

Report No.: 56.02311 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

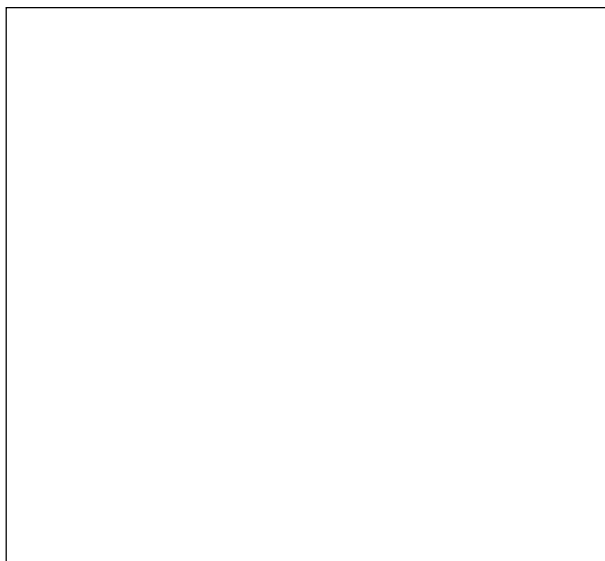
Efficiency: 100%

Upward Ratio: 0%

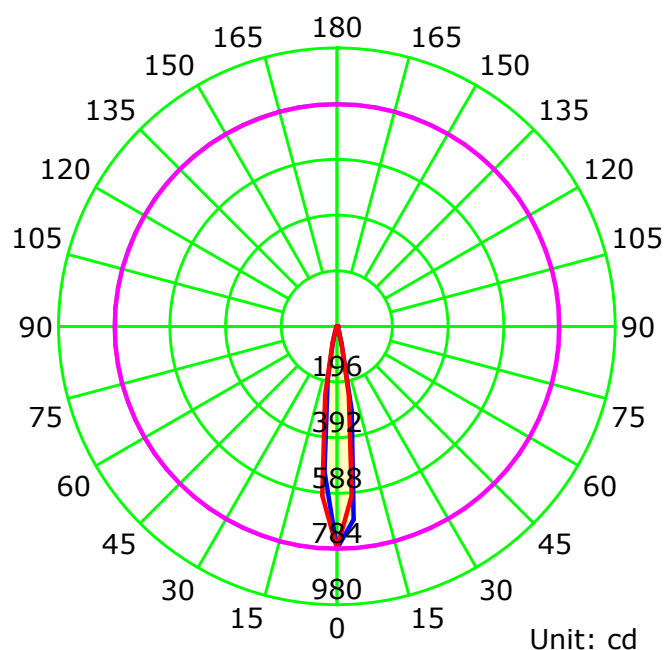
Central Intensity: 782.54 cd

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

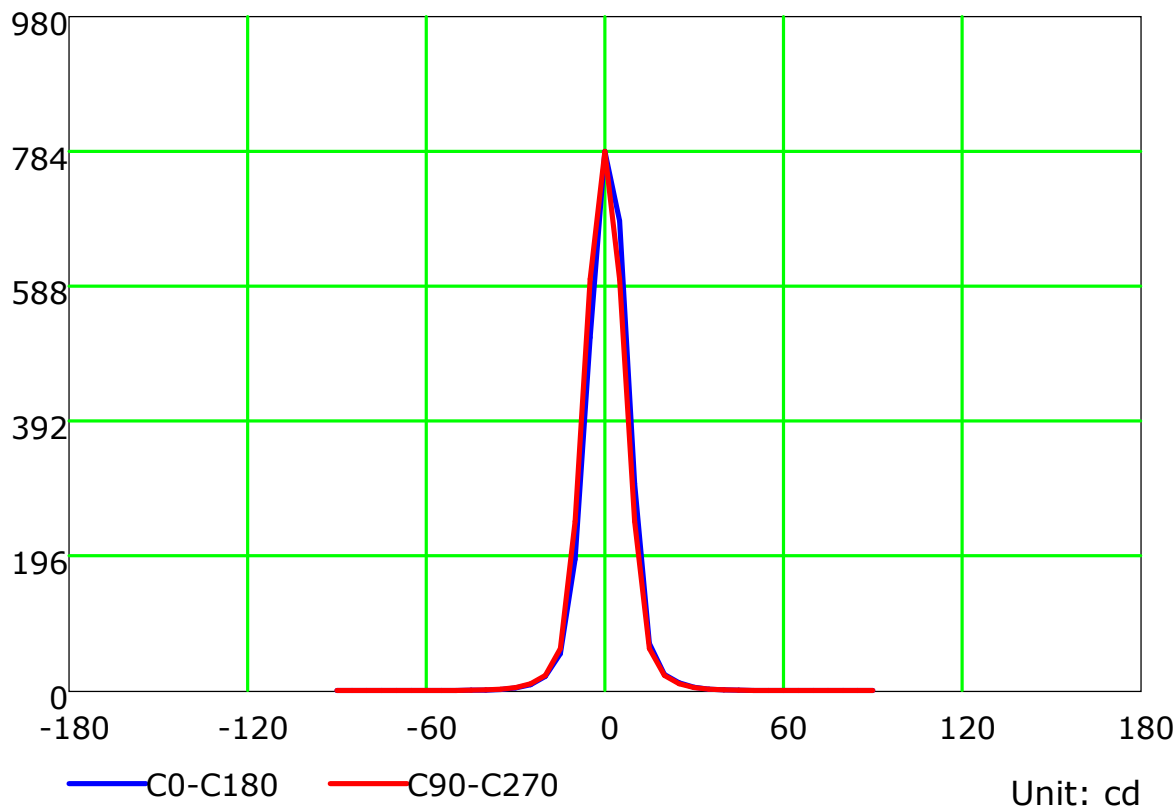
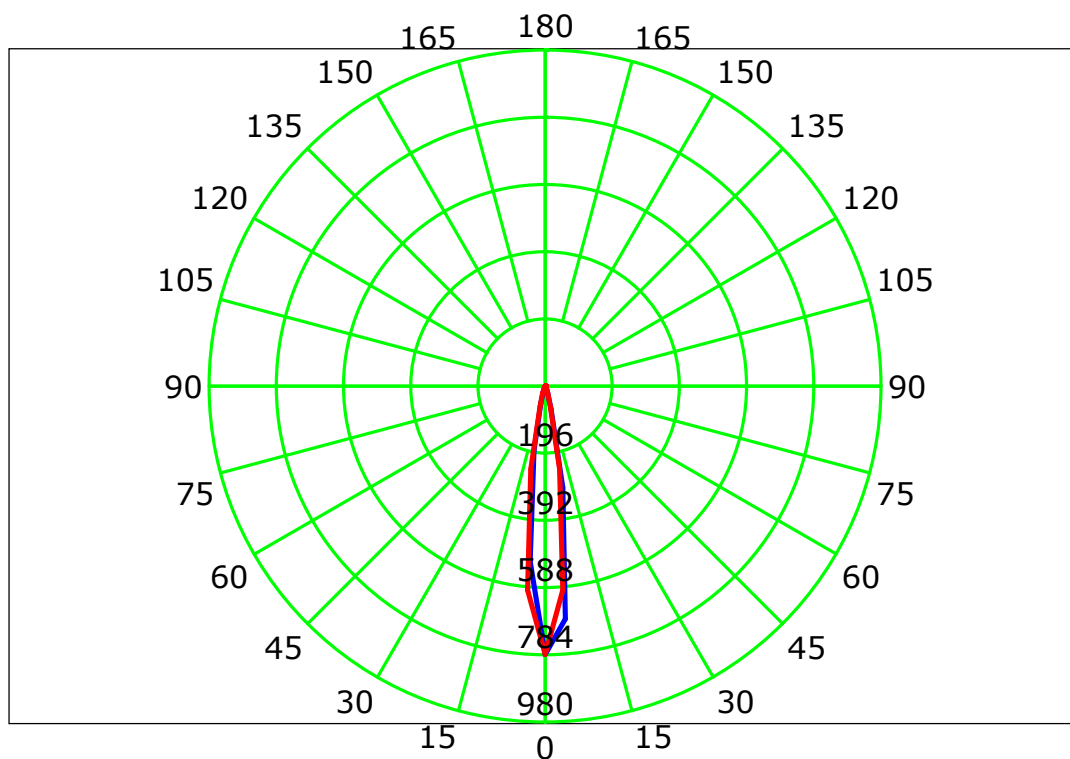
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

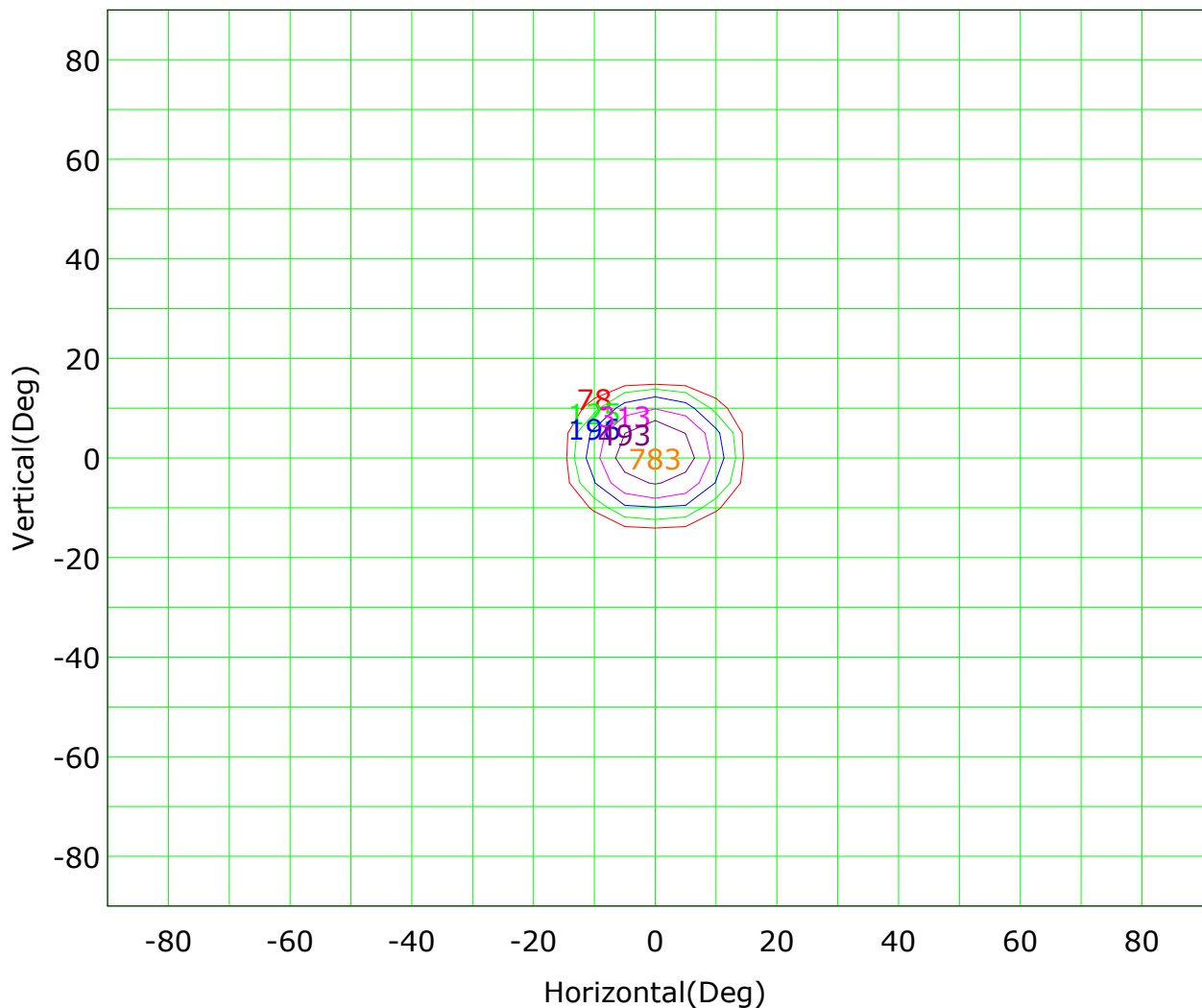
## Luminous Intensity Distribution Curve



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

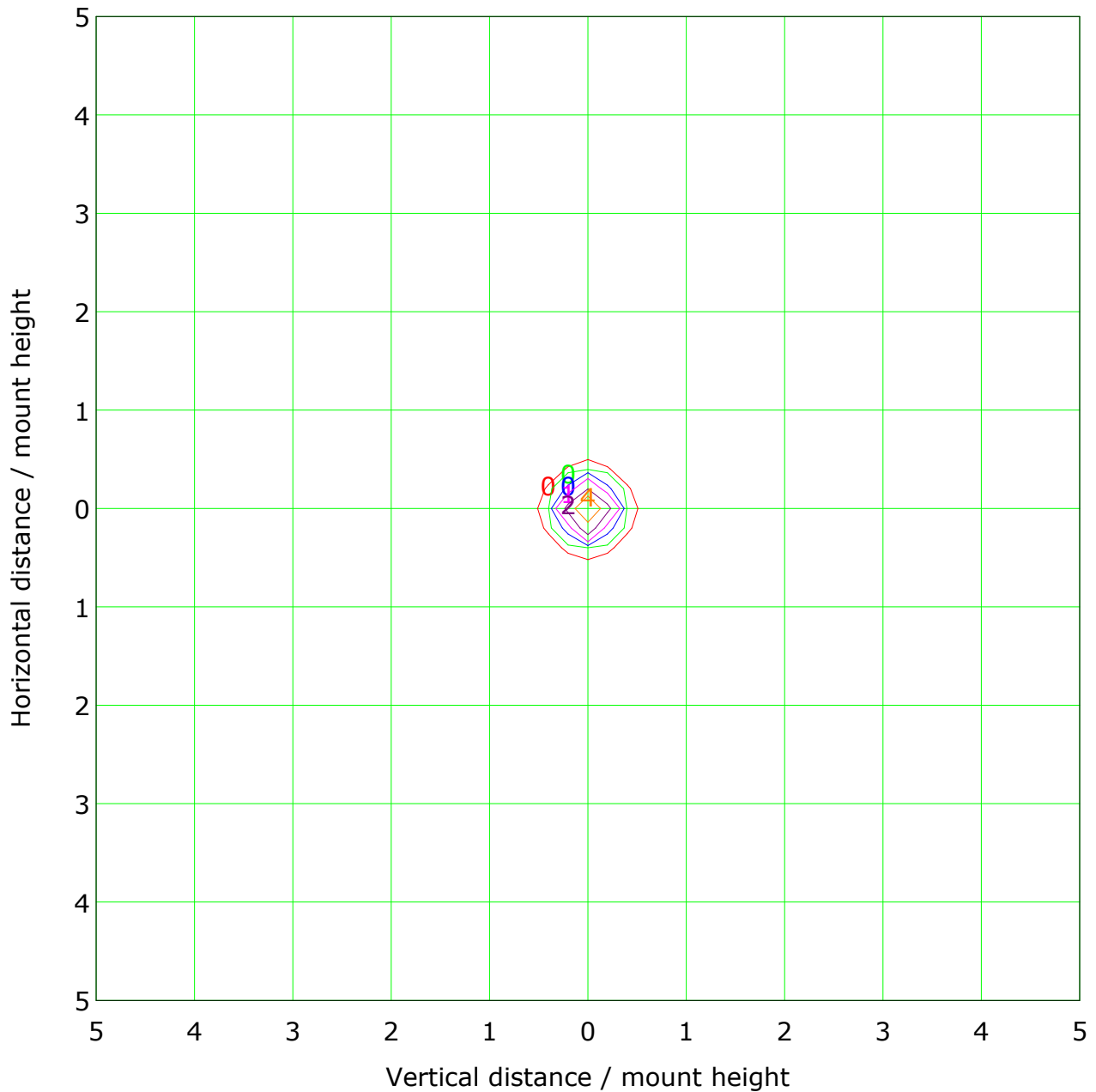
Test Device: CHL-6E

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

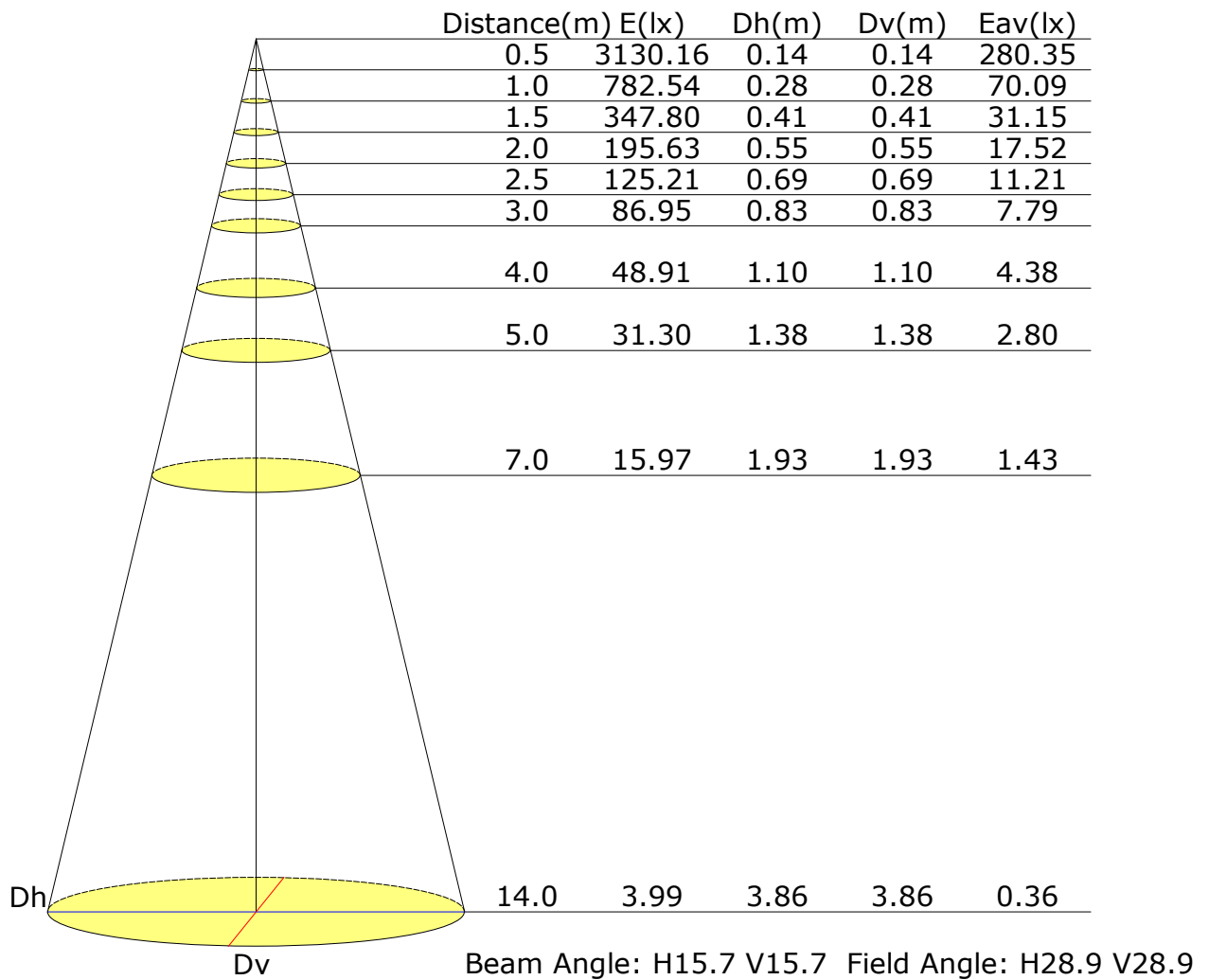
Test Device: CHL-6E

Distance: 3.000 m

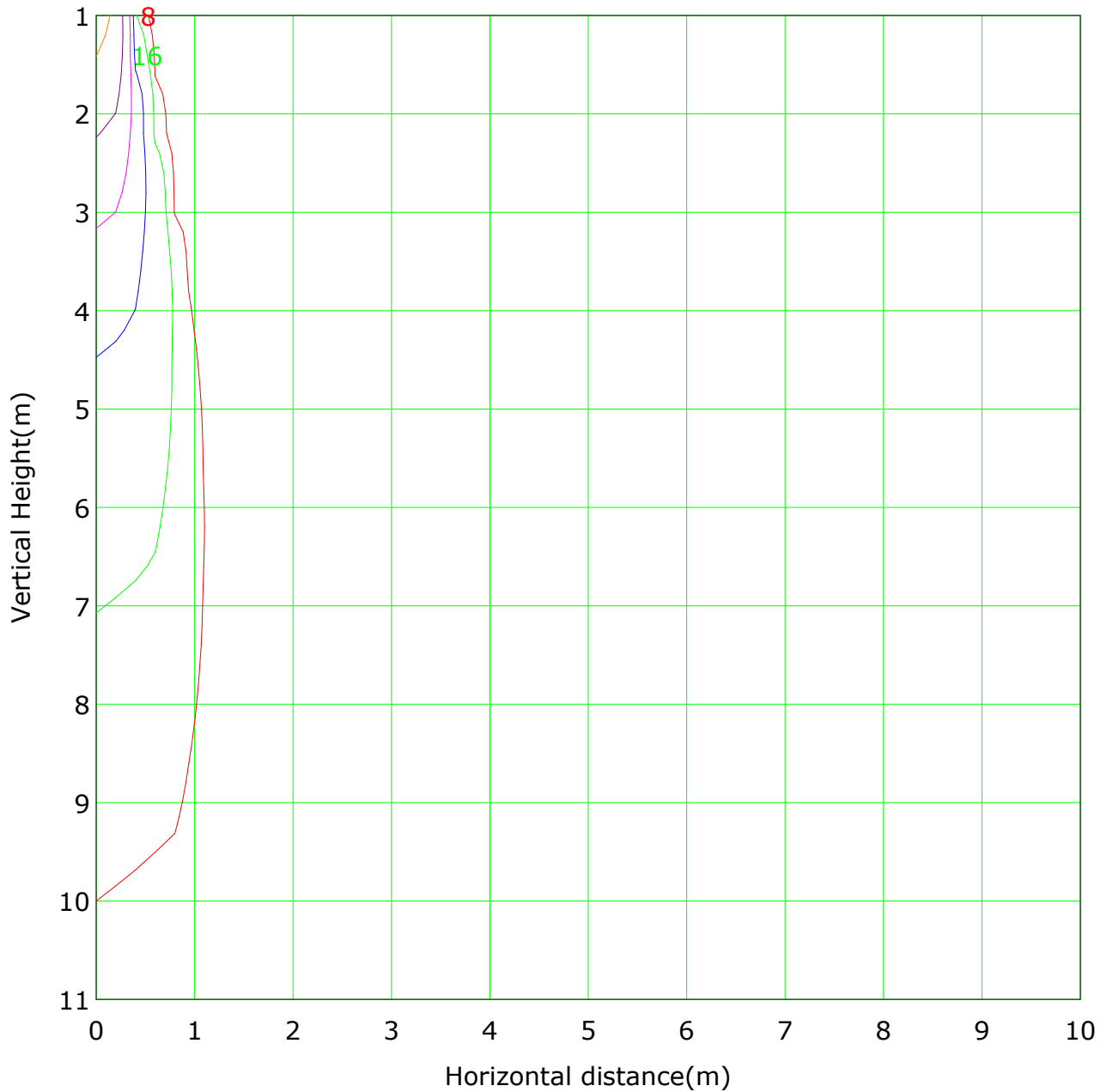
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot

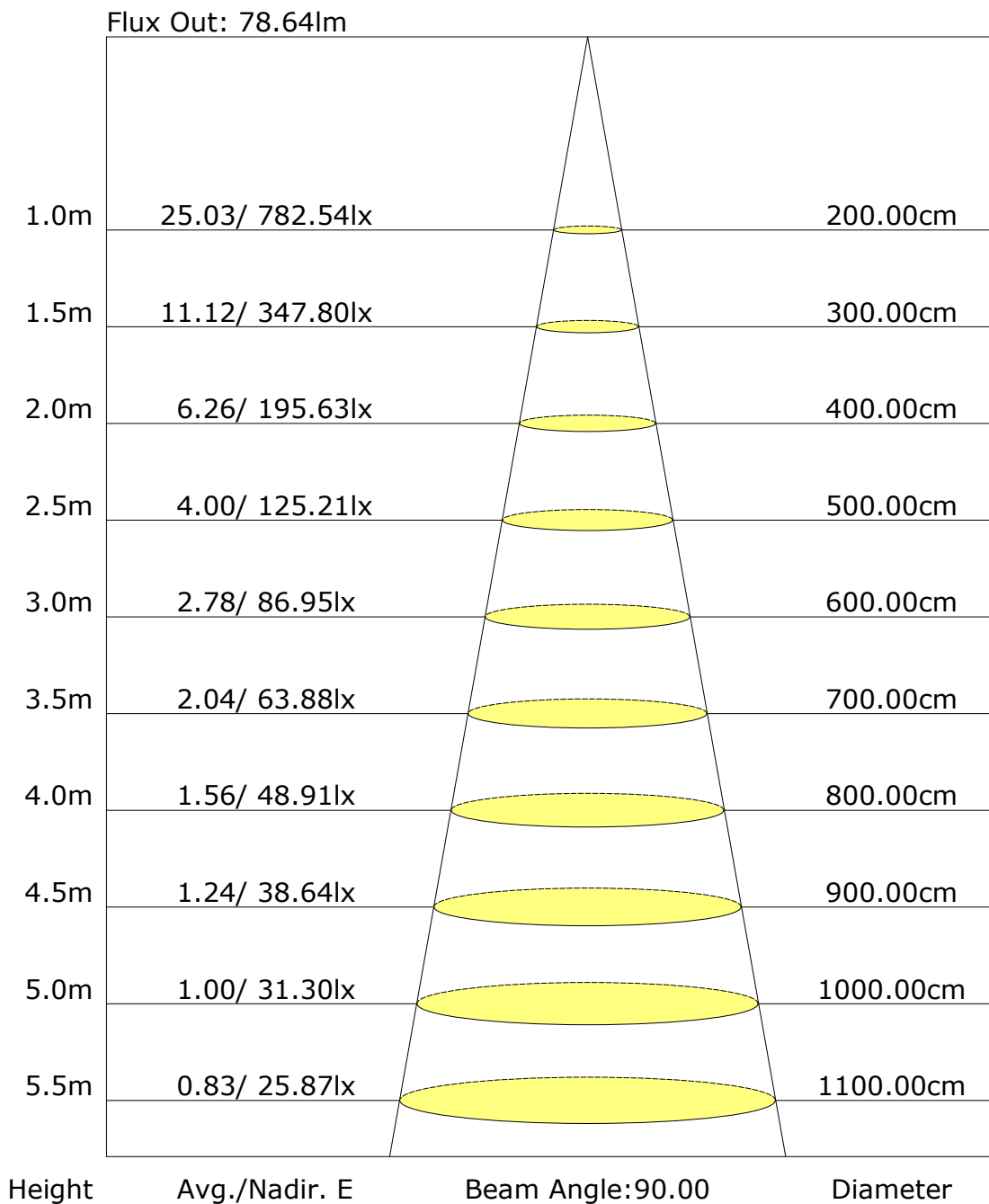


Lowest(m): 1m    Highest(m): 11    Max Lux: 783  
— ( 1%):    8 lx                      — ( 2%):    16 lx  
— ( 5%):    39 lx                      — ( 10%):    78 lx  
— ( 20%):    157 lx                      — ( 50%):    391 lx  
— (100%):    783 lx

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: