

Report No.:

Test Time: 2025-05-04 11:37

## Luminaire Property

Luminaire Category:

Luminaire Description: NOORLY 35 15D

Current: 0.045 A

Power Factor: 0.580

Voltage: 232.4 V

Power: 6.10 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 279 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H20.5

Vertical Diffuse Angle(50%): V20.5

Luminaire Efficacy Rating (LER): 46

Max. Intensity: 1746.16 cd

Total Rated Lamp Lumens: 279.0 lm

Efficiency: 100%

Upward Ratio: 0%

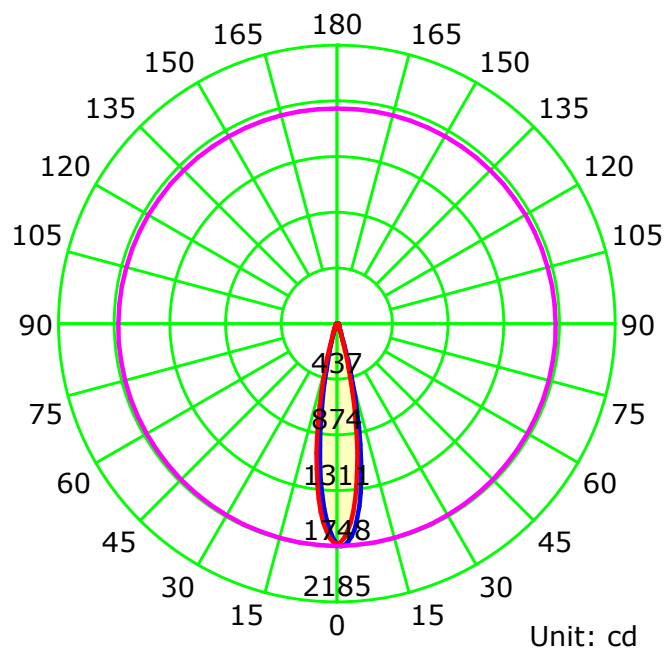
Central Intensity: 1730.27 cd

Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G1

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

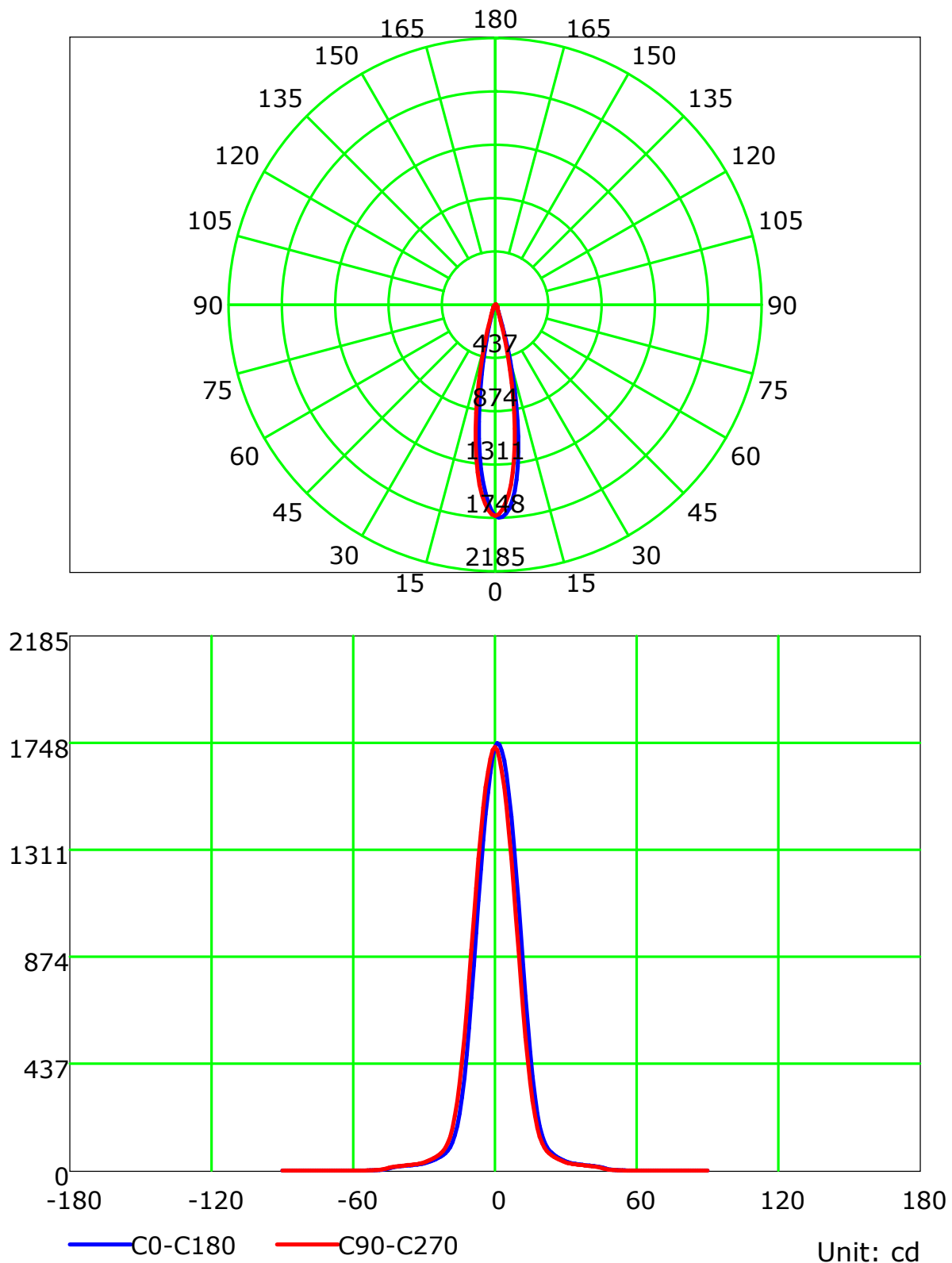
Test Device: CHL-6E

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

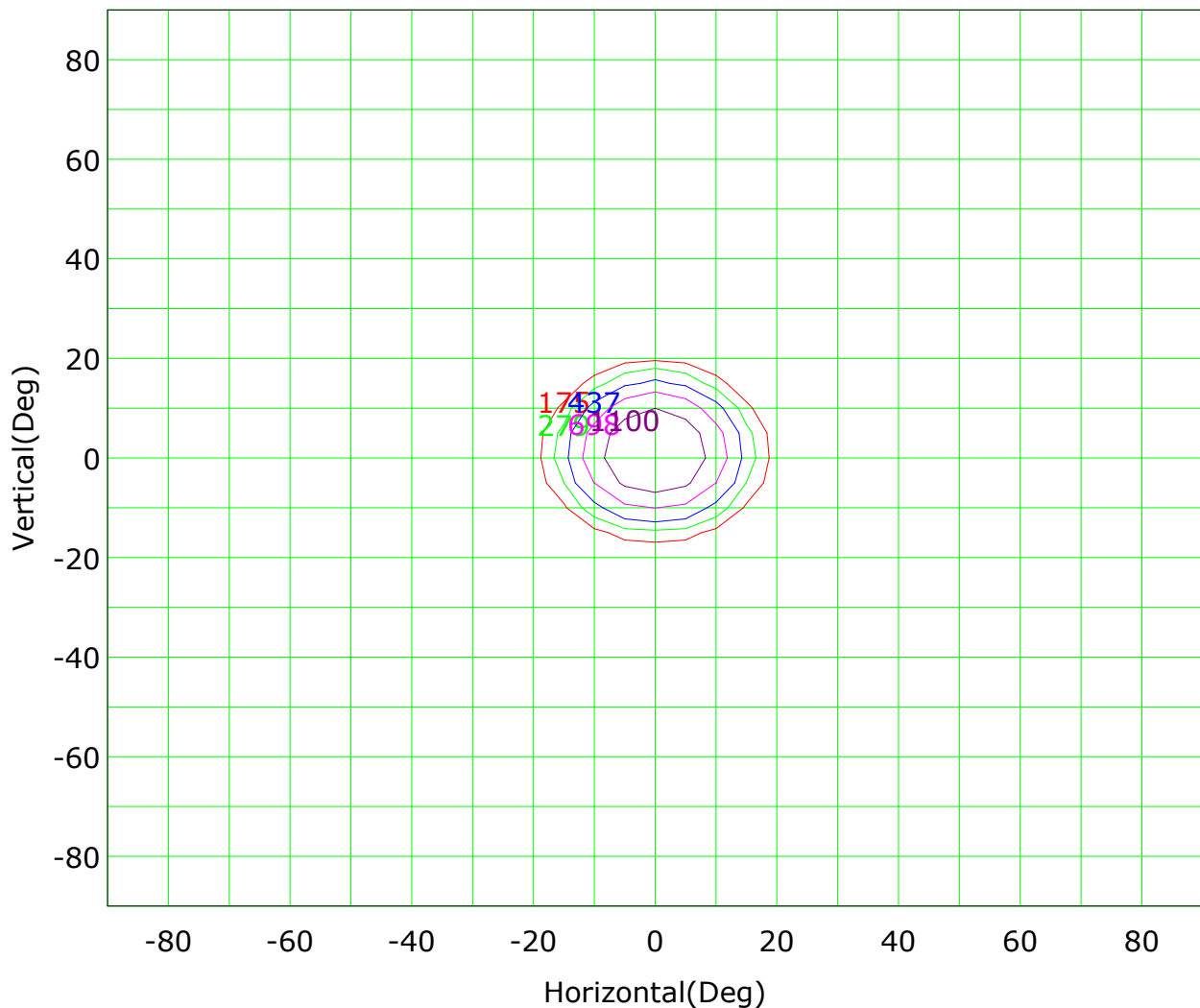
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

## Isocandela (rectangle)



Imax (100%): 1746 cd

( 10%): 175 cd	( 16%): 279 cd
( 25%): 437 cd	( 40%): 698 cd
( 63%): 1100 cd	(100%): 1746 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

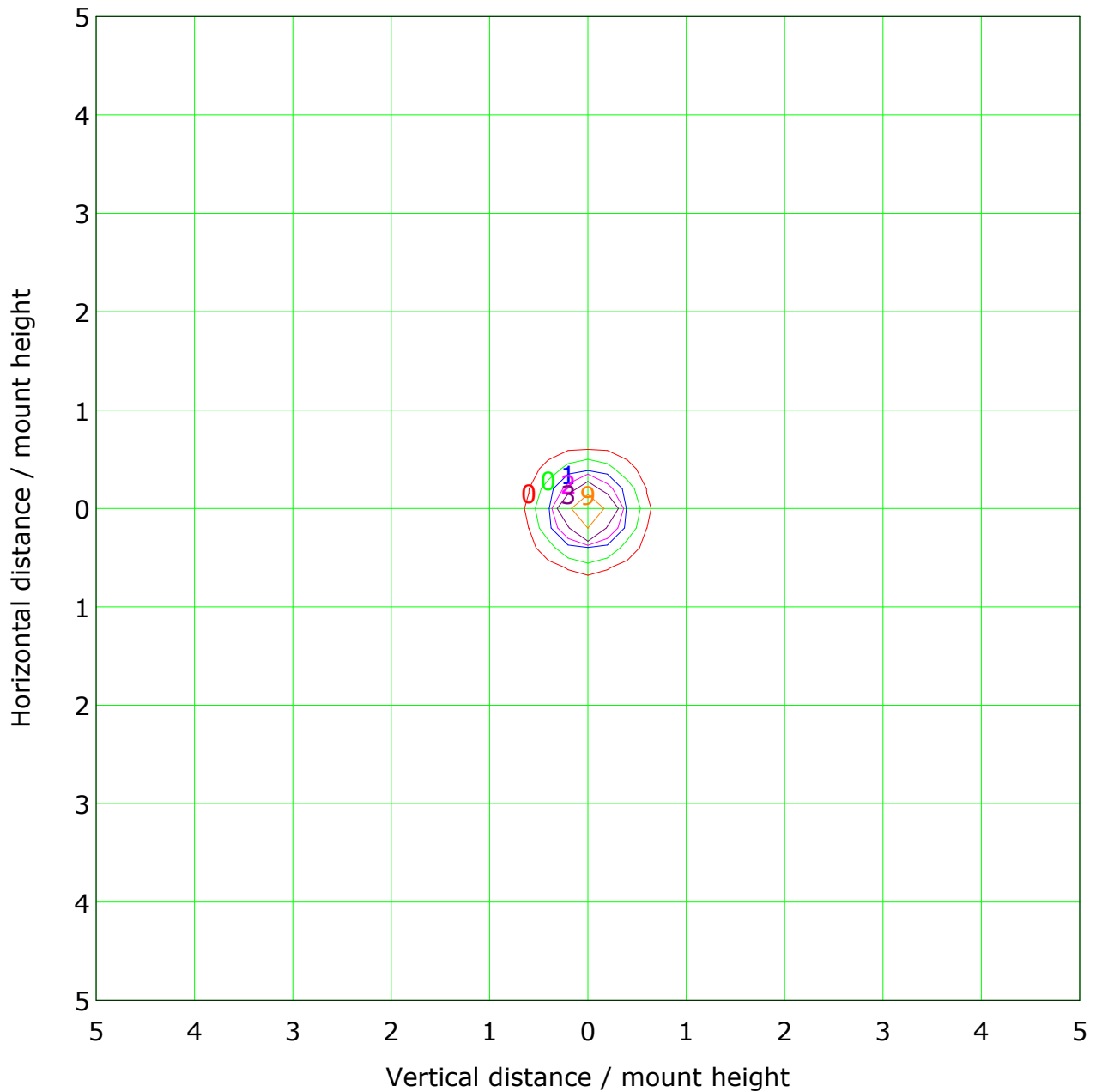
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

## IsoLux Plot

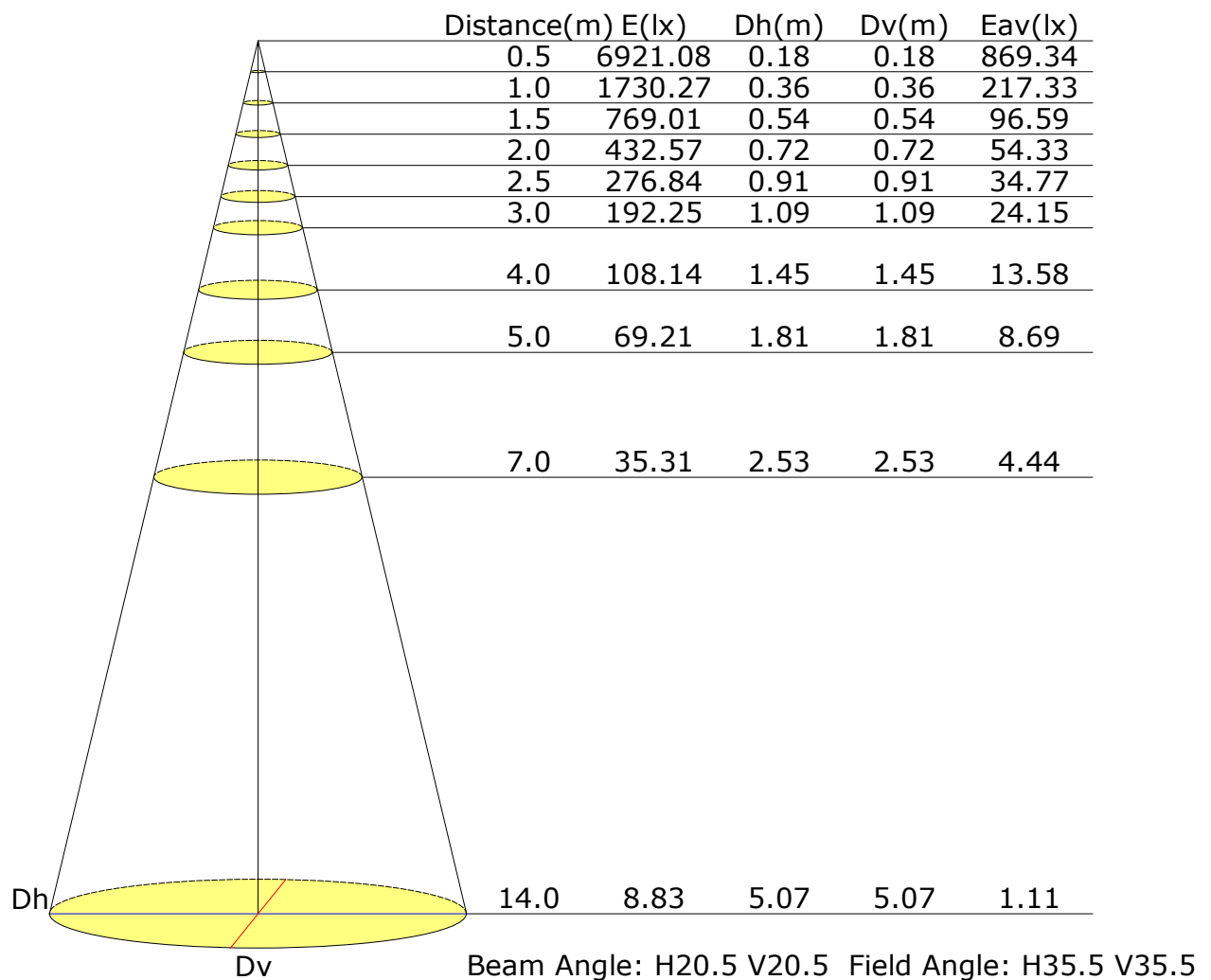


Mounting Height: 10m    Max Lux(100%): 17 lx			
— ( 1%):	0 lx	— ( 2%):	0 lx
— ( 5%):	1 lx	— ( 10%):	2 lx
— ( 20%):	3 lx	— ( 50%):	9 lx
— (100%):	17 lx		

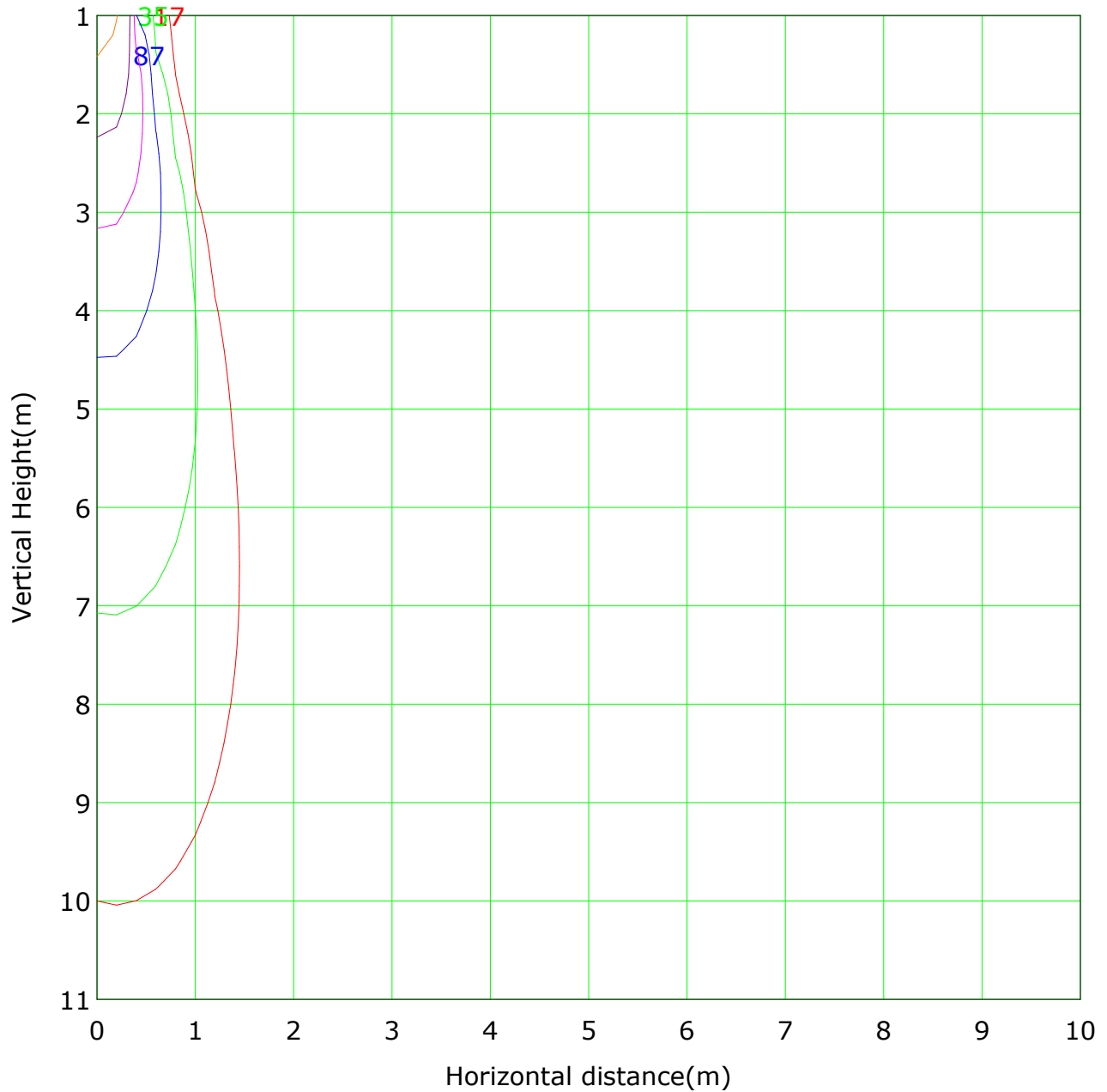
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



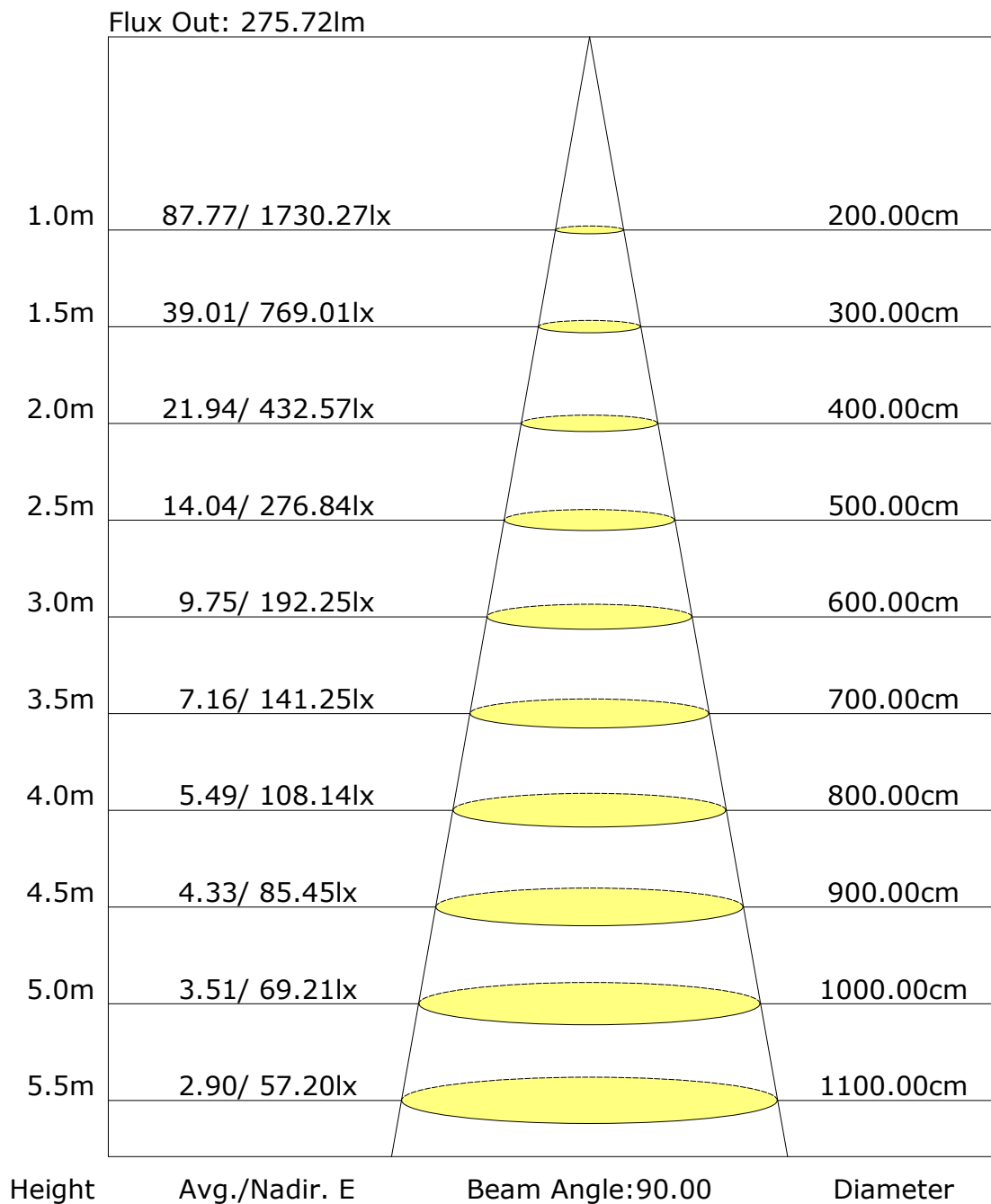
Lowest(m): 1m    Highest(m): 11    Max Lux: 1730

( 1%): 17 lx	( 2%): 35 lx
( 5%): 87 lx	( 10%): 173 lx
( 20%): 346 lx	( 50%): 865 lx
(100%): 1730 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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1724.1	1.6	1.6	0.59	0.59
1.0-2.0	1699.8	4.9	6.5	1.75	2.34
2.0-3.0	1655.7	7.9	14.4	2.84	5.18
3.0-4.0	1597.2	10.7	25.1	3.83	9.01
4.0-5.0	1523.3	13.1	38.2	4.70	13.71
5.0-6.0	1432.0	15.1	53.3	5.39	19.10
6.0-7.0	1328.0	16.5	69.8	5.91	25.01
7.0-8.0	1213.8	17.4	87.2	6.23	31.24
8.0-9.0	1091.3	17.7	104.8	6.34	37.58
9.0-10.0	965.2	17.5	122.3	6.26	43.84
10.0-11.0	838.7	16.8	139.1	6.01	49.84
11.0-12.0	715.8	15.6	154.7	5.61	55.45
12.0-13.0	600.5	14.3	169.0	5.11	60.56
13.0-14.0	495.5	12.7	181.7	4.55	65.11
14.0-15.0	402.0	11.0	192.7	3.96	69.06
15.0-16.0	321.3	9.4	202.1	3.38	72.44
16.0-17.0	253.7	7.9	210.0	2.83	75.27
17.0-18.0	198.9	6.6	216.6	2.35	77.62
18.0-19.0	156.7	5.5	222.0	1.95	79.57
19.0-20.0	125.7	4.6	226.6	1.65	81.22
20.0-21.0	103.4	4.0	230.6	1.42	82.65
21.0-22.0	87.3	3.5	234.1	1.26	83.90
22.0-23.0	75.7	3.2	237.3	1.14	85.04
23.0-24.0	66.9	2.9	240.2	1.05	86.09
24.0-25.0	59.9	2.7	242.9	0.98	87.07
25.0-26.0	53.8	2.5	245.5	0.91	87.98
26.0-27.0	48.4	2.4	247.9	0.85	88.83
27.0-28.0	43.8	2.2	250.1	0.79	89.62
28.0-29.0	39.6	2.1	252.1	0.74	90.36
29.0-30.0	35.9	1.9	254.1	0.69	91.06
30.0-31.0	32.6	1.8	255.9	0.65	91.71
31.0-32.0	30.1	1.7	257.6	0.62	92.32
32.0-33.0	28.0	1.6	259.3	0.59	92.92
33.0-34.0	26.5	1.6	260.9	0.57	93.49
34.0-35.0	25.3	1.6	262.4	0.56	94.05
35.0-36.0	23.9	1.5	264.0	0.55	94.60

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	23.2	1.5	265.5	0.54	95.14
37.0-38.0	22.2	1.5	267.0	0.53	95.67
38.0-39.0	20.8	1.4	268.4	0.51	96.18
39.0-40.0	20.0	1.4	269.8	0.50	96.68
40.0-41.0	18.9	1.3	271.1	0.48	97.16
41.0-42.0	17.7	1.3	272.4	0.46	97.63
42.0-43.0	16.5	1.2	273.6	0.44	98.06
43.0-44.0	14.9	1.1	274.7	0.40	98.47
44.0-45.0	12.7	1.0	275.7	0.35	98.81
45.0-46.0	10.3	0.8	276.5	0.29	99.10
46.0-47.0	7.8	0.6	277.1	0.22	99.33
47.0-48.0	5.7	0.5	277.6	0.16	99.49
48.0-49.0	4.1	0.3	277.9	0.12	99.61
49.0-50.0	3.1	0.3	278.2	0.09	99.70
50.0-51.0	2.5	0.2	278.4	0.08	99.78
51.0-52.0	2.1	0.2	278.6	0.06	99.85
52.0-53.0	1.6	0.1	278.7	0.05	99.90
53.0-54.0	1.3	0.1	278.9	0.04	99.94
54.0-55.0	0.9	0.1	278.9	0.03	99.97
55.0-56.0	0.6	0.1	279.0	0.02	99.98
56.0-57.0	0.3	0.0	279.0	0.01	99.99
57.0-58.0	0.1	0.0	279.0	0.00	100.00
58.0-59.0	0.0	0.0	279.0	0.00	100.00
59.0-60.0	0.0	0.0	279.0	0.00	100.00
60.0-61.0	0.0	0.0	279.0	0.00	100.00
61.0-62.0	0.0	0.0	279.0	0.00	100.00
62.0-63.0	0.0	0.0	279.0	0.00	100.00
63.0-64.0	0.0	0.0	279.0	0.00	100.00
64.0-65.0	0.0	0.0	279.0	0.00	100.00
65.0-66.0	0.0	0.0	279.0	0.00	100.00
66.0-67.0	0.0	0.0	279.0	0.00	100.00
67.0-68.0	0.0	0.0	279.0	0.00	100.00
68.0-69.0	0.0	0.0	279.0	0.00	100.00
69.0-70.0	0.0	0.0	279.0	0.00	100.00
70.0-71.0	0.0	0.0	279.0	0.00	100.00
71.0-72.0	0.0	0.0	279.0	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	1730.3	1730.3								
G1.0	1746.2	1689.5								
G2.0	1739.4	1624.3								
G3.0	1714.6	1544.7								
G4.0	1674.1	1455.3								
G5.0	1613.9	1349.9								
G6.0	1534.3	1230.0								
G7.0	1444.6	1103.2								
G8.0	1337.8	969.6								
G9.0	1220.8	837.1								
G10.0	1097.5	705.4								
G11.0	969.6	582.3								
G12.0	838.3	473.0								
G13.0	712.8	378.0								
G14.0	593.0	298.4								
G15.0	483.1	233.6								
G16.0	385.4	183.3								
G17.0	301.6	144.6								
G18.0	233.1	116.2								
G19.0	181.8	95.8								
G20.0	143.8	81.6								
G21.0	116.7	71.4								
G22.0	97.6	63.6								
G23.0	83.9	57.5								
G24.0	73.8	52.6								
G25.0	65.4	47.6								
G26.0	58.5	43.4								
G27.0	52.6	39.2								
G28.0	47.3	35.9								
G29.0	43.0	32.3								
G30.0	38.3	29.8								
G31.0	34.9	27.3								
G32.0	31.9	26.2								
G33.0	29.6	24.3								
G34.0	28.1	24.0								
G35.0	26.2	22.8								
G36.0	25.2	21.6								

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	24.6	21.6								
G38.0	22.6	19.9								
G39.0	21.6	19.2								
G40.0	20.8	18.4								
G41.0	19.3	17.2								
G42.0	18.7	15.6								
G43.0	17.4	14.2								
G44.0	15.9	12.0								
G45.0	14.1	8.8								
G46.0	11.5	6.6								
G47.0	8.5	4.6								
G48.0	6.0	3.4								
G49.0	4.3	2.7								
G50.0	3.3	2.3								
G51.0	2.7	2.0								
G52.0	2.3	1.4								
G53.0	2.0	1.0								
G54.0	1.4	0.8								
G55.0	1.0	0.4								
G56.0	0.8	0.0								
G57.0	0.4	0.0								
G58.0	0.2	0.0								
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: