

Report No.:

Test Time: 2025-05-04 10:56

Luminaire Property

Luminaire Category:

Luminaire Description: NOORLY 45 15D

Current: 0.065 A

Power Factor: 0.550

Voltage: 230.4 V

Power: 8.30 W

Photometric Results

CIE Class: Direct

Measurement Flux: 605.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H18.8

Vertical Diffuse Angle(50%): V18.8

Luminaire Efficacy Rating (LER): 73

Max. Intensity: 3972.96 cd

Total Rated Lamp Lumens: 605.6 lm

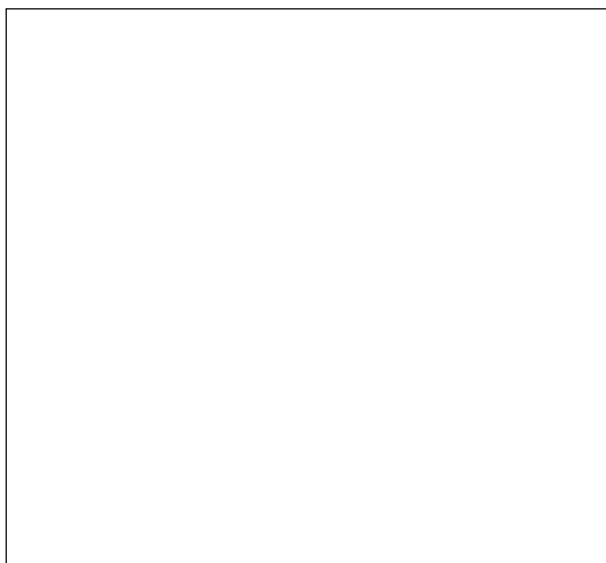
Efficiency: 100%

Upward Ratio: 0%

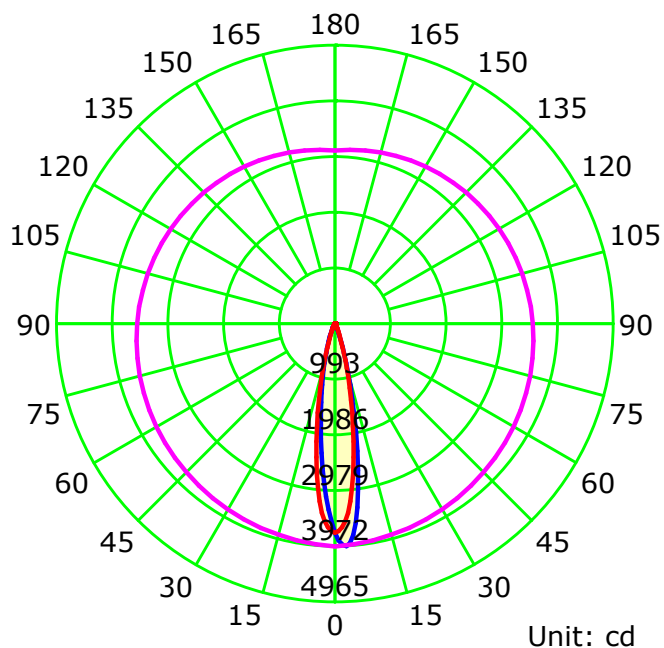
Central Intensity: 3727.69 cd

Pos of Max. Intensity: H0 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G3

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

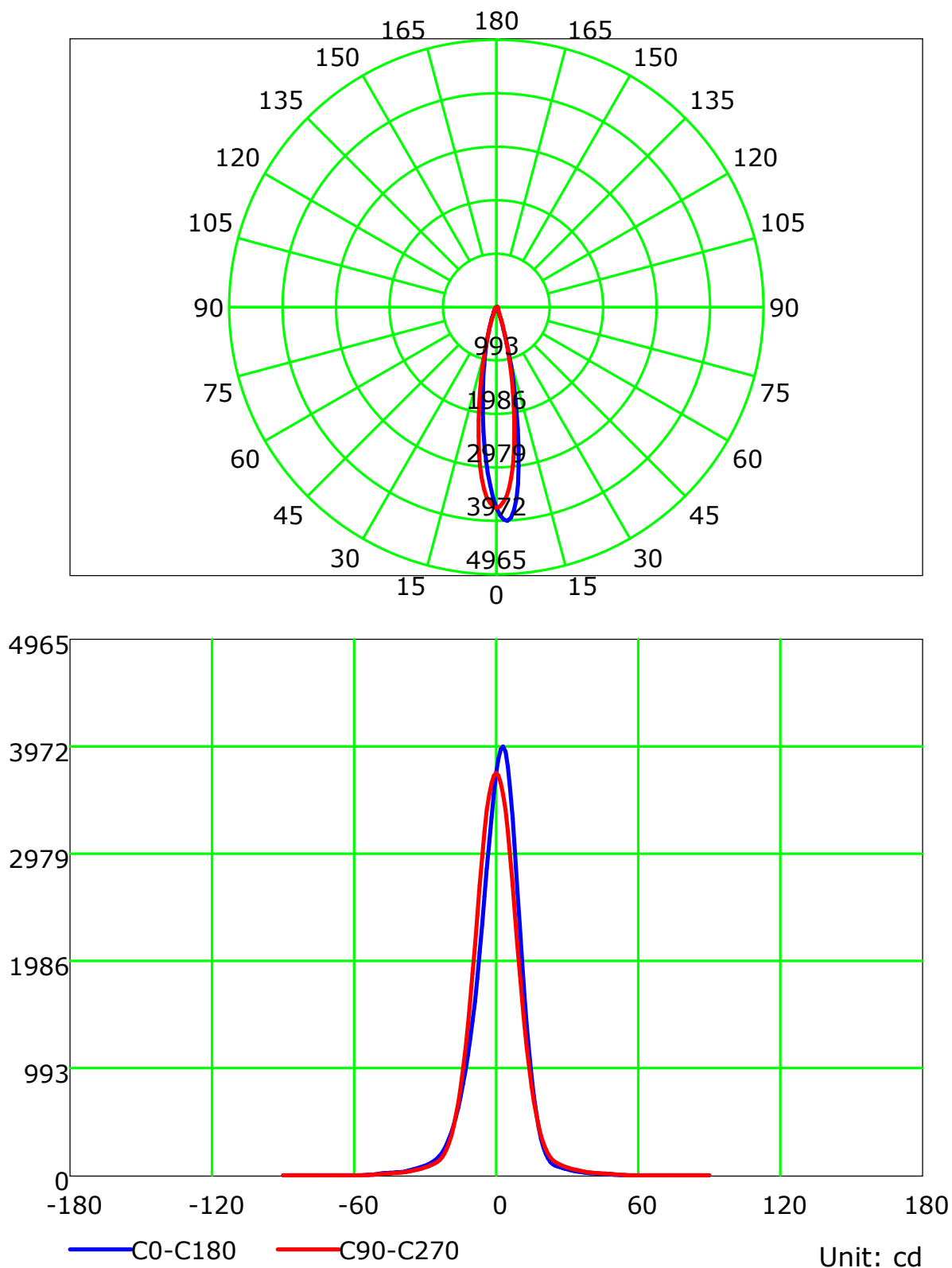
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

