

Test Time: 2026-09-28 17:32

Luminaire Category:

Lamp Description: BLX 3030 3000K

Width (mm): -97

Current: 0.045 A

Power Factor: 0.946

CIE Class: Direct

Total Rated Lamp Lumens: 660.0 lm

Efficiency: 100%

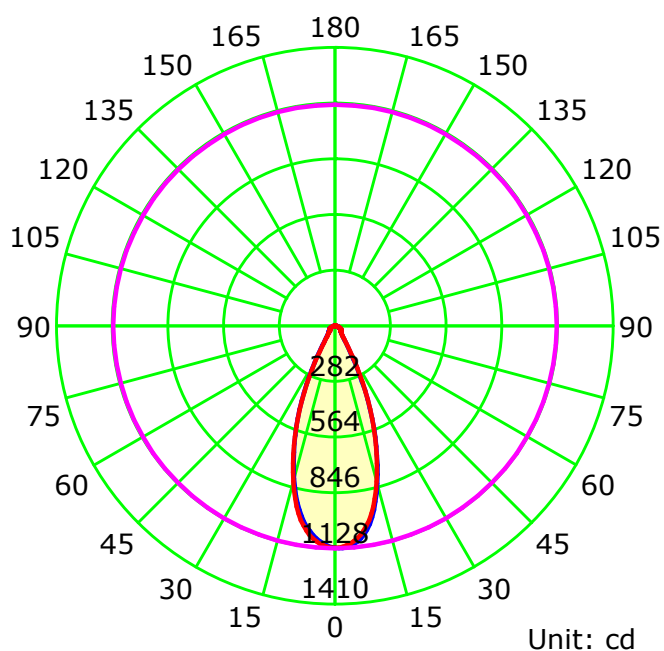
Upward Ratio: 0%

Central Intensity: 1124.7 cd

Pos of Max. Intensity: H0 V1

Max. Intensity: 1126.5 cd

Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G1

Gamma Plane (°):0.0-90.0:1.0

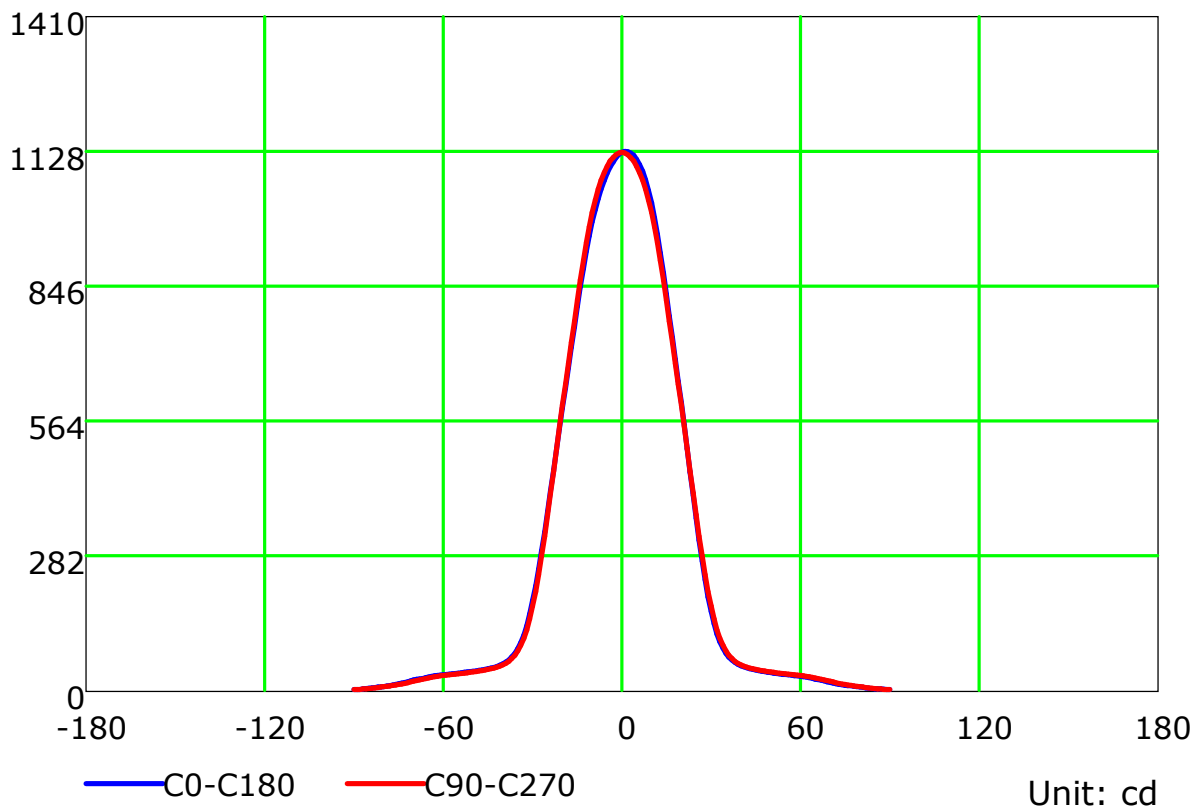
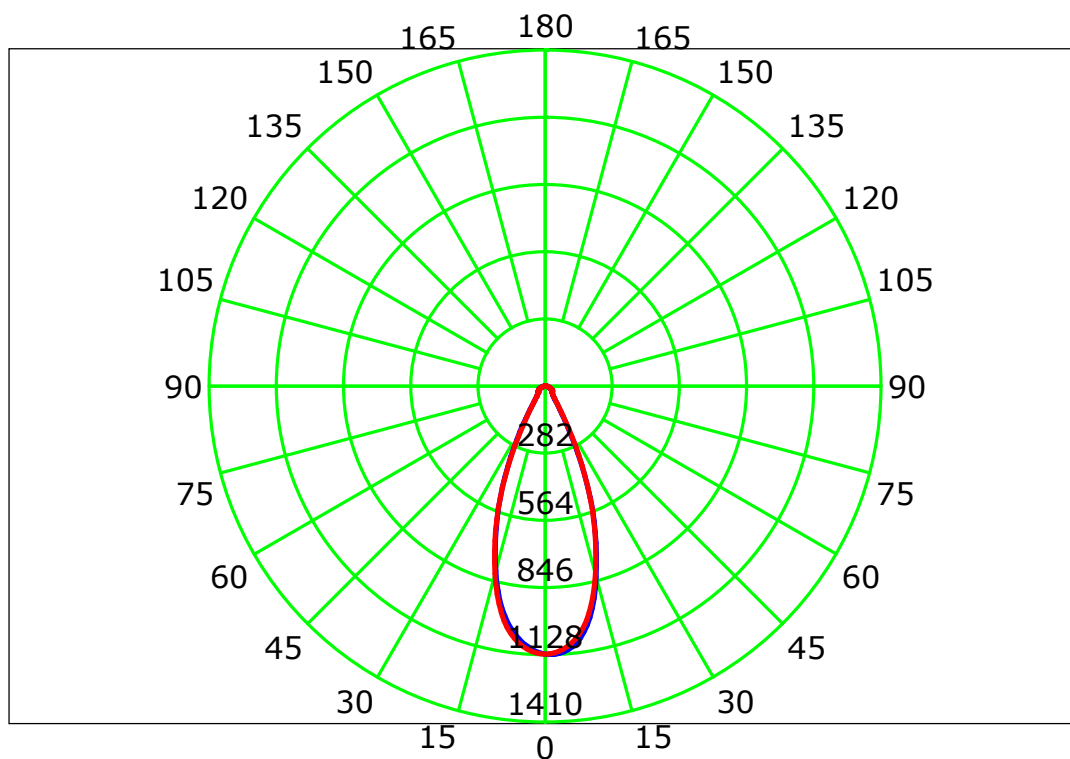
Test Device: CHL-6E

Distance: 3.010 m

Humidity:

Inspector:

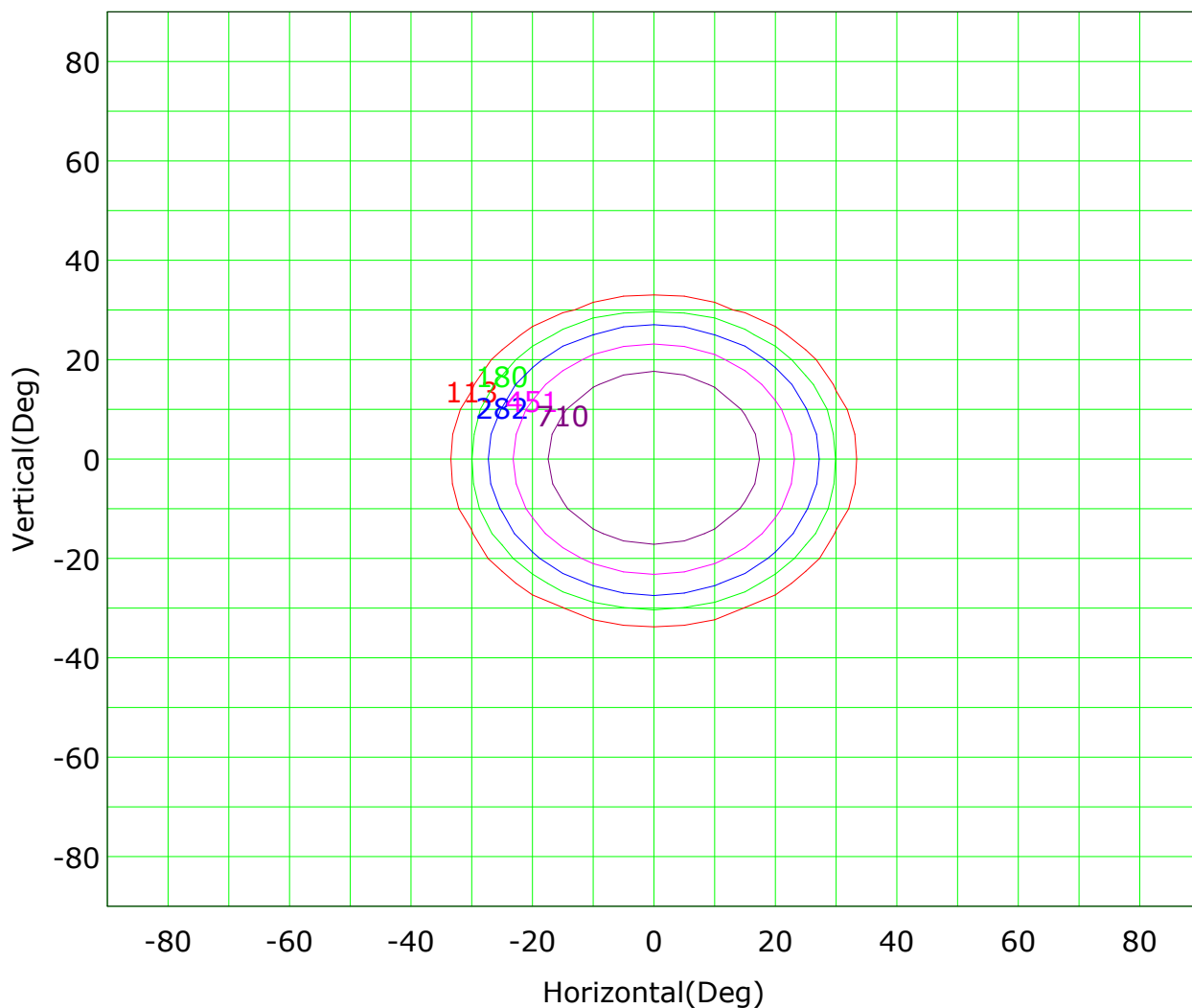
Luminous Intensity Distribution Curve



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%): 1127 cd

(10%): 113 cd	(16%): 180 cd
(25%): 282 cd	(40%): 451 cd
(63%): 710 cd	(100%): 1127 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

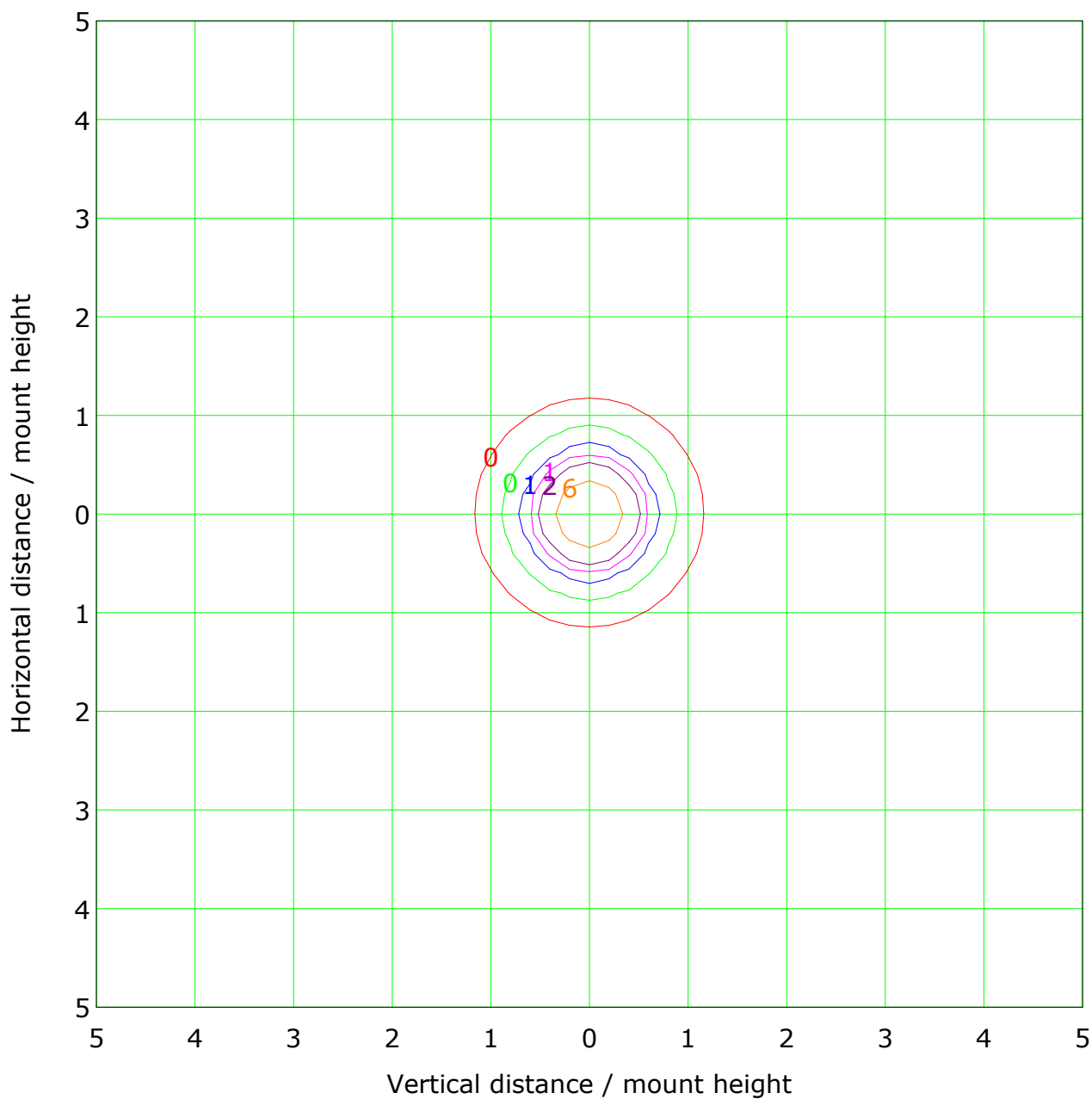
Test Device: CHL-6E

Distance: 3.010 m

Humidity:

Inspector:

IsoLux Plot

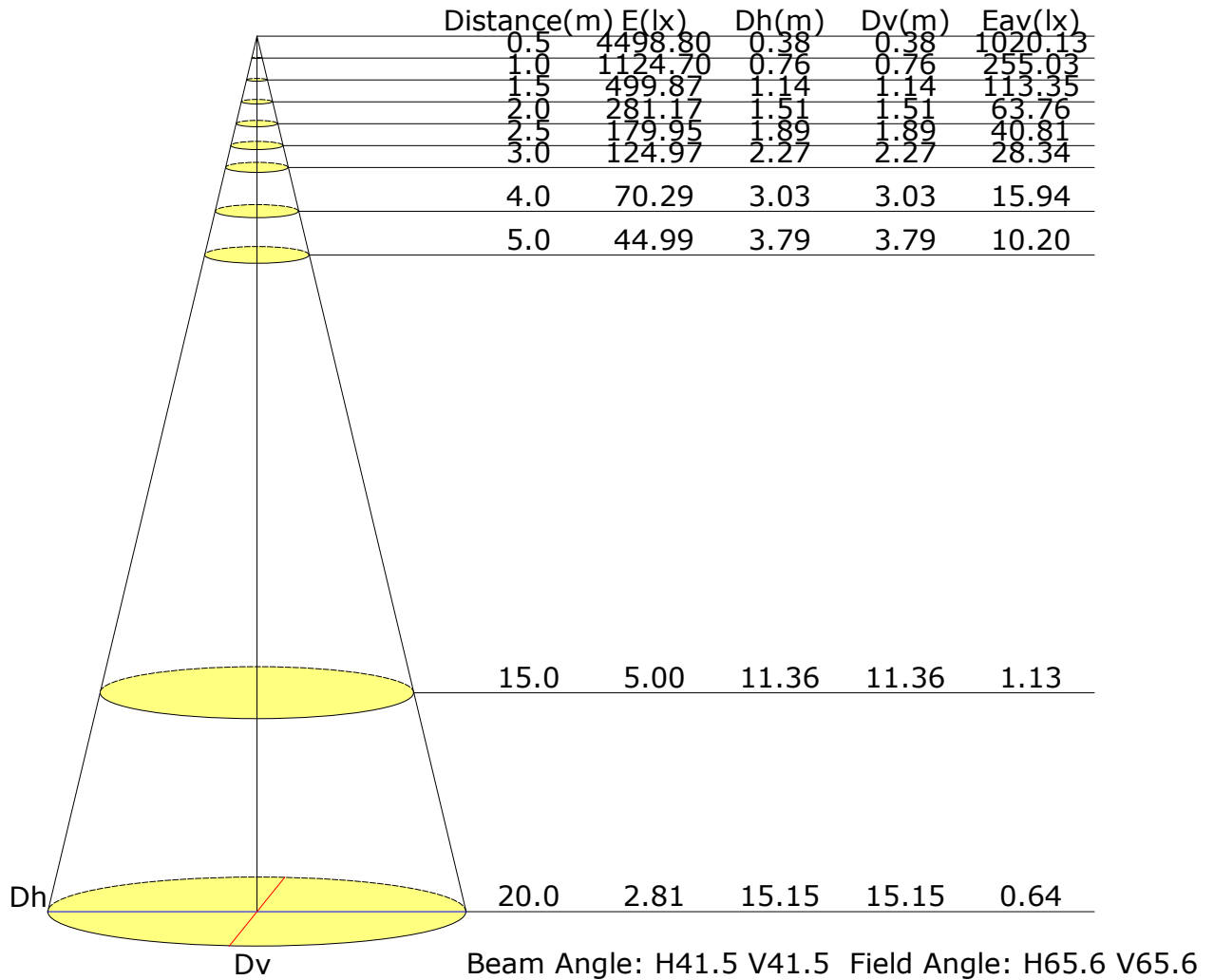


Mounting Height: 10m		Max Lux(100%): 11 lx	
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	1 lx
— (20%):	2 lx	— (50%):	6 lx
— (100%):	11 lx		

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



C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

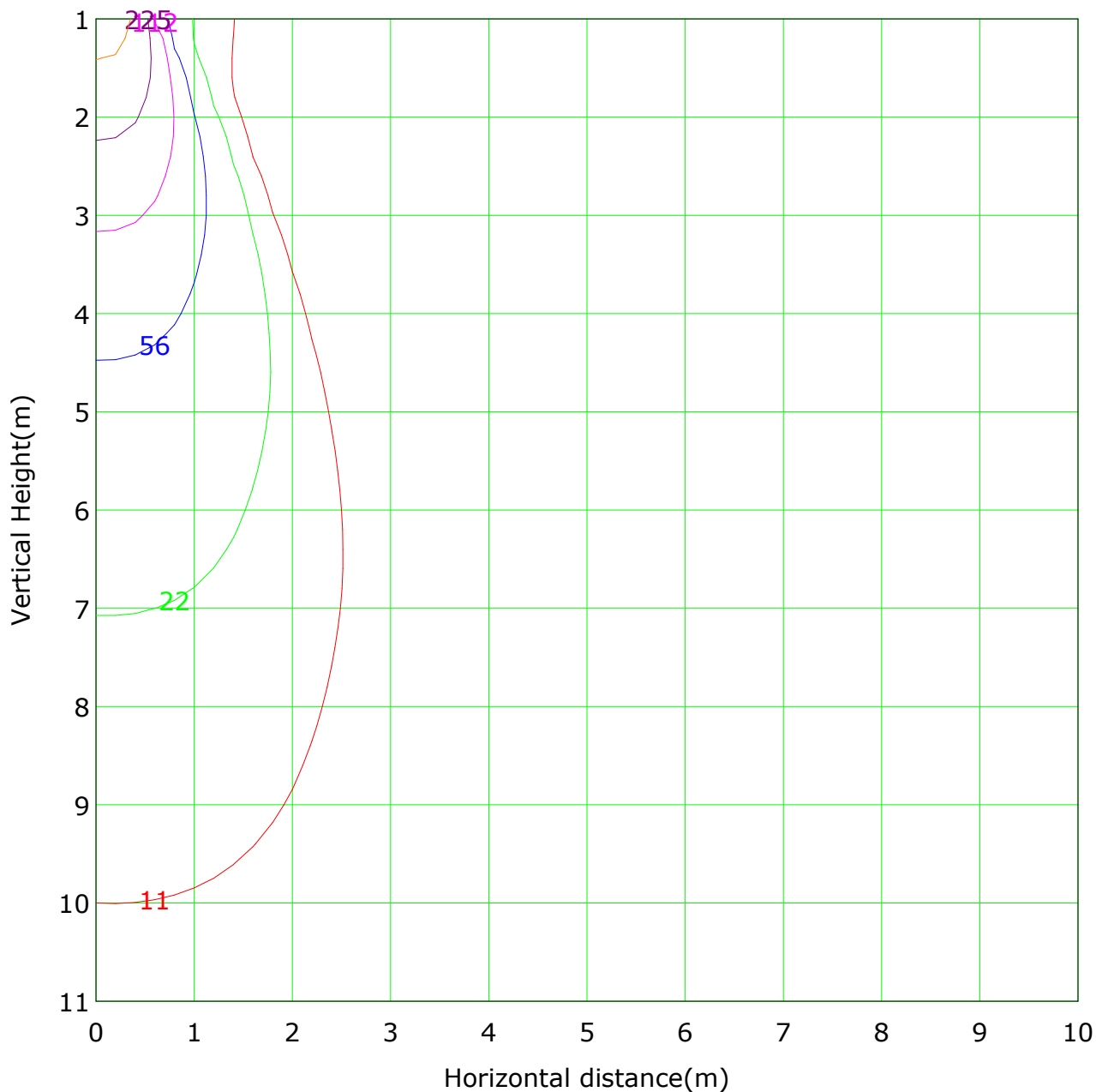
Test Device: CHL-6E

Distance: 3.010 m

Humidity:

Inspector:

Vertical IsoLux Plot



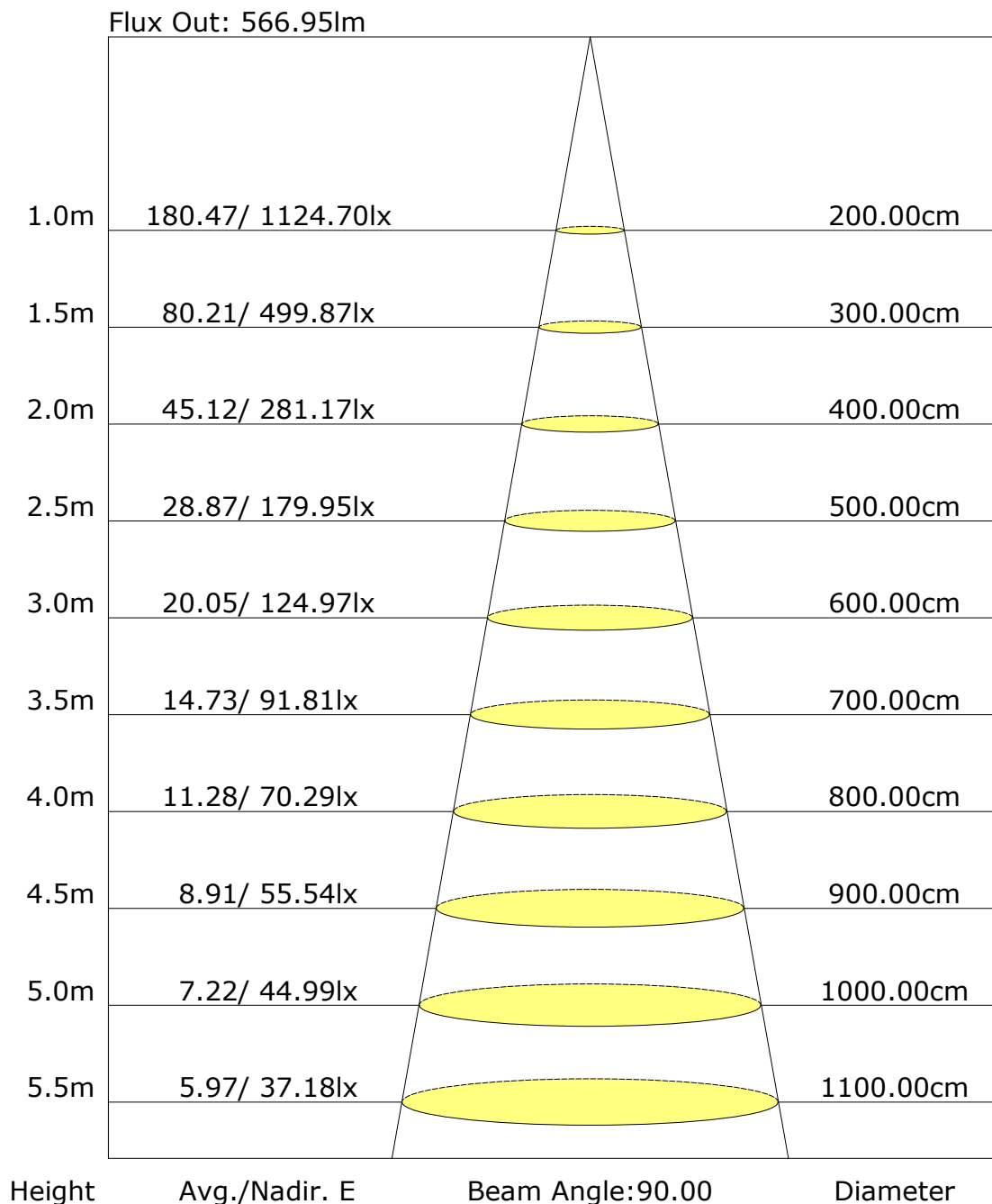
Lowest(m): 1m Highest(m): 11 Max Lux: 1125

(1%): 11 lx	(2%): 22 lx
(5%): 56 lx	(10%): 112 lx
(20%): 225 lx	(50%): 562 lx
(100%): 1125 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:

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
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	17.6	17.7	18.0	18.1	18.4	17.8	18.0	18.2	18.3	18.6
3H	19.3	19.3	19.7	19.6	20.0	19.8	19.7	20.2	20.1	20.5
4H	19.9	19.7	20.3	20.1	20.5	20.4	20.2	20.8	20.6	21.0
6H	20.3	20.1	20.8	20.5	20.9	20.8	20.6	21.3	21.0	21.4
8H	20.5	20.2	21.0	20.6	21.0	21.0	20.7	21.5	21.1	21.5
12H	20.6	20.2	21.0	20.6	21.1	21.1	20.8	21.5	21.1	21.6
x = 4H y = 2H	18.3	18.1	18.7	18.5	18.9	18.6	18.4	19.0	18.8	19.2
3H	20.2	19.8	20.7	20.3	20.7	20.7	20.3	21.1	20.7	21.1
4H	20.9	20.4	21.4	20.8	21.3	21.4	20.9	21.9	21.3	21.8
6H	21.5	20.8	22.1	21.3	21.8	22.0	21.3	22.6	21.8	22.3
8H	21.7	21.0	22.3	21.4	22.0	22.2	21.5	22.8	21.9	22.5
12H	21.9	21.0	22.4	21.6	22.1	22.4	21.6	23.0	22.1	22.6
x = 8H y = 4H	21.2	20.4	21.8	20.9	21.4	21.7	20.9	22.2	21.4	21.9
6H	22.1	21.1	22.7	21.6	22.1	22.6	21.5	23.1	22.1	22.6
8H	22.4	21.3	23.1	21.9	22.5	22.9	21.8	23.6	22.4	22.9
12H	22.8	21.6	23.4	22.1	22.8	23.3	22.1	23.9	22.6	23.3
x = 12H y = 4H	21.2	20.4	21.8	20.9	21.4	21.7	20.8	22.2	21.4	21.9
6H	22.1	21.1	22.8	21.6	22.2	22.6	21.5	23.2	22.0	22.6
8H	22.6	21.4	23.3	22.0	22.6	23.1	21.9	23.8	22.4	23.1

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1124.1	1.1	1.1	0.16	0.16
1.0-2.0	1121.8	3.2	4.3	0.49	0.65
2.0-3.0	1117.2	5.3	9.6	0.81	1.46
3.0-4.0	1110.4	7.4	17.1	1.13	2.59
4.0-5.0	1101.1	9.5	26.5	1.44	4.02
5.0-6.0	1089.2	11.4	38.0	1.73	5.76
6.0-7.0	1074.7	13.3	51.3	2.02	7.78
7.0-8.0	1057.2	15.1	66.5	2.29	10.07
8.0-9.0	1036.5	16.8	83.3	2.55	12.62
9.0-10.0	1012.2	18.3	101.6	2.78	15.39
10.0-11.0	984.1	19.7	121.3	2.98	18.37
11.0-12.0	952.5	20.8	142.1	3.16	21.53
12.0-13.0	917.2	21.8	163.8	3.30	24.83
13.0-14.0	878.3	22.5	186.3	3.41	28.23
14.0-15.0	837.0	23.0	209.3	3.48	31.72
15.0-16.0	793.8	23.3	232.6	3.52	35.24
16.0-17.0	749.6	23.3	255.9	3.54	38.78
17.0-18.0	705.3	23.3	279.2	3.52	42.30
18.0-19.0	661.4	23.0	302.2	3.49	45.79
19.0-20.0	617.8	22.6	324.8	3.43	49.22
20.0-21.0	573.8	22.0	346.8	3.34	52.56
21.0-22.0	528.4	21.2	368.1	3.22	55.77
22.0-23.0	482.0	20.2	388.3	3.06	58.84
23.0-24.0	435.7	19.1	407.4	2.89	61.73
24.0-25.0	390.0	17.7	425.1	2.69	64.41
25.0-26.0	345.0	16.3	441.4	2.47	66.88
26.0-27.0	302.0	14.8	456.2	2.24	69.12
27.0-28.0	261.9	13.3	469.4	2.01	71.13
28.0-29.0	224.9	11.8	481.2	1.78	72.91
29.0-30.0	192.1	10.4	491.6	1.57	74.48
30.0-31.0	163.4	9.1	500.7	1.38	75.86
31.0-32.0	138.5	7.9	508.6	1.20	77.06
32.0-33.0	118.1	7.0	515.6	1.05	78.12
33.0-34.0	101.9	6.2	521.7	0.93	79.05
34.0-35.0	88.8	5.5	527.2	0.84	79.89
35.0-36.0	78.4	5.0	532.2	0.76	80.65

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	70.5	4.6	536.8	0.70	81.34
37.0-38.0	64.3	4.3	541.1	0.65	81.99
38.0-39.0	59.3	4.1	545.2	0.61	82.61
39.0-40.0	55.6	3.9	549.0	0.59	83.20
40.0-41.0	52.6	3.7	552.8	0.57	83.76
41.0-42.0	50.1	3.6	556.4	0.55	84.31
42.0-43.0	48.1	3.6	560.0	0.54	84.85
43.0-44.0	46.4	3.5	563.5	0.53	85.38
44.0-45.0	45.0	3.5	567.0	0.52	85.91
45.0-46.0	43.7	3.4	570.4	0.52	86.43
46.0-47.0	42.5	3.4	573.7	0.51	86.94
47.0-48.0	41.5	3.4	577.1	0.51	87.45
48.0-49.0	40.5	3.3	580.4	0.50	87.95
49.0-50.0	39.5	3.3	583.7	0.50	88.45
50.0-51.0	38.6	3.3	587.0	0.49	88.94
51.0-52.0	37.8	3.2	590.2	0.49	89.44
52.0-53.0	37.0	3.2	593.4	0.49	89.92
53.0-54.0	36.1	3.2	596.6	0.48	90.40
54.0-55.0	35.4	3.2	599.8	0.48	90.88
55.0-56.0	34.8	3.1	602.9	0.48	91.36
56.0-57.0	34.1	3.1	606.0	0.47	91.83
57.0-58.0	33.3	3.1	609.1	0.47	92.30
58.0-59.0	32.5	3.0	612.2	0.46	92.76
59.0-60.0	31.8	3.0	615.2	0.46	93.22
60.0-61.0	31.2	3.0	618.2	0.45	93.67
61.0-62.0	30.4	2.9	621.1	0.44	94.11
62.0-63.0	29.5	2.9	624.0	0.43	94.55
63.0-64.0	28.3	2.8	626.7	0.42	94.97
64.0-65.0	26.8	2.7	629.4	0.40	95.37
65.0-66.0	25.5	2.5	631.9	0.39	95.75
66.0-67.0	24.1	2.4	634.4	0.37	96.12
67.0-68.0	22.8	2.3	636.7	0.35	96.47
68.0-69.0	21.7	2.2	638.9	0.34	96.81
69.0-70.0	20.5	2.1	641.0	0.32	97.13
70.0-71.0	19.0	2.0	643.0	0.30	97.42
71.0-72.0	17.3	1.8	644.8	0.27	97.70

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:

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	1124.7	1124.7								
G1.0	1126.5	1120.5								
G2.0	1126.1	1114.2								
G3.0	1123.5	1105.0								
G4.0	1118.5	1094.4								
G5.0	1110.3	1081.2								
G6.0	1099.5	1066.0								
G7.0	1085.4	1048.0								
G8.0	1067.3	1028.2								
G9.0	1045.3	1005.0								
G10.0	1019.0	979.4								
G11.0	987.9	950.1								
G12.0	953.5	918.3								
G13.0	914.8	882.2								
G14.0	872.3	843.9								
G15.0	828.6	803.1								
G16.0	783.3	760.2								
G17.0	737.3	717.5								
G18.0	692.0	674.4								
G19.0	646.8	632.4								
G20.0	601.8	590.3								
G21.0	554.8	548.3								
G22.0	505.5	504.9								
G23.0	456.0	461.5								
G24.0	407.6	417.7								
G25.0	360.5	374.1								
G26.0	313.8	331.7								
G27.0	270.7	291.7								
G28.0	231.5	253.6								
G29.0	195.6	218.9								
G30.0	165.3	188.6								
G31.0	139.9	159.9								
G32.0	118.3	135.7								
G33.0	102.1	116.4								
G34.0	88.9	100.1								
G35.0	78.2	87.8								
G36.0	70.0	77.8								

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	64.1	70.3								
G38.0	59.0	63.7								
G39.0	55.1	59.6								
G40.0	52.1	55.7								
G41.0	49.5	52.8								
G42.0	47.6	50.6								
G43.0	45.6	48.5								
G44.0	44.3	47.0								
G45.0	43.1	45.5								
G46.0	41.7	44.3								
G47.0	40.7	43.2								
G48.0	39.6	42.3								
G49.0	38.6	41.4								
G50.0	37.5	40.5								
G51.0	36.6	39.6								
G52.0	36.0	38.9								
G53.0	34.8	38.1								
G54.0	34.1	37.2								
G55.0	33.5	36.6								
G56.0	33.0	36.0								
G57.0	32.3	35.1								
G58.0	31.4	34.4								
G59.0	30.8	33.6								
G60.0	30.0	32.9								
G61.0	29.3	32.4								
G62.0	28.2	31.8								
G63.0	27.0	30.9								
G64.0	25.5	29.6								
G65.0	24.0	28.2								
G66.0	22.8	26.9								
G67.0	21.6	25.2								
G68.0	20.1	24.3								
G69.0	18.6	23.9								
G70.0	17.3	22.4								
G71.0	15.9	20.4								
G72.0	14.4	18.6								
G73.0	13.2	16.8								

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:

Unit: cd

[illegible]

Inspector: