

Report No.:

Test Time: 2025-05-04 10:49

Luminaire Property

Luminaire Category:

Luminaire Description: NOORLY 45-36D

Current: 0.065 A

Power Factor: 0.559

Voltage: 228.9 V

Power: 8.30 W

Photometric Results

CIE Class: Direct

Measurement Flux: 608.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H31.2

Vertical Diffuse Angle(50%): V31.2

Luminaire Efficacy Rating (LER): 73

Max. Intensity: 1801.1 cd

Total Rated Lamp Lumens: 608.9 lm

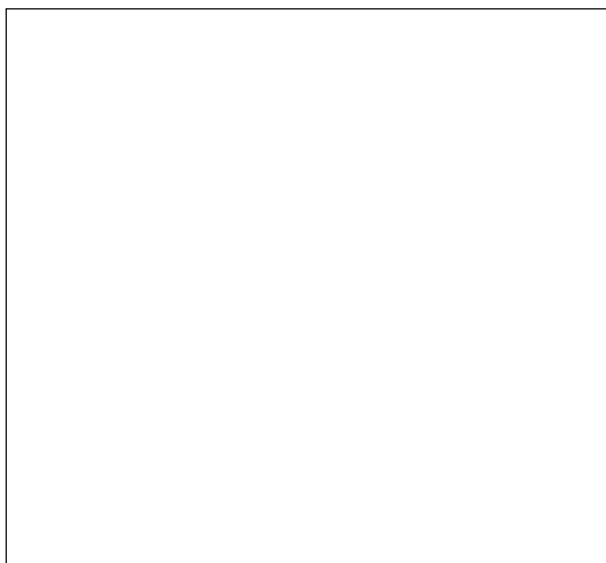
Efficiency: 100%

Upward Ratio: 0%

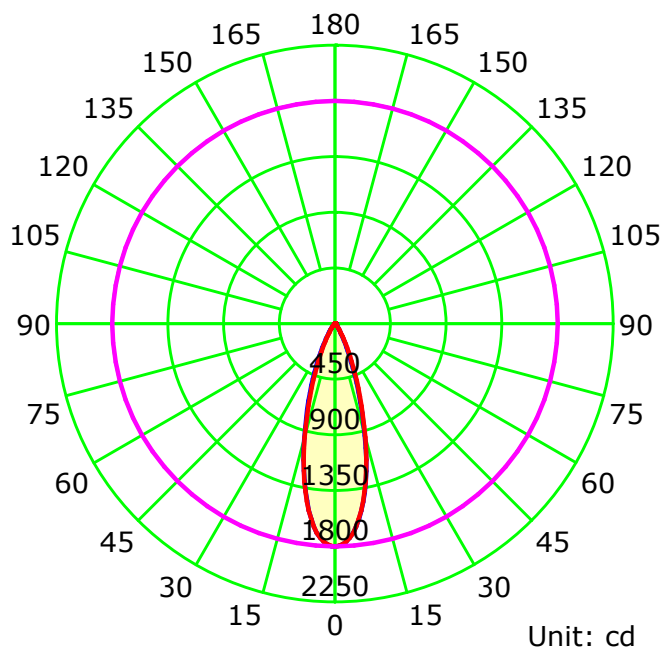
Central Intensity: 1801.1 cd

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

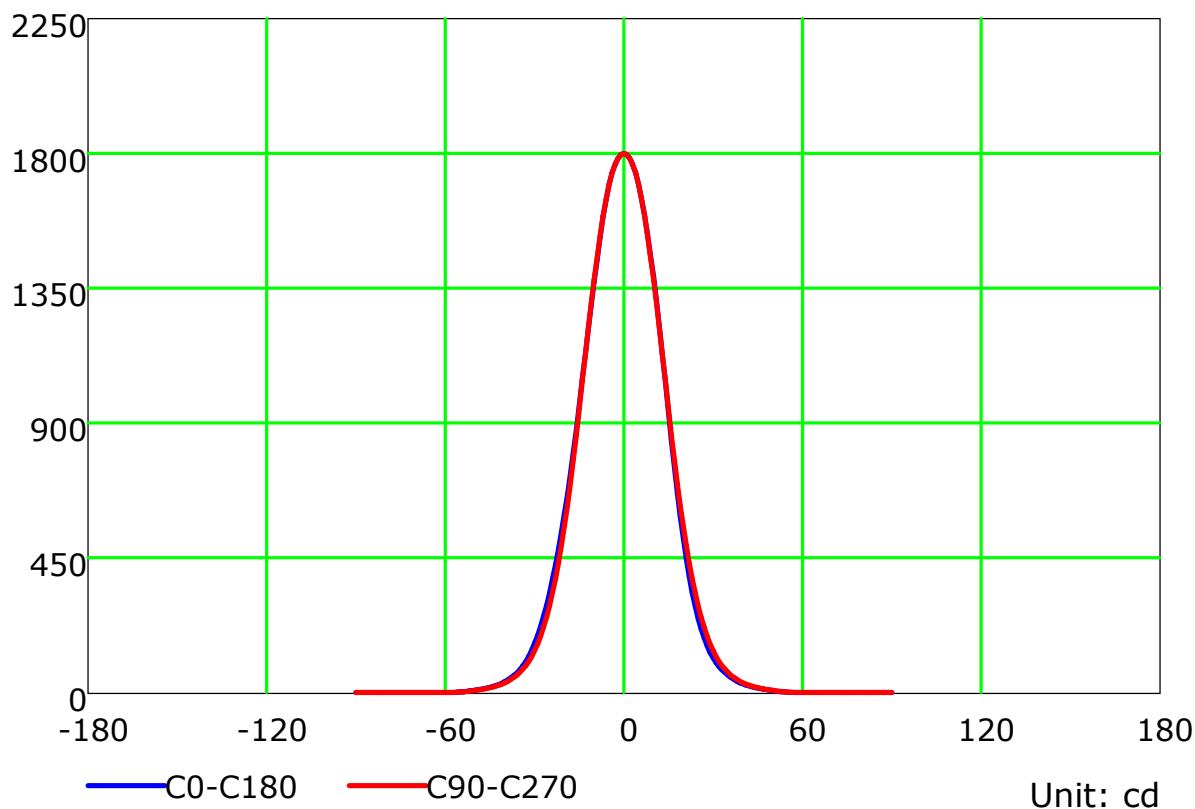
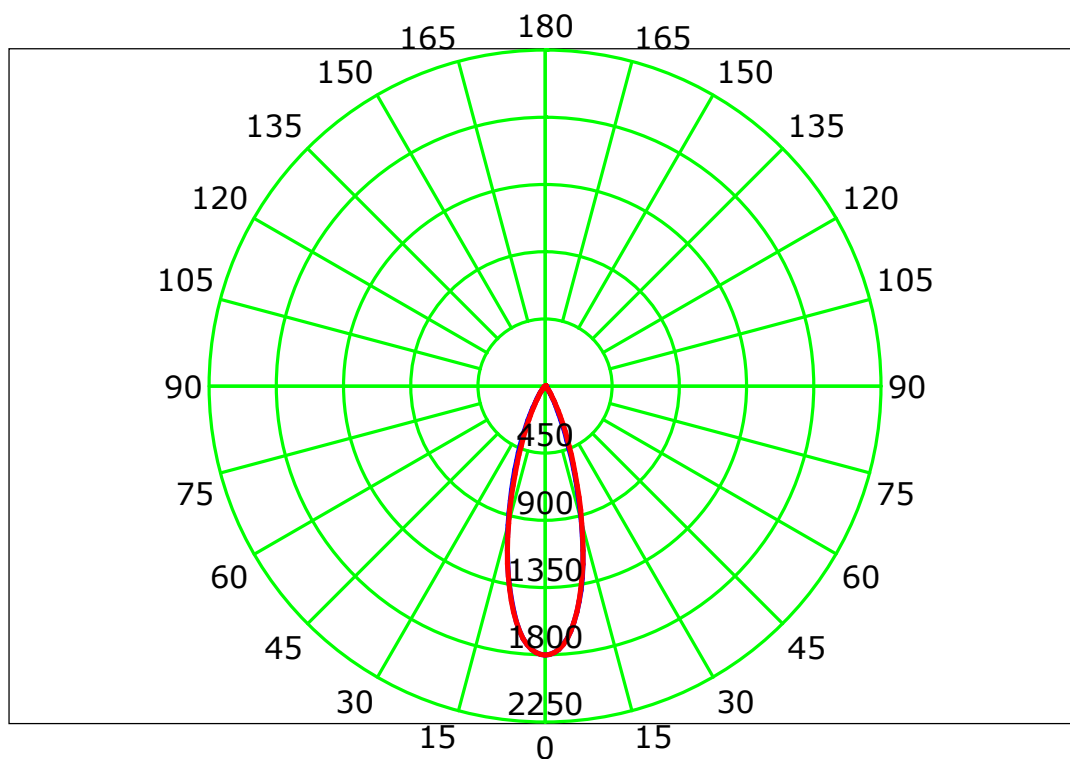
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

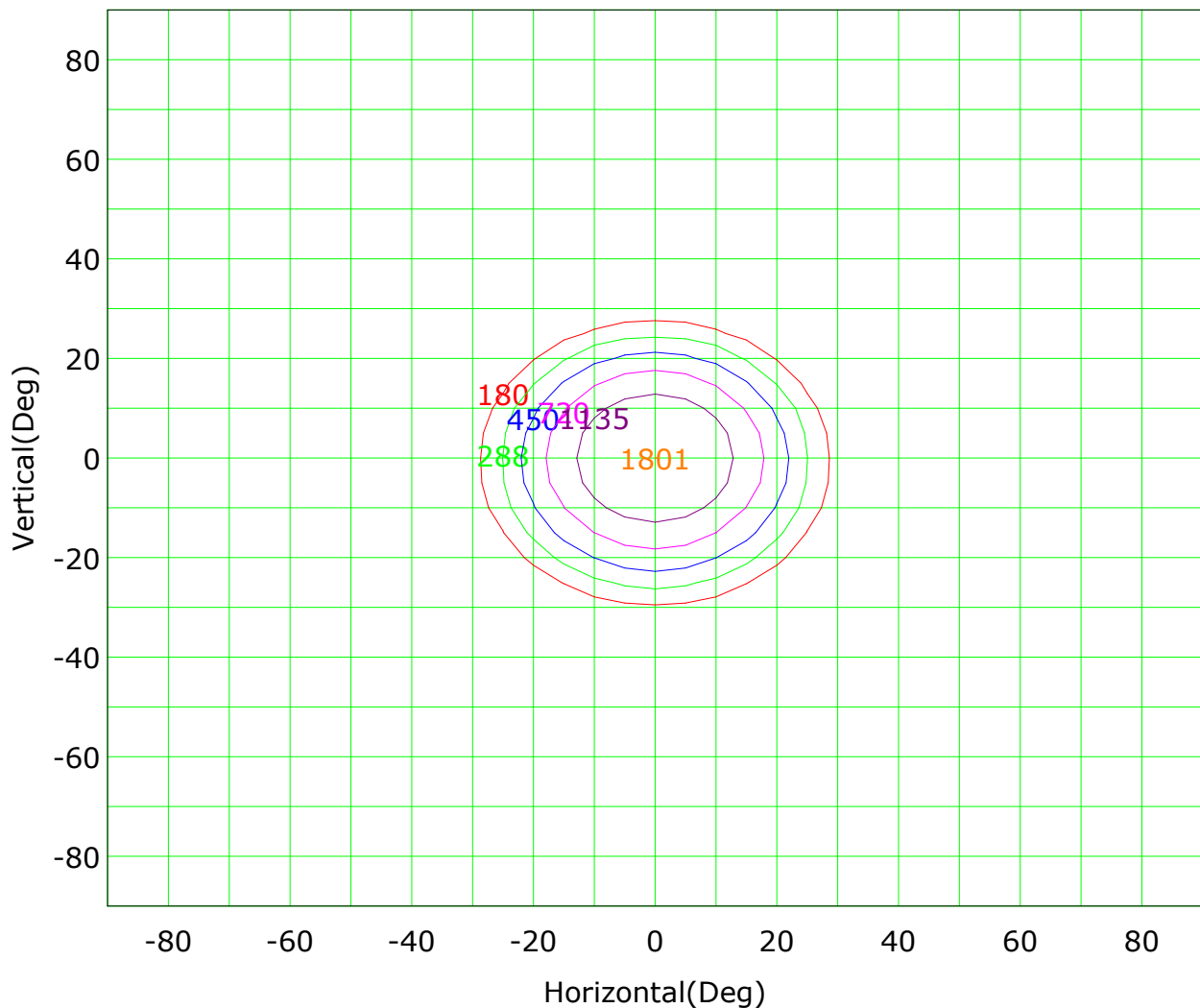
Luminous Intensity Distribution Curve



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%): 1801 cd

(10%): 180 cd	(16%): 288 cd
(25%): 450 cd	(40%): 720 cd
(63%): 1135 cd	(100%): 1801 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

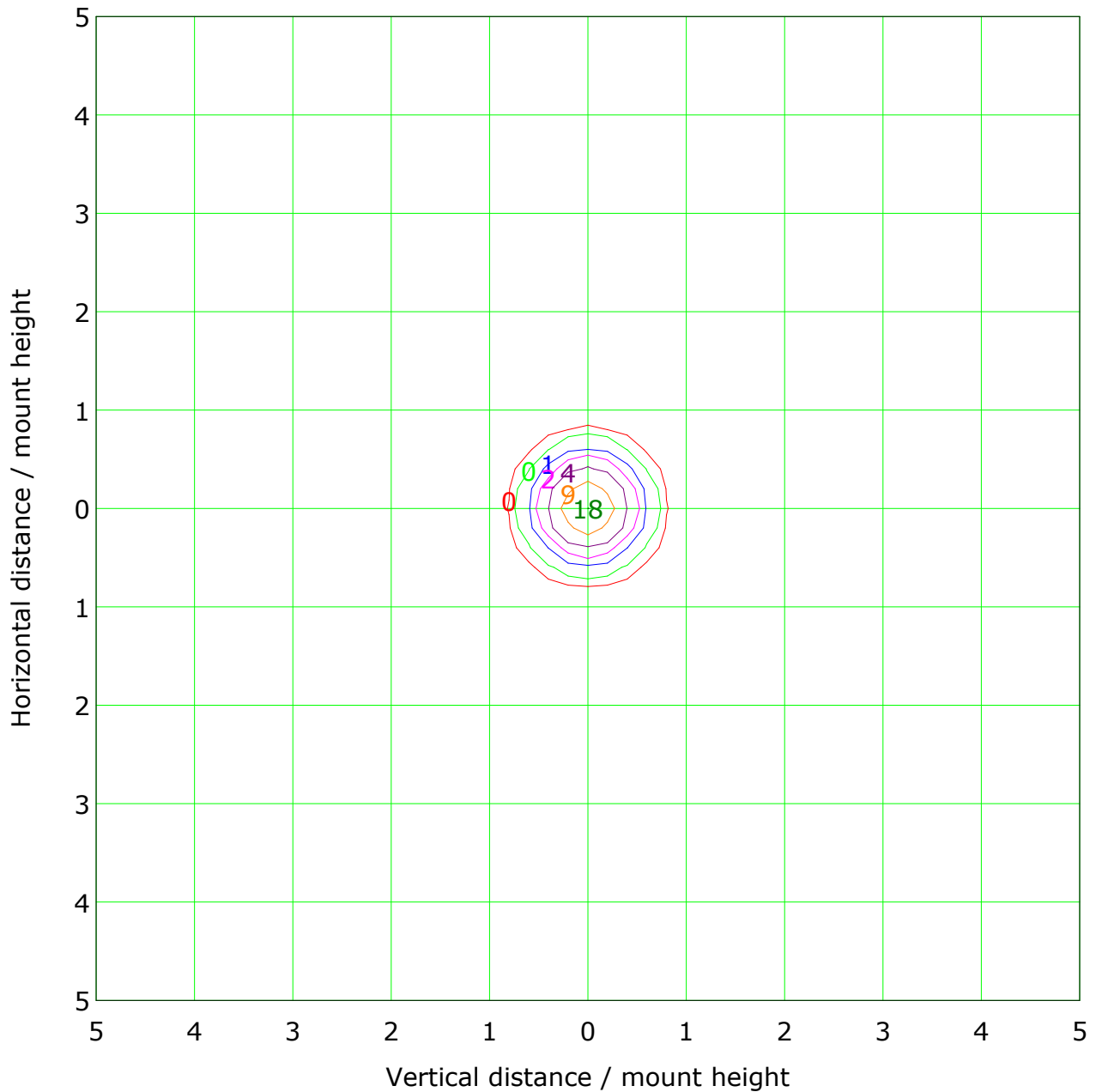
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 18 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	2 lx
— (20%):	4 lx	— (50%):	9 lx
— (100%):	18 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

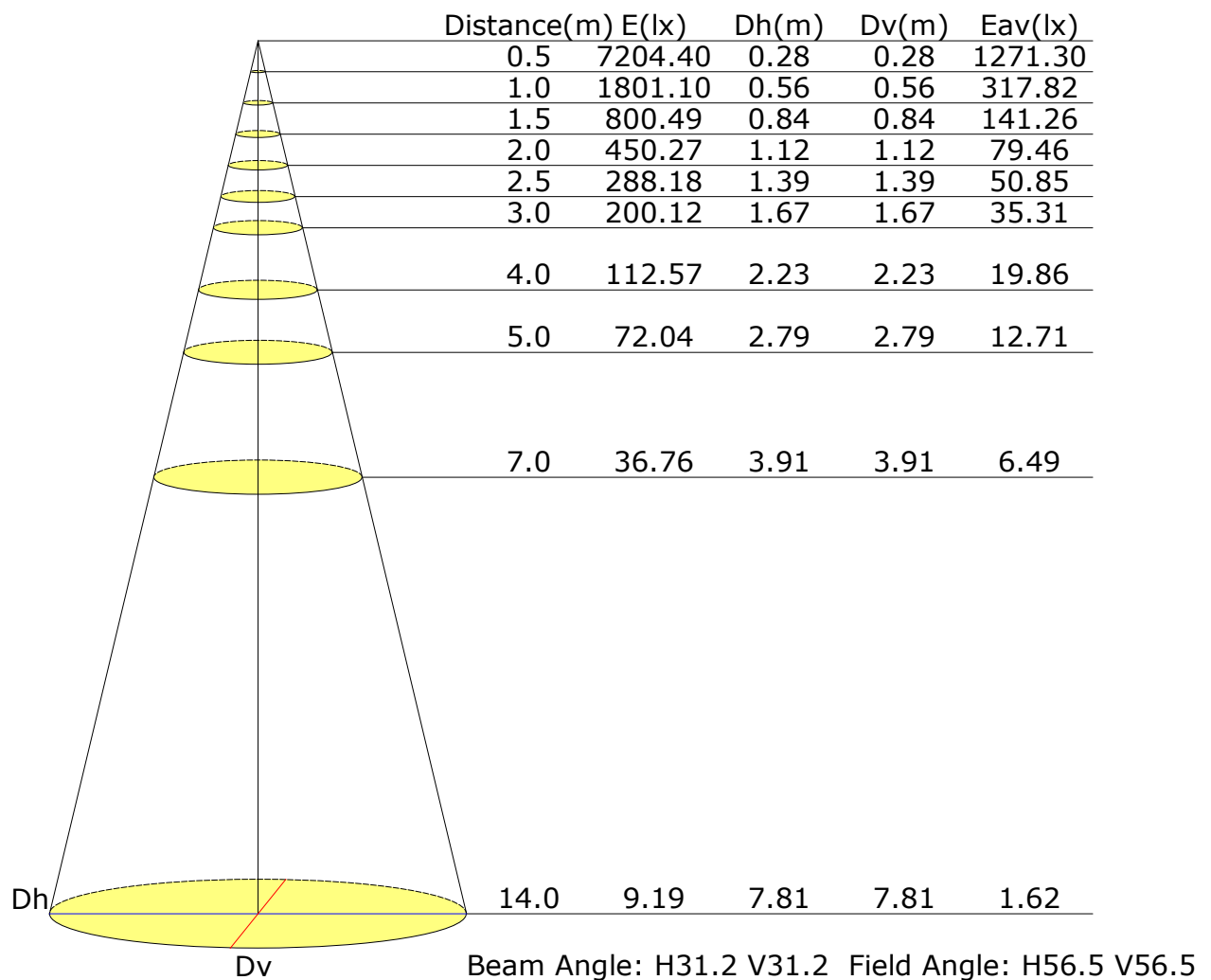
Test Device: CHL-6E

Distance: 3.655 m

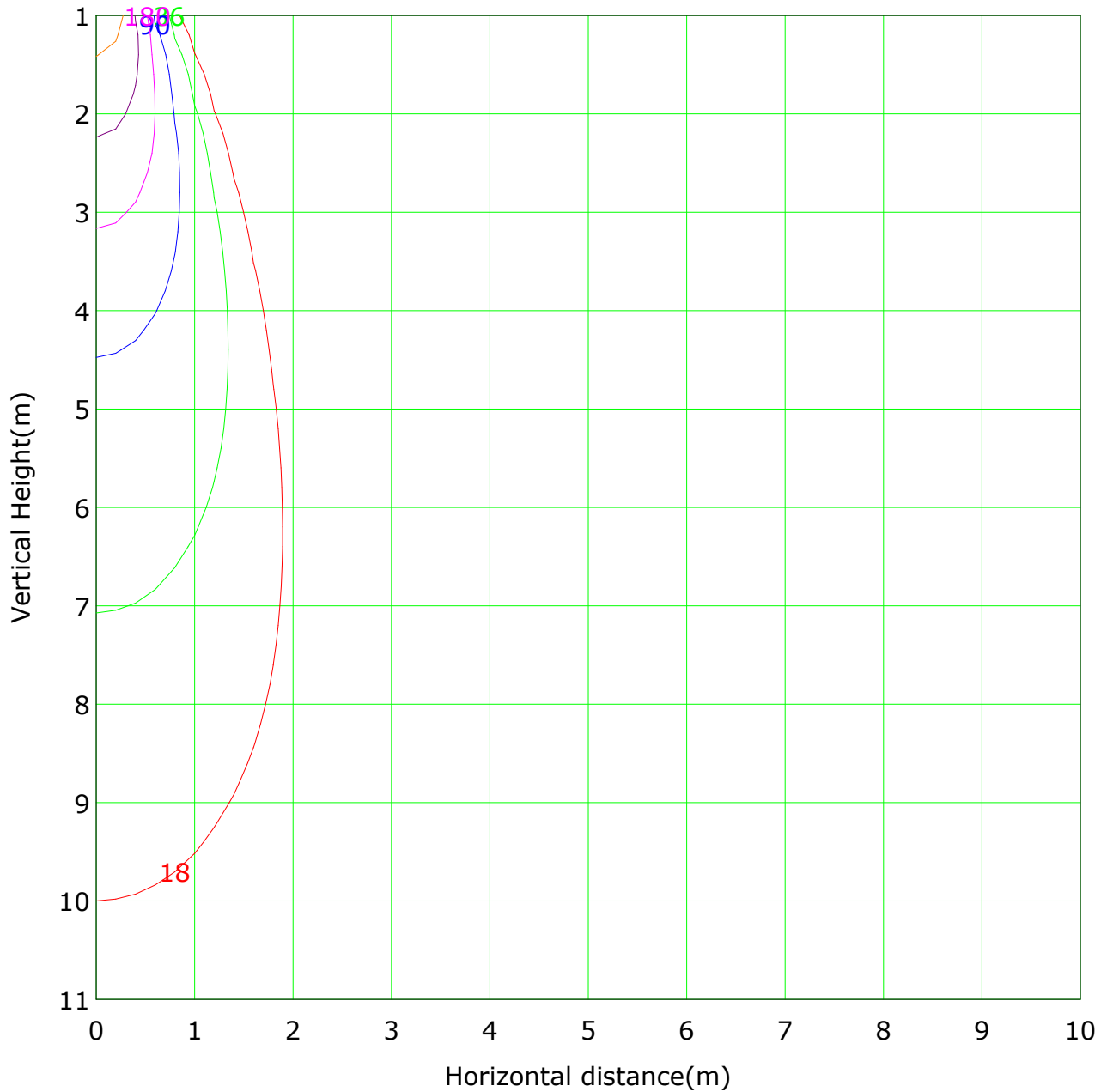
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1m Highest(m): 11 Max Lux: 1801

(1%): 18 lx	(2%): 36 lx
(5%): 90 lx	(10%): 180 lx
(20%): 360 lx	(50%): 901 lx
(100%): 1801 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

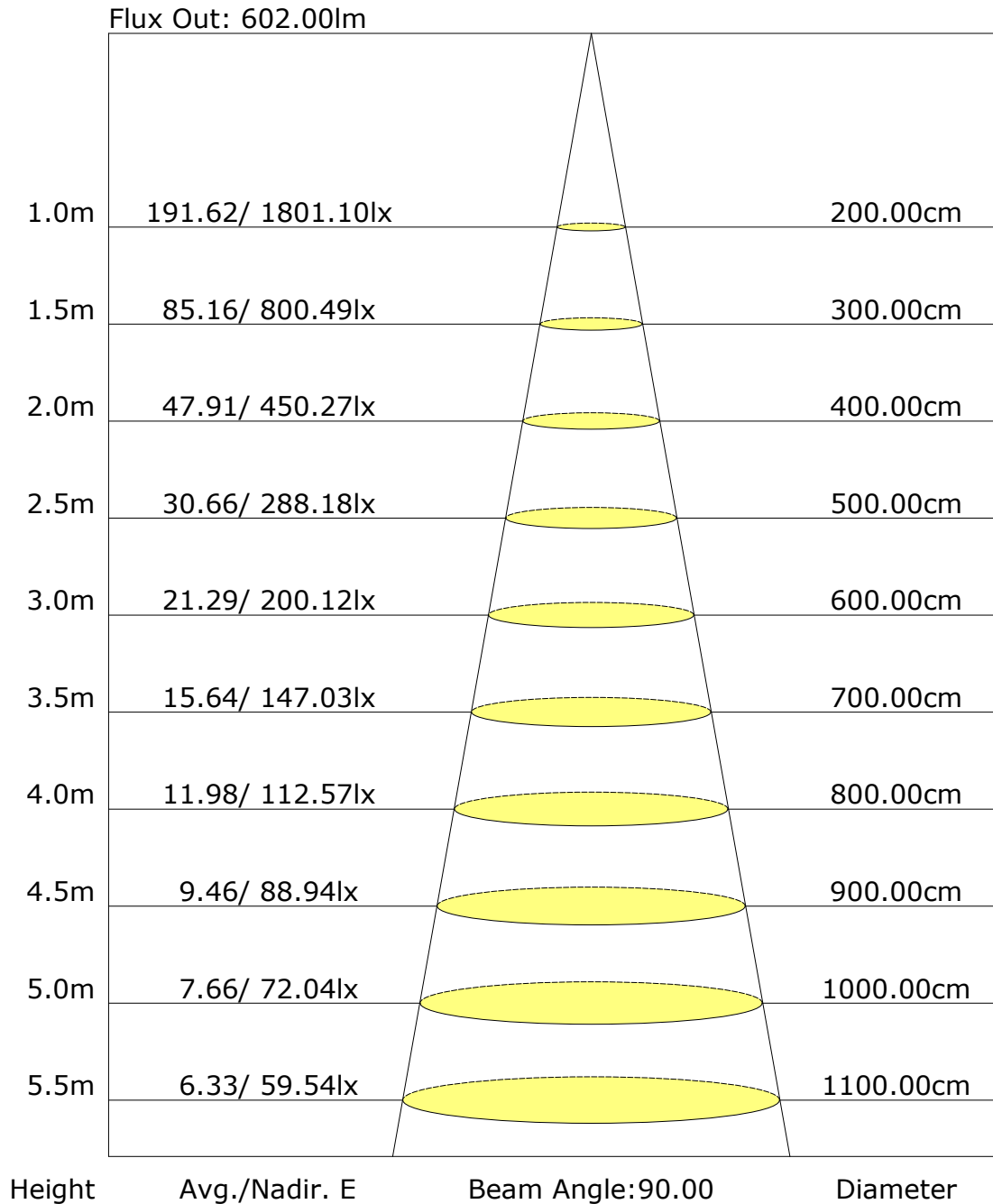
Test Device: CHL-6E

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	1799.2	1.7	1.7	0.28	0.28
1.0-2.0	1791.3	5.1	6.9	0.84	1.13
2.0-3.0	1775.3	8.5	15.4	1.39	2.52
3.0-4.0	1750.6	11.7	27.1	1.92	4.45
4.0-5.0	1716.9	14.8	41.8	2.43	6.87
5.0-6.0	1673.9	17.6	59.4	2.89	9.76
6.0-7.0	1620.7	20.1	79.6	3.30	13.07
7.0-8.0	1558.9	22.3	101.9	3.66	16.73
8.0-9.0	1491.0	24.2	126.0	3.97	20.70
9.0-10.0	1418.1	25.7	151.7	4.22	24.92
10.0-11.0	1340.9	26.8	178.5	4.40	29.32
11.0-12.0	1259.6	27.5	206.0	4.52	33.84
12.0-13.0	1174.5	27.9	233.9	4.58	38.42
13.0-14.0	1086.6	27.8	261.7	4.57	42.99
14.0-15.0	996.8	27.4	289.1	4.49	47.48
15.0-16.0	907.2	26.6	315.7	4.37	51.85
16.0-17.0	820.7	25.6	341.3	4.20	56.05
17.0-18.0	738.8	24.4	365.6	4.00	60.05
18.0-19.0	662.1	23.0	388.7	3.78	63.83
19.0-20.0	590.3	21.6	410.3	3.55	67.38
20.0-21.0	524.0	20.1	430.4	3.31	70.69
21.0-22.0	463.5	18.6	449.0	3.06	73.75
22.0-23.0	408.4	17.1	466.2	2.81	76.56
23.0-24.0	358.2	15.7	481.8	2.57	79.13
24.0-25.0	312.4	14.2	496.0	2.33	81.47
25.0-26.0	271.6	12.8	508.8	2.11	83.57
26.0-27.0	235.9	11.5	520.4	1.90	85.47
27.0-28.0	204.2	10.3	530.7	1.70	87.17
28.0-29.0	176.1	9.2	539.9	1.51	88.68
29.0-30.0	151.7	8.2	548.1	1.34	90.02
30.0-31.0	130.6	7.3	555.4	1.19	91.22
31.0-32.0	112.5	6.4	561.8	1.06	92.28
32.0-33.0	97.1	5.7	567.6	0.94	93.22
33.0-34.0	84.2	5.1	572.7	0.84	94.05
34.0-35.0	73.0	4.5	577.2	0.74	94.80
35.0-36.0	63.2	4.0	581.2	0.66	95.46

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	54.7	3.6	584.8	0.59	96.04
37.0-38.0	47.4	3.2	588.0	0.52	96.56
38.0-39.0	41.0	2.8	590.8	0.46	97.02
39.0-40.0	35.4	2.5	593.2	0.41	97.43
40.0-41.0	30.8	2.2	595.4	0.36	97.79
41.0-42.0	26.9	2.0	597.4	0.32	98.11
42.0-43.0	23.5	1.7	599.1	0.29	98.40
43.0-44.0	20.3	1.5	600.6	0.25	98.65
44.0-45.0	17.6	1.4	602.0	0.22	98.87
45.0-46.0	15.4	1.2	603.2	0.20	99.07
46.0-47.0	13.4	1.1	604.3	0.17	99.24
47.0-48.0	11.5	0.9	605.2	0.15	99.40
48.0-49.0	9.8	0.8	606.0	0.13	99.53
49.0-50.0	8.3	0.7	606.7	0.11	99.64
50.0-51.0	6.7	0.6	607.3	0.09	99.73
51.0-52.0	5.3	0.5	607.7	0.07	99.81
52.0-53.0	4.1	0.4	608.1	0.06	99.87
53.0-54.0	3.1	0.3	608.3	0.04	99.91
54.0-55.0	2.3	0.2	608.5	0.03	99.95
55.0-56.0	1.6	0.1	608.7	0.02	99.97
56.0-57.0	1.1	0.1	608.8	0.02	99.99
57.0-58.0	0.6	0.1	608.8	0.01	99.99
58.0-59.0	0.3	0.0	608.9	0.00	100.00
59.0-60.0	0.1	0.0	608.9	0.00	100.00
60.0-61.0	0.0	0.0	608.9	0.00	100.00
61.0-62.0	0.0	0.0	608.9	0.00	100.00
62.0-63.0	0.0	0.0	608.9	0.00	100.00
63.0-64.0	0.0	0.0	608.9	0.00	100.00
64.0-65.0	0.0	0.0	608.9	0.00	100.00
65.0-66.0	0.0	0.0	608.9	0.00	100.00
66.0-67.0	0.0	0.0	608.9	0.00	100.00
67.0-68.0	0.0	0.0	608.9	0.00	100.00
68.0-69.0	0.0	0.0	608.9	0.00	100.00
69.0-70.0	0.0	0.0	608.9	0.00	100.00
70.0-71.0	0.0	0.0	608.9	0.00	100.00
71.0-72.0	0.0	0.0	608.9	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	1801.1	1801.1								
G1.0	1796.9	1797.8								
G2.0	1785.2	1785.2								
G3.0	1764.9	1765.8								
G4.0	1735.1	1736.9								
G5.0	1696.6	1699.1								
G6.0	1649.9	1650.0								
G7.0	1592.4	1590.7								
G8.0	1528.7	1523.8								
G9.0	1461.9	1449.5								
G10.0	1388.4	1372.7								
G11.0	1308.0	1294.5								
G12.0	1220.6	1215.5								
G13.0	1129.8	1132.1								
G14.0	1035.5	1049.1								
G15.0	939.2	963.3								
G16.0	844.4	881.8								
G17.0	752.9	803.8								
G18.0	667.8	730.7								
G19.0	588.5	661.3								
G20.0	514.4	597.0								
G21.0	447.7	537.0								
G22.0	388.6	480.8								
G23.0	335.1	429.2								
G24.0	288.5	379.9								
G25.0	248.0	333.2								
G26.0	213.1	292.3								
G27.0	182.8	255.5								
G28.0	156.8	221.8								
G29.0	134.2	191.7								
G30.0	115.9	164.9								
G31.0	100.3	141.2								
G32.0	87.4	121.0								
G33.0	76.2	103.8								
G34.0	67.2	89.4								
G35.0	58.7	76.7								
G36.0	51.2	66.2								

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	44.3	57.2								
G38.0	38.5	49.6								
G39.0	33.1	42.8								
G40.0	28.9	36.8								
G41.0	25.5	31.9								
G42.0	22.6	27.7								
G43.0	19.6	24.0								
G44.0	17.1	20.5								
G45.0	15.1	17.7								
G46.0	13.2	15.6								
G47.0	11.5	13.2								
G48.0	9.7	11.5								
G49.0	8.4	9.7								
G50.0	6.9	8.1								
G51.0	5.1	6.9								
G52.0	3.9	5.4								
G53.0	2.8	4.2								
G54.0	2.3	3.1								
G55.0	1.5	2.3								
G56.0	1.0	1.6								
G57.0	0.4	1.0								
G58.0	0.3	0.4								
G59.0	0.0	0.3								
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: