

Report No.:

Test Time: 2025-05-04 14:25

## Luminaire Property

Luminaire Category:

Luminaire Description: NOORLY 35 50D

Current: 0.046 A

Power Factor: 0.566

Voltage: 233.5 V

Power: 6.10 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 283.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H53.5

Vertical Diffuse Angle(50%): V53.5

Luminaire Efficacy Rating (LER): 47

Max. Intensity: 342.93 cd

Total Rated Lamp Lumens: 283.7 lm

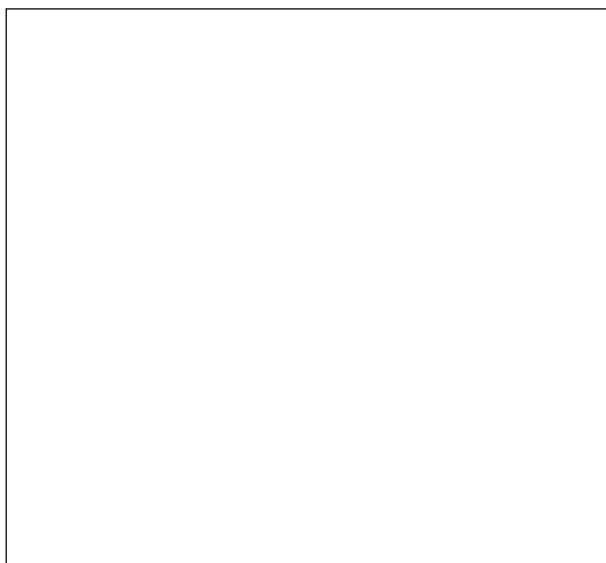
Efficiency: 100%

Upward Ratio: 0%

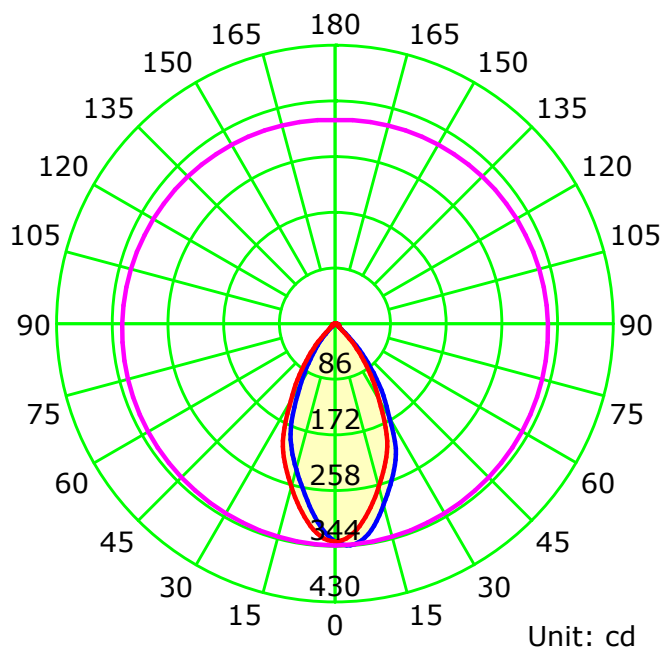
Central Intensity: 336.38 cd

Pos of Max. Intensity: H0 V4

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G4

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

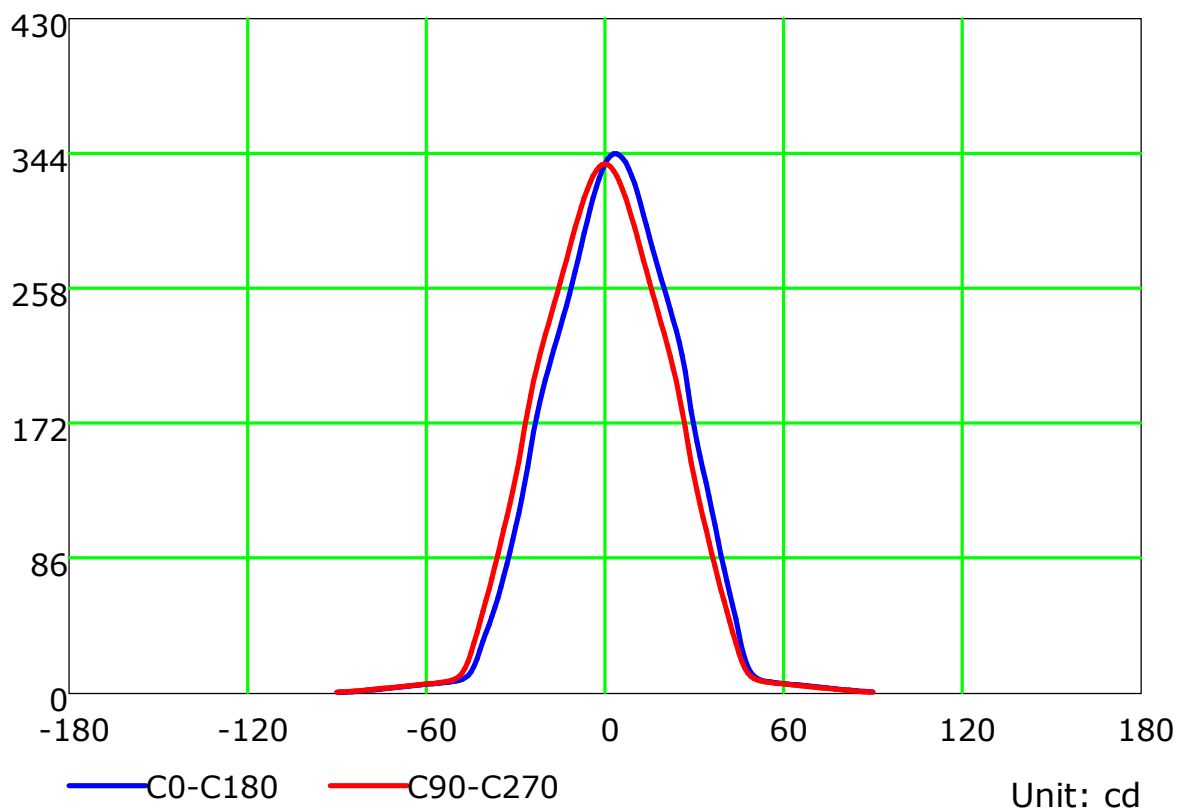
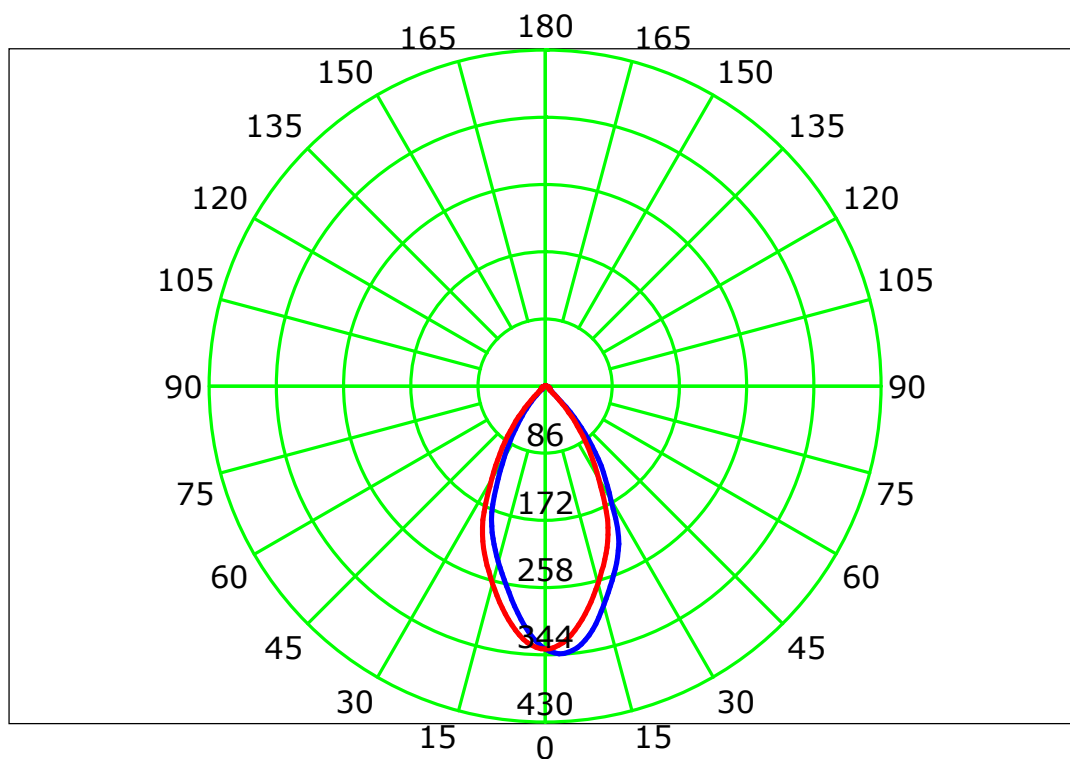
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

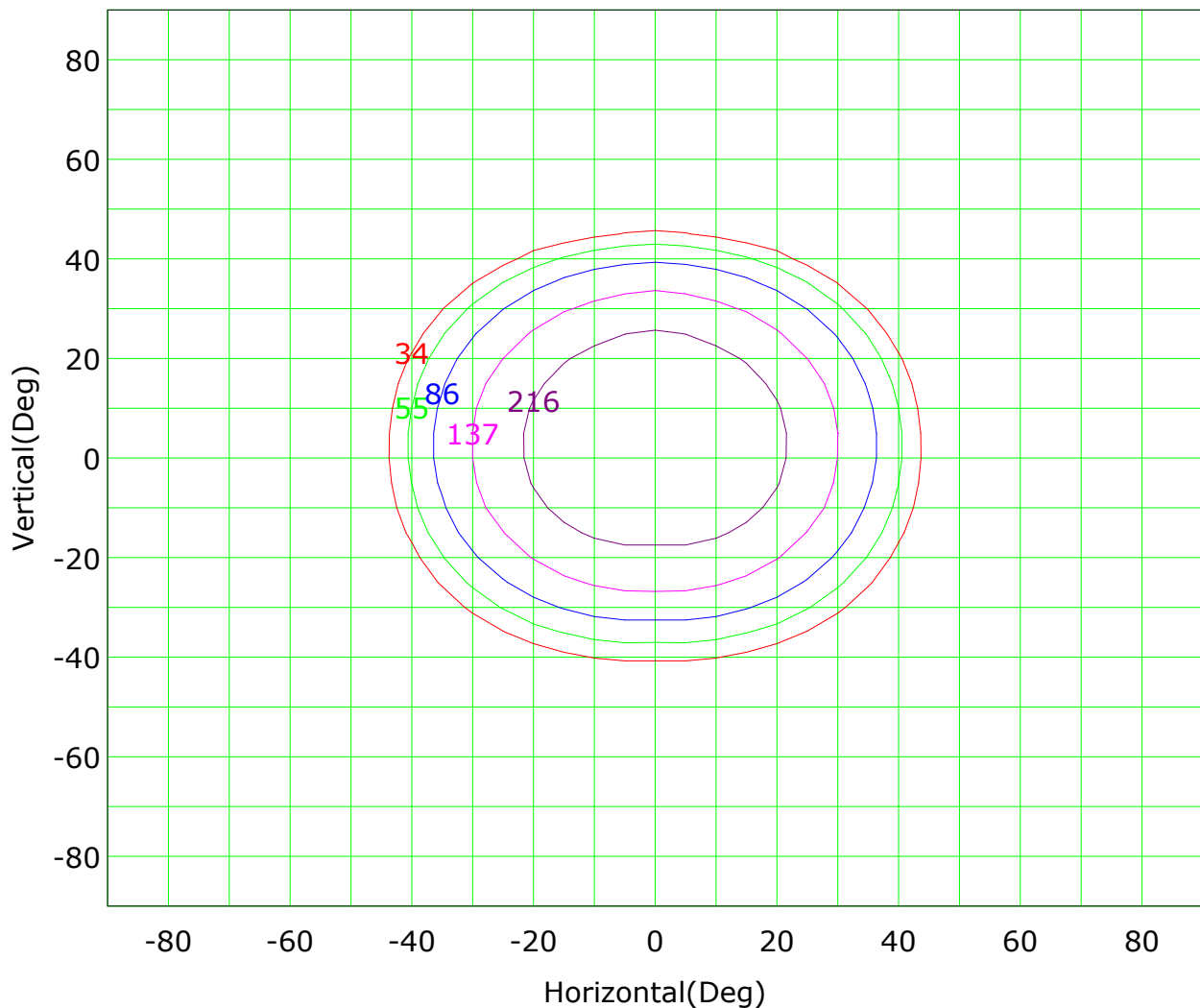
## Luminous Intensity Distribution Curve



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%): 343 cd

( 10%):	34 cd	( 16%):	55 cd
( 25%):	86 cd	( 40%):	137 cd
( 63%):	216 cd	(100%):	343 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

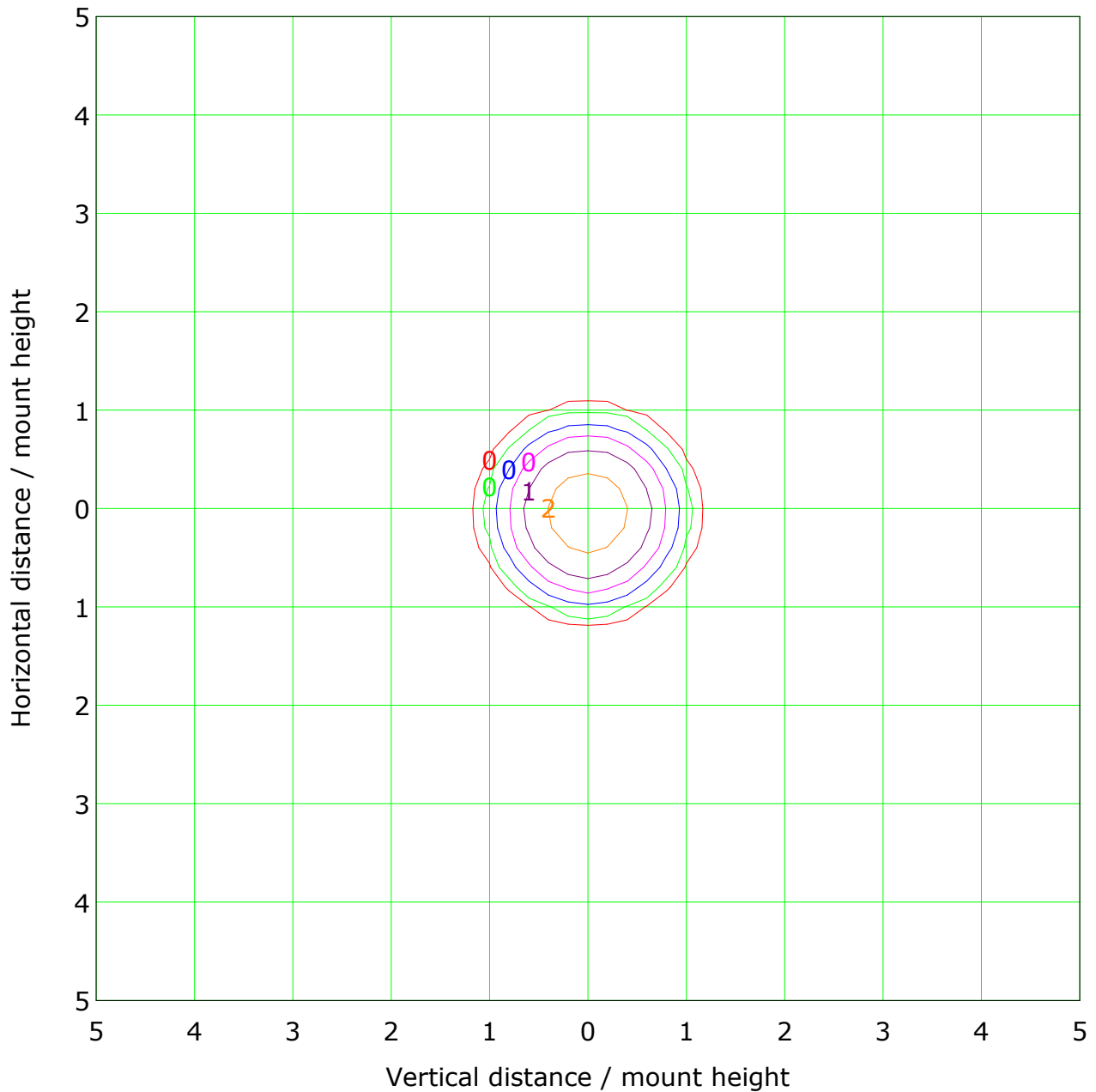
Test Device: CHL-6E

Distance: 3.655 m

Humidity:

Inspector:

## IsoLux Plot

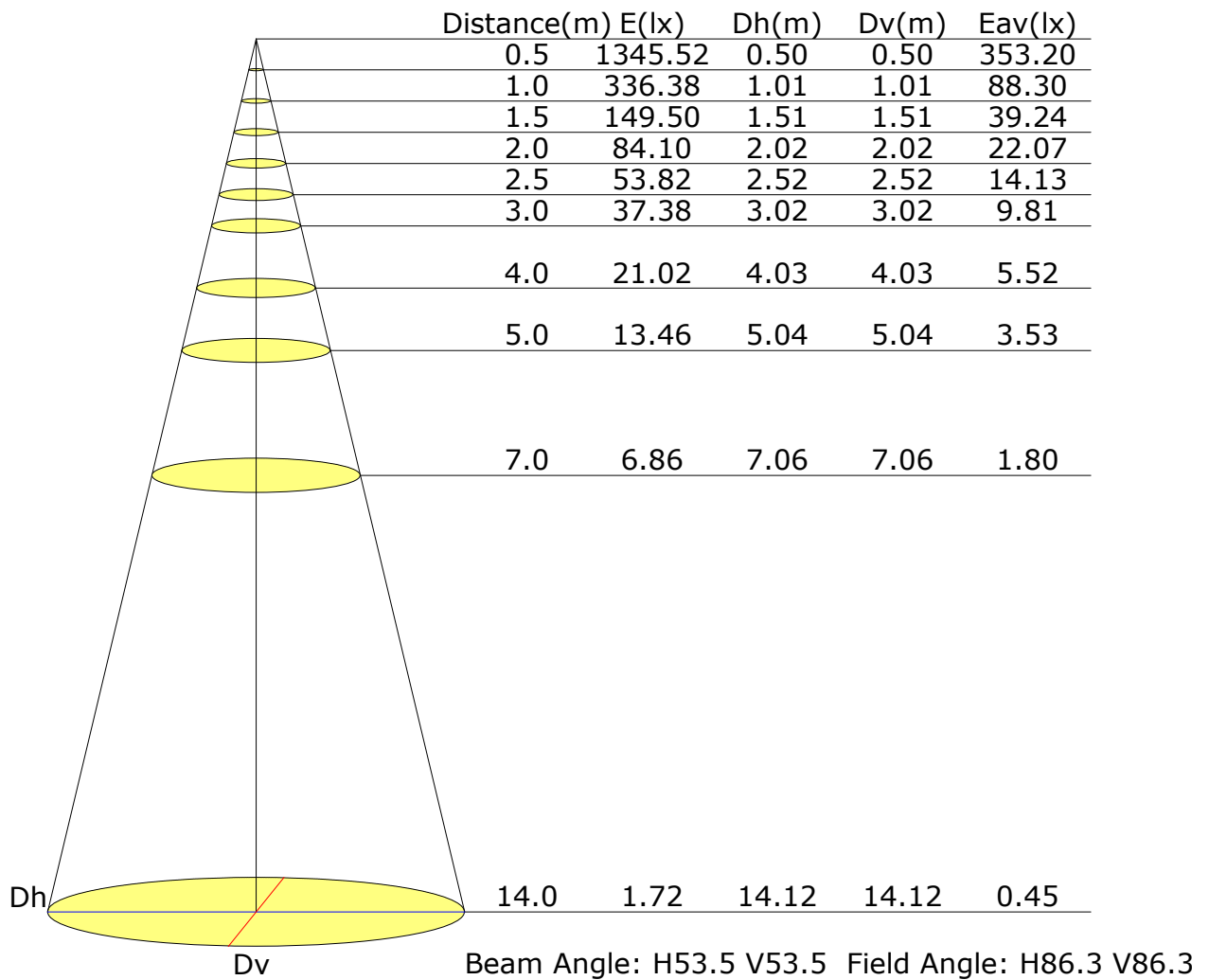


Mounting Height: 10m    Max Lux(100%): 3 lx			
— ( 1%):	0 lx	— ( 2%):	0 lx
— ( 5%):	0 lx	— ( 10%):	0 lx
— ( 20%):	1 lx	— ( 50%):	2 lx
— (100%):	3 lx		

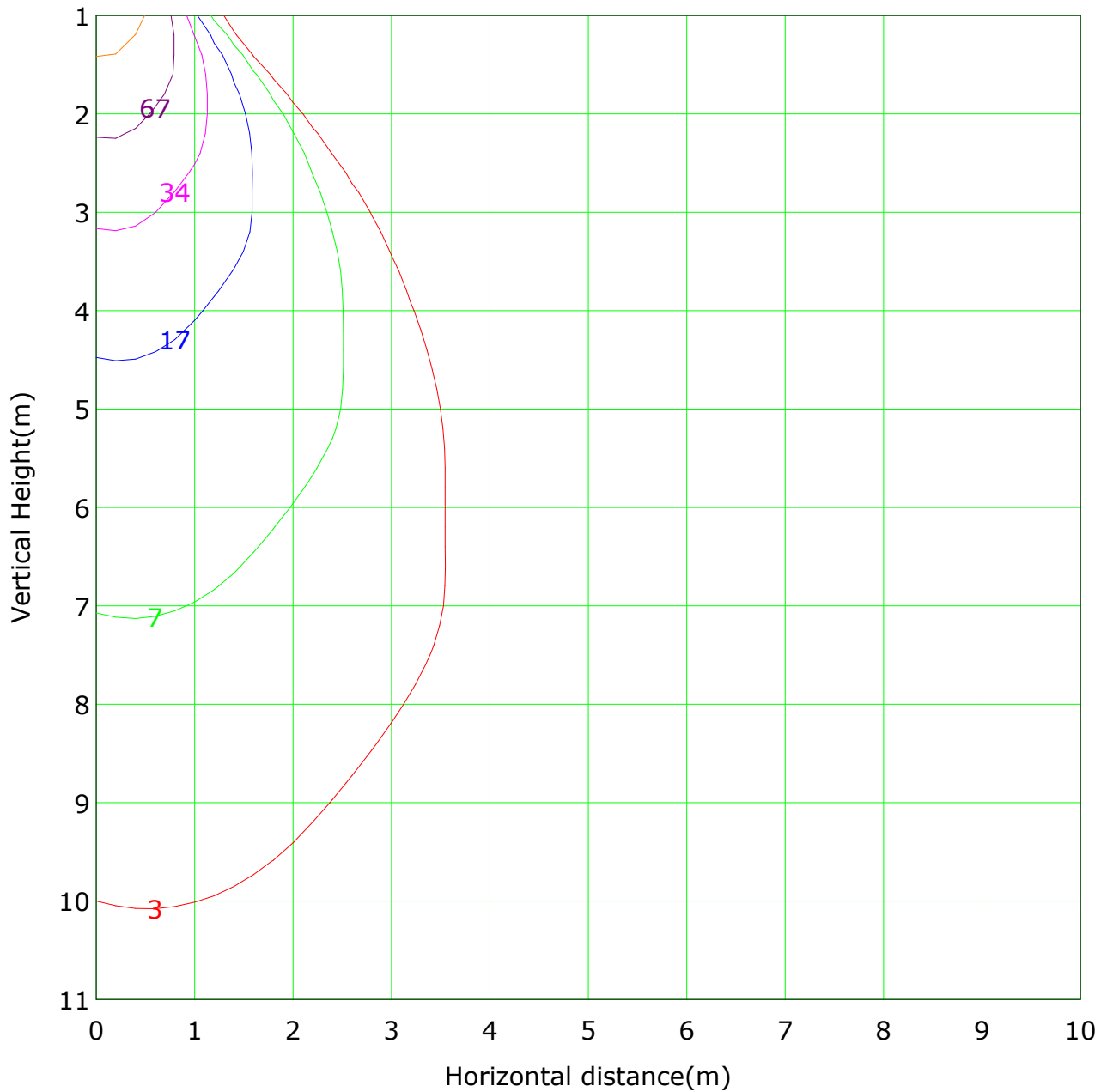
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



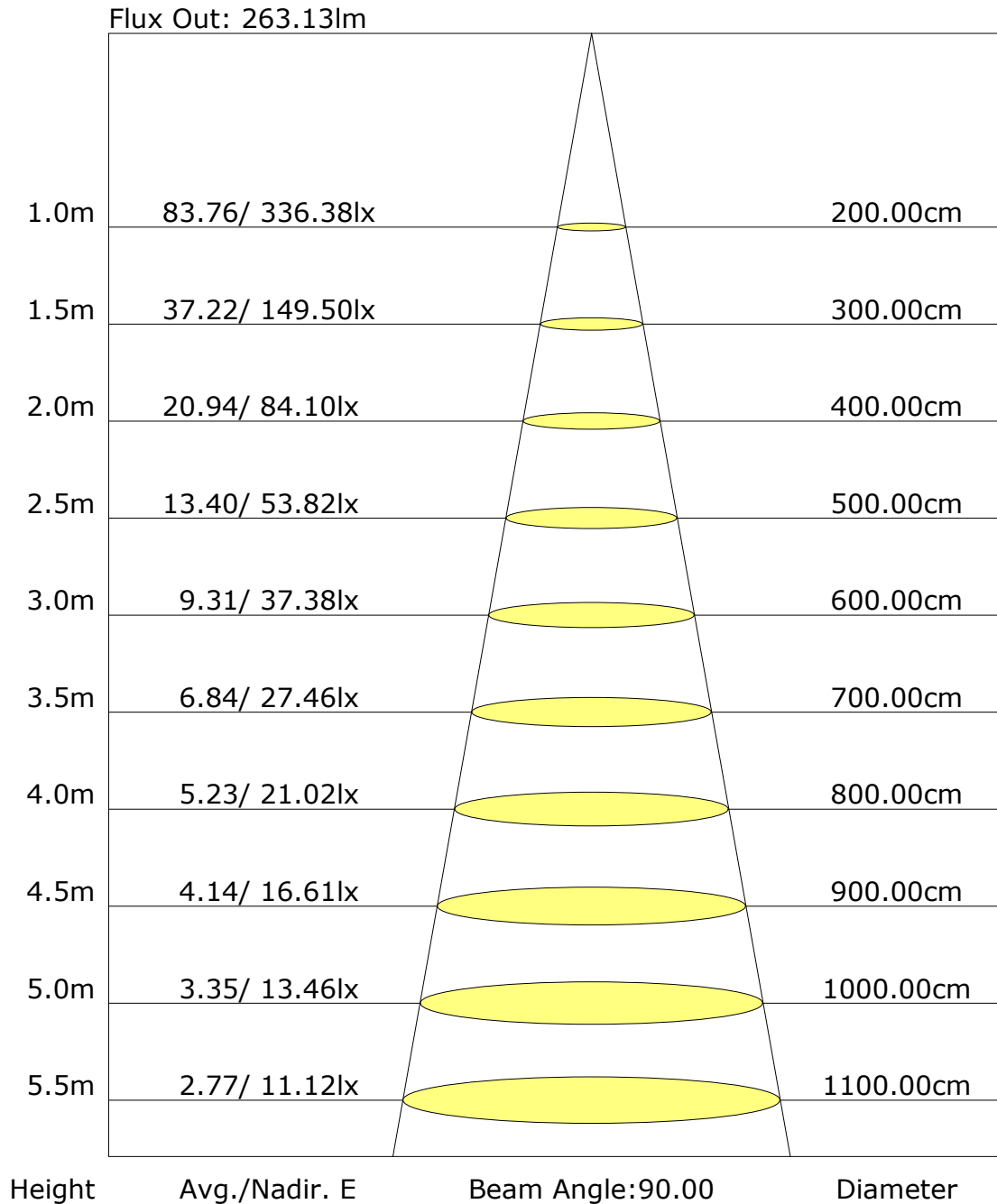
Lowest(m): 1m    Highest(m): 11    Max Lux: 336

( 1%): 3 lx	( 2%): 7 lx
( 5%): 17 lx	( 10%): 34 lx
( 20%): 67 lx	( 50%): 168 lx
(100%): 336 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	336.1	0.3	0.3	0.11	0.11
1.0-2.0	335.2	1.0	1.3	0.34	0.45
2.0-3.0	333.3	1.6	2.9	0.56	1.01
3.0-4.0	330.5	2.2	5.1	0.78	1.79
4.0-5.0	326.8	2.8	7.9	0.99	2.79
5.0-6.0	322.4	3.4	11.3	1.19	3.98
6.0-7.0	317.4	3.9	15.2	1.39	5.37
7.0-8.0	311.8	4.5	19.7	1.57	6.94
8.0-9.0	305.7	5.0	24.7	1.75	8.69
9.0-10.0	299.3	5.4	30.1	1.91	10.60
10.0-11.0	292.6	5.8	35.9	2.06	12.66
11.0-12.0	285.8	6.2	42.2	2.20	14.86
12.0-13.0	278.7	6.6	48.8	2.33	17.19
13.0-14.0	271.7	7.0	55.7	2.45	19.65
14.0-15.0	264.8	7.3	63.0	2.56	22.21
15.0-16.0	257.9	7.6	70.6	2.66	24.87
16.0-17.0	251.2	7.8	78.4	2.76	27.63
17.0-18.0	244.6	8.1	86.4	2.84	30.47
18.0-19.0	237.9	8.3	94.7	2.92	33.39
19.0-20.0	231.2	8.5	103.2	2.98	36.37
20.0-21.0	224.5	8.6	111.8	3.04	39.41
21.0-22.0	217.6	8.7	120.6	3.08	42.50
22.0-23.0	210.3	8.8	129.4	3.11	45.61
23.0-24.0	202.3	8.8	138.2	3.12	48.73
24.0-25.0	193.6	8.8	147.0	3.10	51.83
25.0-26.0	184.1	8.7	155.7	3.06	54.89
26.0-27.0	173.9	8.5	164.2	3.00	57.89
27.0-28.0	163.1	8.3	172.5	2.91	60.80
28.0-29.0	152.1	8.0	180.4	2.81	63.61
29.0-30.0	141.9	7.7	188.1	2.70	66.31
30.0-31.0	132.6	7.4	195.5	2.60	68.91
31.0-32.0	124.0	7.1	202.6	2.51	71.42
32.0-33.0	115.9	6.8	209.4	2.41	73.82
33.0-34.0	107.9	6.5	216.0	2.30	76.13
34.0-35.0	100.0	6.2	222.2	2.19	78.31
35.0-36.0	92.0	5.9	228.0	2.07	80.38

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	84.2	5.5	233.5	1.94	82.32
37.0-38.0	76.6	5.1	238.6	1.80	84.12
38.0-39.0	69.2	4.7	243.4	1.66	85.79
39.0-40.0	62.1	4.3	247.7	1.53	87.31
40.0-41.0	55.3	3.9	251.6	1.39	88.70
41.0-42.0	48.5	3.5	255.2	1.24	89.94
42.0-43.0	41.8	3.1	258.3	1.09	91.03
43.0-44.0	35.2	2.7	260.9	0.94	91.97
44.0-45.0	28.8	2.2	263.1	0.78	92.75
45.0-46.0	22.8	1.8	264.9	0.63	93.38
46.0-47.0	17.7	1.4	266.3	0.50	93.88
47.0-48.0	14.0	1.1	267.5	0.40	94.28
48.0-49.0	11.5	0.9	268.4	0.33	94.61
49.0-50.0	9.8	0.8	269.2	0.29	94.90
50.0-51.0	8.6	0.7	269.9	0.26	95.16
51.0-52.0	7.9	0.7	270.6	0.24	95.39
52.0-53.0	7.4	0.6	271.3	0.23	95.62
53.0-54.0	7.0	0.6	271.9	0.22	95.84
54.0-55.0	6.7	0.6	272.5	0.21	96.05
55.0-56.0	6.4	0.6	273.1	0.21	96.25
56.0-57.0	6.2	0.6	273.6	0.20	96.45
57.0-58.0	6.0	0.6	274.2	0.20	96.65
58.0-59.0	5.8	0.5	274.7	0.19	96.84
59.0-60.0	5.6	0.5	275.3	0.19	97.03
60.0-61.0	5.5	0.5	275.8	0.18	97.21
61.0-62.0	5.3	0.5	276.3	0.18	97.39
62.0-63.0	5.1	0.5	276.8	0.18	97.57
63.0-64.0	4.9	0.5	277.3	0.17	97.74
64.0-65.0	4.7	0.5	277.7	0.17	97.90
65.0-66.0	4.6	0.5	278.2	0.16	98.06
66.0-67.0	4.4	0.4	278.6	0.15	98.22
67.0-68.0	4.1	0.4	279.1	0.15	98.37
68.0-69.0	3.9	0.4	279.5	0.14	98.51
69.0-70.0	3.7	0.4	279.8	0.14	98.64
70.0-71.0	3.5	0.4	280.2	0.13	98.77
71.0-72.0	3.4	0.3	280.6	0.12	98.90

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	336.4	336.4								
G1.0	339.5	332.3								
G2.0	341.6	327.2								
G3.0	342.9	321.4								
G4.0	342.9	314.8								
G5.0	341.9	307.7								
G6.0	340.0	300.1								
G7.0	337.3	292.3								
G8.0	333.5	284.3								
G9.0	328.9	276.2								
G10.0	323.8	268.1								
G11.0	317.9	260.5								
G12.0	311.3	253.3								
G13.0	304.2	246.1								
G14.0	297.0	239.4								
G15.0	289.9	232.7								
G16.0	282.9	226.2								
G17.0	276.1	219.6								
G18.0	269.4	213.1								
G19.0	263.0	206.2								
G20.0	256.6	199.2								
G21.0	250.3	191.9								
G22.0	243.9	184.2								
G23.0	237.2	175.7								
G24.0	230.4	165.9								
G25.0	223.0	154.9								
G26.0	214.8	143.7								
G27.0	204.3	133.0								
G28.0	192.0	123.0								
G29.0	179.6	113.9								
G30.0	168.6	105.4								
G31.0	159.1	97.2								
G32.0	150.5	89.4								
G33.0	142.1	81.7								
G34.0	133.8	74.2								
G35.0	124.9	67.0								
G36.0	115.9	60.3								

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	106.6	54.2								
G38.0	97.2	48.5								
G39.0	87.9	43.1								
G40.0	79.2	38.0								
G41.0	70.9	32.8								
G42.0	63.0	27.4								
G43.0	55.2	21.7								
G44.0	47.0	16.9								
G45.0	37.9	13.4								
G46.0	29.0	11.0								
G47.0	21.6	9.4								
G48.0	16.6	8.4								
G49.0	13.1	7.8								
G50.0	10.7	7.4								
G51.0	9.2	7.2								
G52.0	8.3	6.9								
G53.0	7.7	6.6								
G54.0	7.3	6.4								
G55.0	7.0	6.2								
G56.0	6.7	5.9								
G57.0	6.4	5.8								
G58.0	6.2	5.7								
G59.0	5.9	5.5								
G60.0	5.7	5.4								
G61.0	5.5	5.2								
G62.0	5.4	5.0								
G63.0	5.3	4.8								
G64.0	5.1	4.6								
G65.0	4.9	4.4								
G66.0	4.8	4.2								
G67.0	4.5	4.0								
G68.0	4.3	3.8								
G69.0	4.1	3.6								
G70.0	3.9	3.3								
G71.0	3.7	3.2								
G72.0	3.5	3.0								
G73.0	3.3	2.8								

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:

## Unit: cd

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