

Report No.:

Test Time: 2025-05-04 11:18

Luminaire Property

Luminaire Category:

Luminaire Description: NOORLY 45 50D

Current: 0.064 A

Power Factor: 0.566

Voltage: 228.9 V

Power: 8.30 W

Photometric Results

CIE Class: Direct

Measurement Flux: 616.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H43.1

Vertical Diffuse Angle(50%): V43.1

Luminaire Efficacy Rating (LER): 74

Max. Intensity: 1059.58 cd

Total Rated Lamp Lumens: 616.5 lm

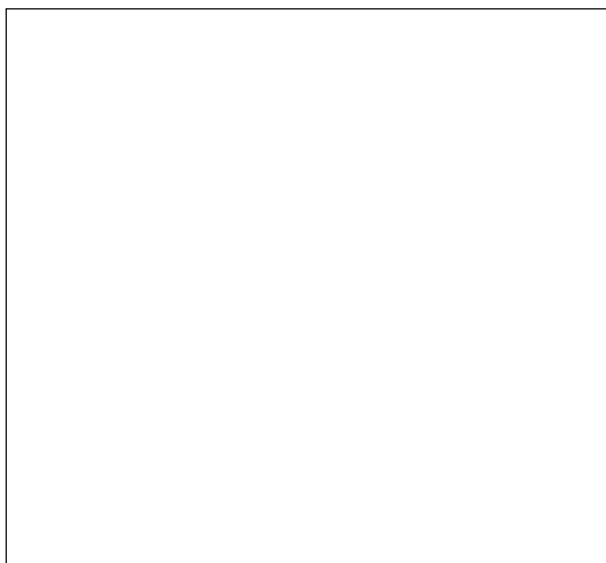
Efficiency: 100%

Upward Ratio: 0%

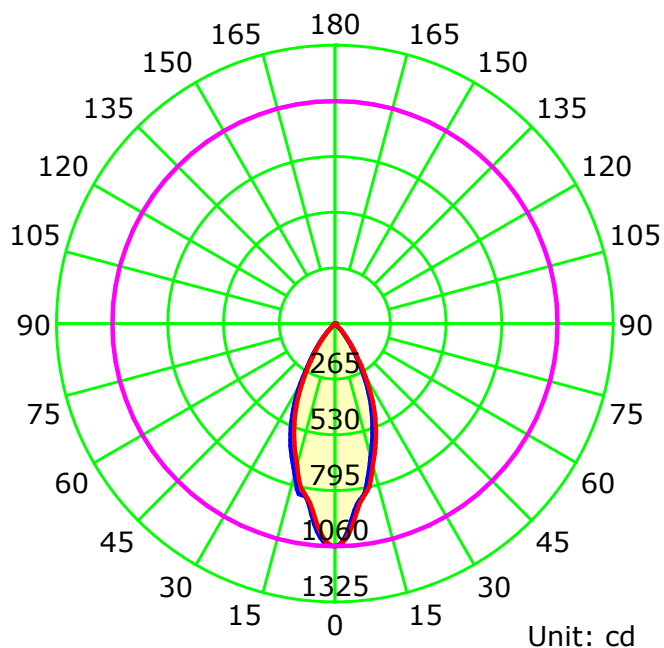
Central Intensity: 1059.58 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — 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

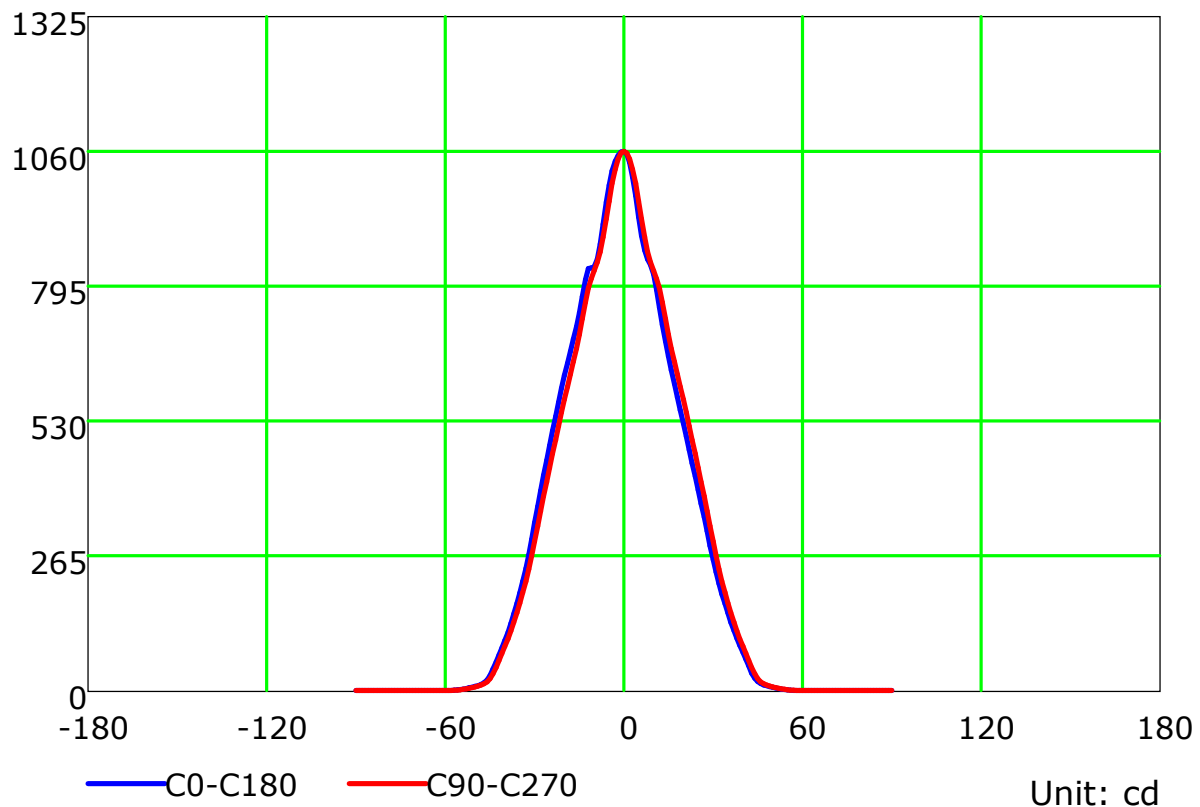
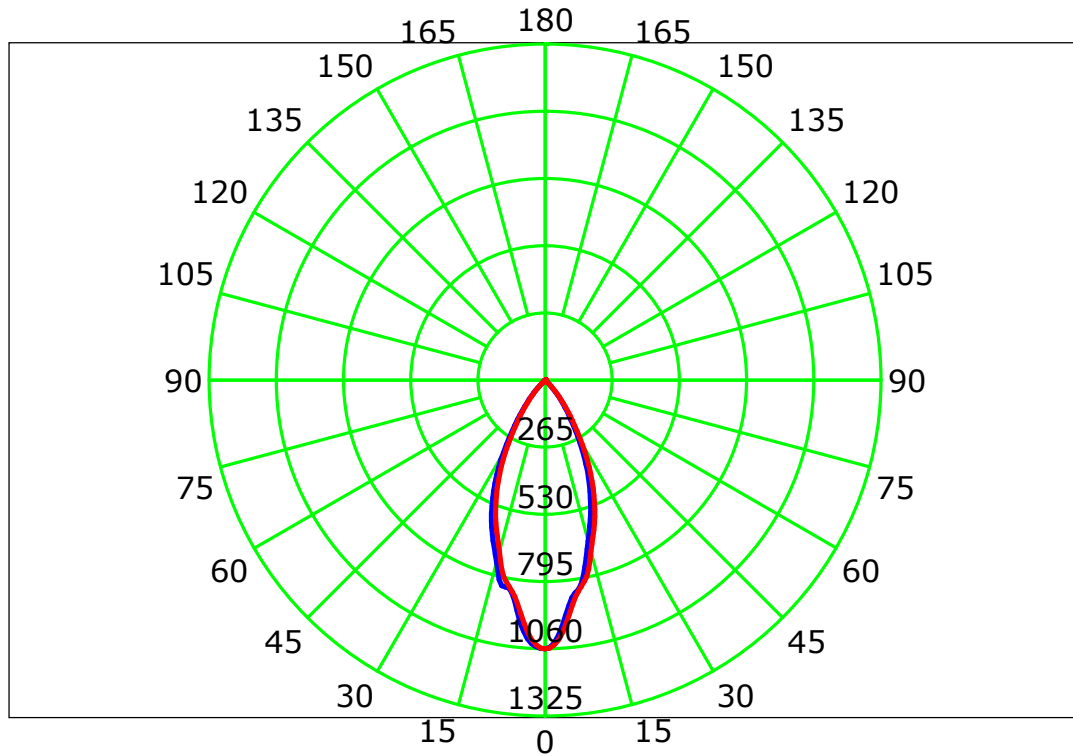
Test Device: CHL-6E

Distance: 3.655 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

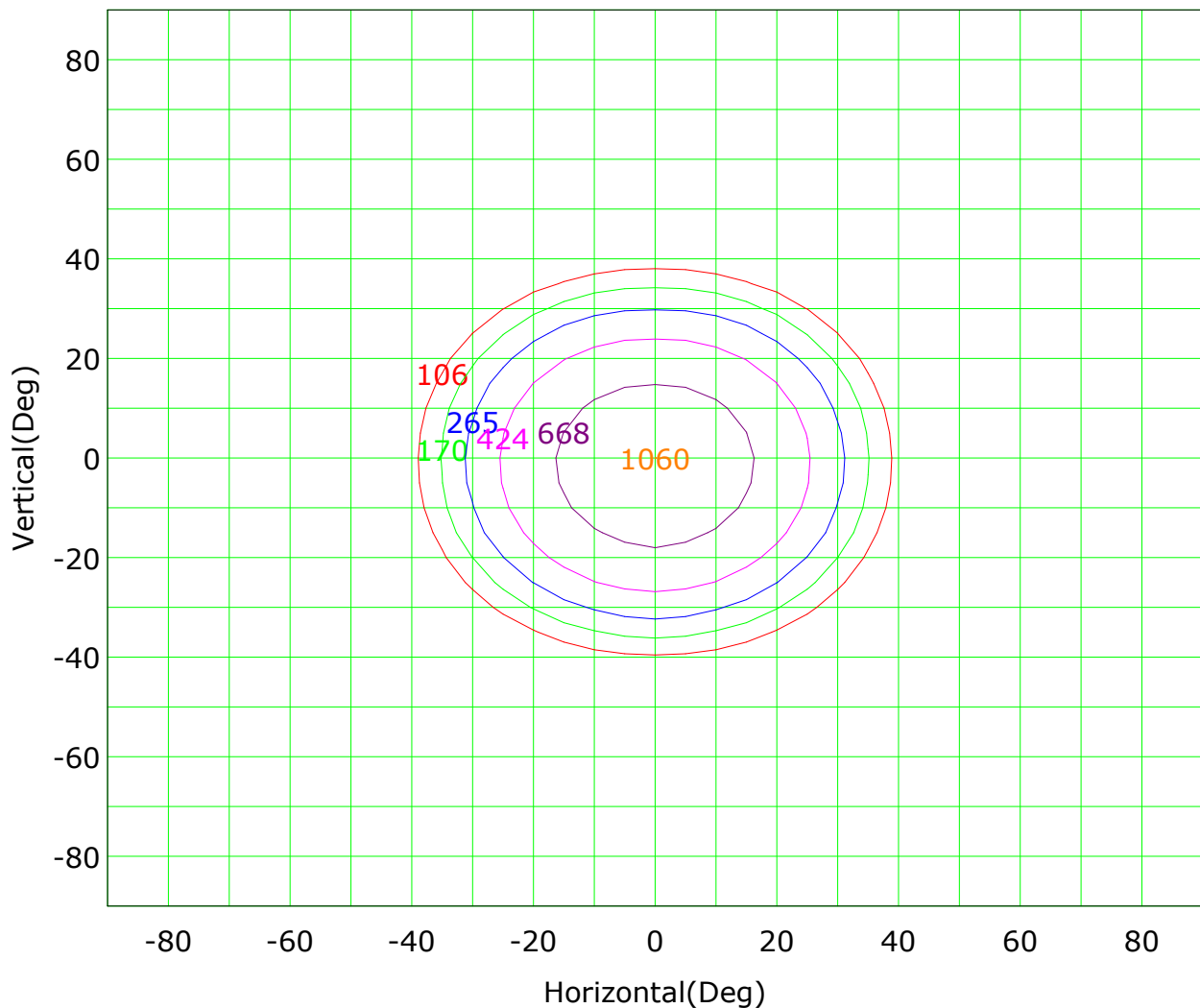
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 1060 cd

(10%): 106 cd	(16%): 170 cd
(25%): 265 cd	(40%): 424 cd
(63%): 668 cd	(100%): 1060 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

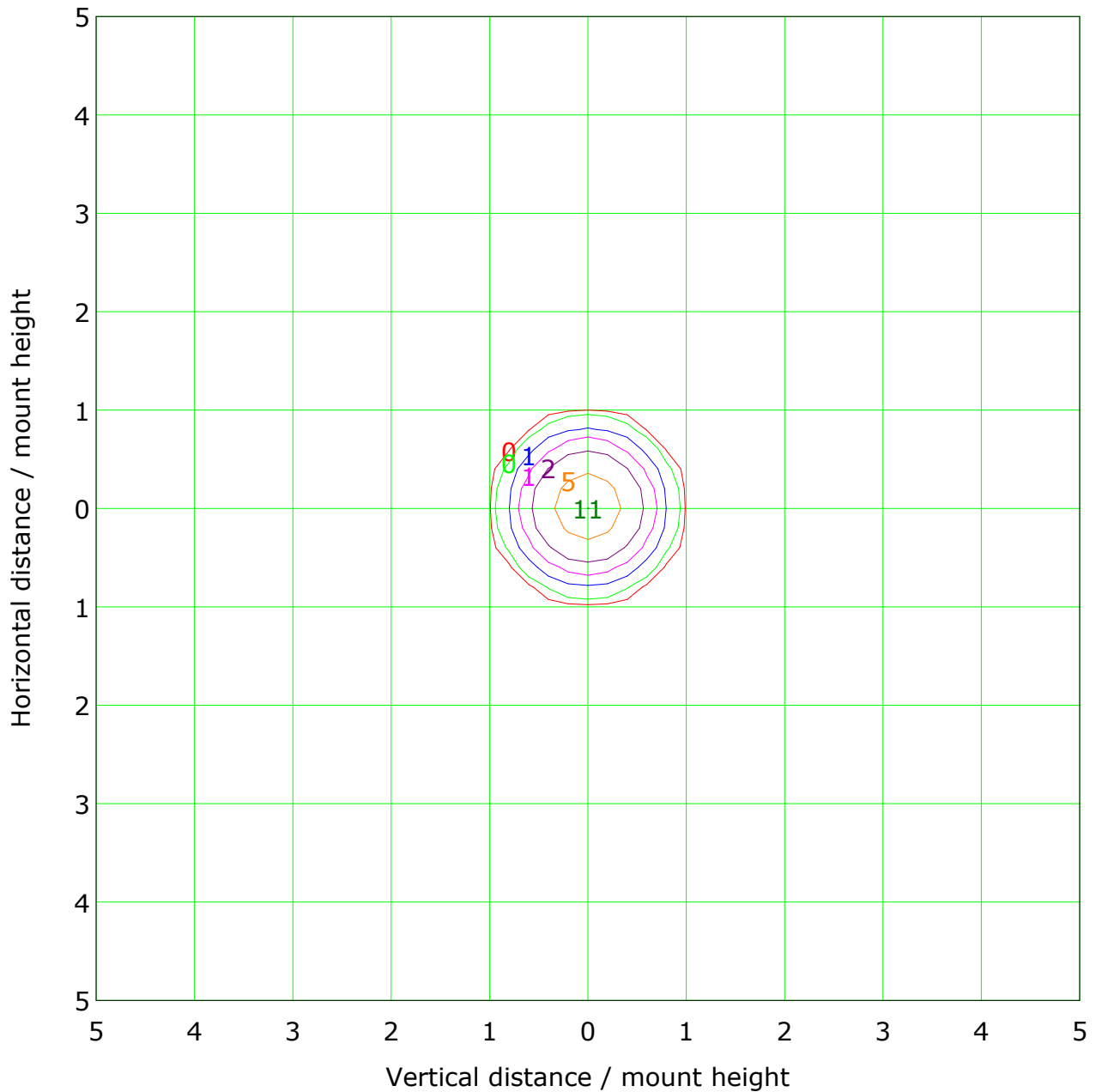
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

IsoLux Plot

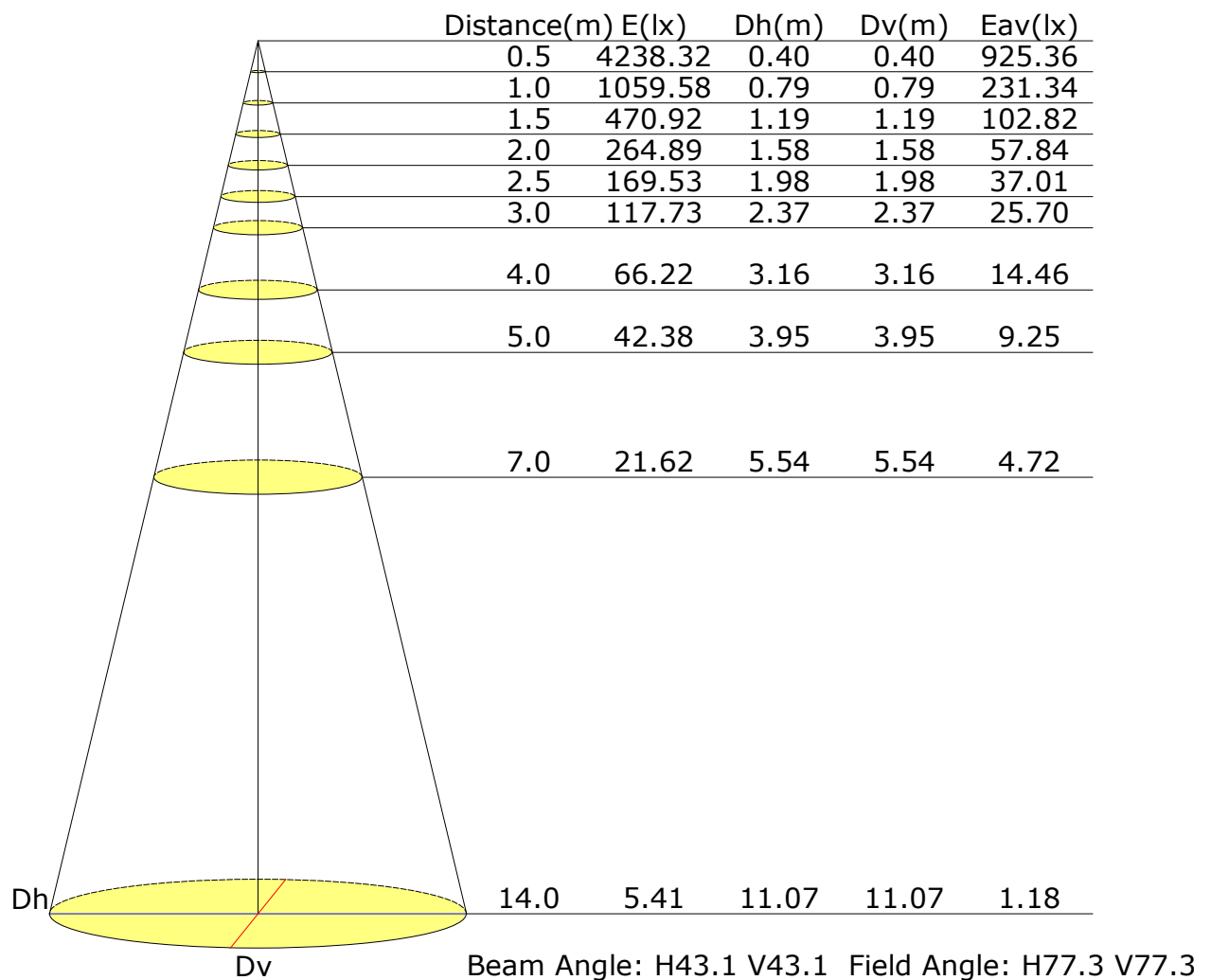


Mounting Height: 10m Max Lux(100%): 11 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	1 lx
— (20%):	2 lx	— (50%):	5 lx
— (100%):	11 lx		

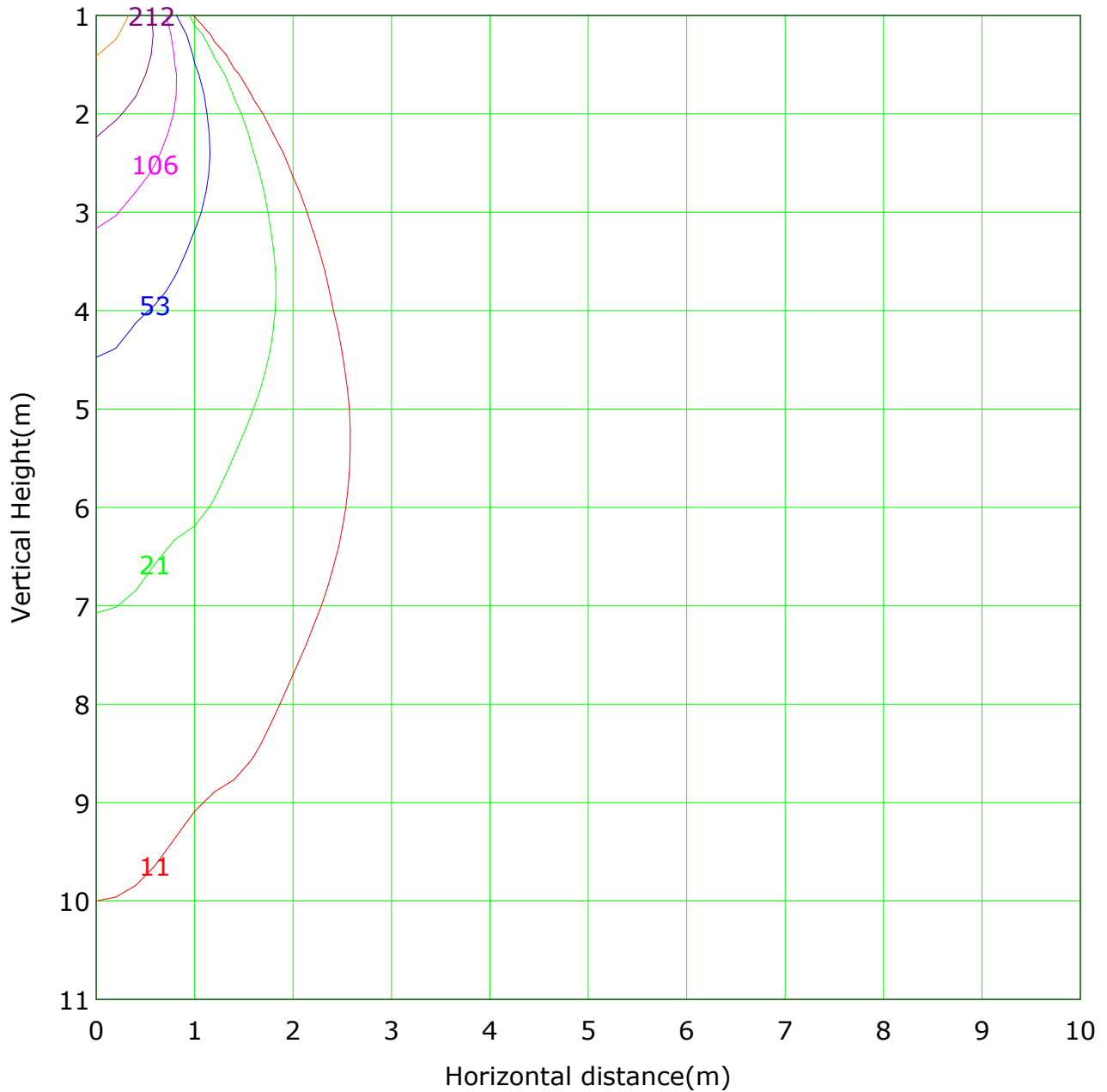
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.655 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

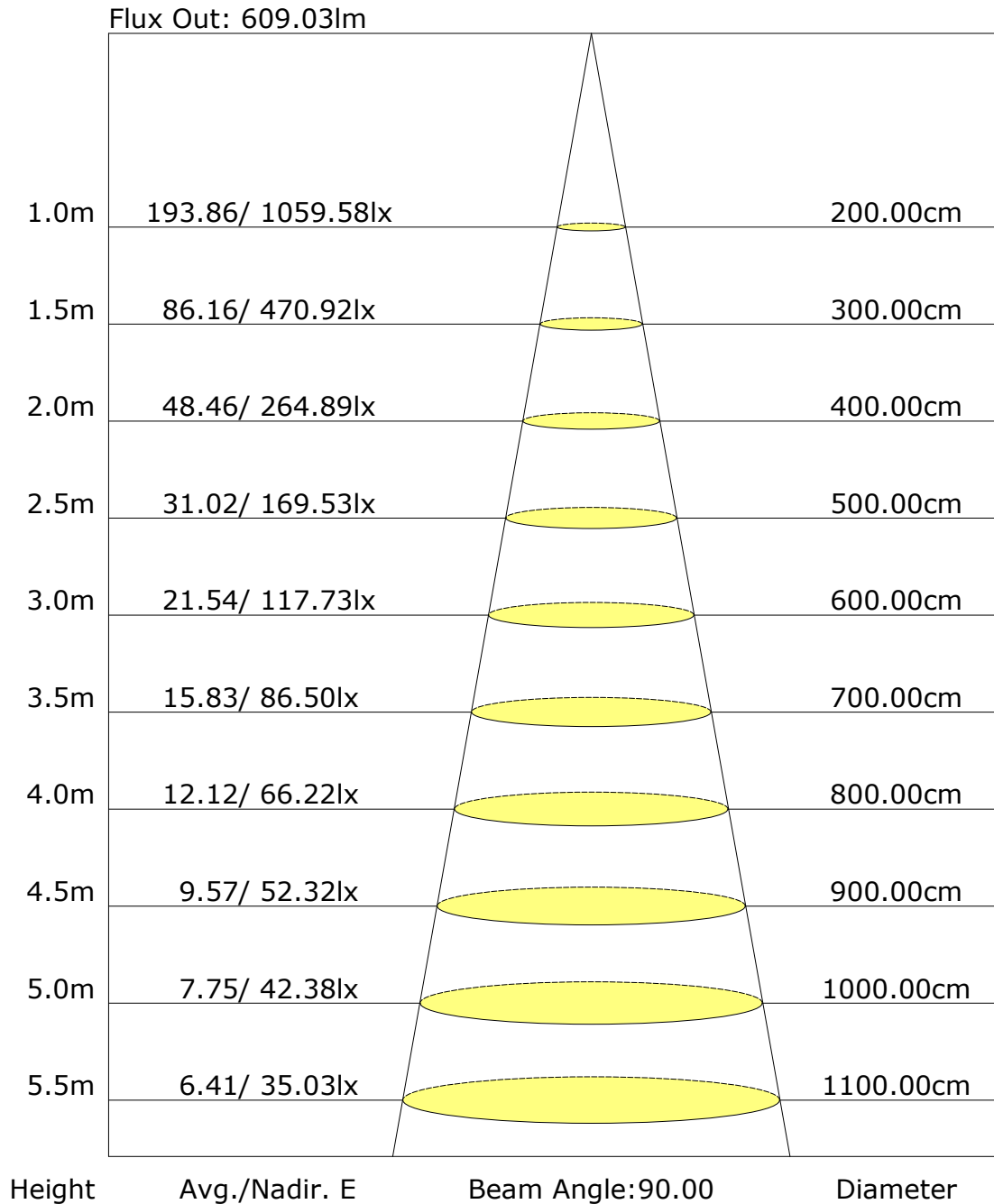


Lowest(m): 1m Highest(m): 11 Max Lux: 1060	
(1%): 11 lx	(2%): 21 lx
(5%): 53 lx	(10%): 106 lx
(20%): 212 lx	(50%): 530 lx
(100%): 1060 lx	

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: 3.655 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: 3.655 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	1058.1	1.0	1.0	0.16	0.16
1.0-2.0	1050.6	3.0	4.0	0.49	0.65
2.0-3.0	1034.8	4.9	9.0	0.80	1.46
3.0-4.0	1010.8	6.8	15.7	1.10	2.55
4.0-5.0	979.4	8.4	24.2	1.37	3.92
5.0-6.0	944.5	9.9	34.1	1.61	5.53
6.0-7.0	909.0	11.3	45.4	1.83	7.36
7.0-8.0	876.7	12.5	57.9	2.04	9.40
8.0-9.0	852.4	13.8	71.7	2.24	11.64
9.0-10.0	833.9	15.1	86.8	2.45	14.09
10.0-11.0	817.4	16.3	103.2	2.65	16.74
11.0-12.0	800.3	17.5	120.7	2.84	19.57
12.0-13.0	777.4	18.5	139.1	2.99	22.57
13.0-14.0	747.0	19.1	158.2	3.10	25.67
14.0-15.0	715.2	19.6	177.9	3.19	28.85
15.0-16.0	686.3	20.1	198.0	3.26	32.12
16.0-17.0	659.7	20.5	218.5	3.33	35.45
17.0-18.0	634.3	20.9	239.5	3.39	38.84
18.0-19.0	609.6	21.2	260.7	3.44	42.28
19.0-20.0	584.8	21.4	282.1	3.47	45.75
20.0-21.0	559.7	21.5	303.6	3.49	49.24
21.0-22.0	533.6	21.4	325.0	3.48	52.72
22.0-23.0	506.6	21.3	346.3	3.45	56.17
23.0-24.0	479.5	21.0	367.2	3.40	59.57
24.0-25.0	452.1	20.6	387.8	3.34	62.90
25.0-26.0	424.3	20.0	407.8	3.25	66.15
26.0-27.0	396.3	19.4	427.2	3.15	69.30
27.0-28.0	367.8	18.6	445.9	3.02	72.32
28.0-29.0	338.4	17.7	463.6	2.87	75.19
29.0-30.0	308.6	16.7	480.2	2.70	77.89
30.0-31.0	279.5	15.6	495.8	2.52	80.42
31.0-32.0	252.0	14.4	510.2	2.34	82.76
32.0-33.0	226.8	13.4	523.6	2.17	84.93
33.0-34.0	203.9	12.3	535.9	2.00	86.93
34.0-35.0	182.7	11.3	547.3	1.84	88.77
35.0-36.0	162.7	10.4	557.6	1.68	90.45

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: 3.655 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	143.6	9.4	567.0	1.52	91.97
37.0-38.0	125.9	8.4	575.4	1.36	93.33
38.0-39.0	109.5	7.5	582.9	1.21	94.54
39.0-40.0	94.3	6.6	589.5	1.07	95.61
40.0-41.0	80.1	5.7	595.2	0.93	96.54
41.0-42.0	66.2	4.8	600.0	0.78	97.32
42.0-43.0	52.4	3.9	603.9	0.63	97.95
43.0-44.0	39.4	3.0	606.8	0.48	98.43
44.0-45.0	28.6	2.2	609.0	0.36	98.79
45.0-46.0	20.6	1.6	610.6	0.26	99.05
46.0-47.0	15.4	1.2	611.9	0.20	99.25
47.0-48.0	12.2	1.0	612.9	0.16	99.41
48.0-49.0	10.1	0.8	613.7	0.13	99.54
49.0-50.0	8.3	0.7	614.4	0.11	99.65
50.0-51.0	6.7	0.6	614.9	0.09	99.74
51.0-52.0	5.4	0.5	615.4	0.08	99.82
52.0-53.0	4.1	0.4	615.8	0.06	99.88
53.0-54.0	3.0	0.3	616.0	0.04	99.92
54.0-55.0	2.2	0.2	616.2	0.03	99.95
55.0-56.0	1.5	0.1	616.4	0.02	99.98
56.0-57.0	1.0	0.1	616.4	0.01	99.99
57.0-58.0	0.5	0.0	616.5	0.01	100.00
58.0-59.0	0.2	0.0	616.5	0.00	100.00
59.0-60.0	0.0	0.0	616.5	0.00	100.00
60.0-61.0	0.0	0.0	616.5	0.00	100.00
61.0-62.0	0.0	0.0	616.5	0.00	100.00
62.0-63.0	0.0	0.0	616.5	0.00	100.00
63.0-64.0	0.0	0.0	616.5	0.00	100.00
64.0-65.0	0.0	0.0	616.5	0.00	100.00
65.0-66.0	0.0	0.0	616.5	0.00	100.00
66.0-67.0	0.0	0.0	616.5	0.00	100.00
67.0-68.0	0.0	0.0	616.5	0.00	100.00
68.0-69.0	0.0	0.0	616.5	0.00	100.00
69.0-70.0	0.0	0.0	616.5	0.00	100.00
70.0-71.0	0.0	0.0	616.5	0.00	100.00
71.0-72.0	0.0	0.0	616.5	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: 3.655 m
Humidity:
Inspector:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.655 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	1059.6	1059.6								
G1.0	1054.6	1058.5								
G2.0	1037.9	1051.5								
G3.0	1009.6	1040.1								
G4.0	972.3	1021.2								
G5.0	931.0	992.9								
G6.0	894.1	959.8								
G7.0	865.5	916.6								
G8.0	847.7	877.2								
G9.0	836.9	847.7								
G10.0	818.2	832.7								
G11.0	787.8	830.9								
G12.0	753.2	829.4								
G13.0	719.2	807.9								
G14.0	686.9	774.2								
G15.0	657.8	742.1								
G16.0	630.0	715.2								
G17.0	603.0	690.5								
G18.0	577.1	666.7								
G19.0	551.5	643.1								
G20.0	525.2	619.5								
G21.0	499.7	594.3								
G22.0	473.8	566.6								
G23.0	447.3	538.8								
G24.0	421.2	510.8								
G25.0	394.7	481.9								
G26.0	368.1	452.7								
G27.0	341.3	423.2								
G28.0	313.6	393.2								
G29.0	284.8	362.1								
G30.0	257.9	329.7								
G31.0	233.1	297.2								
G32.0	210.5	267.1								
G33.0	189.9	239.7								
G34.0	171.0	214.9								
G35.0	152.3	192.4								
G36.0	134.6	171.3								

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: 3.655 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C180.0								
G37.0	118.0	150.6								
G38.0	103.0	131.8								
G39.0	88.8	114.3								
G40.0	75.5	98.7								
G41.0	62.3	83.9								
G42.0	48.5	70.2								
G43.0	34.4	56.6								
G44.0	24.0	42.7								
G45.0	18.0	29.6								
G46.0	13.9	20.8								
G47.0	11.2	15.6								
G48.0	9.6	12.6								
G49.0	8.1	10.0								
G50.0	6.6	8.4								
G51.0	5.1	6.9								
G52.0	3.9	5.7								
G53.0	3.0	3.9								
G54.0	2.3	3.0								
G55.0	1.4	2.3								
G56.0	1.0	1.4								
G57.0	0.4	1.0								
G58.0	0.2	0.4								
G59.0	0.0	0.0								
G60.0	0.0	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: 3.655 m
Humidity:
Inspector:

Unit: cd

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.655 m
Humidity:
Inspector: