

Report No.:91.08013 Cla Surface Mounted Test Time: 2024-10-07 20:46

Light

Luminaire Property

Luminaire Category:

Voltage: 235.2 V

Power: 9.50 W

Current: 0.070 A

Power Factor: 0.578

Photometric Results

CIE Class: Direct

Measurement Flux: 1063.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H55.2

Vertical Diffuse Angle(50%): V55.2

Luminaire Efficacy Rating (LER): 112

Max. Intensity: 1275.86 cd

Total Rated Lamp Lumens: 1063.5 lm

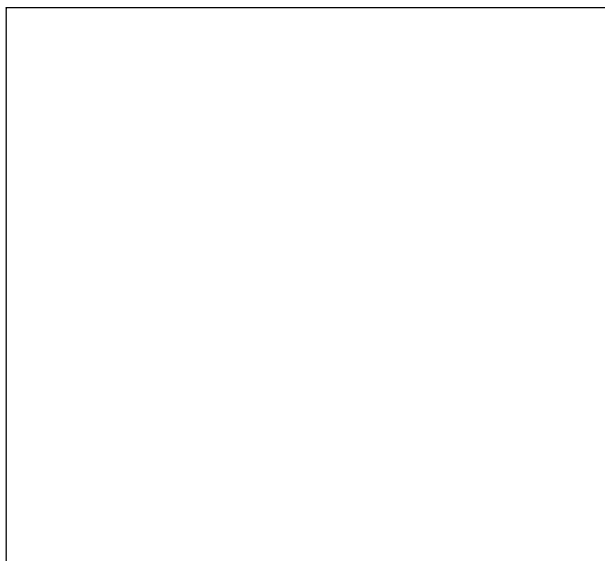
Efficiency: 100%

Upward Ratio: 0%

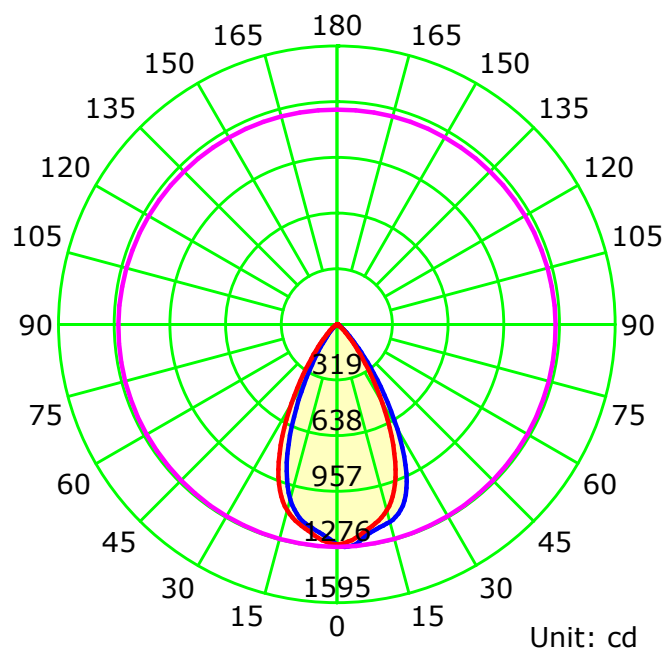
Central Intensity: 1259.72 cd

Pos of Max. Intensity: H0 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G2

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

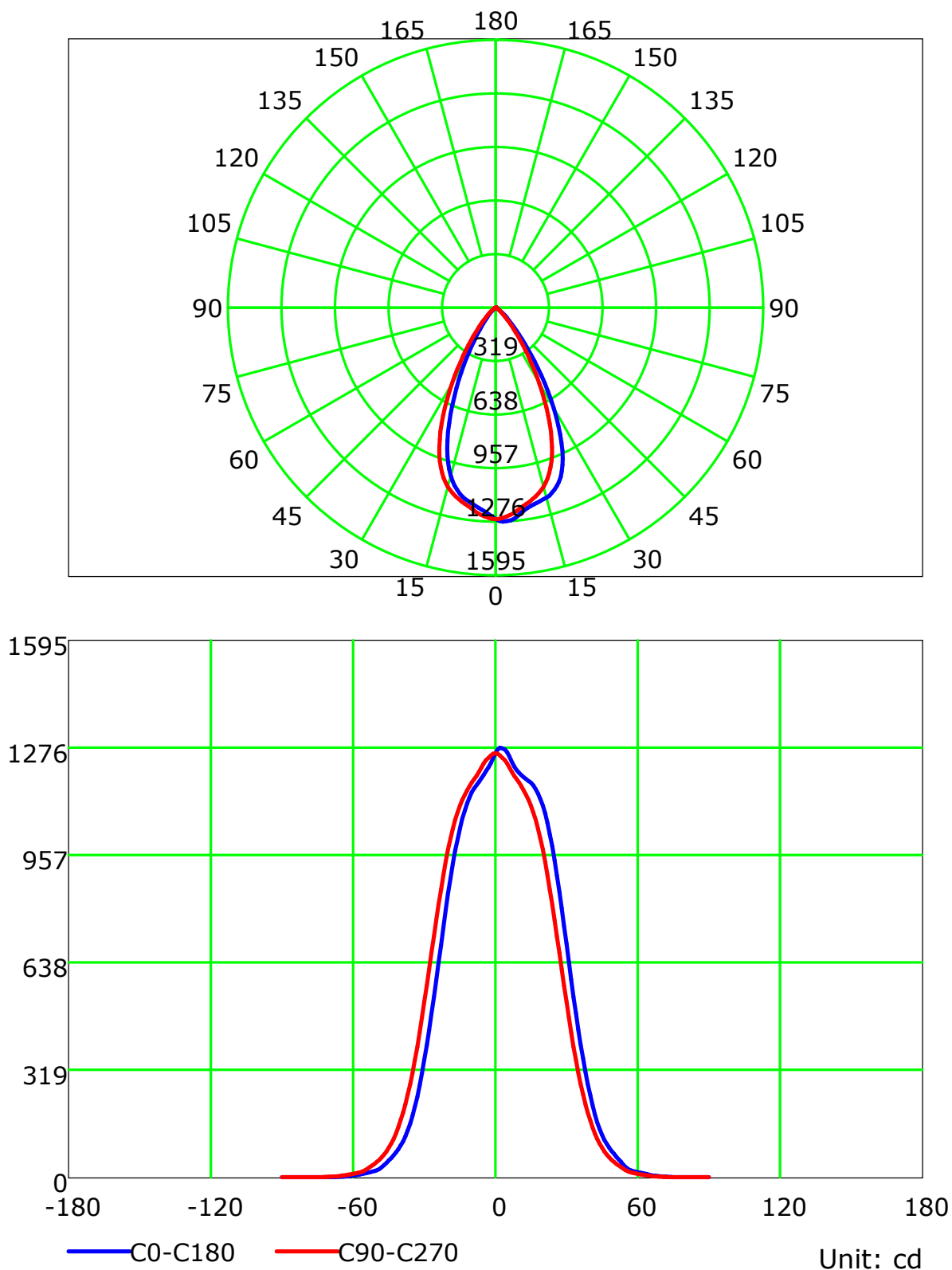
Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:

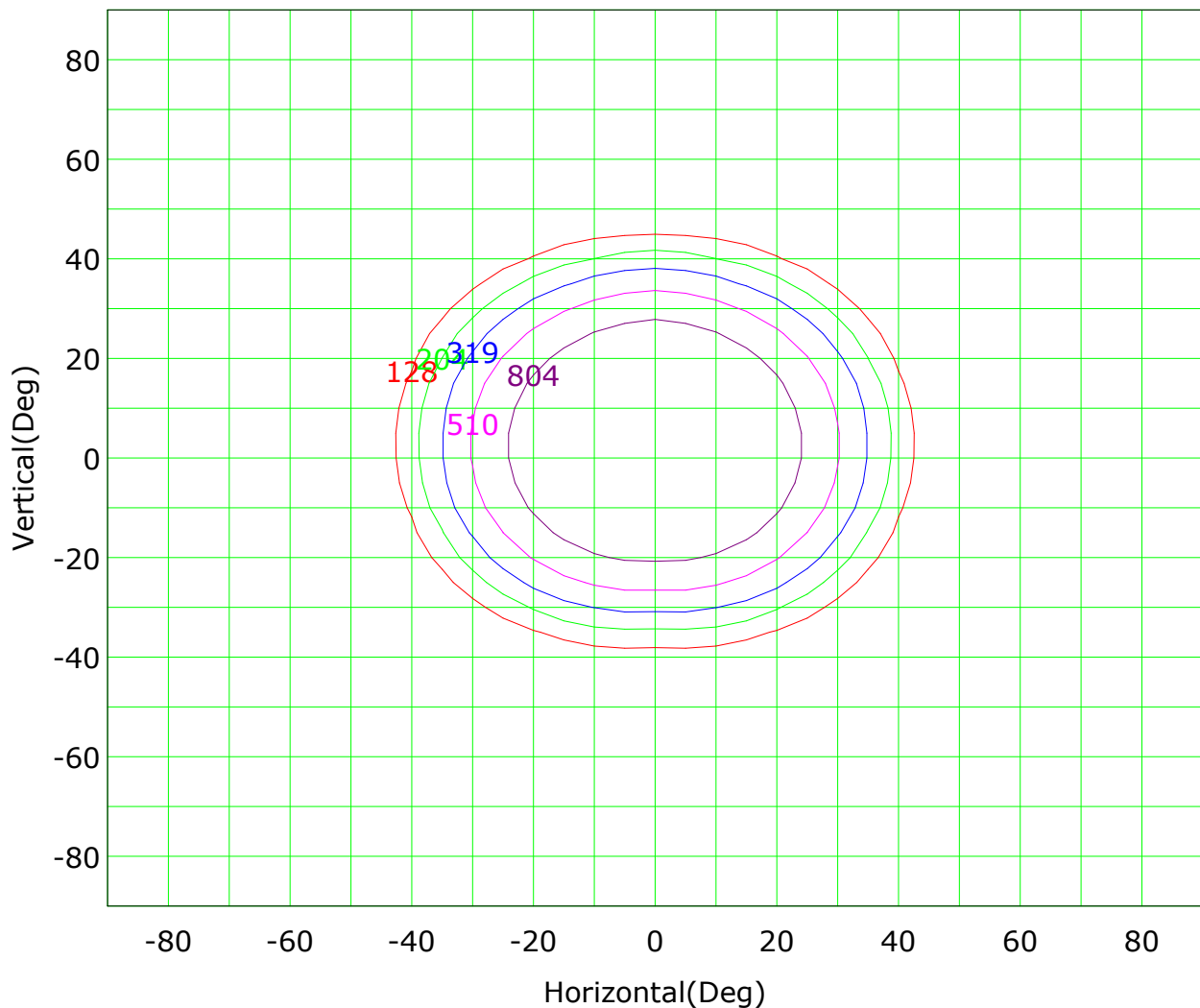
Luminous Intensity Distribution Curve



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)



I_{max} (100%): 1276 cd

(10%): 128 cd	(16%): 204 cd
(25%): 319 cd	(40%): 510 cd
(63%): 804 cd	(100%): 1276 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

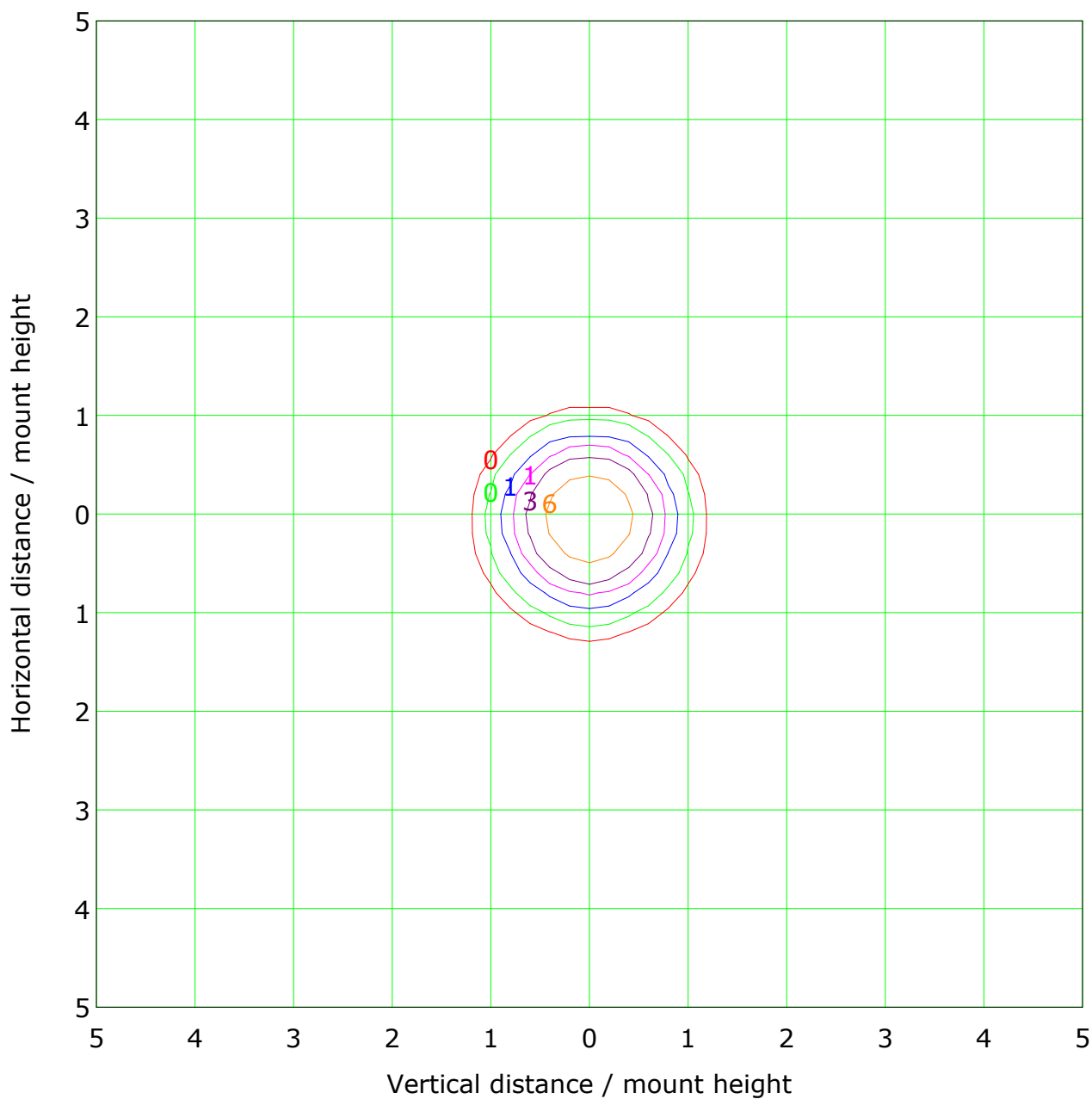
Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:

IsoLux Plot

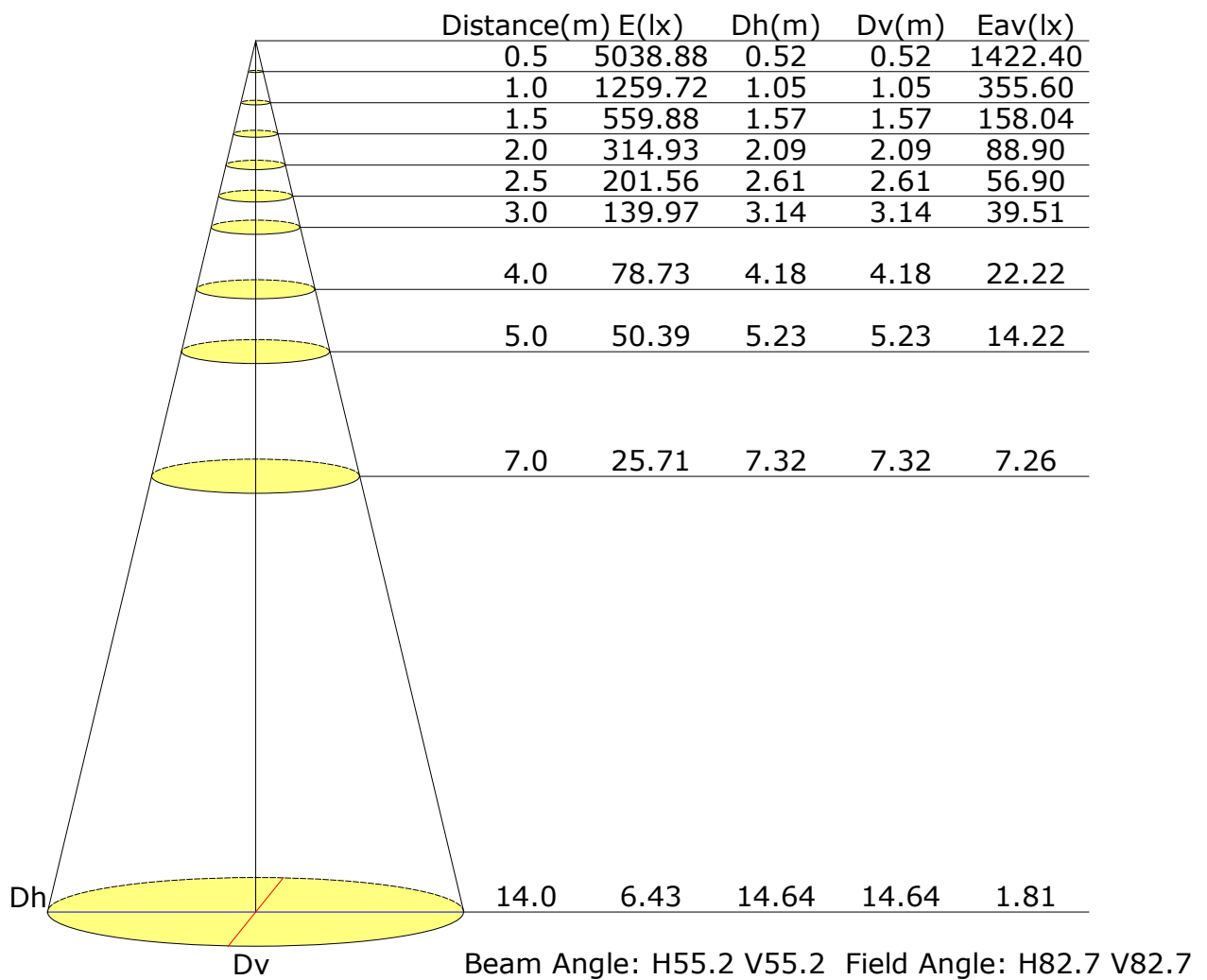


Mounting Height: 10m Max Lux(100%): 13 lx

(1%):	0 lx	(2%):	0 lx
(5%):	1 lx	(10%):	1 lx
(20%):	3 lx	(50%):	6 lx
(100%):	13 lx		

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

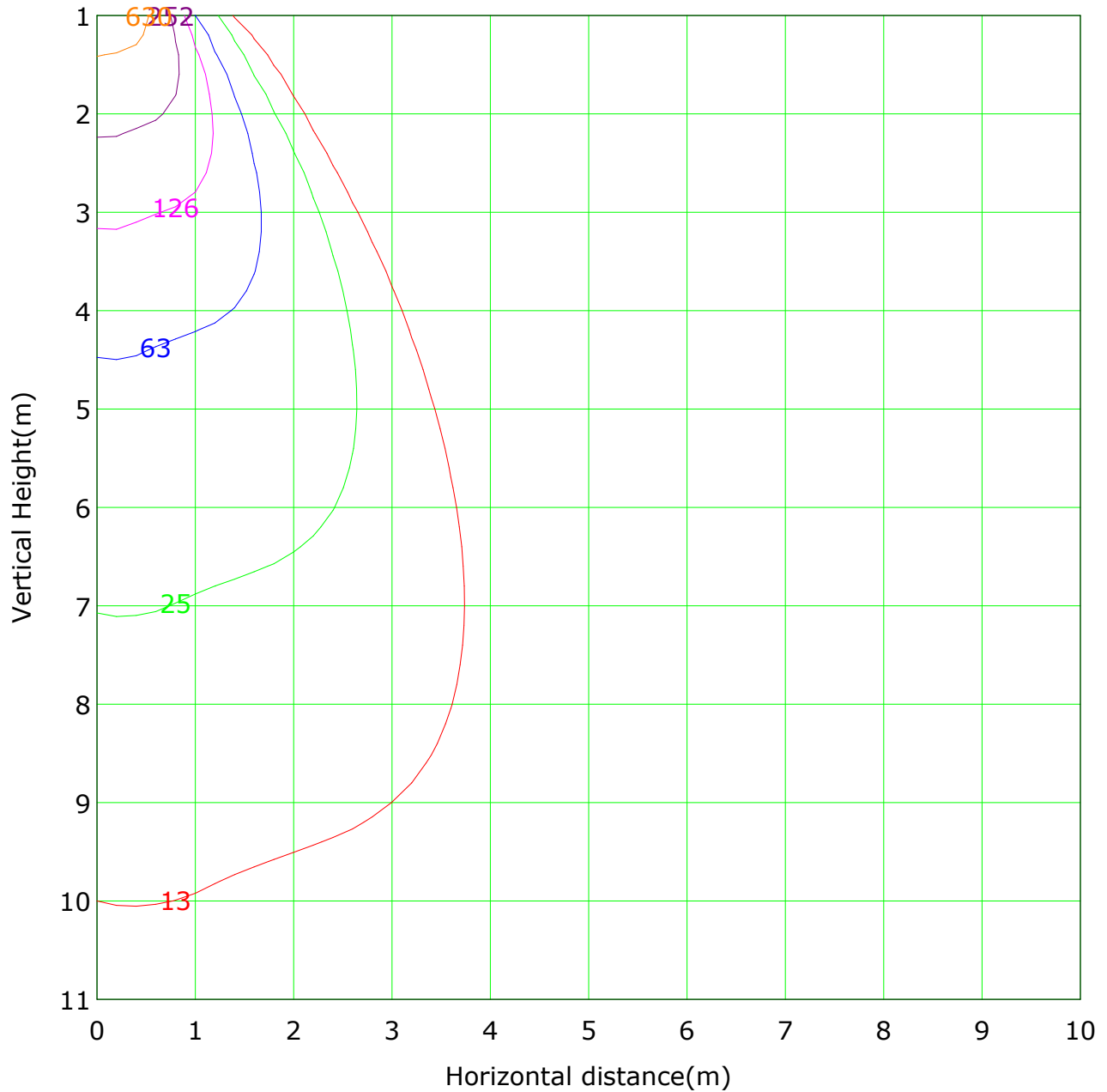
Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:

Vertical IsoLux Plot

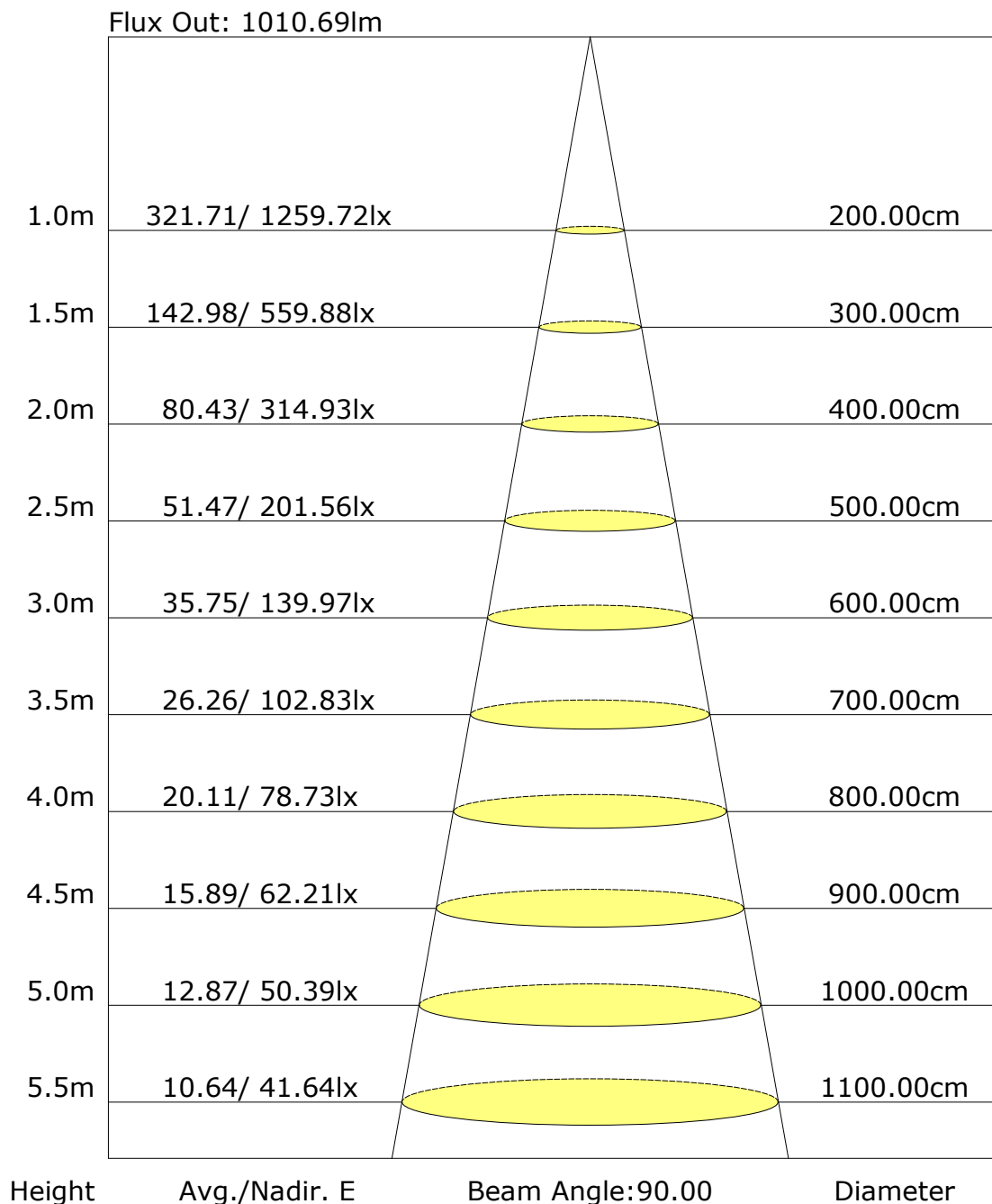


Lowest(m): 1m Highest(m): 11 Max Lux: 1260	
(1%): 13 lx	(2%): 25 lx
(5%): 63 lx	(10%): 126 lx
(20%): 252 lx	(50%): 630 lx
(100%): 1260 lx	

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:

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: 3.328 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	1259.0	1.2	1.2	0.11	0.11
1.0-2.0	1255.6	3.6	4.8	0.34	0.45
2.0-3.0	1249.4	6.0	10.8	0.56	1.01
3.0-4.0	1242.3	8.3	19.1	0.78	1.80
4.0-5.0	1233.9	10.6	29.7	1.00	2.79
5.0-6.0	1223.3	12.9	42.6	1.21	4.00
6.0-7.0	1210.7	15.0	57.6	1.41	5.42
7.0-8.0	1198.1	17.1	74.8	1.61	7.03
8.0-9.0	1187.6	19.2	94.0	1.81	8.84
9.0-10.0	1177.6	21.3	115.3	2.00	10.84
10.0-11.0	1166.8	23.3	138.6	2.19	13.04
11.0-12.0	1155.3	25.3	163.9	2.38	15.41
12.0-13.0	1142.6	27.1	191.0	2.55	17.96
13.0-14.0	1128.7	28.9	219.9	2.72	20.68
14.0-15.0	1113.0	30.6	250.5	2.87	23.55
15.0-16.0	1094.6	32.1	282.5	3.02	26.57
16.0-17.0	1073.1	33.4	316.0	3.14	29.71
17.0-18.0	1048.6	34.6	350.5	3.25	32.96
18.0-19.0	1020.9	35.5	386.1	3.34	36.30
19.0-20.0	990.0	36.2	422.3	3.41	39.71
20.0-21.0	955.5	36.7	459.0	3.45	43.16
21.0-22.0	917.4	36.9	495.9	3.47	46.63
22.0-23.0	876.0	36.8	532.6	3.46	50.09
23.0-24.0	832.6	36.4	569.0	3.42	53.51
24.0-25.0	787.1	35.8	604.8	3.37	56.87
25.0-26.0	739.8	34.9	639.8	3.28	60.16
26.0-27.0	691.2	33.8	673.6	3.18	63.34
27.0-28.0	642.3	32.5	706.1	3.06	66.40
28.0-29.0	593.7	31.1	737.2	2.92	69.32
29.0-30.0	545.6	29.5	766.6	2.77	72.09
30.0-31.0	498.4	27.7	794.4	2.61	74.70
31.0-32.0	452.8	25.9	820.3	2.44	77.14
32.0-33.0	409.0	24.1	844.4	2.27	79.40
33.0-34.0	367.8	22.3	866.7	2.09	81.50
34.0-35.0	329.3	20.5	887.1	1.92	83.42
35.0-36.0	293.8	18.7	905.8	1.76	85.18

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	261.5	17.1	922.9	1.60	86.78
37.0-38.0	231.7	15.5	938.4	1.45	88.24
38.0-39.0	204.6	14.0	952.3	1.31	89.55
39.0-40.0	180.4	12.6	964.9	1.18	90.73
40.0-41.0	158.8	11.3	976.2	1.06	91.80
41.0-42.0	139.3	10.1	986.3	0.95	92.75
42.0-43.0	122.2	9.1	995.4	0.85	93.60
43.0-44.0	107.0	8.1	1003.5	0.76	94.36
44.0-45.0	93.9	7.2	1010.7	0.68	95.04
45.0-46.0	82.4	6.4	1017.1	0.61	95.64
46.0-47.0	72.2	5.7	1022.9	0.54	96.18
47.0-48.0	63.4	5.1	1028.0	0.48	96.67
48.0-49.0	55.6	4.6	1032.6	0.43	97.09
49.0-50.0	48.8	4.1	1036.6	0.38	97.48
50.0-51.0	42.9	3.6	1040.3	0.34	97.82
51.0-52.0	37.6	3.2	1043.5	0.30	98.12
52.0-53.0	33.0	2.9	1046.4	0.27	98.39
53.0-54.0	28.0	2.5	1048.8	0.23	98.62
54.0-55.0	23.0	2.1	1050.9	0.19	98.82
55.0-56.0	19.1	1.7	1052.6	0.16	98.98
56.0-57.0	16.2	1.5	1054.1	0.14	99.12
57.0-58.0	14.0	1.3	1055.4	0.12	99.24
58.0-59.0	12.2	1.1	1056.5	0.11	99.35
59.0-60.0	10.7	1.0	1057.5	0.10	99.44
60.0-61.0	9.4	0.9	1058.4	0.08	99.53
61.0-62.0	8.3	0.8	1059.2	0.08	99.60
62.0-63.0	7.3	0.7	1059.9	0.07	99.67
63.0-64.0	6.2	0.6	1060.5	0.06	99.73
64.0-65.0	5.2	0.5	1061.1	0.05	99.77
65.0-66.0	4.0	0.4	1061.5	0.04	99.81
66.0-67.0	3.1	0.3	1061.8	0.03	99.84
67.0-68.0	2.6	0.3	1062.0	0.02	99.87
68.0-69.0	2.2	0.2	1062.3	0.02	99.89
69.0-70.0	1.9	0.2	1062.5	0.02	99.90
70.0-71.0	1.6	0.2	1062.6	0.02	99.92
71.0-72.0	1.3	0.1	1062.7	0.01	99.93

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	1259.7	1259.7								
G1.0	1271.3	1245.2								
G2.0	1275.9	1230.2								
G3.0	1273.6	1218.1								
G4.0	1271.1	1206.5								
G5.0	1262.6	1195.5								
G6.0	1249.7	1185.4								
G7.0	1233.3	1174.3								
G8.0	1219.9	1164.8								
G9.0	1209.9	1155.8								
G10.0	1201.3	1143.4								
G11.0	1194.5	1128.1								
G12.0	1188.1	1110.4								
G13.0	1182.8	1089.3								
G14.0	1176.7	1065.9								
G15.0	1172.8	1036.4								
G16.0	1164.8	1004.5								
G17.0	1152.9	970.3								
G18.0	1139.8	931.2								
G19.0	1124.3	888.4								
G20.0	1104.5	842.7								
G21.0	1081.3	793.5								
G22.0	1052.9	741.9								
G23.0	1019.6	689.8								
G24.0	983.4	637.5								
G25.0	942.3	585.3								
G26.0	896.5	535.0								
G27.0	848.2	485.3								
G28.0	798.6	437.1								
G29.0	747.0	392.2								
G30.0	693.6	349.5								
G31.0	640.7	309.6								
G32.0	587.8	272.9								
G33.0	536.1	239.2								
G34.0	486.5	209.6								
G35.0	438.2	182.7								
G36.0	394.3	159.8								

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: 3.328 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C180.0								
G37.0	352.7	139.0								
G38.0	313.2	121.7								
G39.0	276.9	106.5								
G40.0	244.4	94.0								
G41.0	213.7	83.2								
G42.0	186.7	73.7								
G43.0	163.0	65.2								
G44.0	143.1	56.7								
G45.0	125.9	50.0								
G46.0	111.2	42.6								
G47.0	99.1	35.8								
G48.0	88.4	30.3								
G49.0	78.7	25.0								
G50.0	70.3	21.1								
G51.0	61.3	18.8								
G52.0	53.6	16.8								
G53.0	46.7	14.9								
G54.0	36.9	13.4								
G55.0	29.7	11.9								
G56.0	24.6	10.3								
G57.0	21.1	8.9								
G58.0	18.8	7.2								
G59.0	16.8	6.1								
G60.0	15.0	5.0								
G61.0	13.7	4.0								
G62.0	12.4	3.2								
G63.0	10.9	2.5								
G64.0	9.4	2.0								
G65.0	7.6	1.6								
G66.0	5.7	1.1								
G67.0	4.7	0.9								
G68.0	4.1	0.6								
G69.0	3.5	0.6								
G70.0	2.9	0.6								
G71.0	2.2	0.5								
G72.0	1.9	0.5								
G73.0	1.1	0.4								

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