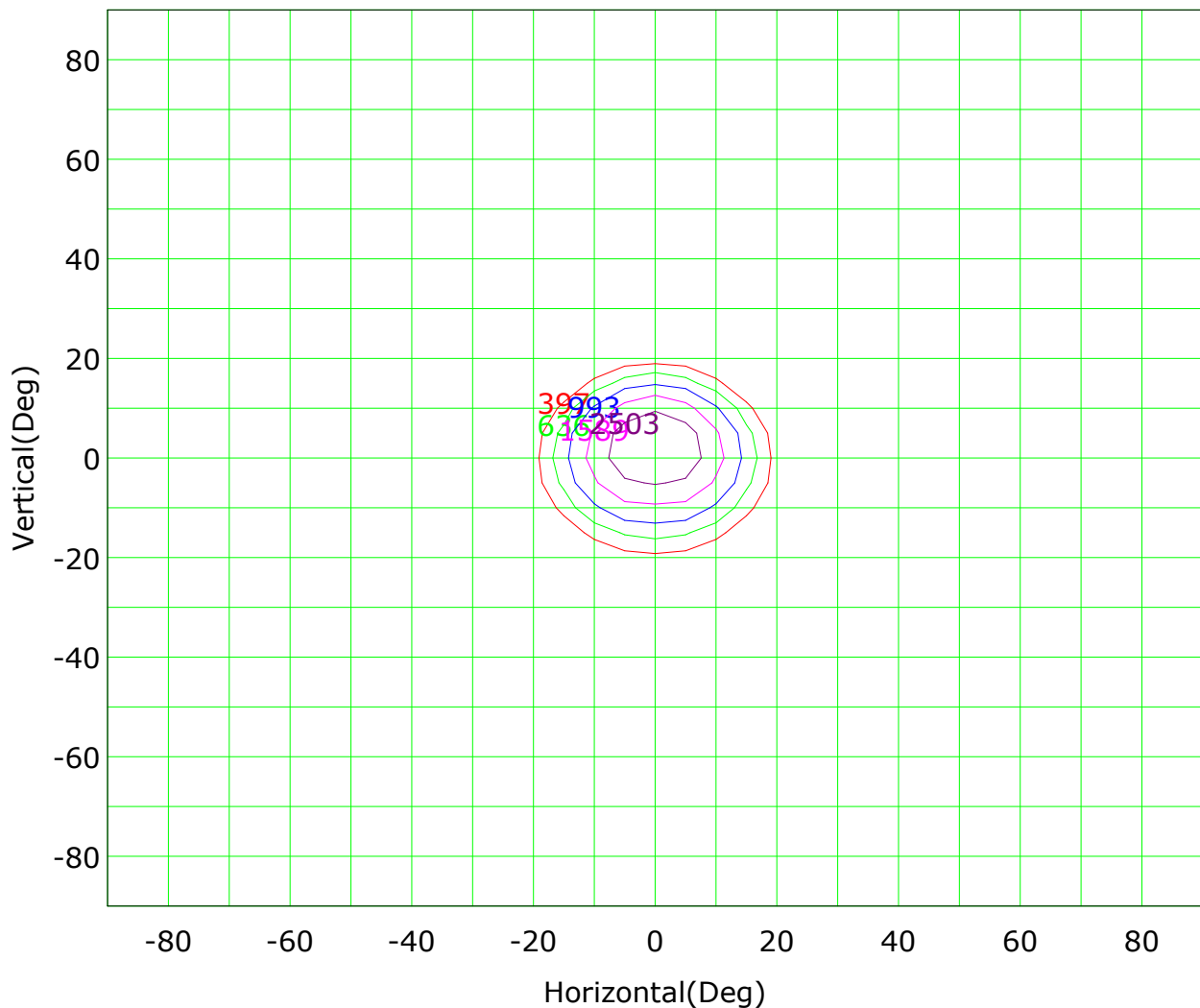
Luminous Intensity Distribution Curve



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%): 3973 cd

(10%): 397 cd	(16%): 636 cd
(25%): 993 cd	(40%): 1589 cd
(63%): 2503 cd	(100%): 3973 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

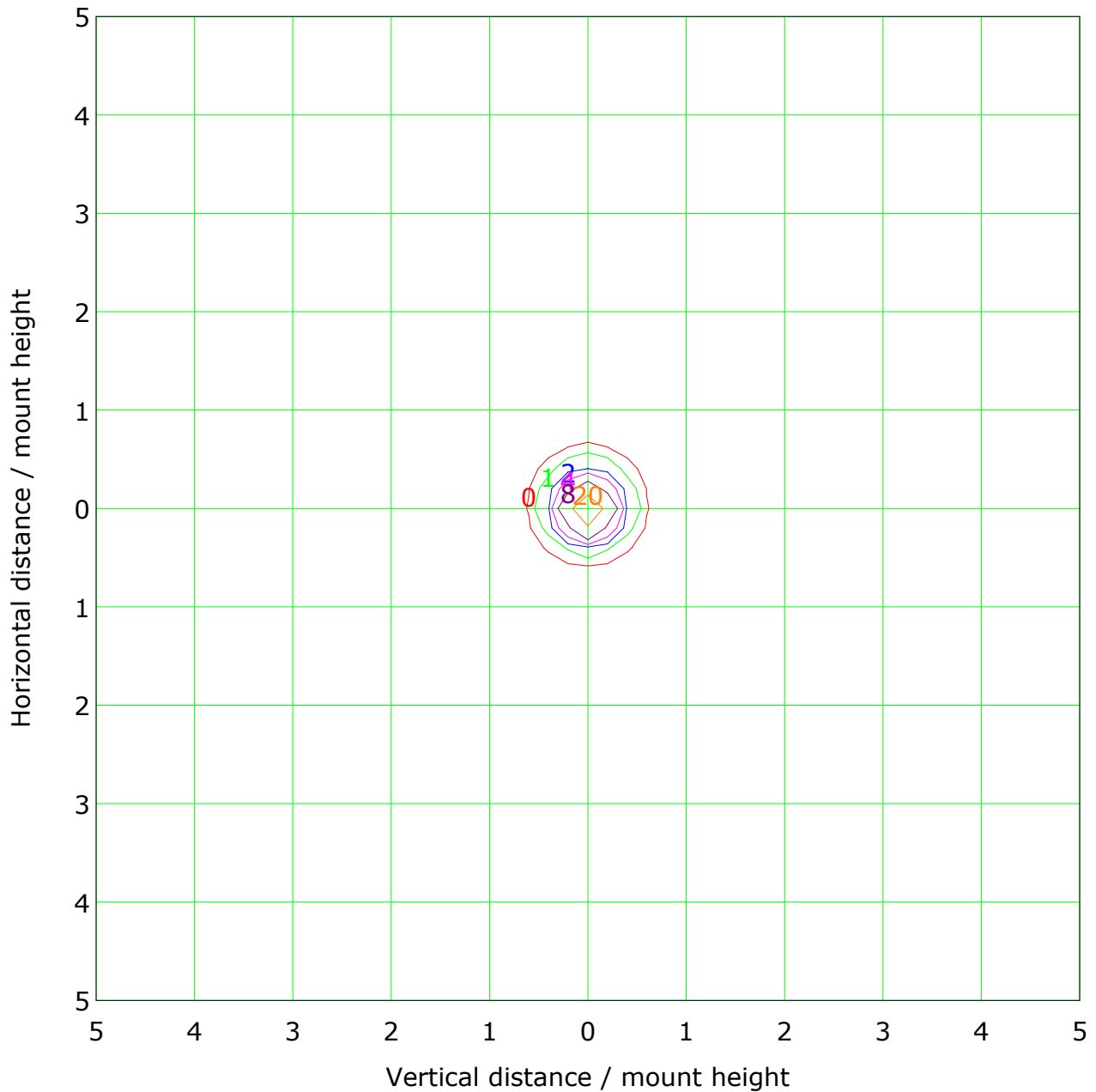
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 40 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	2 lx	(10%):	4 lx
(20%):	8 lx	(50%):	20 lx
(100%):	40 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

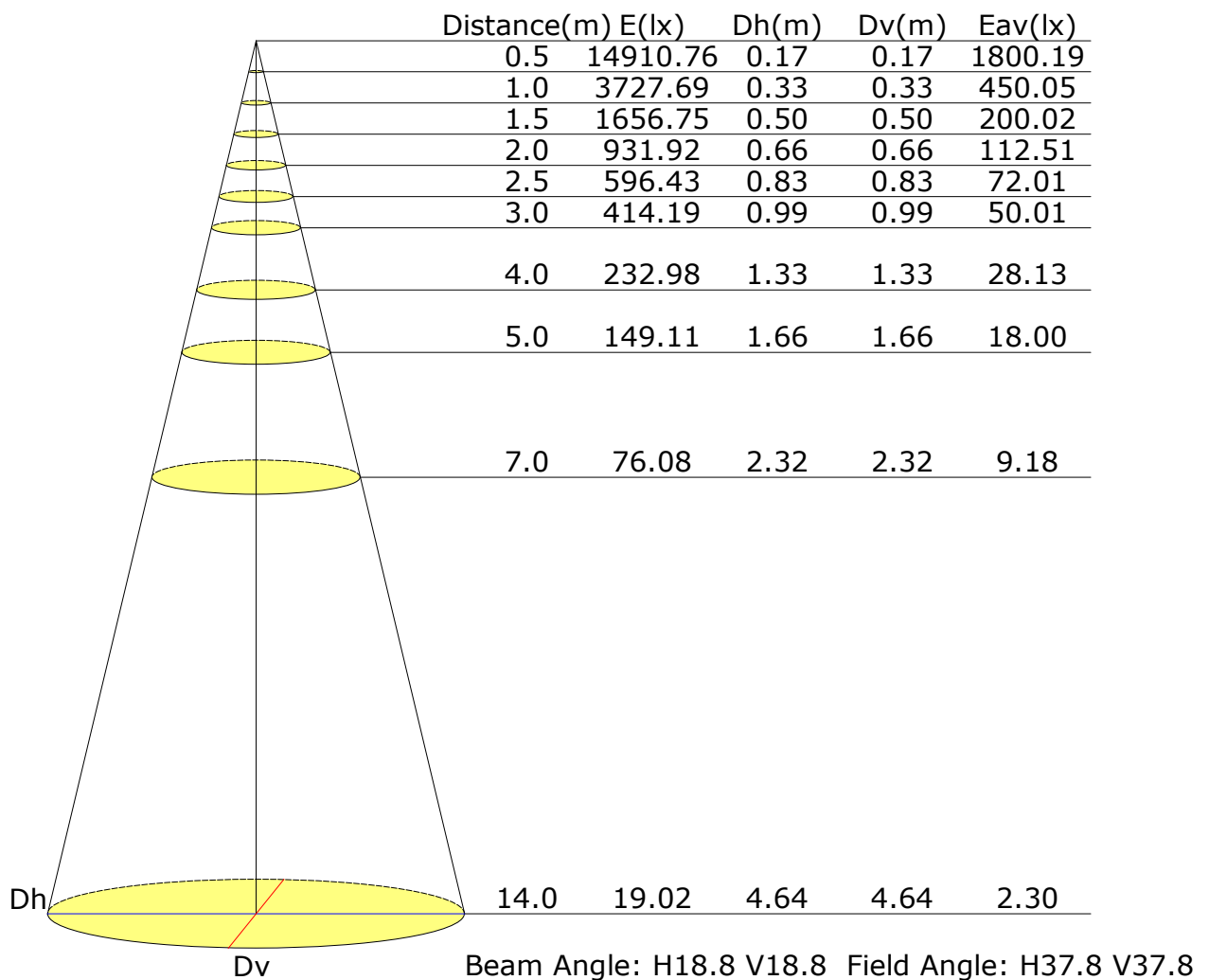
Test Device: CHL-6E

Distance: 3.655 m

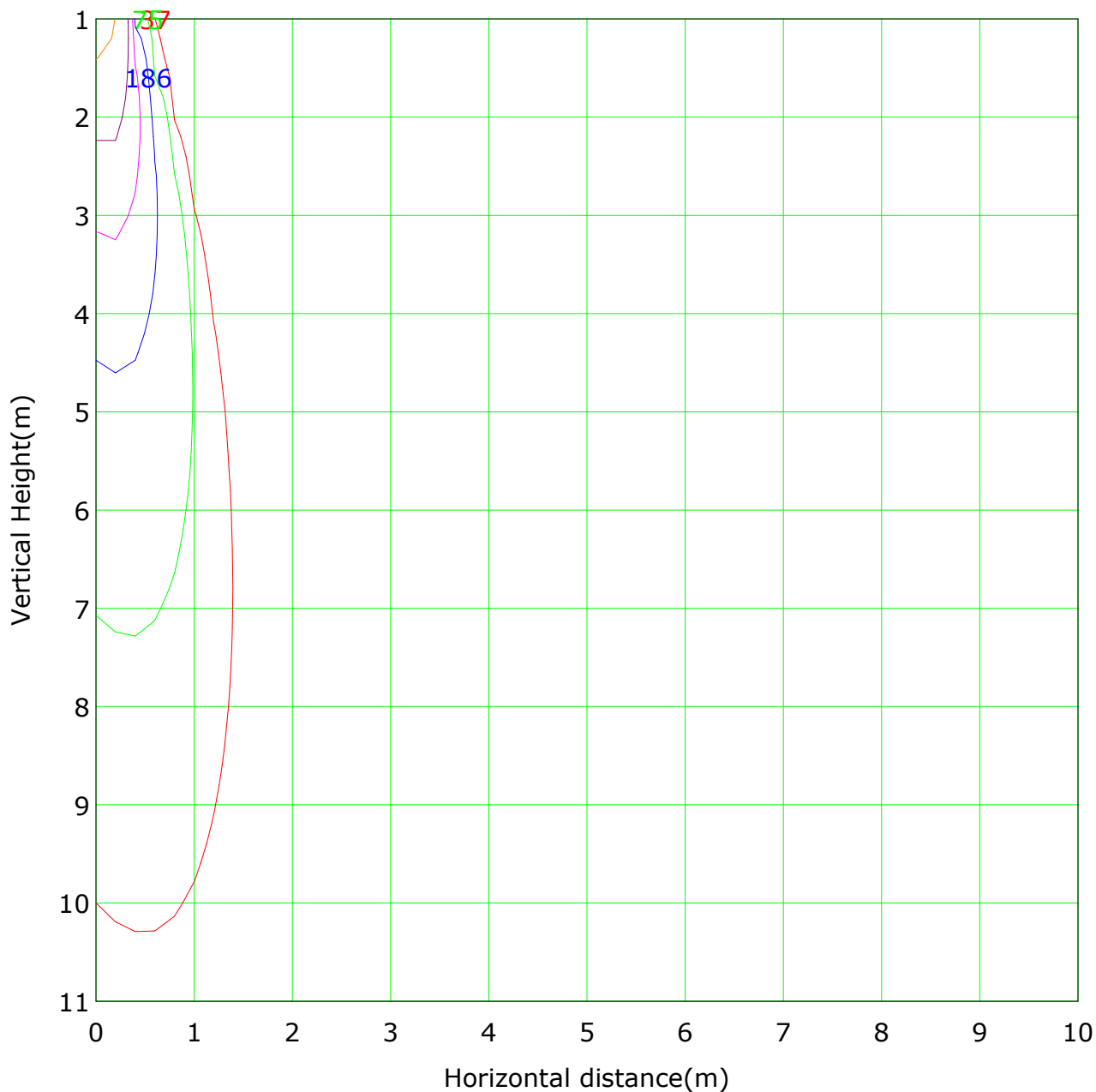
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



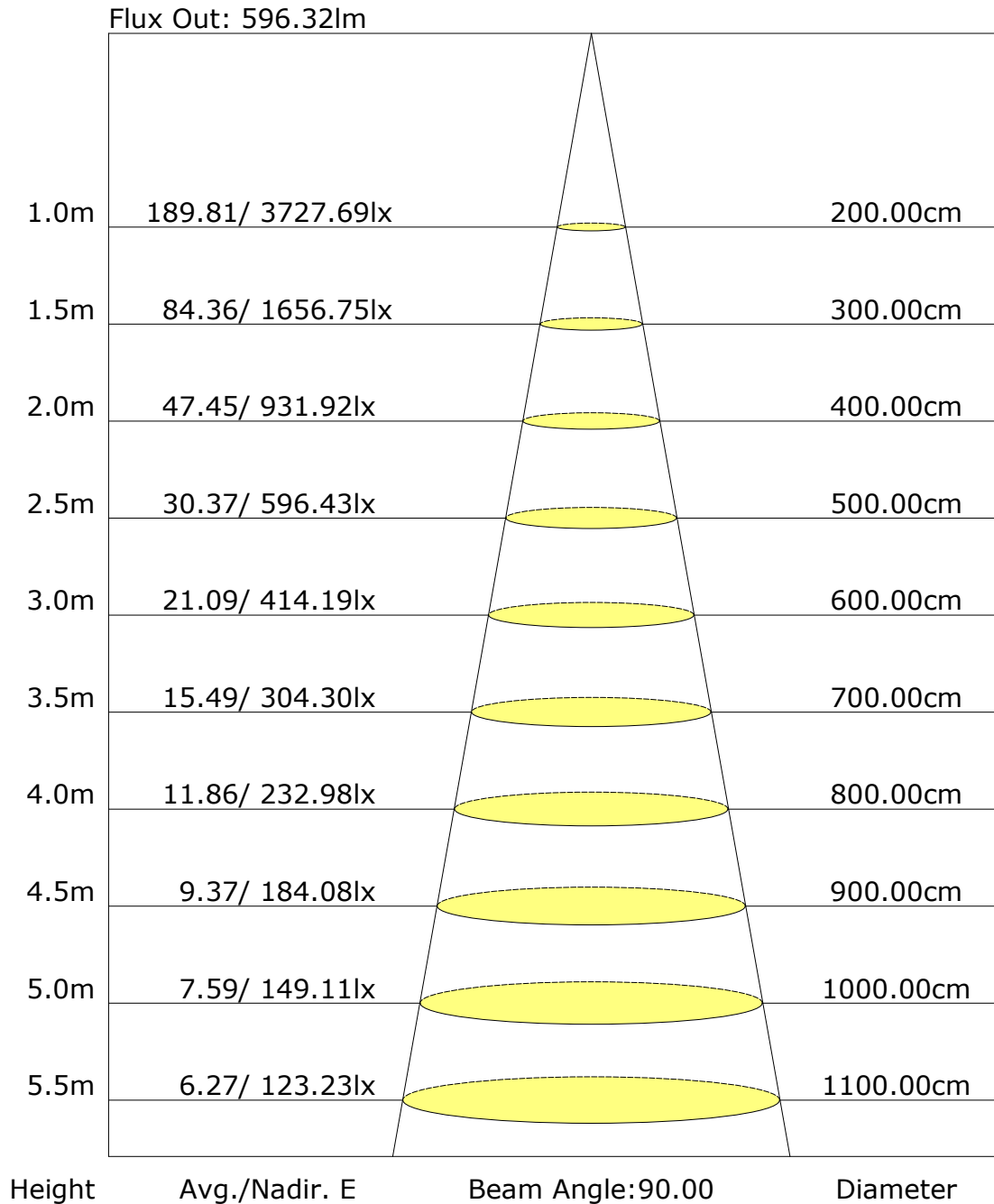
Lowest(m): 1m Highest(m): 11 Max Lux: 3728

(1%): 37 lx	(2%): 75 lx
(5%): 186 lx	(10%): 373 lx
(20%): 746 lx	(50%): 1864 lx
(100%): 3728 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	3715.5	3.6	3.6	0.59	0.59
1.0-2.0	3668.3	10.5	14.1	1.74	2.33
2.0-3.0	3582.1	17.1	31.2	2.83	5.16
3.0-4.0	3457.1	23.1	54.4	3.82	8.98
4.0-5.0	3283.9	28.3	82.6	4.67	13.64
5.0-6.0	3066.2	32.2	114.8	5.32	18.96
6.0-7.0	2816.5	35.0	149.8	5.77	24.74
7.0-8.0	2546.1	36.4	186.3	6.02	30.75
8.0-9.0	2268.9	36.8	223.0	6.07	36.83
9.0-10.0	1999.8	36.2	259.2	5.98	42.80
10.0-11.0	1745.1	34.9	294.1	5.76	48.56
11.0-12.0	1505.8	32.9	327.0	5.44	54.00
12.0-13.0	1286.7	30.5	357.6	5.04	59.04
13.0-14.0	1087.9	27.8	385.4	4.60	63.64
14.0-15.0	909.9	25.0	410.4	4.13	67.76
15.0-16.0	755.6	22.1	432.5	3.66	71.42
16.0-17.0	621.7	19.4	451.9	3.20	74.62
17.0-18.0	507.0	16.7	468.6	2.76	77.38
18.0-19.0	411.2	14.3	482.9	2.36	79.74
19.0-20.0	332.4	12.2	495.1	2.01	81.75
20.0-21.0	269.9	10.4	505.5	1.71	83.46
21.0-22.0	221.5	8.9	514.4	1.47	84.93
22.0-23.0	183.7	7.7	522.1	1.27	86.20
23.0-24.0	154.2	6.7	528.8	1.11	87.32
24.0-25.0	132.8	6.0	534.9	1.00	88.31
25.0-26.0	118.0	5.6	540.4	0.92	89.23
26.0-27.0	106.3	5.2	545.6	0.86	90.09
27.0-28.0	95.8	4.9	550.5	0.80	90.89
28.0-29.0	86.1	4.5	555.0	0.74	91.64
29.0-30.0	77.6	4.2	559.2	0.69	92.33
30.0-31.0	70.5	3.9	563.1	0.65	92.98
31.0-32.0	64.2	3.7	566.8	0.61	93.58
32.0-33.0	58.4	3.4	570.2	0.57	94.15
33.0-34.0	53.0	3.2	573.4	0.53	94.68
34.0-35.0	48.1	3.0	576.4	0.49	95.17
35.0-36.0	43.5	2.8	579.2	0.46	95.63

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	38.9	2.5	581.7	0.42	96.05
37.0-38.0	34.5	2.3	584.0	0.38	96.43
38.0-39.0	30.7	2.1	586.1	0.35	96.78
39.0-40.0	27.8	1.9	588.1	0.32	97.10
40.0-41.0	25.7	1.8	589.9	0.30	97.40
41.0-42.0	23.9	1.7	591.6	0.29	97.69
42.0-43.0	22.2	1.6	593.3	0.27	97.96
43.0-44.0	20.7	1.6	594.8	0.26	98.22
44.0-45.0	19.4	1.5	596.3	0.25	98.46
45.0-46.0	18.1	1.4	597.7	0.23	98.70
46.0-47.0	16.9	1.3	599.1	0.22	98.92
47.0-48.0	15.6	1.3	600.3	0.21	99.13
48.0-49.0	13.9	1.1	601.5	0.19	99.31
49.0-50.0	11.7	1.0	602.5	0.16	99.48
50.0-51.0	9.4	0.8	603.2	0.13	99.61
51.0-52.0	7.5	0.6	603.9	0.11	99.71
52.0-53.0	6.0	0.5	604.4	0.09	99.80
53.0-54.0	4.8	0.4	604.8	0.07	99.87
54.0-55.0	3.7	0.3	605.2	0.05	99.92
55.0-56.0	2.5	0.2	605.4	0.04	99.96
56.0-57.0	1.5	0.1	605.5	0.02	99.98
57.0-58.0	0.7	0.1	605.6	0.01	100.00
58.0-59.0	0.3	0.0	605.6	0.00	100.00
59.0-60.0	0.0	0.0	605.6	0.00	100.00
60.0-61.0	0.0	0.0	605.6	0.00	100.00
61.0-62.0	0.0	0.0	605.6	0.00	100.00
62.0-63.0	0.0	0.0	605.6	0.00	100.00
63.0-64.0	0.0	0.0	605.6	0.00	100.00
64.0-65.0	0.0	0.0	605.6	0.00	100.00
65.0-66.0	0.0	0.0	605.6	0.00	100.00
66.0-67.0	0.0	0.0	605.6	0.00	100.00
67.0-68.0	0.0	0.0	605.6	0.00	100.00
68.0-69.0	0.0	0.0	605.6	0.00	100.00
69.0-70.0	0.0	0.0	605.6	0.00	100.00
70.0-71.0	0.0	0.0	605.6	0.00	100.00
71.0-72.0	0.0	0.0	605.6	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	3727.7	3727.7								
G1.0	3864.3	3542.3								
G2.0	3947.4	3319.3								
G3.0	3973.0	3088.9								
G4.0	3923.6	2843.2								
G5.0	3784.9	2583.8								
G6.0	3574.2	2321.9								
G7.0	3303.9	2065.9								
G8.0	2988.0	1826.6								
G9.0	2647.7	1613.5								
G10.0	2308.4	1429.4								
G11.0	1977.9	1264.6								
G12.0	1666.3	1114.4								
G13.0	1388.3	977.7								
G14.0	1134.0	851.6								
G15.0	917.9	736.3								
G16.0	733.3	634.8								
G17.0	574.3	544.6								
G18.0	443.5	465.7								
G19.0	338.9	396.5								
G20.0	256.5	337.7								
G21.0	198.6	286.8								
G22.0	156.8	244.1								
G23.0	124.6	209.3								
G24.0	102.0	181.0								
G25.0	90.4	157.8								
G26.0	83.7	139.9								
G27.0	77.3	124.4								
G28.0	70.4	111.3								
G29.0	63.5	99.3								
G30.0	57.2	90.4								
G31.0	51.4	82.8								
G32.0	46.1	76.4								
G33.0	41.5	69.6								
G34.0	37.3	63.5								
G35.0	33.8	57.7								
G36.0	30.7	51.8								

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: 3.655 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C180.0								
G37.0	27.9	45.2								
G38.0	25.6	39.2								
G39.0	23.4	34.7								
G40.0	21.1	32.2								
G41.0	19.2	30.3								
G42.0	17.4	28.8								
G43.0	15.7	27.0								
G44.0	14.4	25.8								
G45.0	13.2	24.3								
G46.0	12.1	22.9								
G47.0	11.1	21.6								
G48.0	9.7	19.9								
G49.0	8.4	17.4								
G50.0	7.0	14.1								
G51.0	5.5	10.9								
G52.0	4.2	9.3								
G53.0	2.8	7.6								
G54.0	2.4	6.1								
G55.0	1.8	4.3								
G56.0	1.2	2.8								
G57.0	0.4	1.6								
G58.0	0.2	0.8								
G59.0	0.0	0.2								
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: