

Report No.: 56.02312 NOVAL Downlight

Test Time: 2023-07-03 15:59

Luminaire Property

Luminaire Category: Bridgelux 3535 3000K CRI90

Voltage: 212.2 V

Current: 0.022 A

Power: 2.50 W

Power Factor: 0.523

Photometric Results

CIE Class: Direct

Measurement Flux: 78.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H15.7

Vertical Diffuse Angle(50%): V15.7

Luminaire Efficacy Rating (LER): 32

Max. Intensity: 782.54 cd

Total Rated Lamp Lumens: 78.8 lm

Efficiency: 100%

Upward Ratio: 0%

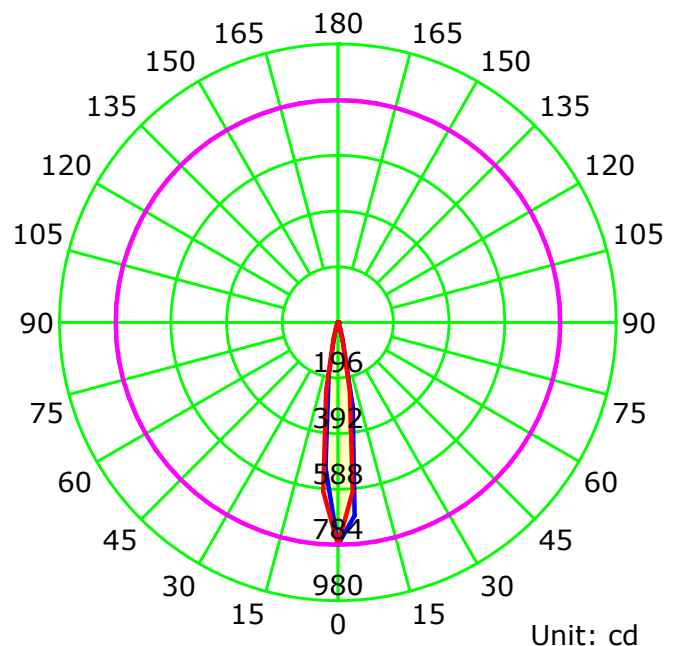
Central Intensity: 782.54 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G0

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

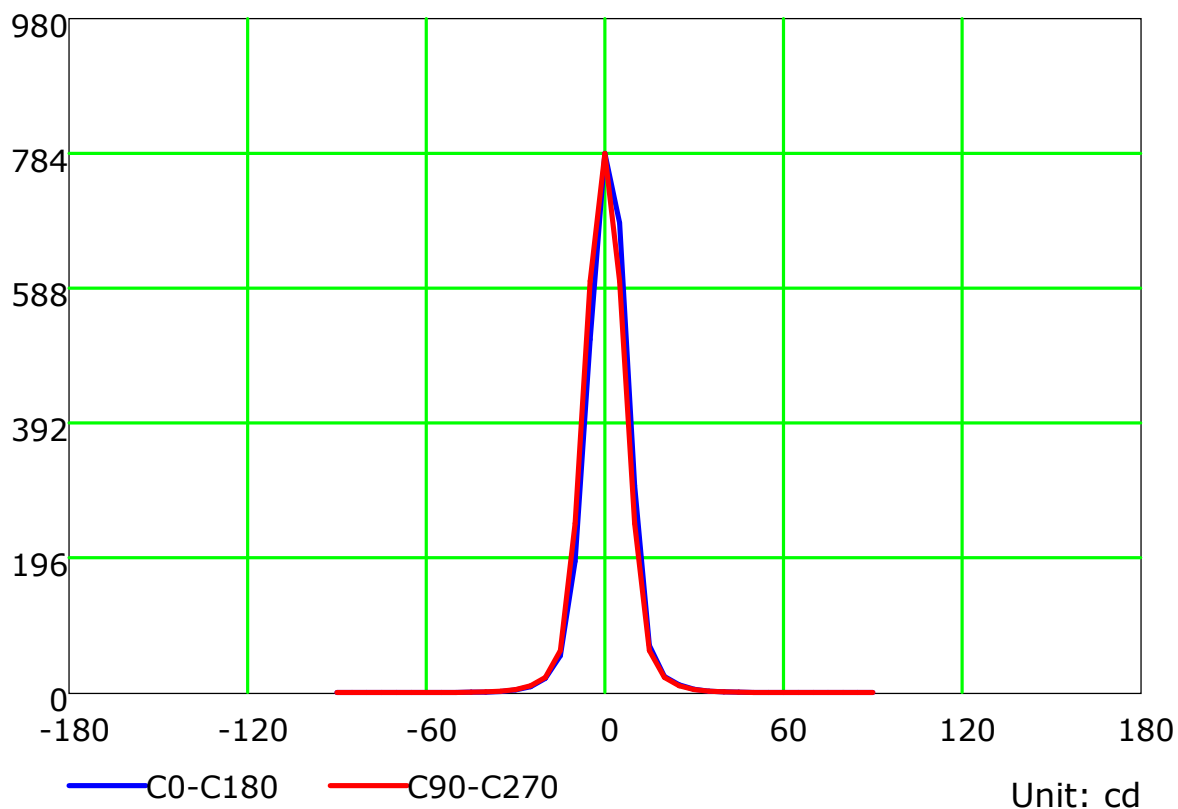
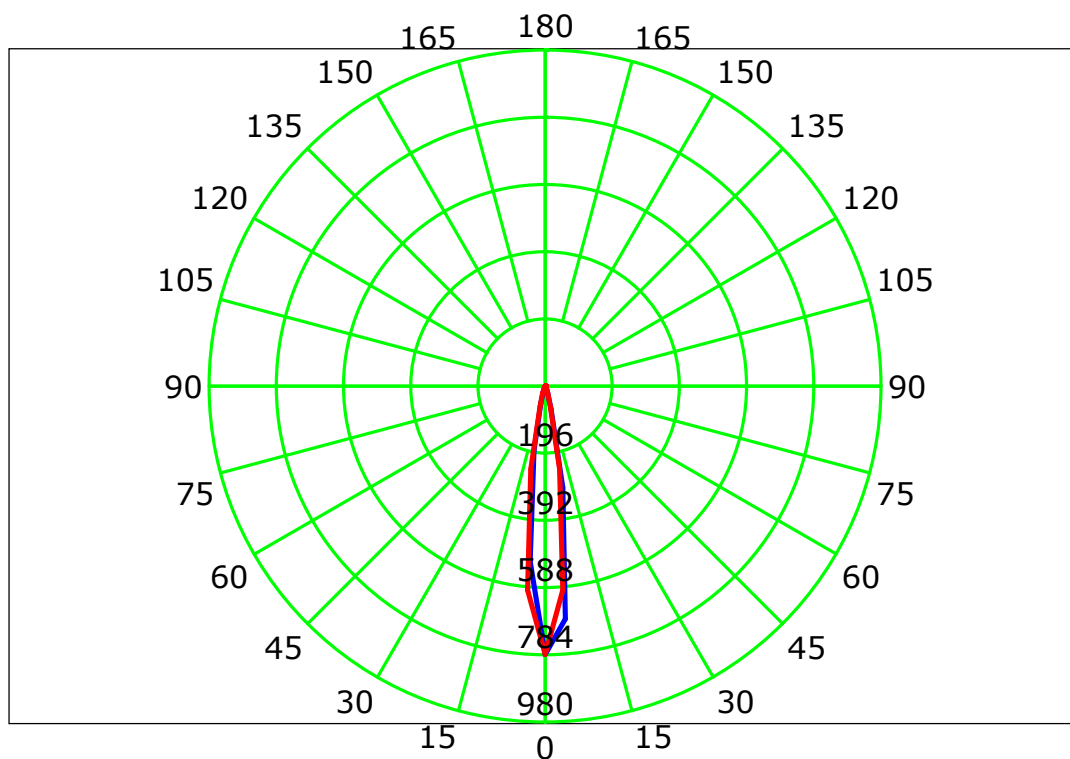
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

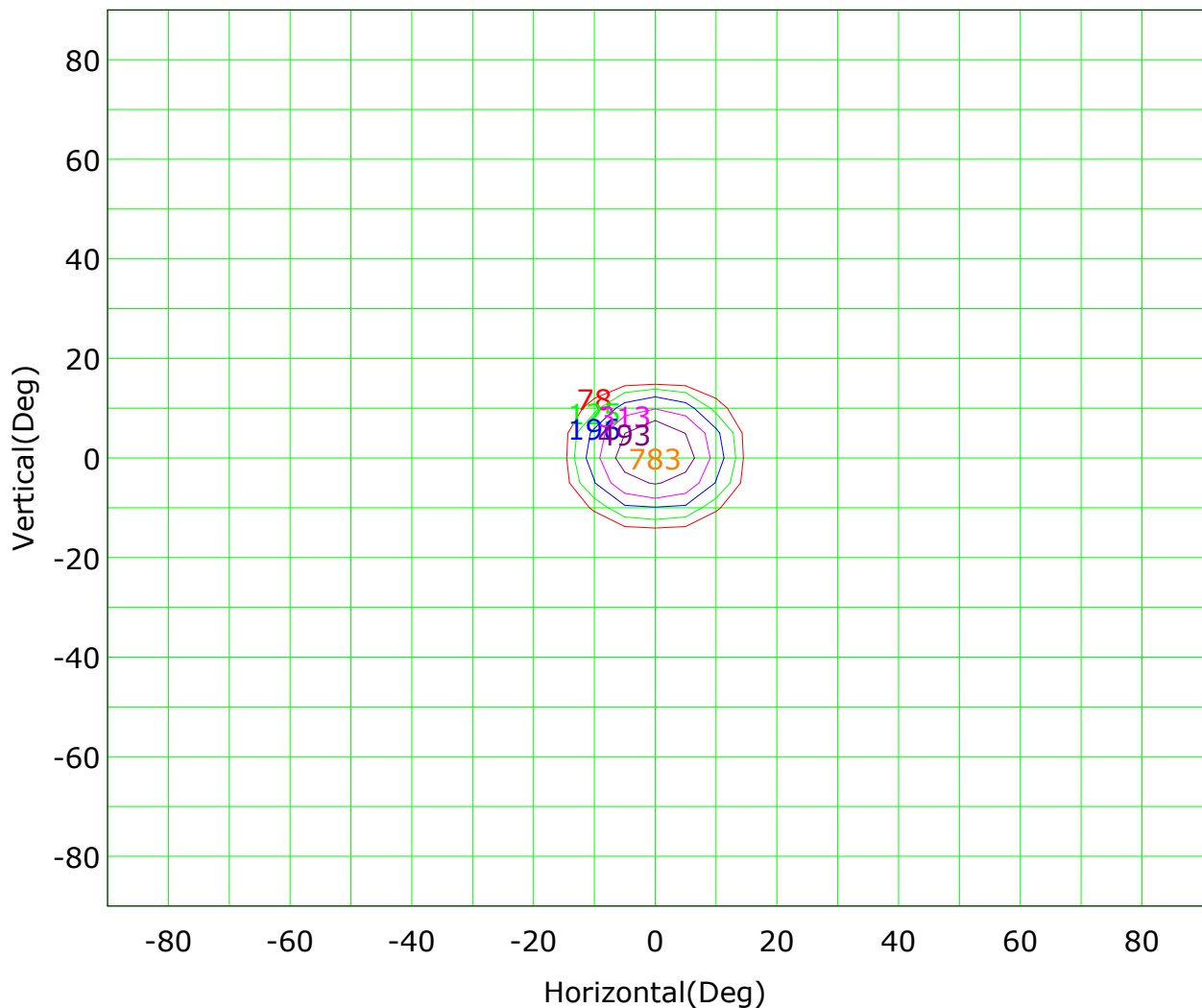
Luminous Intensity Distribution Curve



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

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

Isocandela (rectangle)



Imax (100%): 783 cd

(10%):	78 cd	(16%):	125 cd
(25%):	196 cd	(40%):	313 cd
(63%):	493 cd	(100%):	783 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

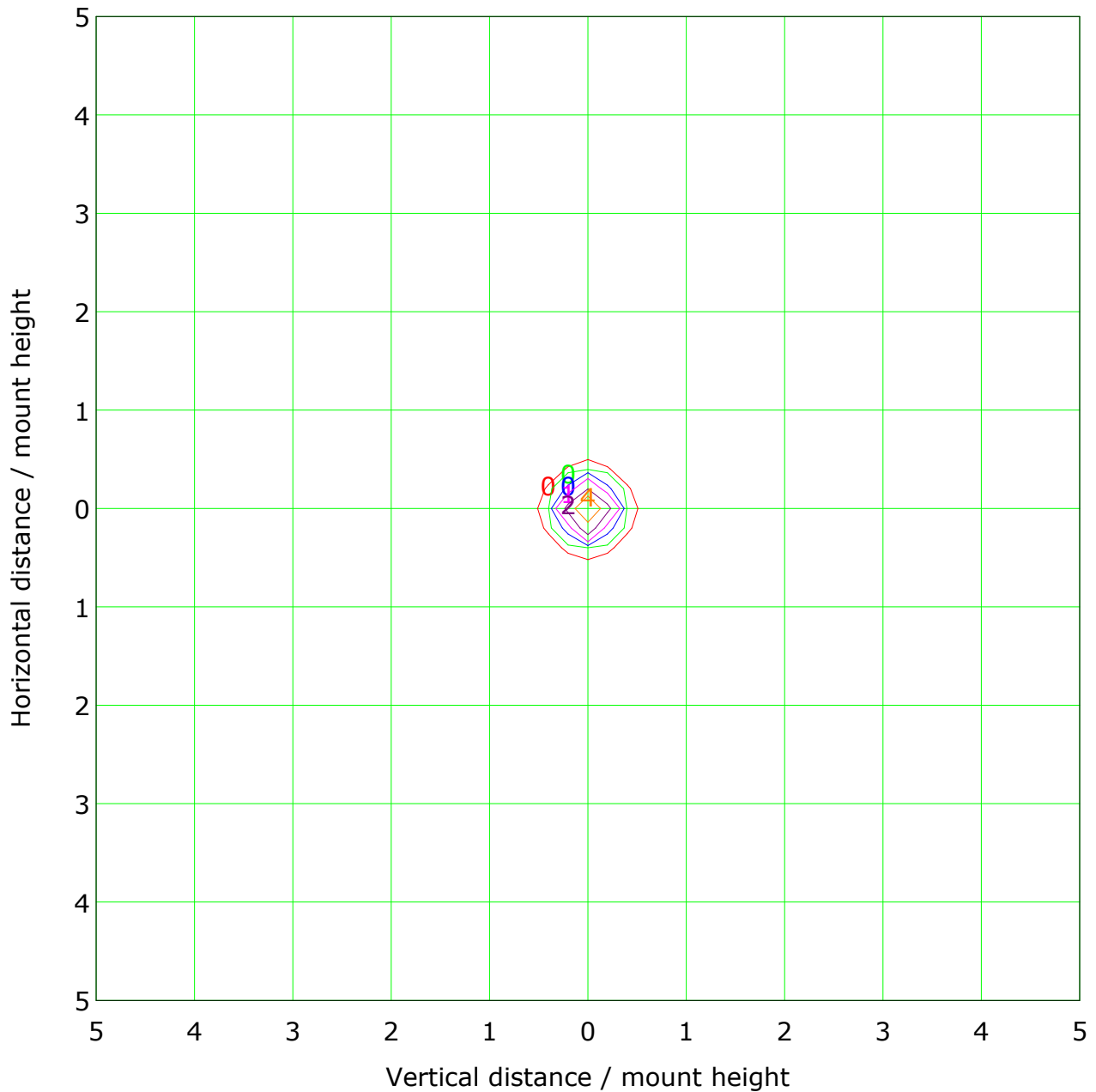
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 8 lx

(1%):	0 lx	(2%):	0 lx
(5%):	0 lx	(10%):	1 lx
(20%):	2 lx	(50%):	4 lx
(100%):	8 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

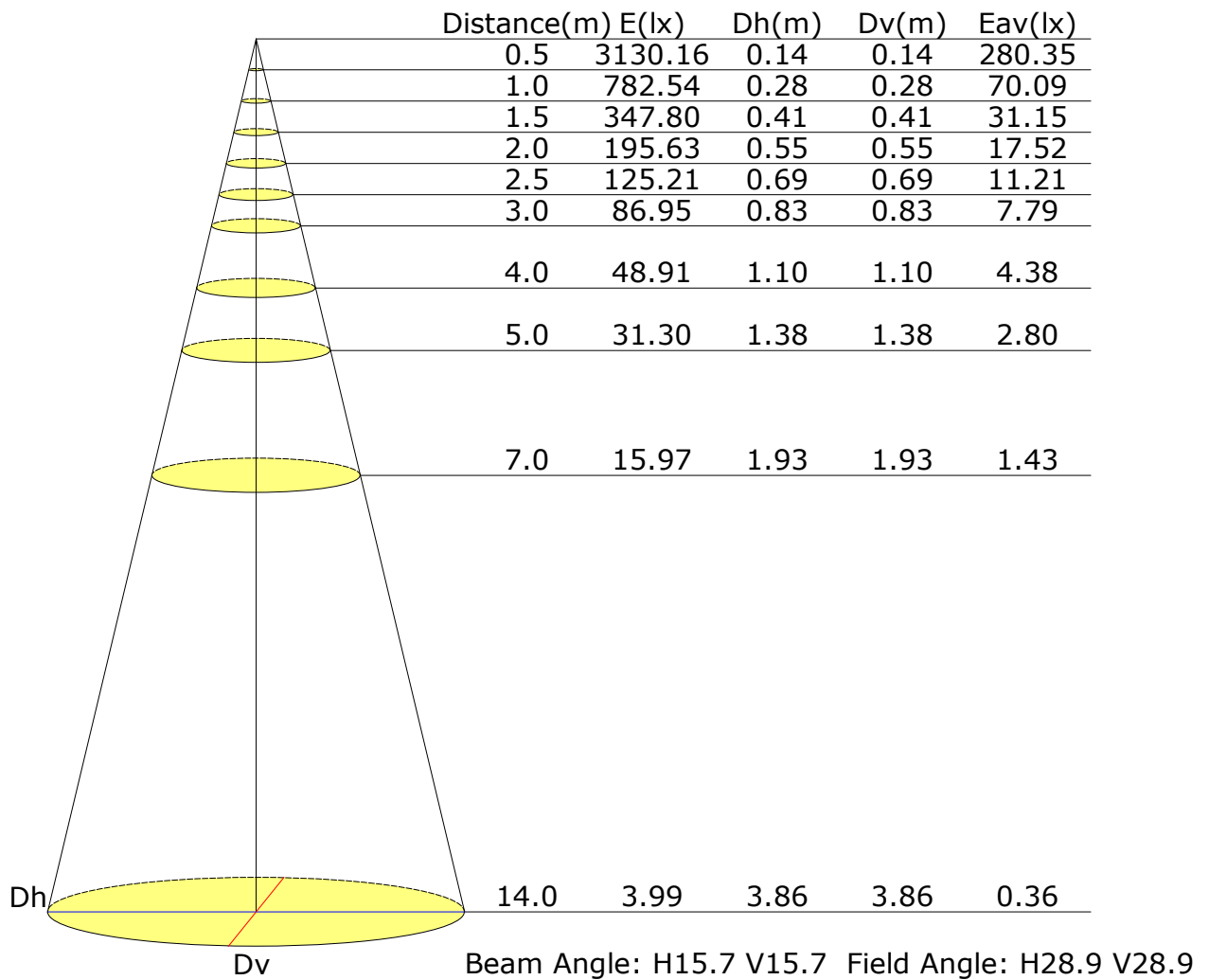
Test Device: CHL-6E

Distance: 3.000 m

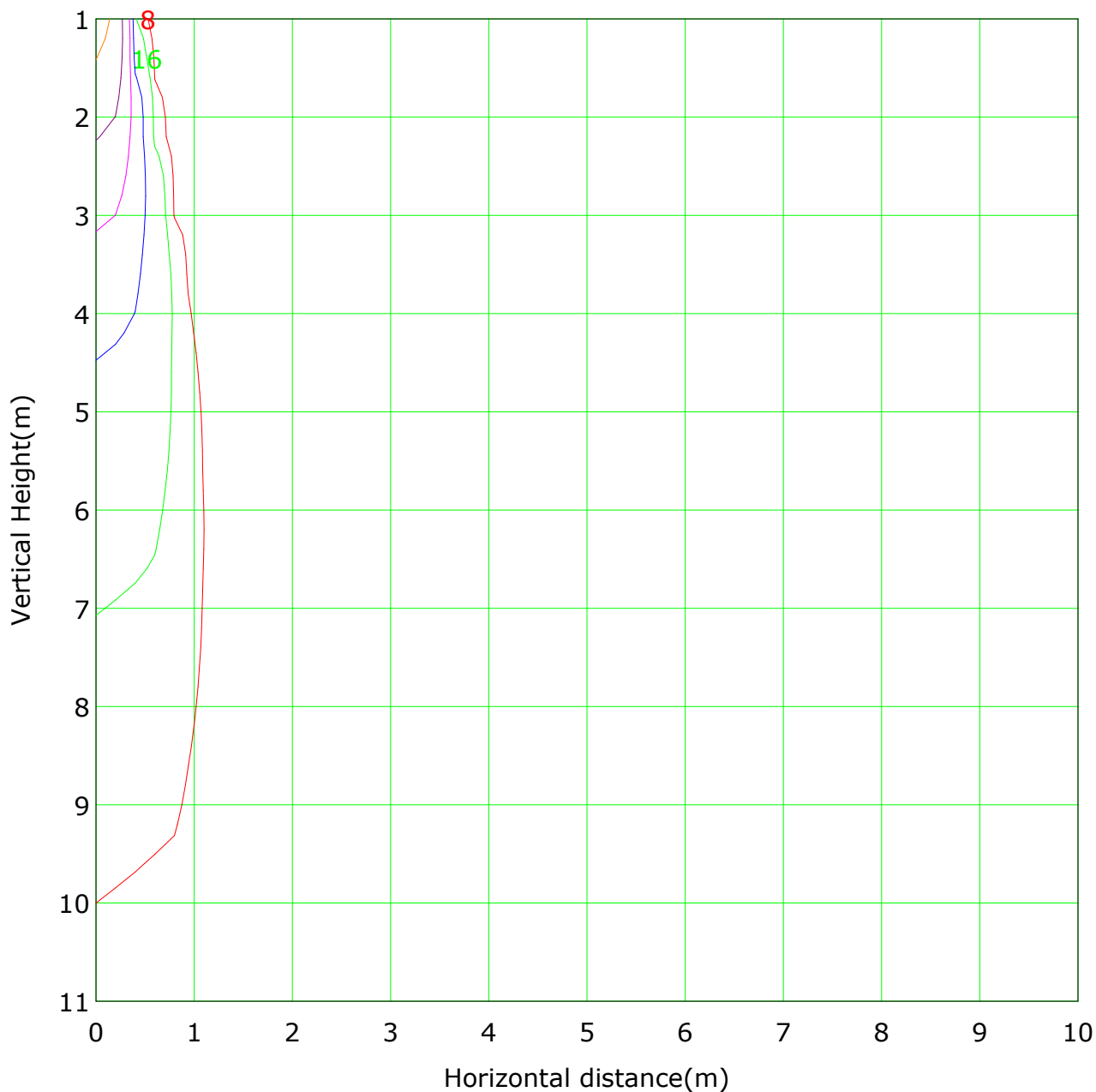
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

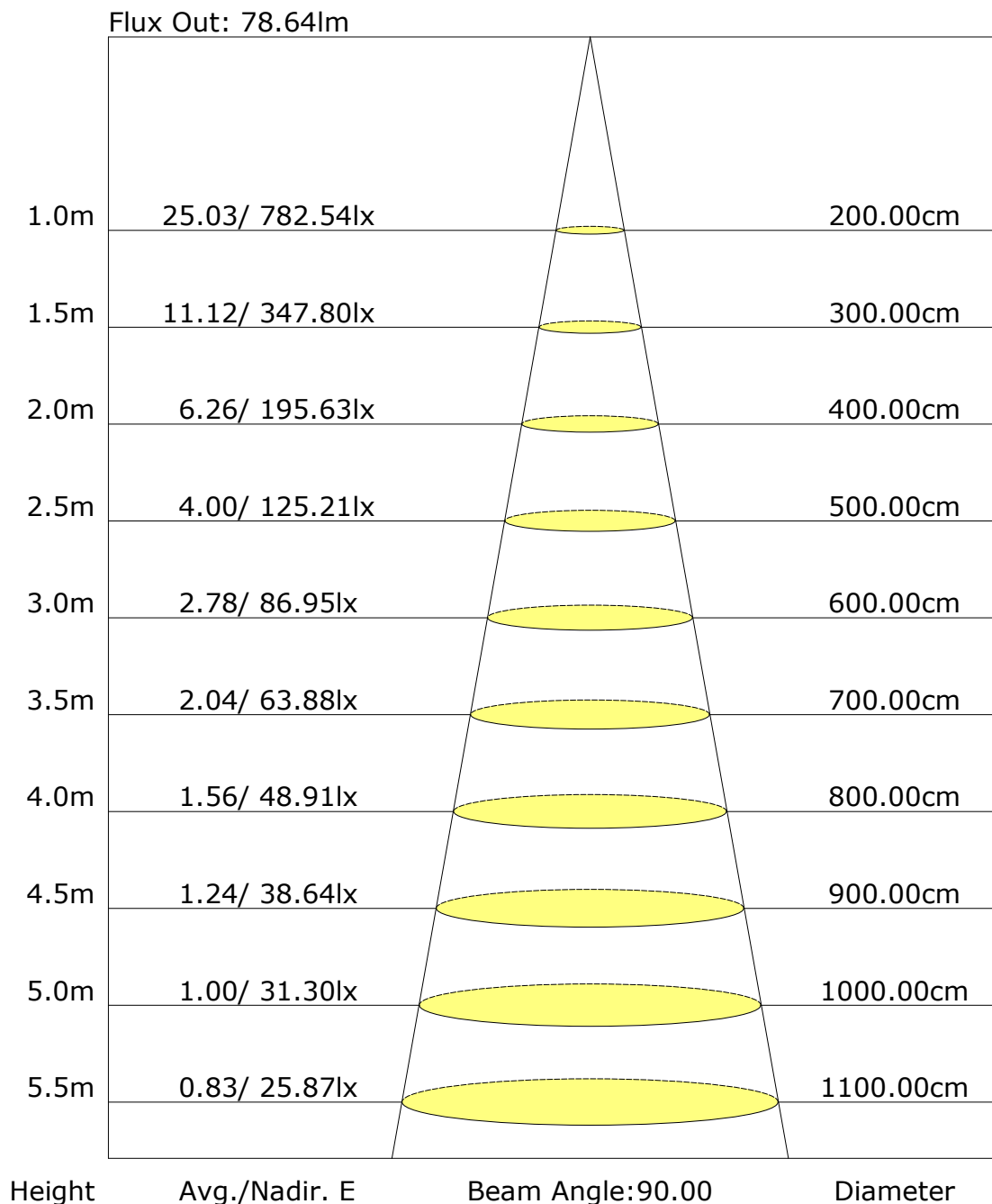


Lowest(m): 1m Highest(m): 11 Max Lux: 783	
(1%): 8 lx	(2%): 16 lx
(5%): 39 lx	(10%): 78 lx
(20%): 157 lx	(50%): 391 lx
(100%): 783 lx	

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: