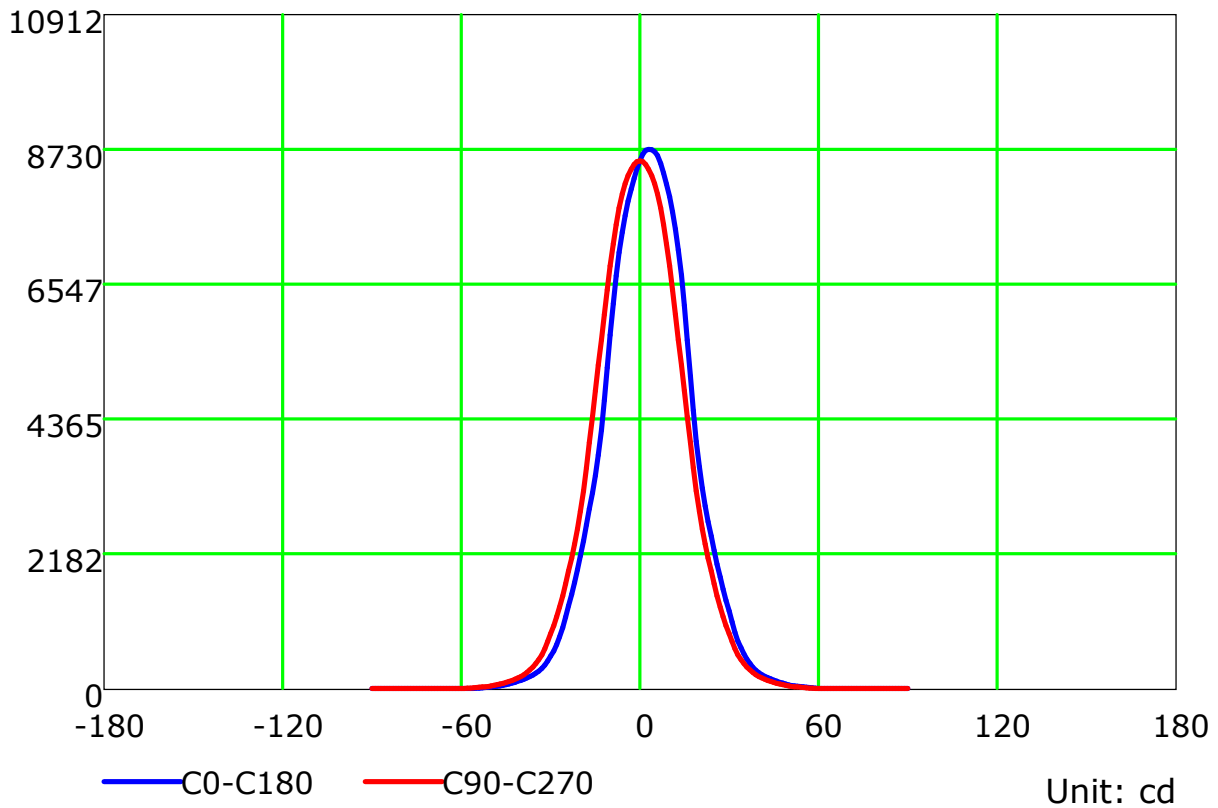
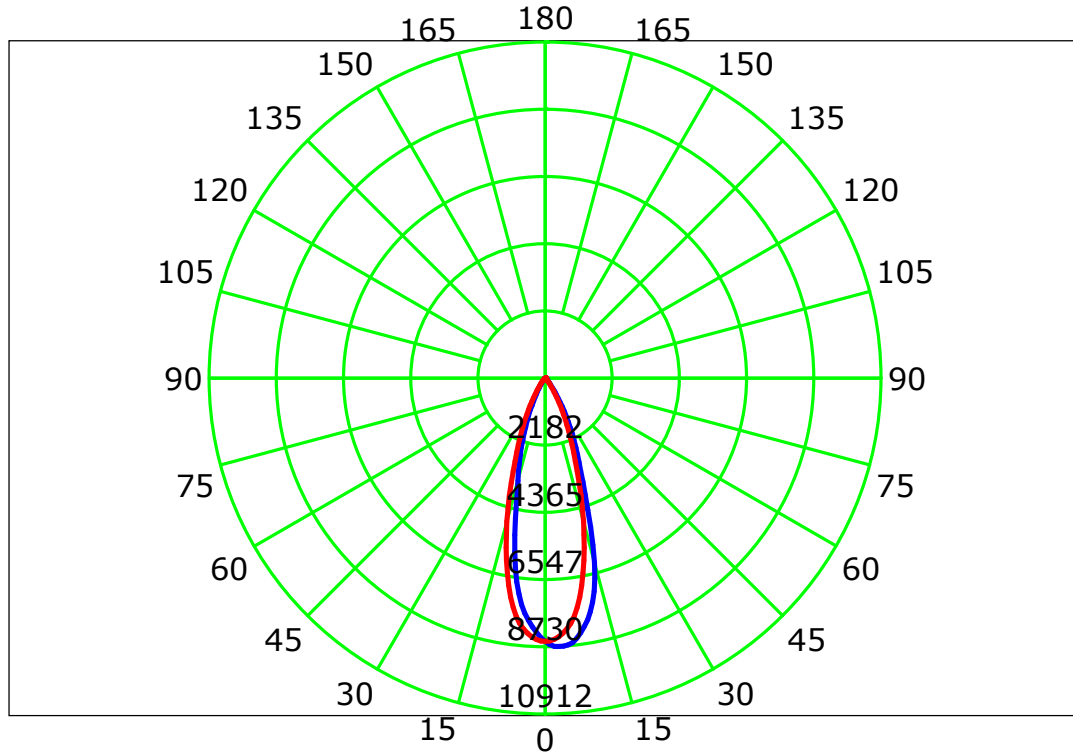


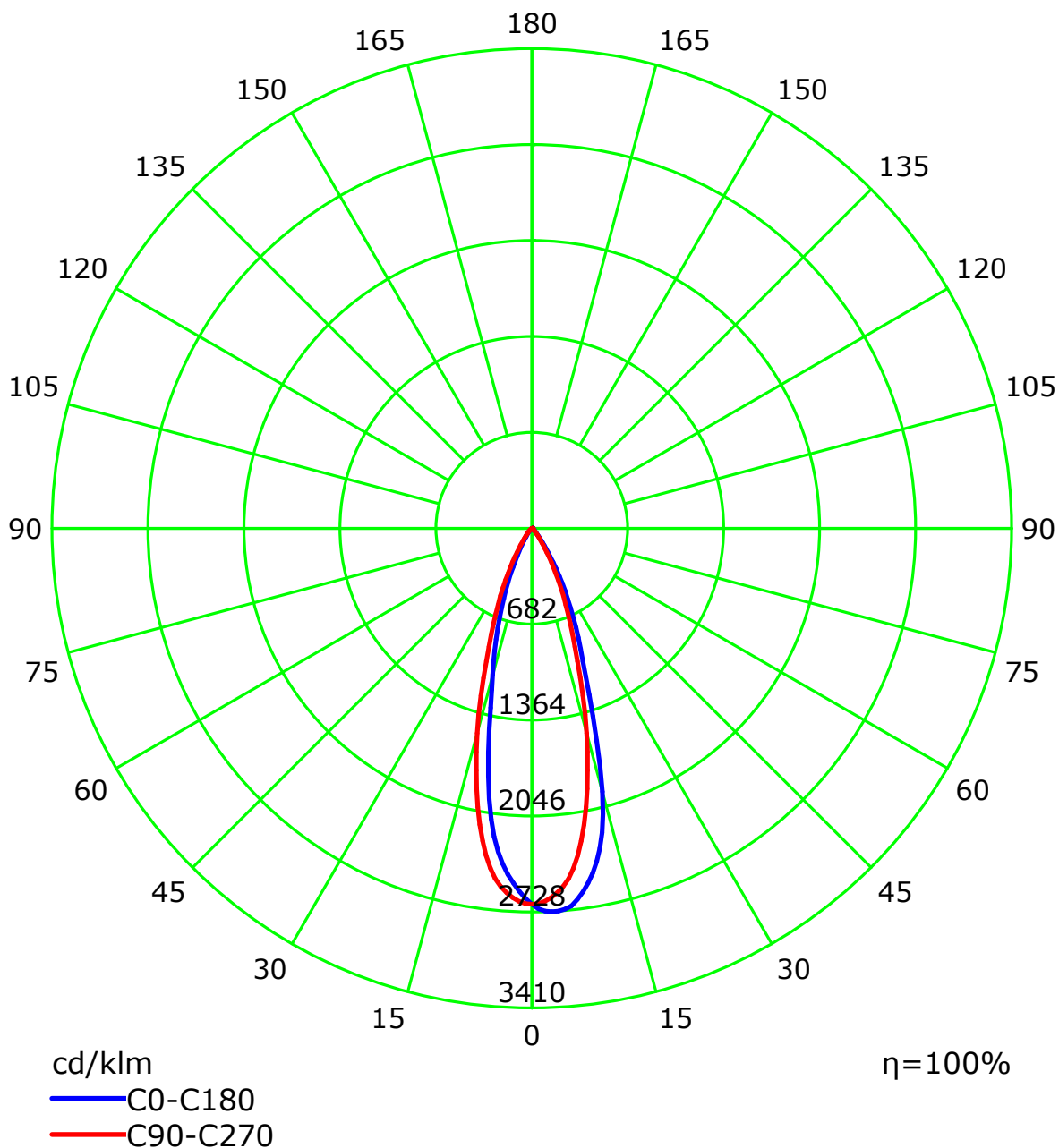
Luminous Intensity Distribution Curve



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: 3.328 m
Humidity:
Inspector:

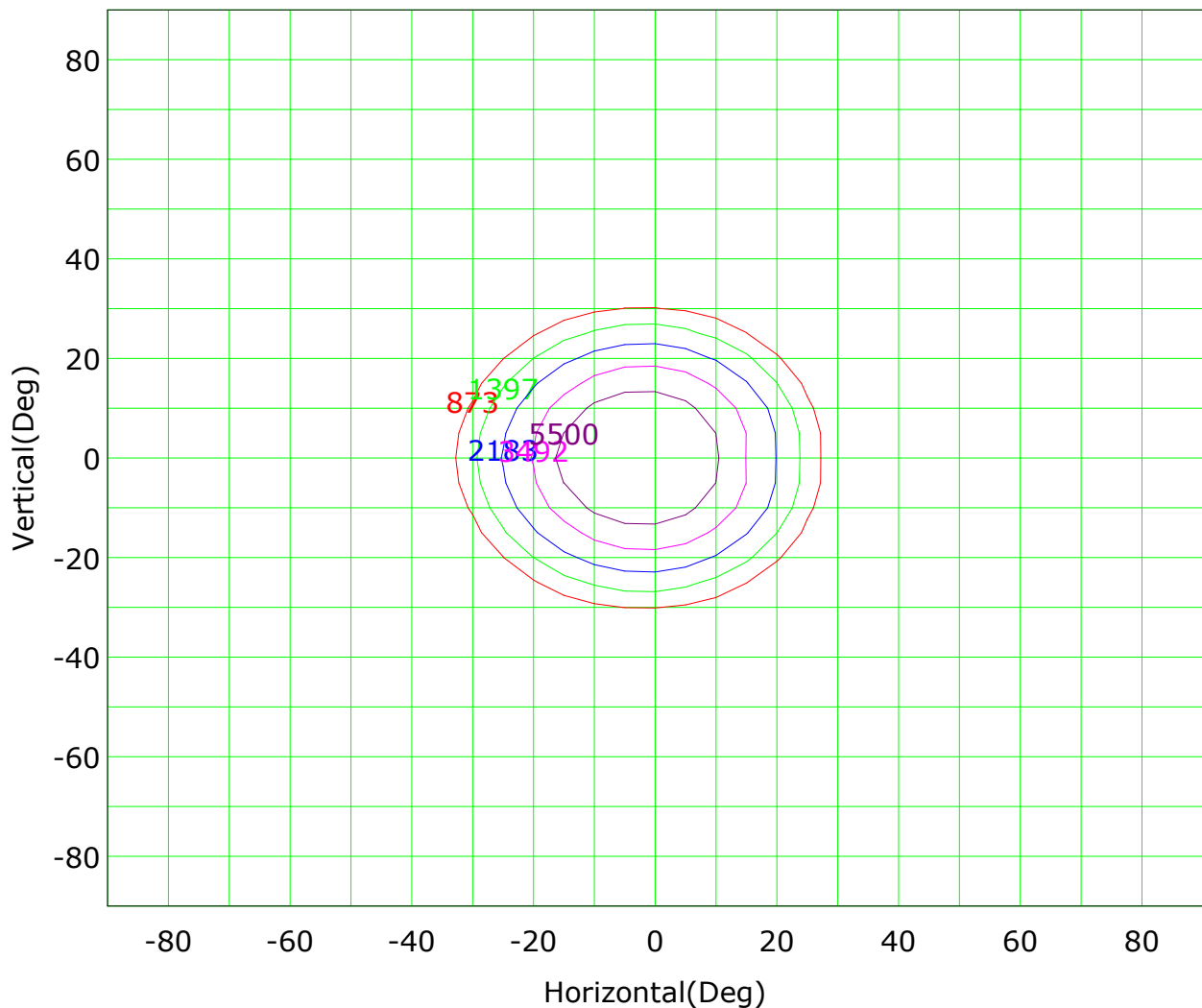
Luminous Intensity Distribution Curve(cd/klm)



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: 3.328 m
Humidity:
Inspector:

Isocandela (rectangle)



Imax (100%): 8730 cd

(10%): 873 cd	(16%): 1397 cd
(25%): 2183 cd	(40%): 3492 cd
(63%): 5500 cd	(100%): 8730 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

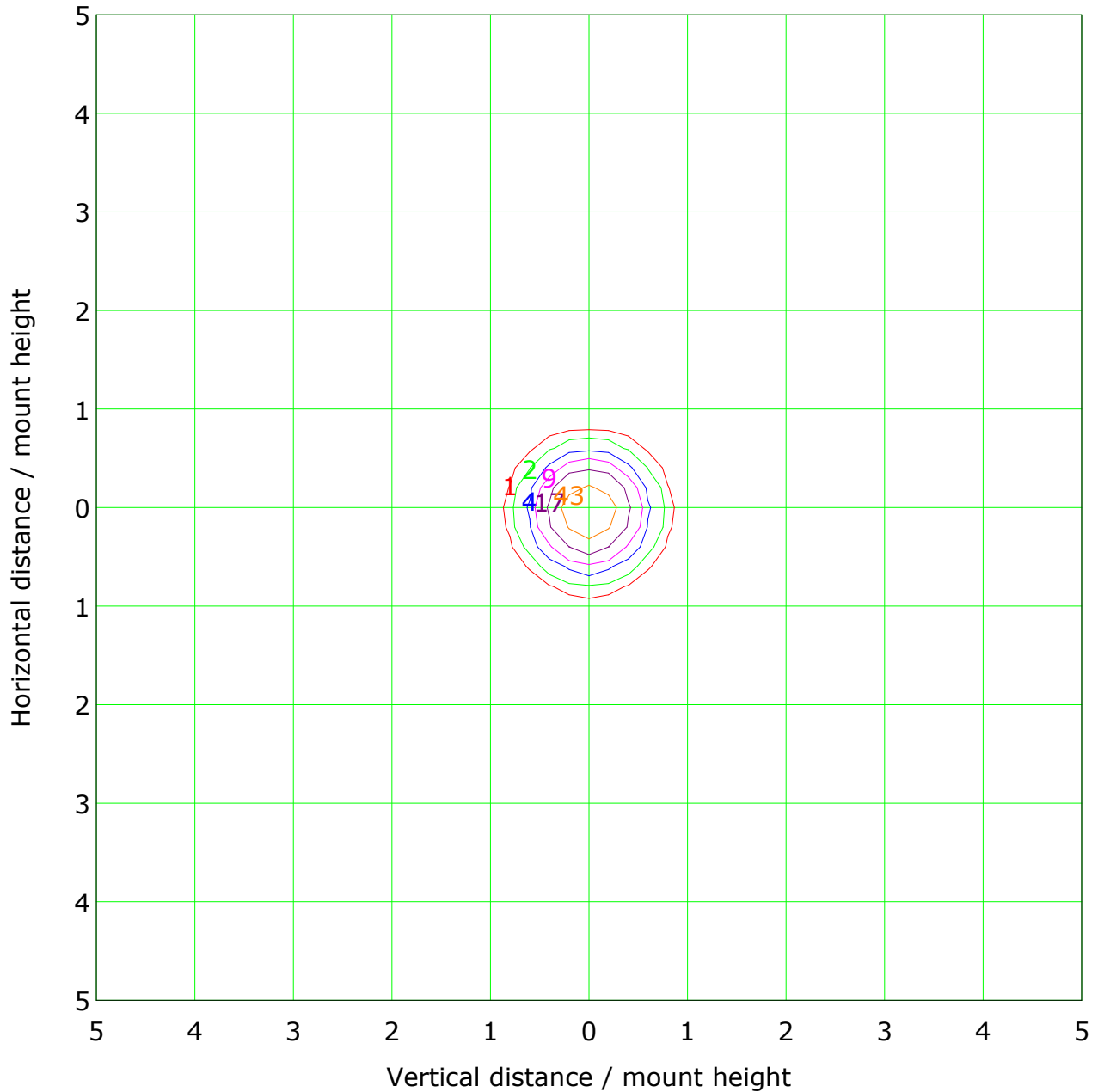
Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 87.0 lx

(1%): 0.9 lx	(2%): 1.7 lx
(5%): 4.3 lx	(10%): 8.7 lx
(20%): 17.4 lx	(50%): 43.5 lx
(100%): 87.0 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

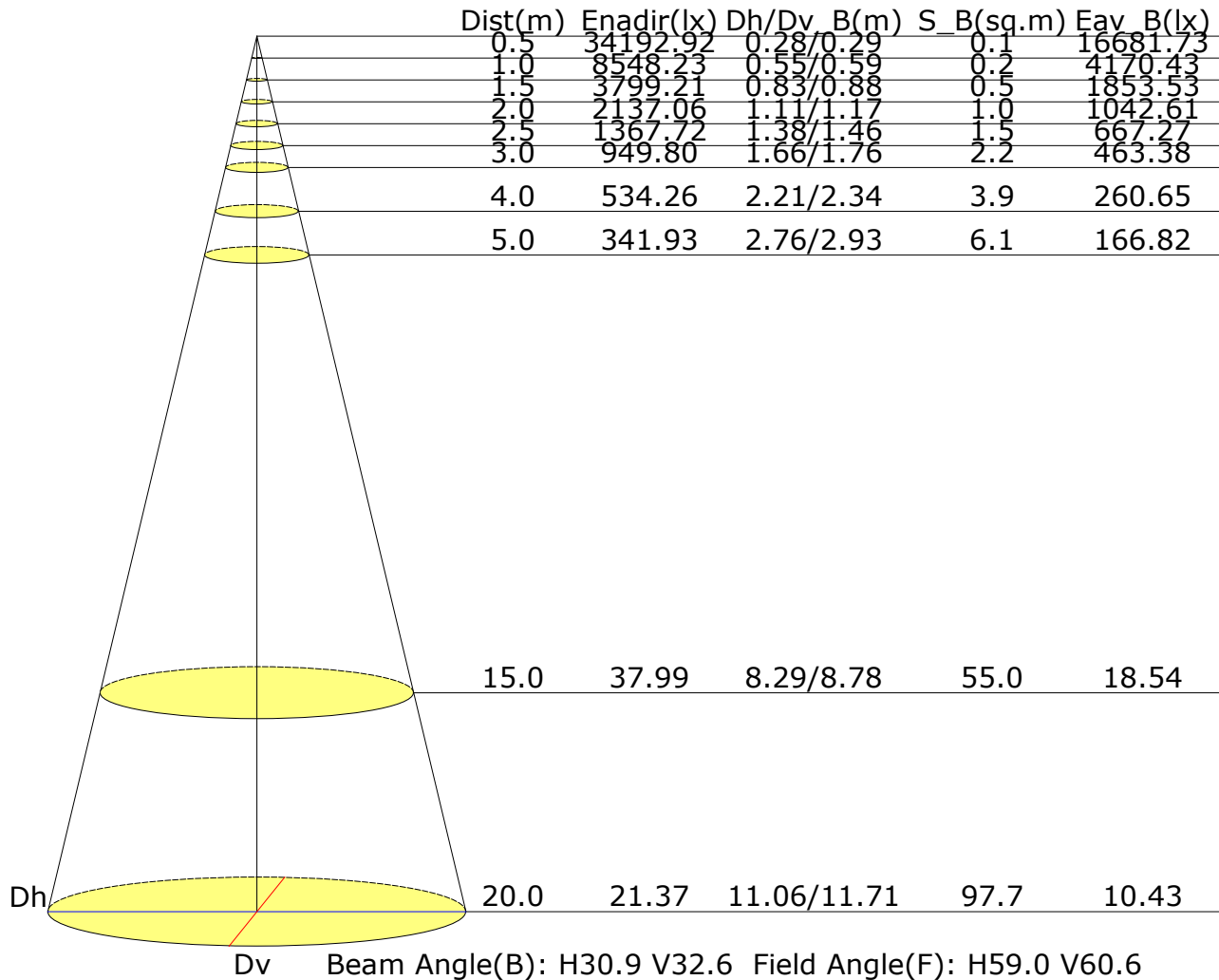
Test Device: CHL-6E

Distance: 3.328 m

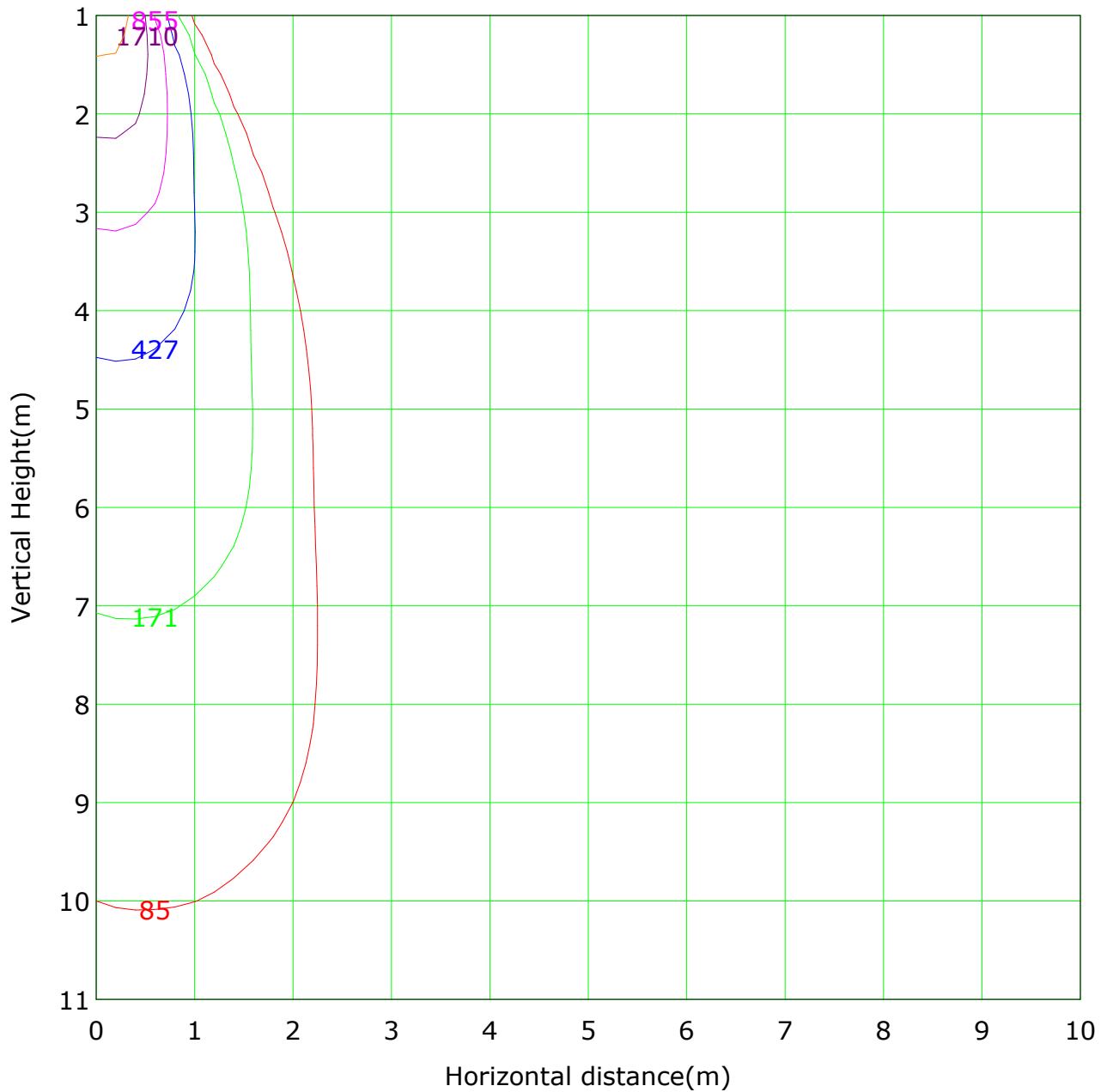
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 8548.2 lx

(1%): 85.5 lx	(2%): 171.0 lx
(5%): 427.4 lx	(10%): 854.8 lx
(20%): 1709.6 lx	(50%): 4274.1 lx
(100%): 8548.2 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: 3.328 m
Humidity:
Inspector:

Area Flux Table

Unit: lm

Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3199	
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		2832

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

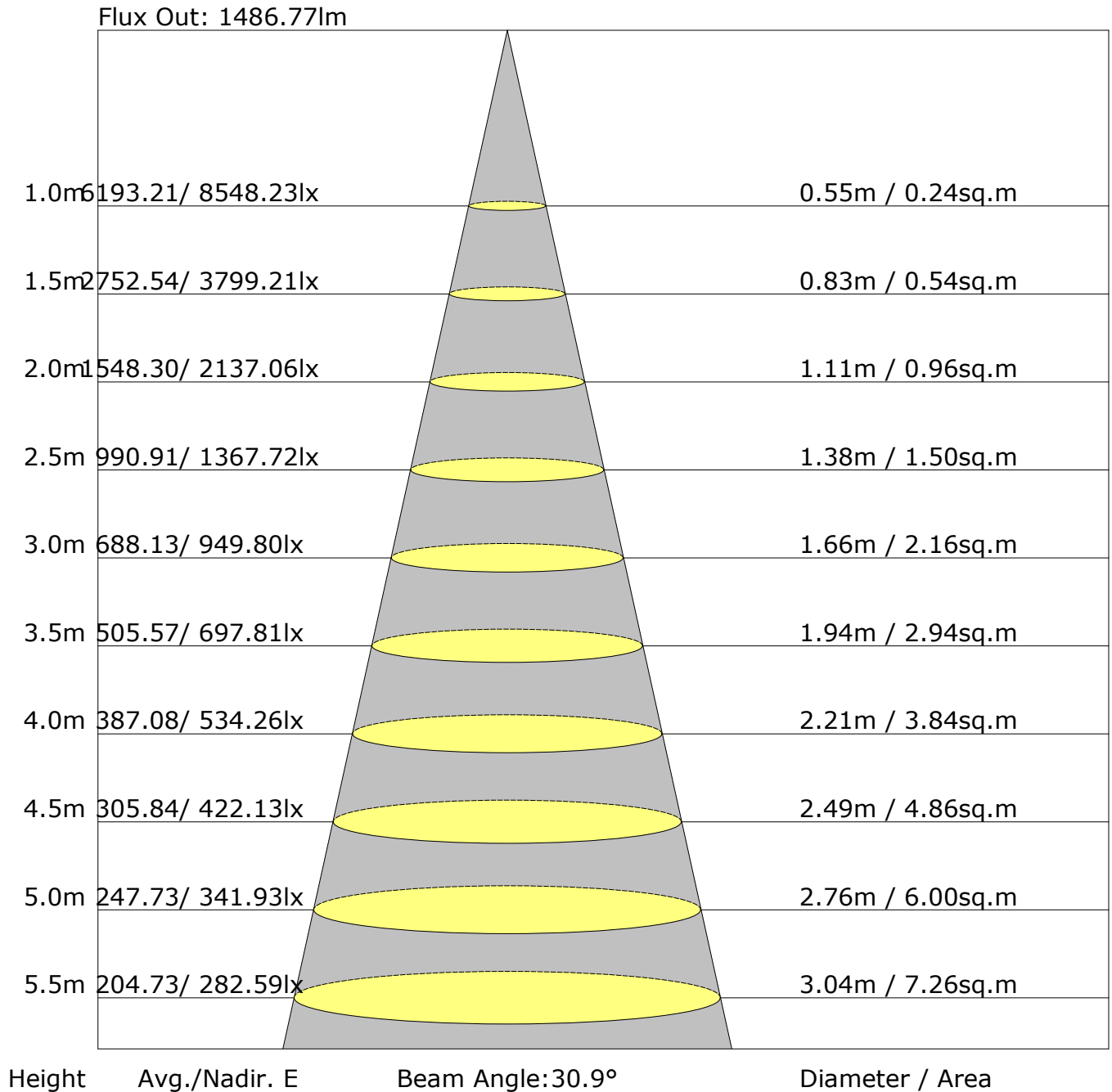
Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:

The Average Illuminance Effective Figure



UGR Table

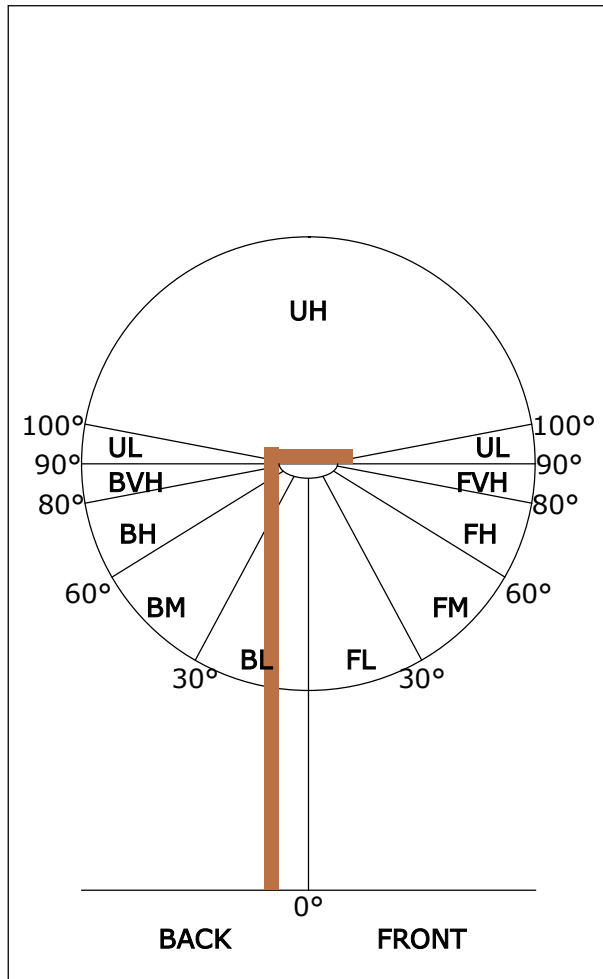
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	19.1	19.8	19.3	20.0	20.2	17.7	18.4	18.0	18.6	18.8
3H	18.9	19.6	19.2	19.8	20.0	17.6	18.2	17.9	18.4	18.7
4H	18.9	19.5	19.2	19.7	20.0	17.5	18.1	17.8	18.4	18.6
6H	18.8	19.3	19.1	19.6	19.9	17.4	18.0	17.7	18.3	18.5
8H	18.8	19.3	19.1	19.6	19.9	17.4	17.9	17.7	18.2	18.5
12H	18.7	19.2	19.1	19.5	19.8	17.3	17.9	17.7	18.2	18.5
X=4H Y=2H	18.9	19.5	19.2	19.7	20.0	17.5	18.1	17.8	18.4	18.6
3H	18.7	19.2	19.1	19.5	19.9	17.4	17.9	17.7	18.2	18.5
4H	18.6	19.1	19.0	19.4	19.8	17.3	17.7	17.6	18.1	18.4
6H	18.6	19.0	19.0	19.3	19.7	17.2	17.6	17.6	18.0	18.3
8H	18.5	18.9	18.9	19.3	19.7	17.1	17.5	17.6	17.9	18.3
12H	18.5	18.8	18.9	19.2	19.6	17.1	17.4	17.5	17.8	18.3
X=8H Y=4H	18.5	18.9	18.9	19.3	19.7	17.1	17.5	17.6	17.9	18.3
6H	18.4	18.7	18.9	19.1	19.6	17.0	17.3	17.5	17.8	18.2
8H	18.4	18.6	18.8	19.1	19.5	17.0	17.3	17.5	17.7	18.2
12H	18.3	18.5	18.8	19.0	19.5	16.9	17.2	17.4	17.6	18.1
X=12H Y=4H	18.5	18.8	18.9	19.2	19.6	17.1	17.4	17.5	17.8	18.3
6H	18.4	18.6	18.8	19.1	19.5	17.0	17.3	17.5	17.7	18.2
8H	18.3	18.5	18.8	19.0	19.5	16.9	17.2	17.4	17.6	18.1
Variations with the observer position at spacings:										
S=1.0H	+5.2/-10.2					+4.8/-11.4				
S=1.5H	+8.0/-1.\$					+7.6/-1.\$				
S=2.0H	+10.0/-1.\$					+9.6/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 3200lm ($8\log(F/F_0) = 4.0$).

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: 3.328 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	1796	56.1
FL (0°-30°)	1574	49.2
FM (30°-60°)	222	6.9
FH (60°-80°)	0	0.0
FVH (80°-90°)	0	0.0
BACK LIGHT	1404	43.9
BL (0°-30°)	1254	39.2
BM (30°-60°)	150	4.7
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)	B3 U0 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U0 G0

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: 3.328 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	8543.2	8.2	8.2	0.26	0.26
1.0-2.0	8513.6	24.4	32.6	0.76	1.02
2.0-3.0	8449.4	40.4	73.0	1.26	2.28
3.0-4.0	8359.4	56.0	129.0	1.75	4.03
4.0-5.0	8243.7	70.9	199.9	2.22	6.25
5.0-6.0	8096.0	85.1	285.0	2.66	8.91
6.0-7.0	7899.4	98.1	383.1	3.06	11.97
7.0-8.0	7651.0	109.5	492.6	3.42	15.39
8.0-9.0	7359.6	119.3	611.9	3.73	19.12
9.0-10.0	7024.2	127.1	739.0	3.97	23.09
10.0-11.0	6652.1	132.9	872.0	4.15	27.25
11.0-12.0	6256.9	136.8	1008.7	4.27	31.52
12.0-13.0	5850.8	138.9	1147.6	4.34	35.86
13.0-14.0	5442.2	139.3	1286.9	4.35	40.21
14.0-15.0	5032.4	138.2	1425.1	4.32	44.53
15.0-16.0	4616.3	135.3	1560.4	4.23	48.76
16.0-17.0	4194.0	130.6	1691.0	4.08	52.84
17.0-18.0	3778.9	124.6	1815.6	3.89	56.74
18.0-19.0	3388.1	117.9	1933.5	3.68	60.42
19.0-20.0	3034.3	111.1	2044.6	3.47	63.89
20.0-21.0	2727.3	104.7	2149.3	3.27	67.16
21.0-22.0	2462.7	99.0	2248.3	3.09	70.26
22.0-23.0	2226.8	93.4	2341.8	2.92	73.18
23.0-24.0	2009.3	87.9	2429.6	2.75	75.92
24.0-25.0	1800.2	81.9	2511.5	2.56	78.48
25.0-26.0	1598.8	75.5	2587.0	2.36	80.84
26.0-27.0	1411.2	69.1	2656.0	2.16	83.00
27.0-28.0	1241.7	62.9	2718.9	1.96	84.96
28.0-29.0	1091.1	57.1	2776.0	1.78	86.75
29.0-30.0	955.2	51.6	2827.6	1.61	88.36
30.0-31.0	826.8	46.0	2873.6	1.44	89.80
31.0-32.0	704.4	40.4	2913.9	1.26	91.06
32.0-33.0	596.8	35.2	2949.1	1.10	92.16
33.0-34.0	508.9	30.8	2979.9	0.96	93.12
34.0-35.0	438.2	27.2	3007.1	0.85	93.97
35.0-36.0	378.4	24.1	3031.2	0.75	94.72

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: 3.328 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	325.7	21.2	3052.5	0.66	95.39
37.0-38.0	280.2	18.7	3071.2	0.58	95.97
38.0-39.0	241.8	16.5	3087.7	0.52	96.49
39.0-40.0	210.1	14.7	3102.3	0.46	96.94
40.0-41.0	184.5	13.1	3115.5	0.41	97.35
41.0-42.0	163.0	11.8	3127.3	0.37	97.72
42.0-43.0	143.4	10.6	3137.9	0.33	98.06
43.0-44.0	125.0	9.4	3147.4	0.29	98.35
44.0-45.0	108.1	8.3	3155.7	0.26	98.61
45.0-46.0	93.5	7.3	3163.0	0.23	98.84
46.0-47.0	79.8	6.3	3169.3	0.20	99.04
47.0-48.0	67.9	5.5	3174.8	0.17	99.21
48.0-49.0	57.7	4.7	3179.6	0.15	99.36
49.0-50.0	48.3	4.0	3183.6	0.13	99.48
50.0-51.0	40.2	3.4	3187.0	0.11	99.59
51.0-52.0	33.3	2.9	3189.9	0.09	99.68
52.0-53.0	28.7	2.5	3192.4	0.08	99.76
53.0-54.0	24.0	2.1	3194.5	0.07	99.82
54.0-55.0	19.3	1.7	3196.2	0.05	99.88
55.0-56.0	15.0	1.4	3197.6	0.04	99.92
56.0-57.0	10.9	1.0	3198.5	0.03	99.95
57.0-58.0	7.8	0.7	3199.3	0.02	99.97
58.0-59.0	5.3	0.5	3199.8	0.02	99.99
59.0-60.0	3.1	0.3	3200.1	0.01	100.00
60.0-61.0	0.9	0.1	3200.1	0.00	100.00
61.0-62.0	0.0	0.0	3200.1	0.00	100.00
62.0-63.0	0.0	0.0	3200.1	0.00	100.00
63.0-64.0	0.0	0.0	3200.1	0.00	100.00
64.0-65.0	0.0	0.0	3200.1	0.00	100.00
65.0-66.0	0.0	0.0	3200.1	0.00	100.00
66.0-67.0	0.0	0.0	3200.1	0.00	100.00
67.0-68.0	0.0	0.0	3200.1	0.00	100.00
68.0-69.0	0.0	0.0	3200.1	0.00	100.00
69.0-70.0	0.0	0.0	3200.1	0.00	100.00
70.0-71.0	0.0	0.0	3200.1	0.00	100.00
71.0-72.0	0.0	0.0	3200.1	0.00	100.00

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

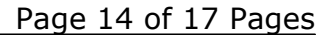
Gamma Plane (°):0.0-90.0:1.0

Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:



Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.328 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	8548.2	8548.2								
G1.0	8656.7	8419.8								
G2.0	8715.3	8262.8								
G3.0	8730.2	8089.5								
G4.0	8726.5	7891.3								
G5.0	8695.3	7661.9								
G6.0	8634.3	7392.6								
G7.0	8505.8	7064.7								
G8.0	8350.0	6683.3								
G9.0	8170.5	6234.5								
G10.0	7966.0	5725.8								
G11.0	7721.7	5194.8								
G12.0	7441.2	4669.9								
G13.0	7104.6	4187.5								
G14.0	6697.0	3779.8								
G15.0	6203.3	3449.5								
G16.0	5643.5	3169.0								
G17.0	5055.1	2908.4								
G18.0	4500.4	2651.6								
G19.0	4005.5	2394.8								
G20.0	3589.1	2148.0								
G21.0	3247.5	1924.8								
G22.0	2959.5	1719.1								
G23.0	2702.7	1525.9								
G24.0	2469.6	1338.9								
G25.0	2235.2	1156.9								
G26.0	2015.8	987.3								
G27.0	1806.4	835.3								
G28.0	1611.9	713.1								
G29.0	1429.9	609.6								
G30.0	1256.6	524.8								
G31.0	1078.3	447.5								
G32.0	910.0	381.5								
G33.0	769.2	326.6								
G34.0	659.5	280.5								
G35.0	563.5	249.3								
G36.0	480.0	220.7								

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: 3.328 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C180.0								
G37.0	406.4	195.7								
G38.0	345.3	173.3								
G39.0	296.7	152.1								
G40.0	256.8	134.6								
G41.0	226.9	119.7								
G42.0	202.0	103.5								
G43.0	178.3	89.8								
G44.0	157.1	74.8								
G45.0	137.1	63.6								
G46.0	119.7	53.6								
G47.0	103.5	42.4								
G48.0	88.5	37.4								
G49.0	73.6	31.2								
G50.0	59.8	28.7								
G51.0	49.9	22.4								
G52.0	42.4	18.7								
G53.0	39.9	13.7								
G54.0	32.4	10.0								
G55.0	28.7	6.2								
G56.0	22.4	2.5								
G57.0	18.7	0.0								
G58.0	12.5	0.0								
G59.0	8.7	0.0								
G60.0	3.7	0.0								
G61.0	0.0	0.0								
G62.0	0.0	0.0								
G63.0	0.0	0.0								
G64.0	0.0	0.0								
G65.0	0.0	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								

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

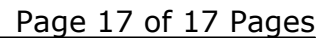
Gamma Plane (°):0.0-90.0:1.0

Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:



Unit: cd

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.328 m
Humidity:
Inspector: