

Report No.: 56.02311 NOVAL Downlight

Test Time: 2023-07-03 16:03

Luminaire Property

Luminaire Category: Bridgelux 3535 3000K CRI90

Voltage: 213.3 V

Current: 0.022 A

Power: 2.50 W

Power Factor: 0.545

Photometric Results

CIE Class: Direct

Measurement Flux: 92.4 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H20.9

Vertical Diffuse Angle(50%): V20.9

Luminaire Efficacy Rating (LER): 37

Max. Intensity: 570.79 cd

Total Rated Lamp Lumens: 92.4 lm

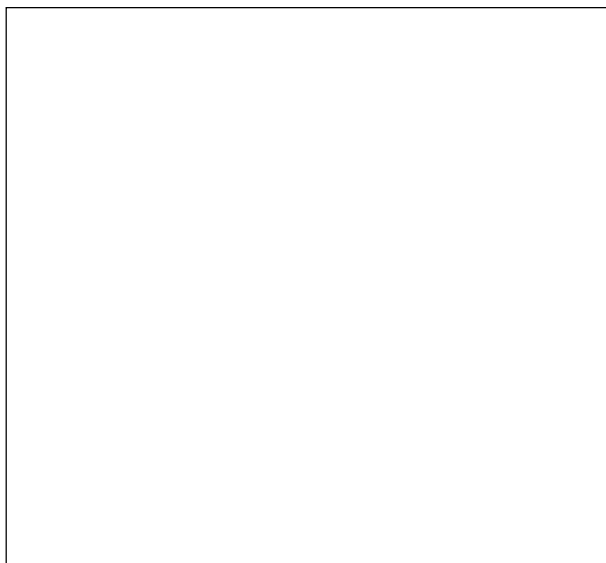
Efficiency: 100%

Upward Ratio: 0%

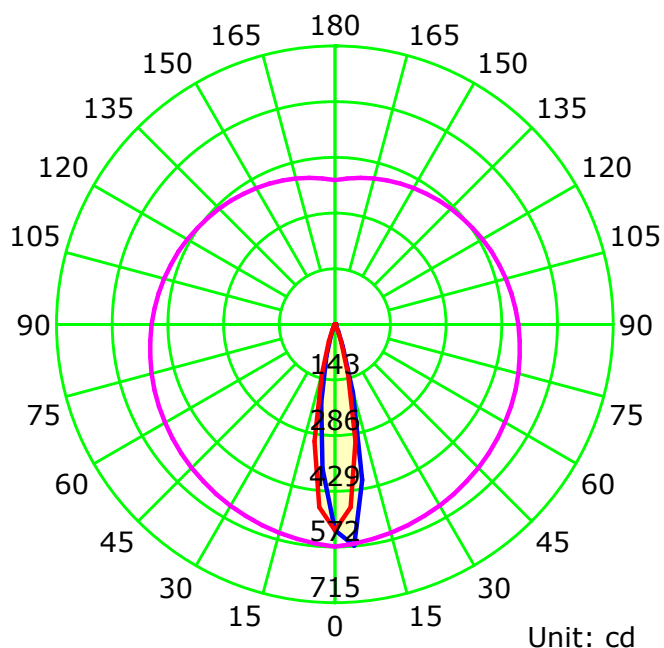
Central Intensity: 528.82 cd

Pos of Max. Intensity: H0 V5

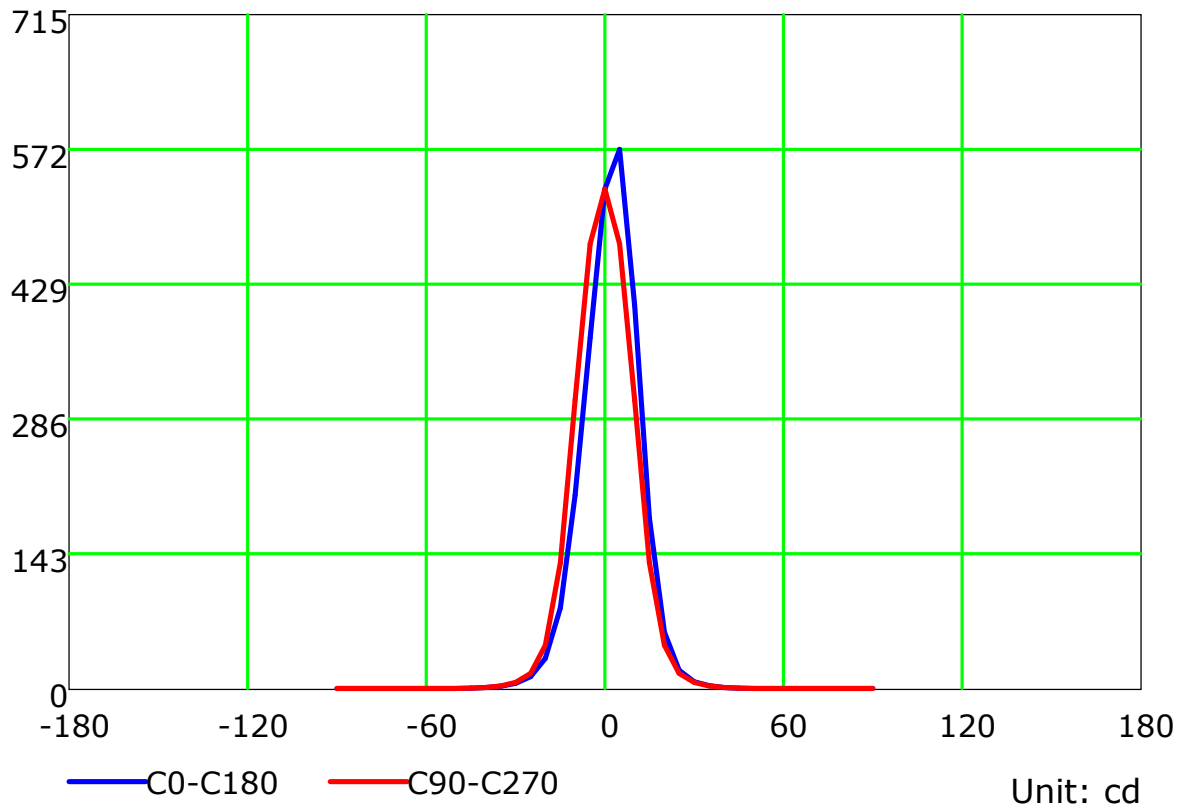
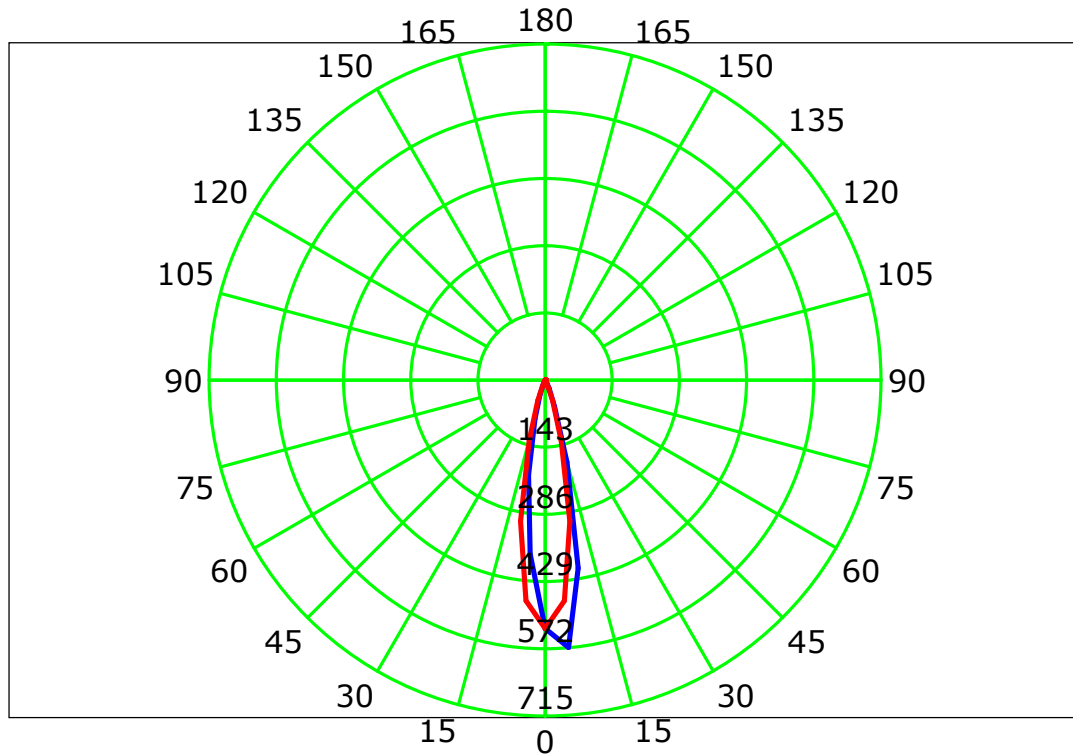
Picture Of Luminaire



Luminous Intensity Distribution Curve



Luminous Intensity Distribution Curve



Unit: cd

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

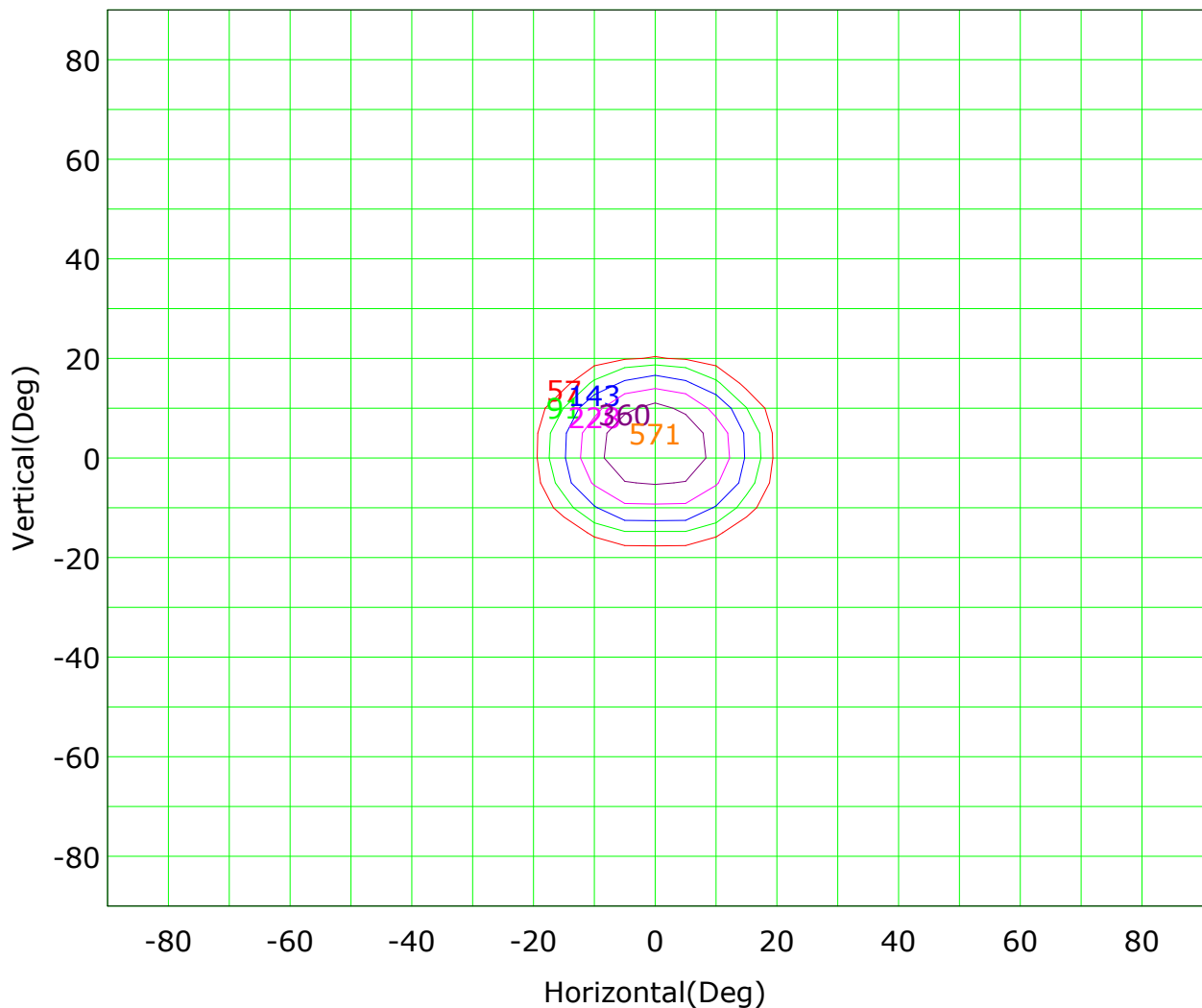
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 571 cd

(10%):	57 cd	(16%):	91 cd
(25%):	143 cd	(40%):	228 cd
(63%):	360 cd	(100%):	571 cd

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

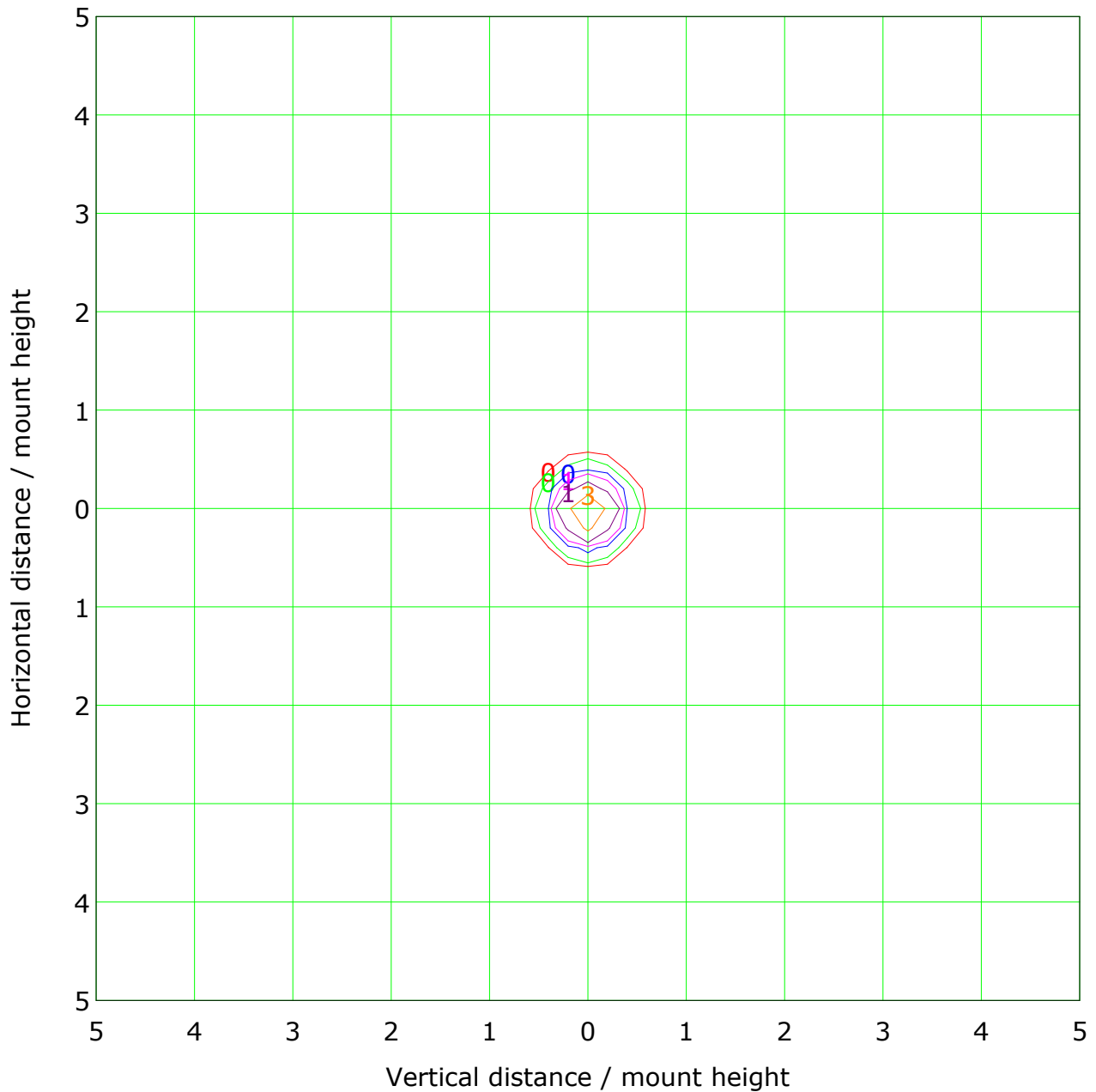
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 6 lx	
(1%):	0 lx	(2%):	0 lx
(5%):	0 lx	(10%):	1 lx
(20%):	1 lx	(50%):	3 lx
(100%):	6 lx		

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

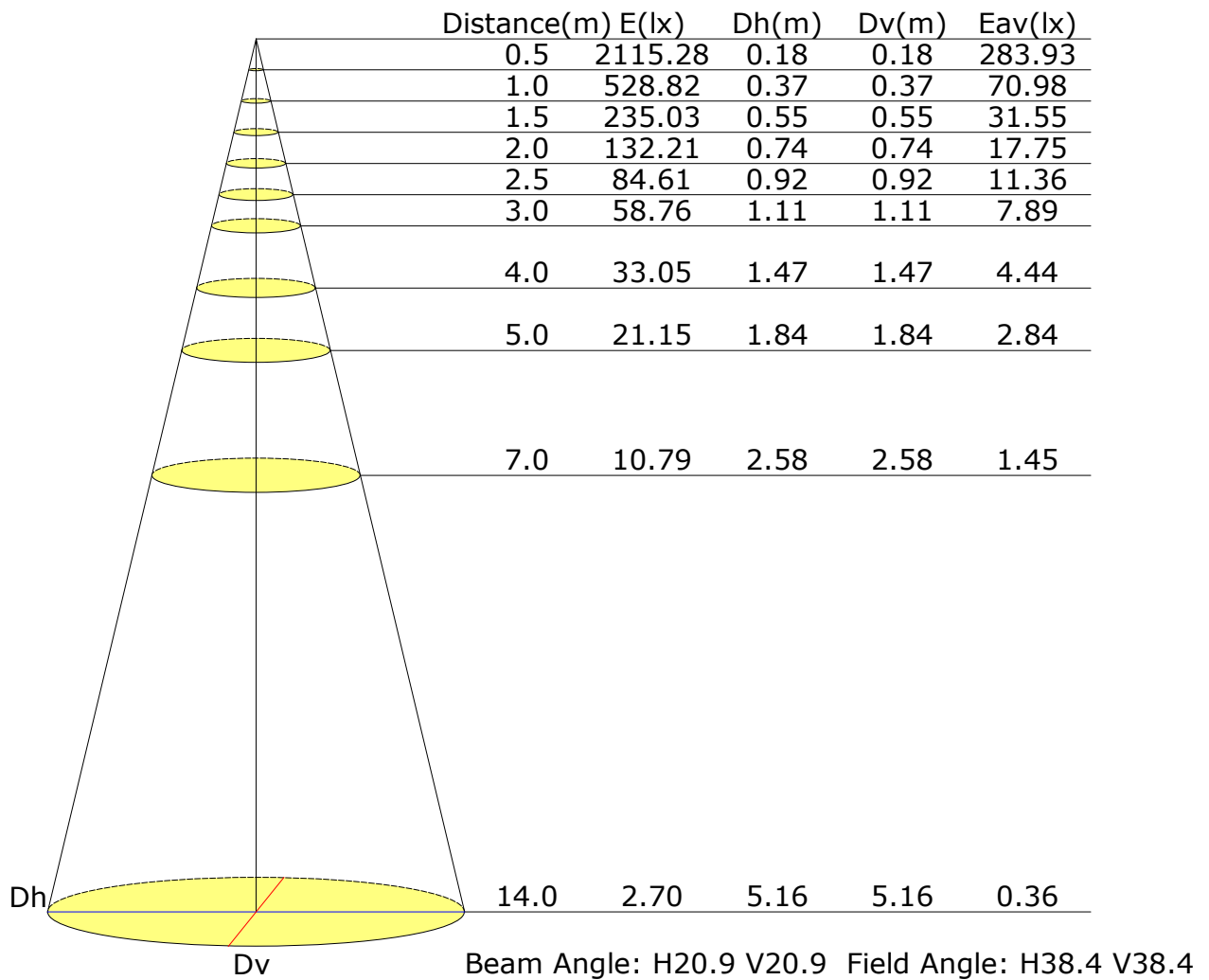
Test Device: CHL-6E

Distance: 3.000 m

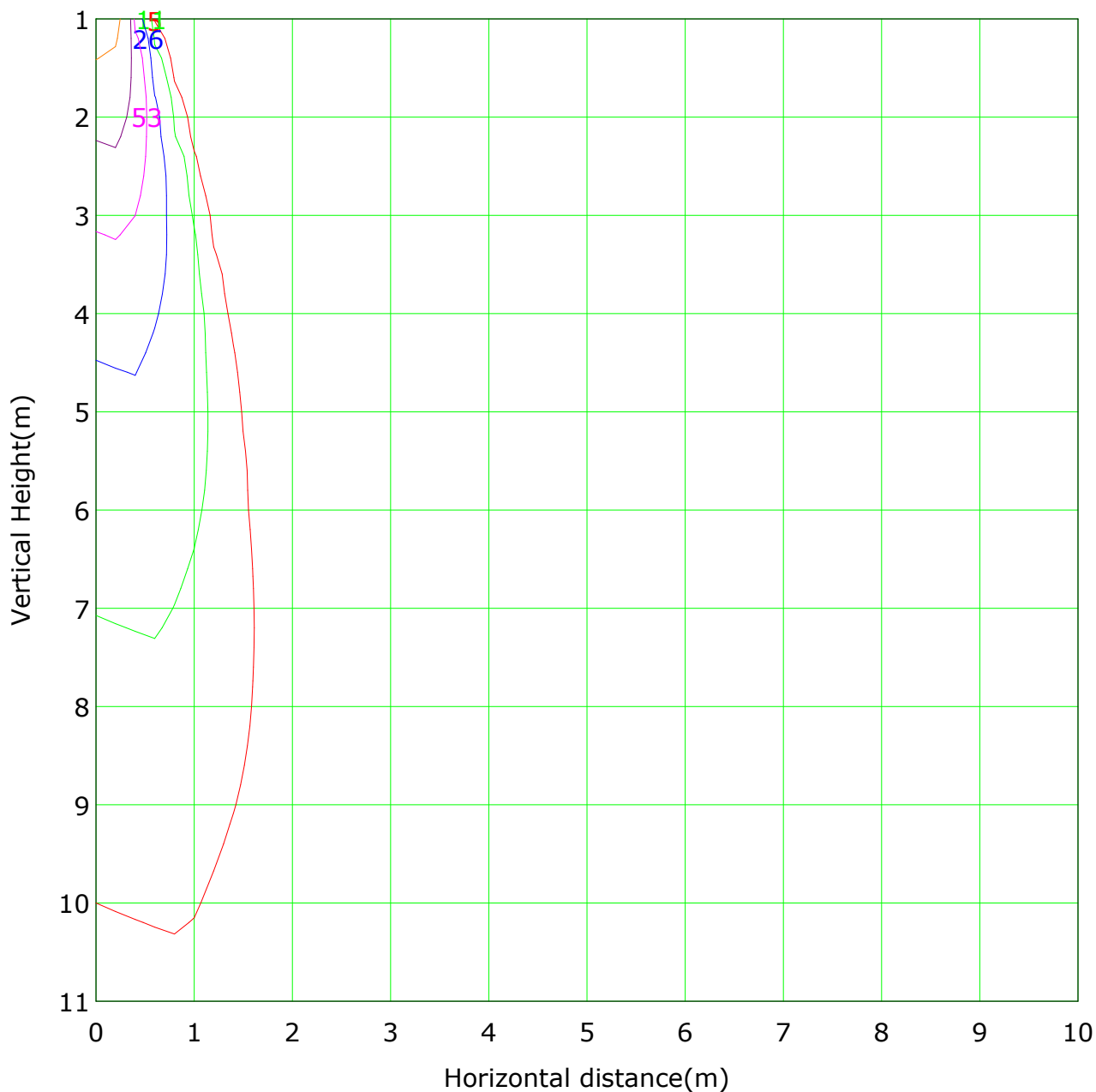
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



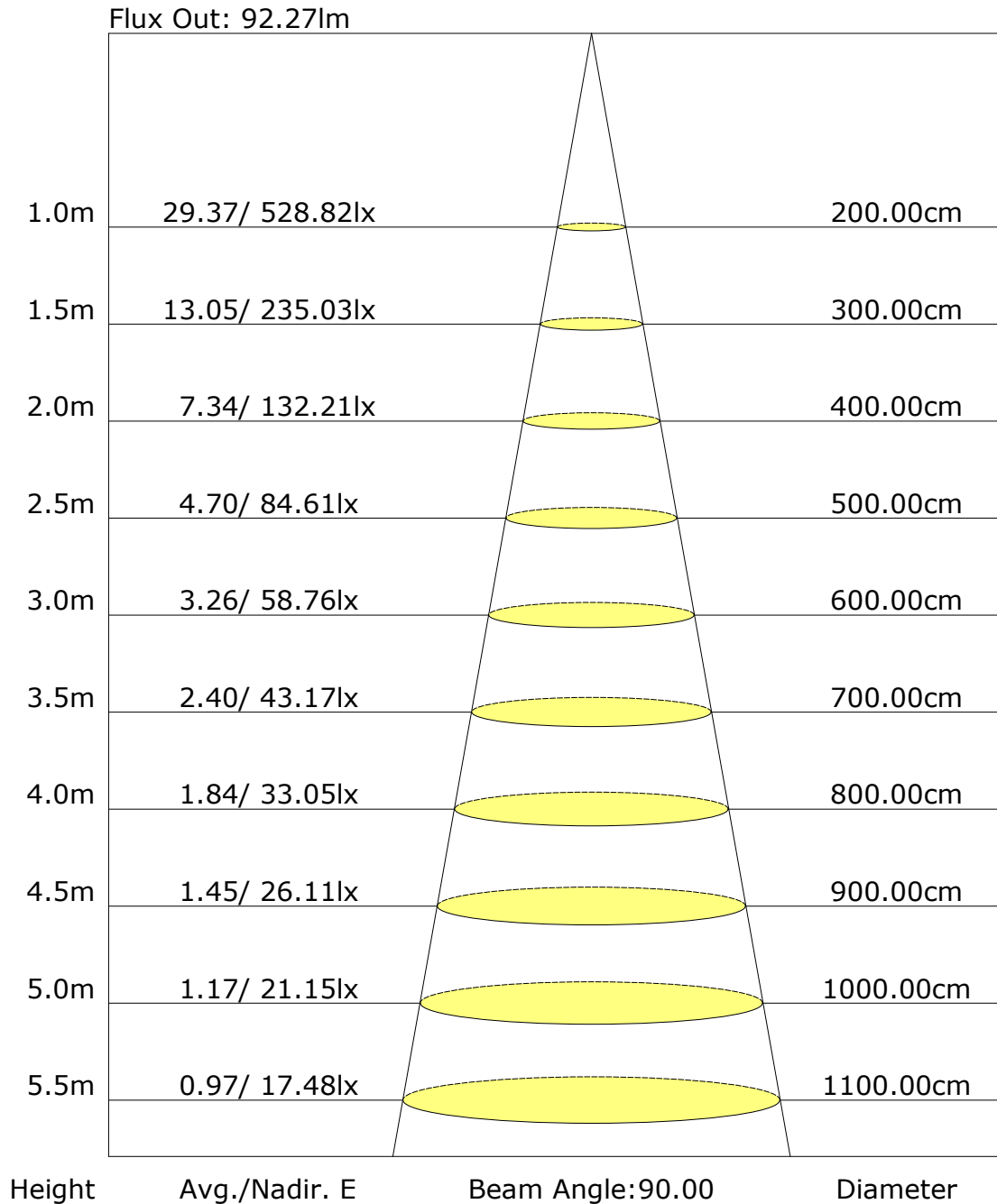
Lowest(m): 1m Highest(m): 11 Max Lux: 529

(1%): 5 lx	(2%): 11 lx
(5%): 26 lx	(10%): 53 lx
(20%): 106 lx	(50%): 264 lx
(100%): 529 lx	

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

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 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: 5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Zonal Lumen

[illegible]

Inspector:

Candlepower Table

Unit: cd

[illegible]

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector: