

Report No.:

Test Time: 2025-05-04 11:50

Luminaire Property

Luminaire Category:

Luminaire Description: NOORLY 35 24D

Current: 0.046 A

Power Factor: 0.589

Voltage: 224.2 V

Power: 6.10 W

Photometric Results

CIE Class: Direct

Measurement Flux: 288 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H26.7

Vertical Diffuse Angle(50%): V26.7

Luminaire Efficacy Rating (LER): 47

Max. Intensity: 1093.87 cd

Total Rated Lamp Lumens: 288.0 lm

Efficiency: 100%

Upward Ratio: 0%

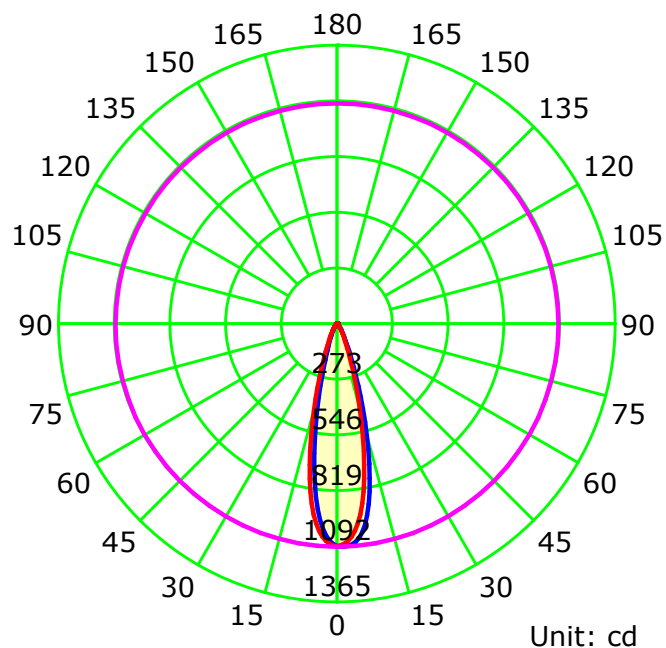
Central Intensity: 1091.02 cd

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

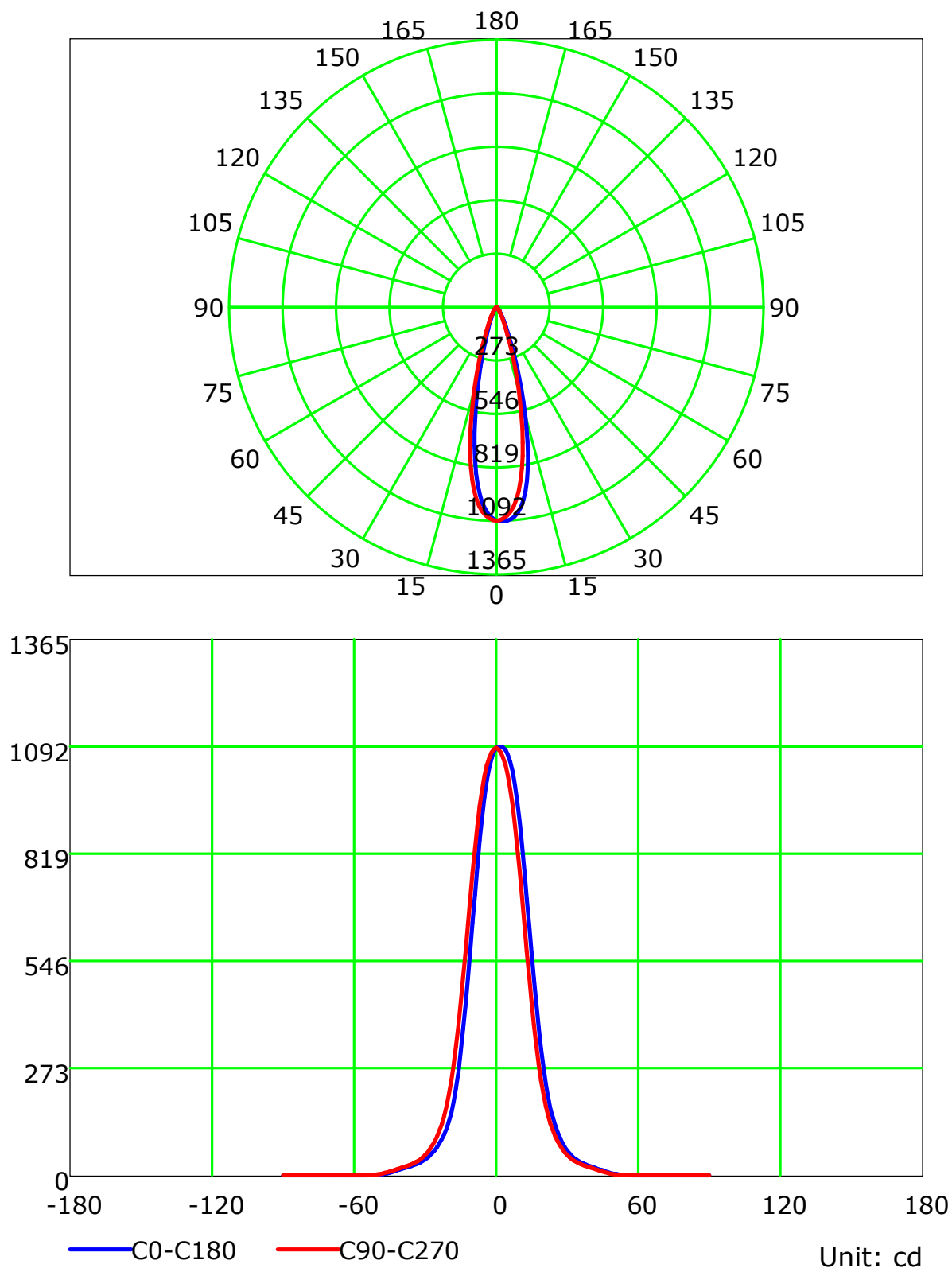
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

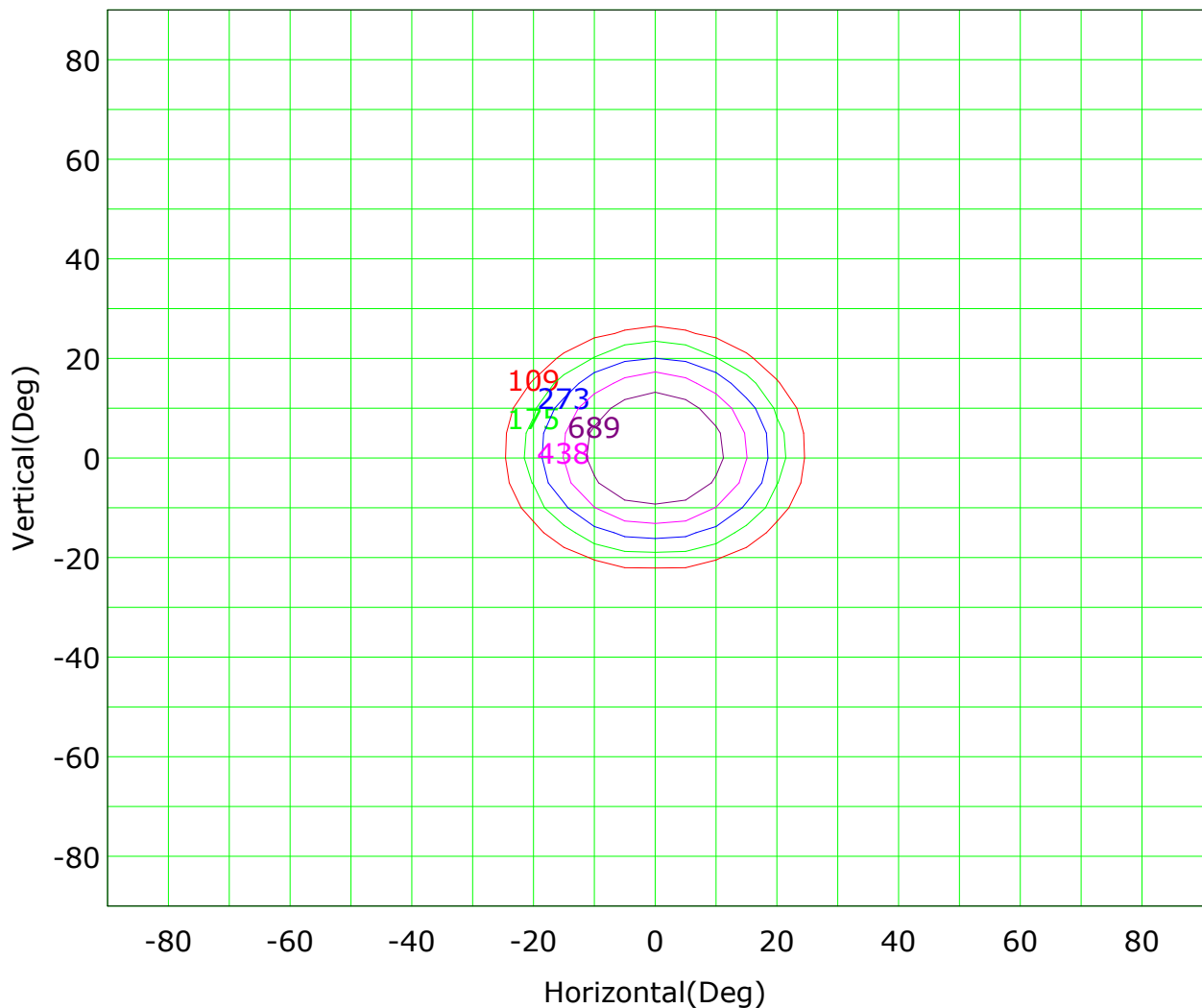
Luminous Intensity Distribution Curve



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%): 1094 cd

(10%): 109 cd	(16%): 175 cd
(25%): 273 cd	(40%): 438 cd
(63%): 689 cd	(100%): 1094 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

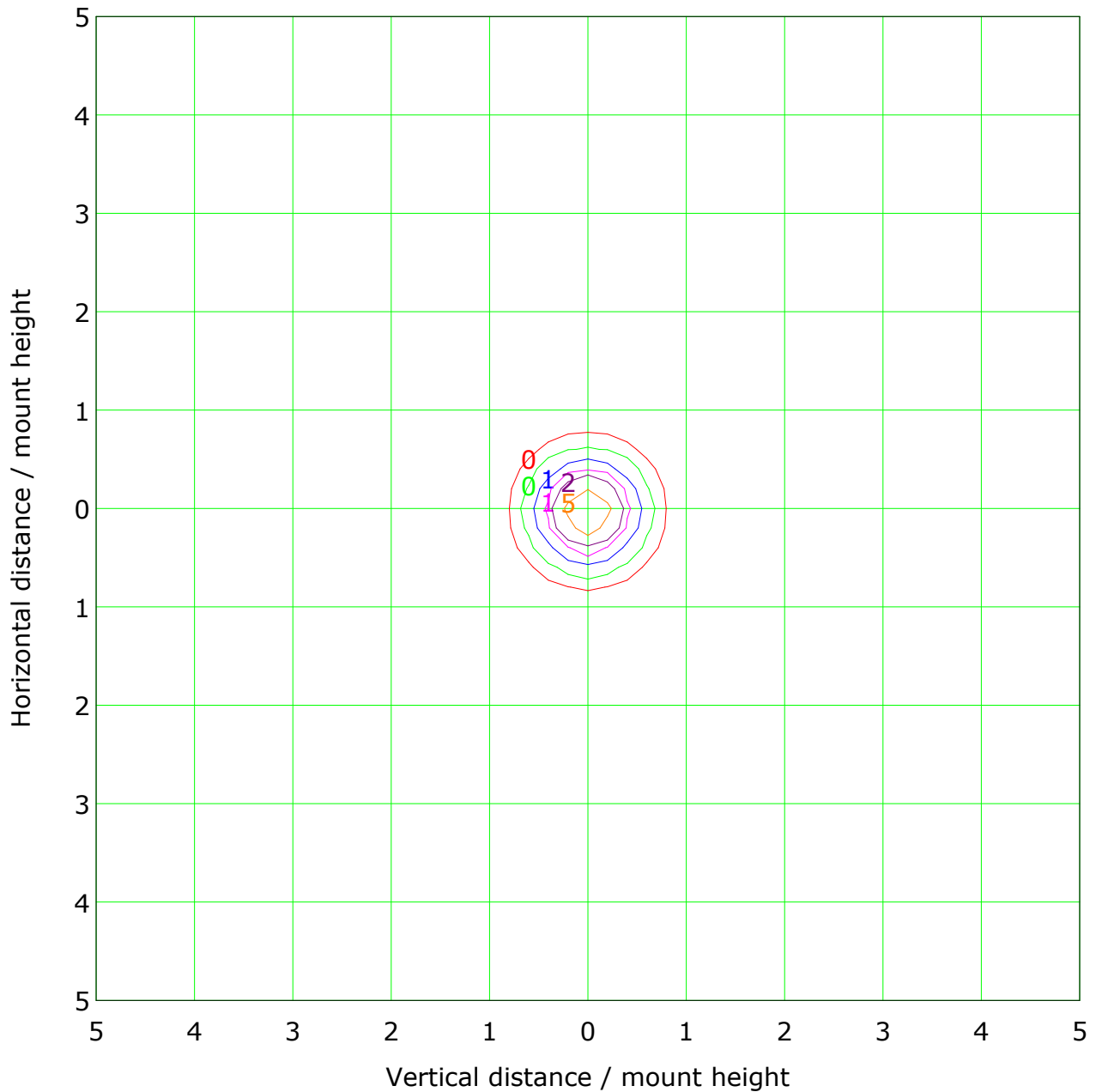
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

IsoLux Plot

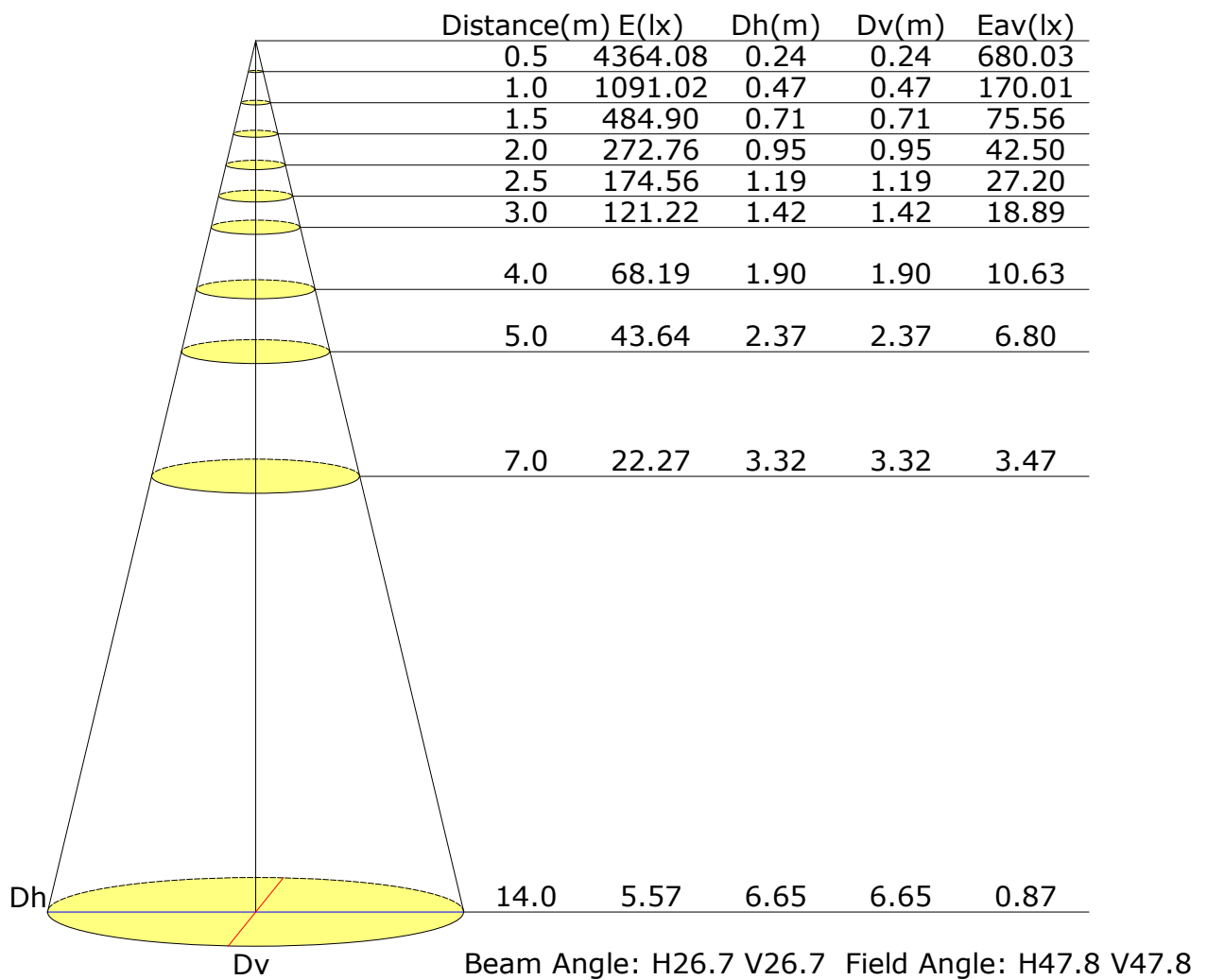


Mounting Height: 10m Max Lux(100%): 11 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	1 lx
— (20%):	2 lx	— (50%):	5 lx
— (100%):	11 lx		

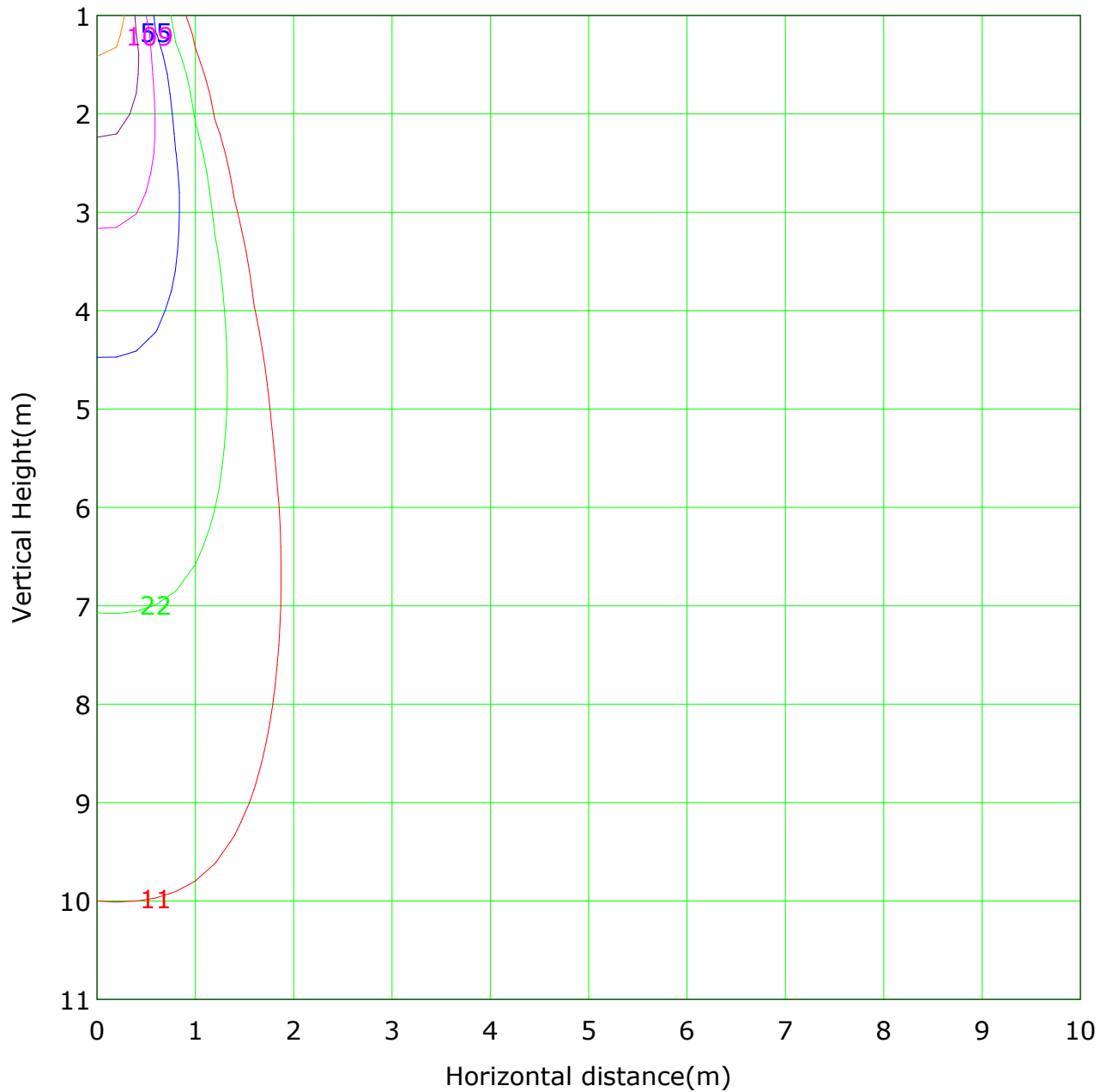
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

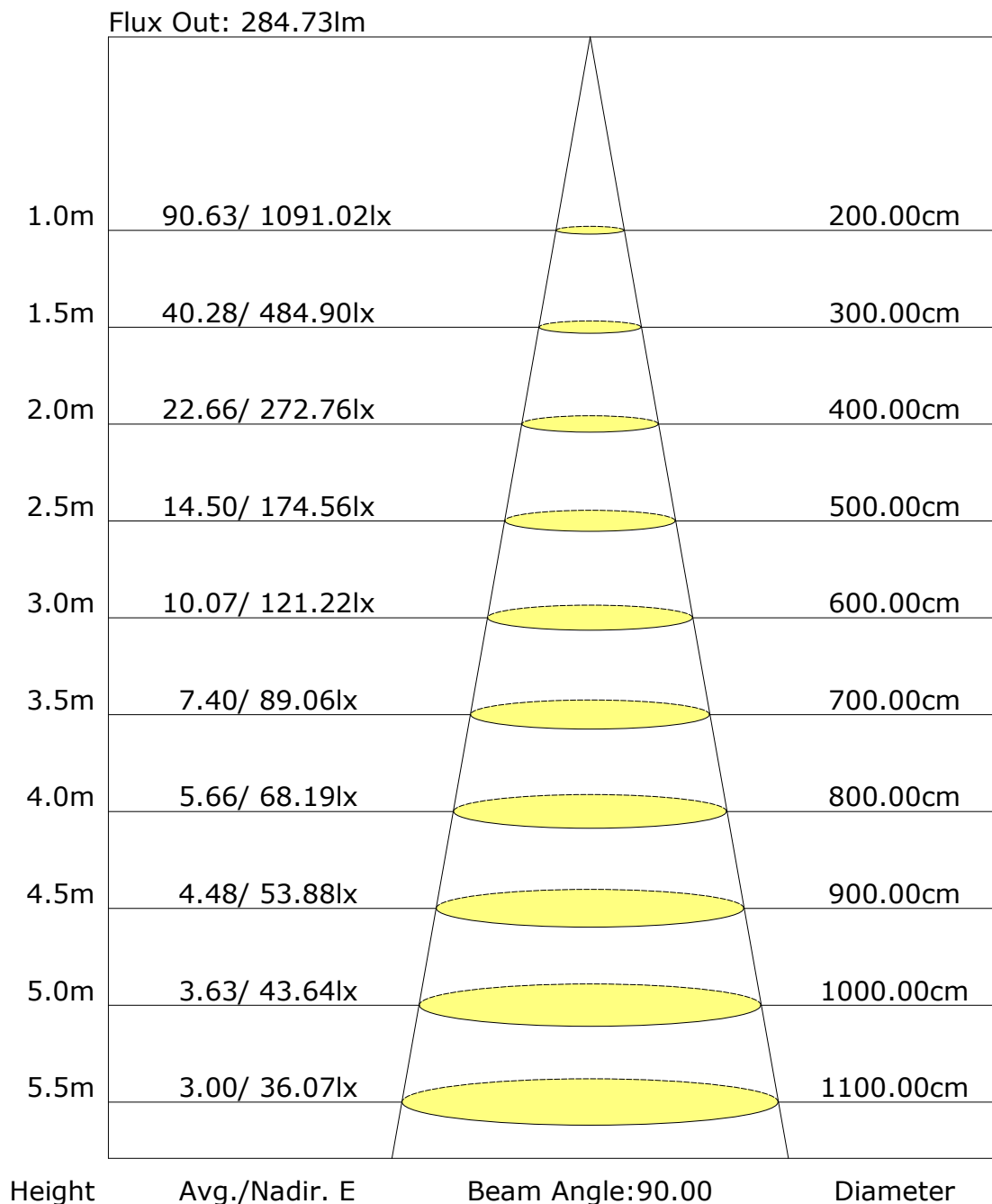


Lowest(m): 1m Highest(m): 11 Max Lux: 1091	
(1%): 11 lx	(2%): 22 lx
(5%): 55 lx	(10%): 109 lx
(20%): 218 lx	(50%): 546 lx
(100%): 1091 lx	

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	1089.0	1.0	1.0	0.36	0.36
1.0-2.0	1083.1	3.1	4.2	1.08	1.44
2.0-3.0	1072.5	5.1	9.3	1.78	3.22
3.0-4.0	1056.0	7.1	16.4	2.45	5.68
4.0-5.0	1032.8	8.9	25.2	3.09	8.76
5.0-6.0	1002.3	10.5	35.8	3.66	12.42
6.0-7.0	963.7	12.0	47.7	4.15	16.58
7.0-8.0	916.4	13.1	60.9	4.55	21.13
8.0-9.0	862.5	14.0	74.8	4.85	25.98
9.0-10.0	803.3	14.5	89.4	5.05	31.03
10.0-11.0	738.8	14.8	104.1	5.13	36.16
11.0-12.0	672.3	14.7	118.8	5.10	41.26
12.0-13.0	604.9	14.4	133.2	4.99	46.25
13.0-14.0	537.8	13.8	147.0	4.78	51.03
14.0-15.0	473.7	13.0	160.0	4.52	55.55
15.0-16.0	413.3	12.1	172.1	4.21	59.75
16.0-17.0	356.8	11.1	183.2	3.86	63.61
17.0-18.0	306.1	10.1	193.3	3.51	67.12
18.0-19.0	262.2	9.1	202.4	3.17	70.28
19.0-20.0	224.0	8.2	210.6	2.85	73.13
20.0-21.0	191.4	7.4	218.0	2.55	75.68
21.0-22.0	164.4	6.6	224.6	2.29	77.98
22.0-23.0	141.8	6.0	230.5	2.07	80.05
23.0-24.0	123.1	5.4	235.9	1.87	81.91
24.0-25.0	107.4	4.9	240.8	1.70	83.61
25.0-26.0	93.7	4.4	245.2	1.54	85.15
26.0-27.0	81.9	4.0	249.2	1.39	86.54
27.0-28.0	71.8	3.6	252.9	1.26	87.80
28.0-29.0	63.0	3.3	256.2	1.15	88.95
29.0-30.0	55.6	3.0	259.2	1.04	89.99
30.0-31.0	49.5	2.8	261.9	0.96	90.94
31.0-32.0	44.1	2.5	264.4	0.88	91.82
32.0-33.0	39.6	2.3	266.8	0.81	92.63
33.0-34.0	35.8	2.2	268.9	0.75	93.38
34.0-35.0	32.5	2.0	271.0	0.70	94.09
35.0-36.0	29.7	1.9	272.8	0.66	94.74

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	27.2	1.8	274.6	0.62	95.36
37.0-38.0	24.9	1.7	276.3	0.58	95.94
38.0-39.0	22.8	1.6	277.8	0.54	96.48
39.0-40.0	20.6	1.4	279.3	0.50	96.98
40.0-41.0	18.7	1.3	280.6	0.46	97.44
41.0-42.0	16.8	1.2	281.8	0.43	97.86
42.0-43.0	14.9	1.1	282.9	0.38	98.25
43.0-44.0	12.7	1.0	283.9	0.33	98.58
44.0-45.0	10.8	0.8	284.7	0.29	98.87
45.0-46.0	9.0	0.7	285.4	0.25	99.11
46.0-47.0	7.3	0.6	286.0	0.20	99.31
47.0-48.0	5.8	0.5	286.5	0.16	99.48
48.0-49.0	4.4	0.4	286.8	0.12	99.60
49.0-50.0	3.4	0.3	287.1	0.10	99.70
50.0-51.0	2.7	0.2	287.4	0.08	99.78
51.0-52.0	2.1	0.2	287.5	0.06	99.84
52.0-53.0	1.6	0.1	287.7	0.05	99.89
53.0-54.0	1.2	0.1	287.8	0.04	99.93
54.0-55.0	0.9	0.1	287.9	0.03	99.96
55.0-56.0	0.7	0.1	287.9	0.02	99.98
56.0-57.0	0.4	0.0	288.0	0.01	99.99
57.0-58.0	0.2	0.0	288.0	0.01	100.00
58.0-59.0	0.0	0.0	288.0	0.00	100.00
59.0-60.0	0.0	0.0	288.0	0.00	100.00
60.0-61.0	0.0	0.0	288.0	0.00	100.00
61.0-62.0	0.0	0.0	288.0	0.00	100.00
62.0-63.0	0.0	0.0	288.0	0.00	100.00
63.0-64.0	0.0	0.0	288.0	0.00	100.00
64.0-65.0	0.0	0.0	288.0	0.00	100.00
65.0-66.0	0.0	0.0	288.0	0.00	100.00
66.0-67.0	0.0	0.0	288.0	0.00	100.00
67.0-68.0	0.0	0.0	288.0	0.00	100.00
68.0-69.0	0.0	0.0	288.0	0.00	100.00
69.0-70.0	0.0	0.0	288.0	0.00	100.00
70.0-71.0	0.0	0.0	288.0	0.00	100.00
71.0-72.0	0.0	0.0	288.0	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	1091.0	1091.0								
G1.0	1093.9	1080.2								
G2.0	1093.9	1064.5								
G3.0	1091.3	1040.1								
G4.0	1085.2	1007.5								
G5.0	1072.9	965.7								
G6.0	1055.4	915.2								
G7.0	1029.3	855.0								
G8.0	994.1	787.2								
G9.0	951.8	716.8								
G10.0	898.9	645.5								
G11.0	839.0	571.9								
G12.0	775.8	502.7								
G13.0	705.4	435.8								
G14.0	636.5	373.5								
G15.0	568.0	317.0								
G16.0	503.3	264.9								
G17.0	436.8	222.4								
G18.0	377.5	187.8								
G19.0	324.0	159.5								
G20.0	275.2	137.3								
G21.0	233.6	119.5								
G22.0	199.5	105.0								
G23.0	169.5	93.3								
G24.0	147.2	82.2								
G25.0	127.7	72.3								
G26.0	110.7	64.2								
G27.0	95.7	57.2								
G28.0	83.1	51.1								
G29.0	72.6	45.4								
G30.0	63.6	40.7								
G31.0	56.3	37.1								
G32.0	49.6	33.5								
G33.0	44.2	31.0								
G34.0	39.7	28.5								
G35.0	35.9	26.1								
G36.0	32.9	24.0								

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:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C180.0								
G37.0	30.0	22.0								
G38.0	27.5	20.2								
G39.0	25.0	18.3								
G40.0	22.8	16.5								
G41.0	20.8	14.7								
G42.0	18.9	13.0								
G43.0	16.8	10.8								
G44.0	14.7	8.7								
G45.0	13.0	6.9								
G46.0	10.8	5.4								
G47.0	8.8	4.2								
G48.0	6.9	3.1								
G49.0	5.1	2.4								
G50.0	4.2	2.0								
G51.0	3.3	1.5								
G52.0	2.4	1.2								
G53.0	2.3	0.8								
G54.0	1.6	0.2								
G55.0	1.5	0.2								
G56.0	1.0	0.0								
G57.0	0.8	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: