

Report No.:

Test Time: 2023-07-03 17:24

## Luminaire Property

Luminaire Category: Citizen 1202 3000K CRI90

Luminaire Description: 93.08411 24D

Voltage: 217.8 V

Current: 0.056 A

Power: 11.10 W

Power Factor: 0.905

## Photometric Results

CIE Class: Direct

Measurement Flux: 856.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H32.2

Vertical Diffuse Angle(50%): V32.2

Luminaire Efficacy Rating (LER): 77

Max. Intensity: 2727.24 cd

Total Rated Lamp Lumens: 856.3 lm

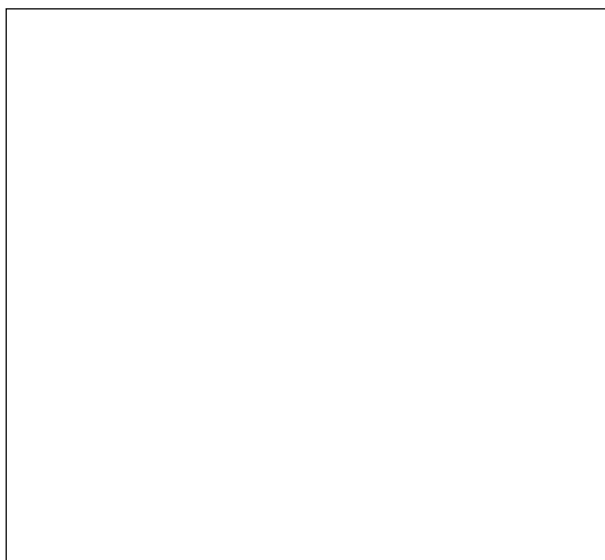
Efficiency: 100%

Upward Ratio: 0%

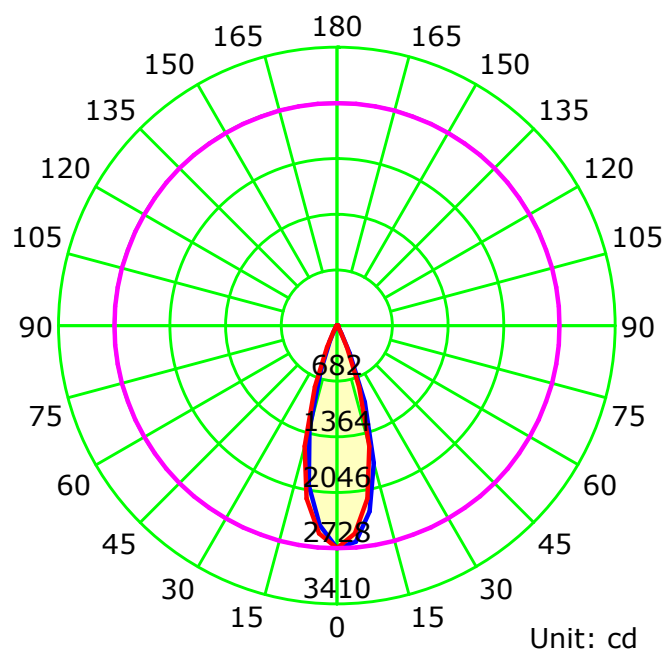
Central Intensity: 2727.24 cd

Pos of Max. Intensity: H0 V0

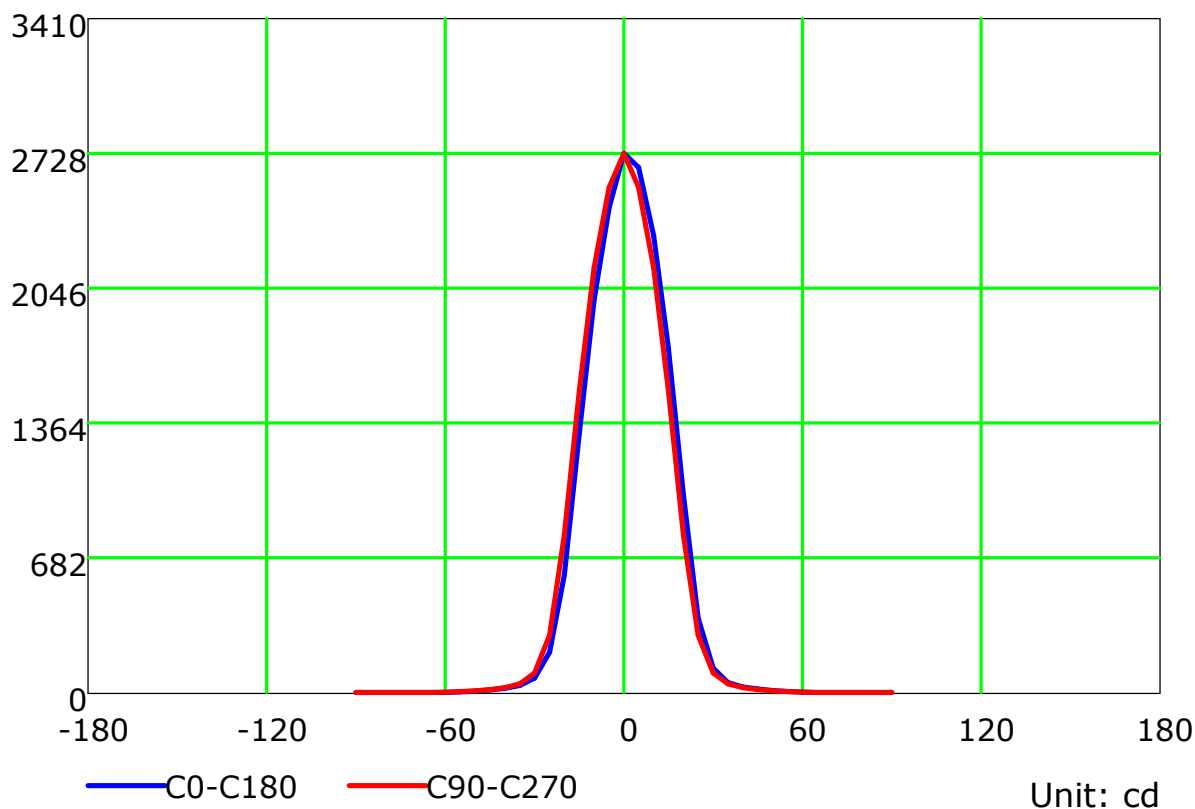
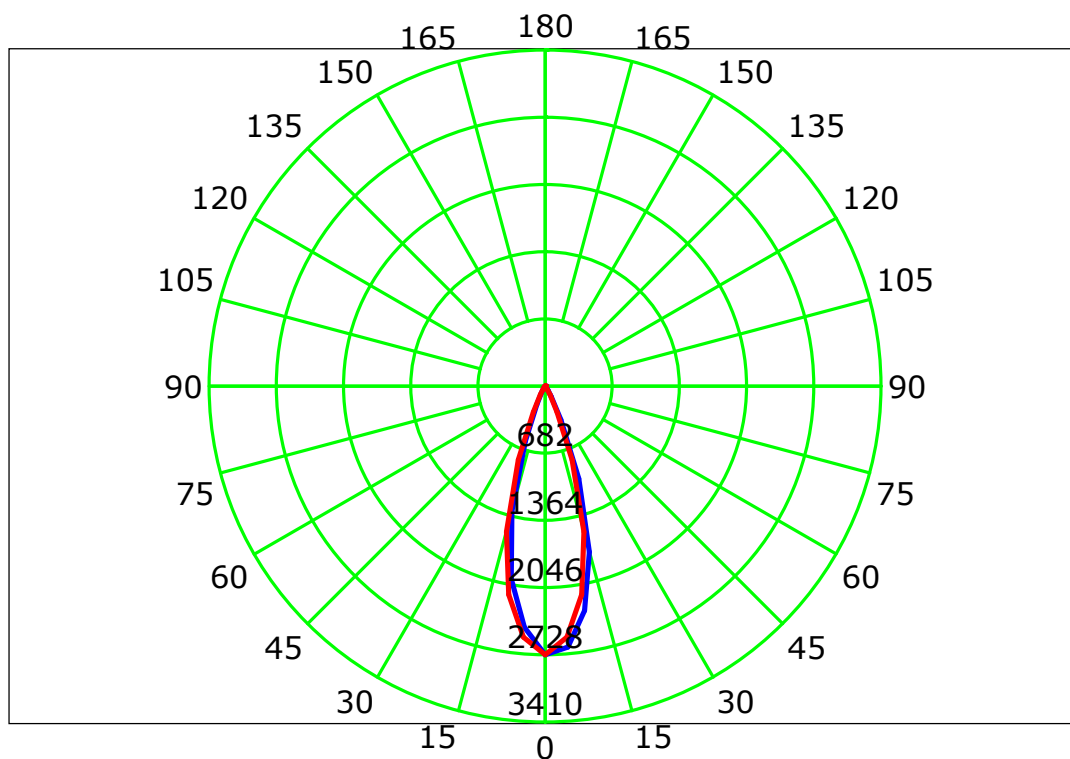
Picture Of Luminaire



Luminous Intensity Distribution Curve



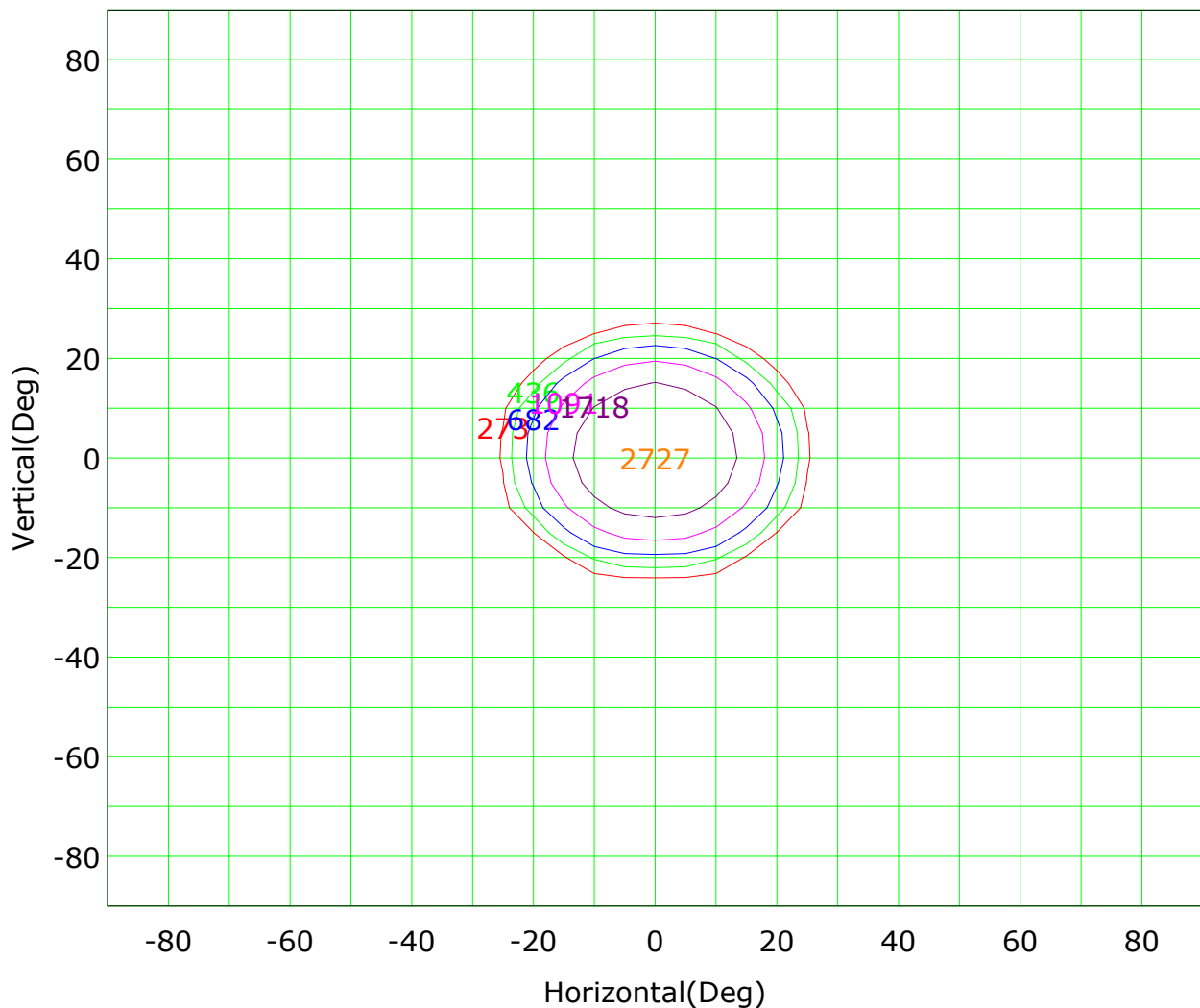
## Luminous Intensity Distribution Curve



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%): 2727 cd

( 10%): 273 cd	( 16%): 436 cd
( 25%): 682 cd	( 40%): 1091 cd
( 63%): 1718 cd	(100%): 2727 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

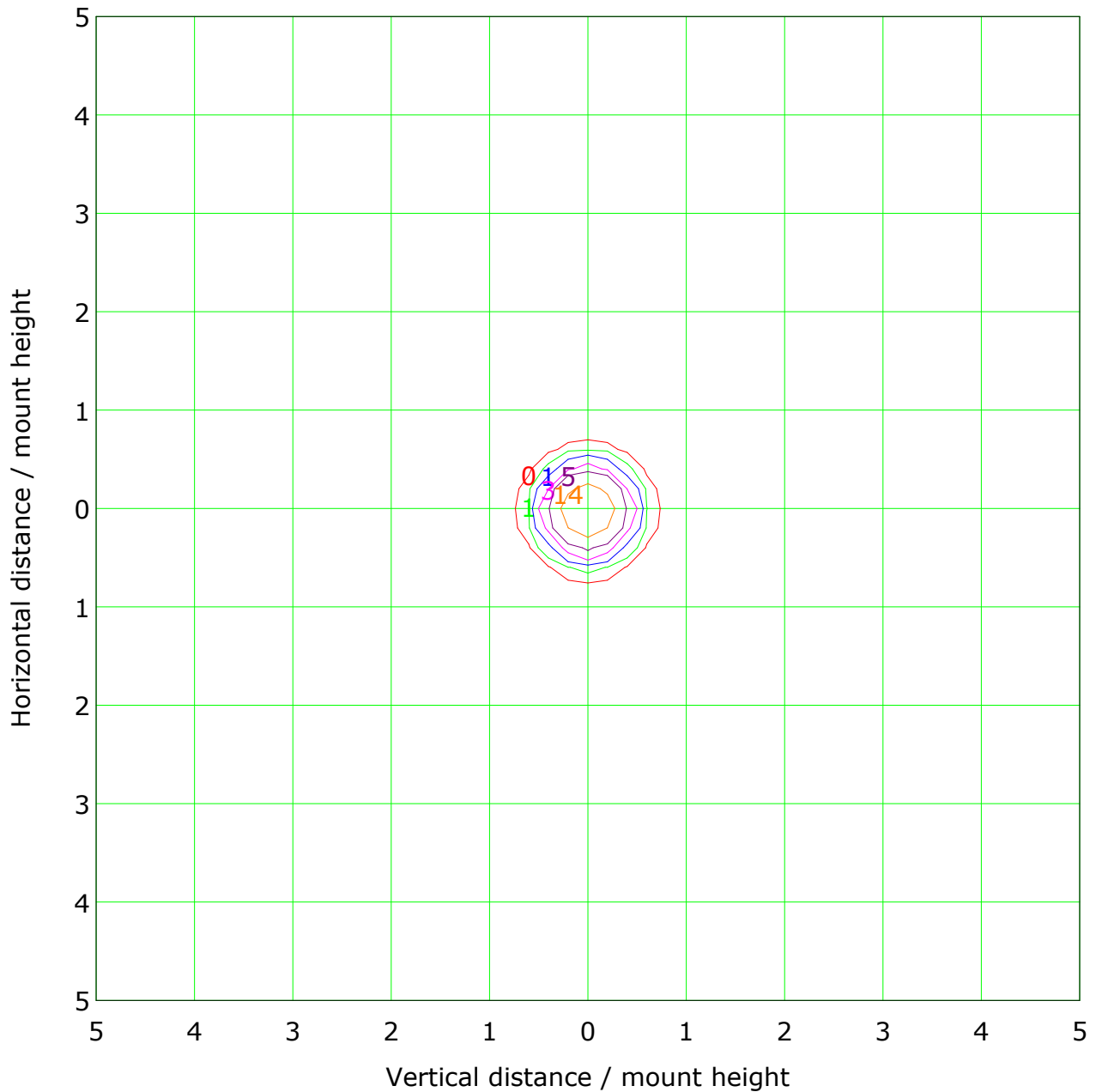
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 27 lx	
( 1%):	0 lx	( 2%):	1 lx
( 5%):	1 lx	( 10%):	3 lx
( 20%):	5 lx	( 50%):	14 lx
(100%):	27 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

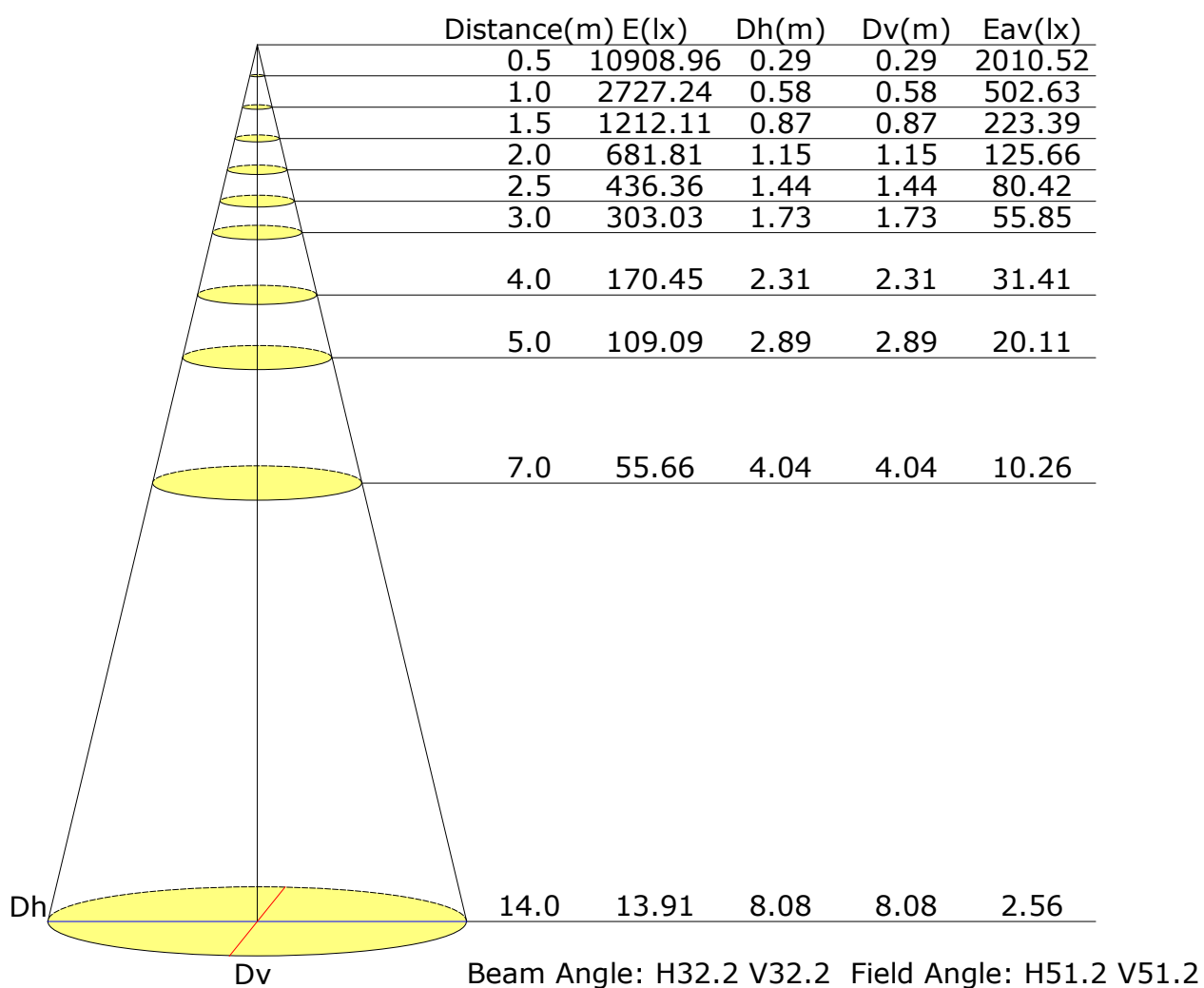
Test Device: CHL-6E

Distance: 3.000 m

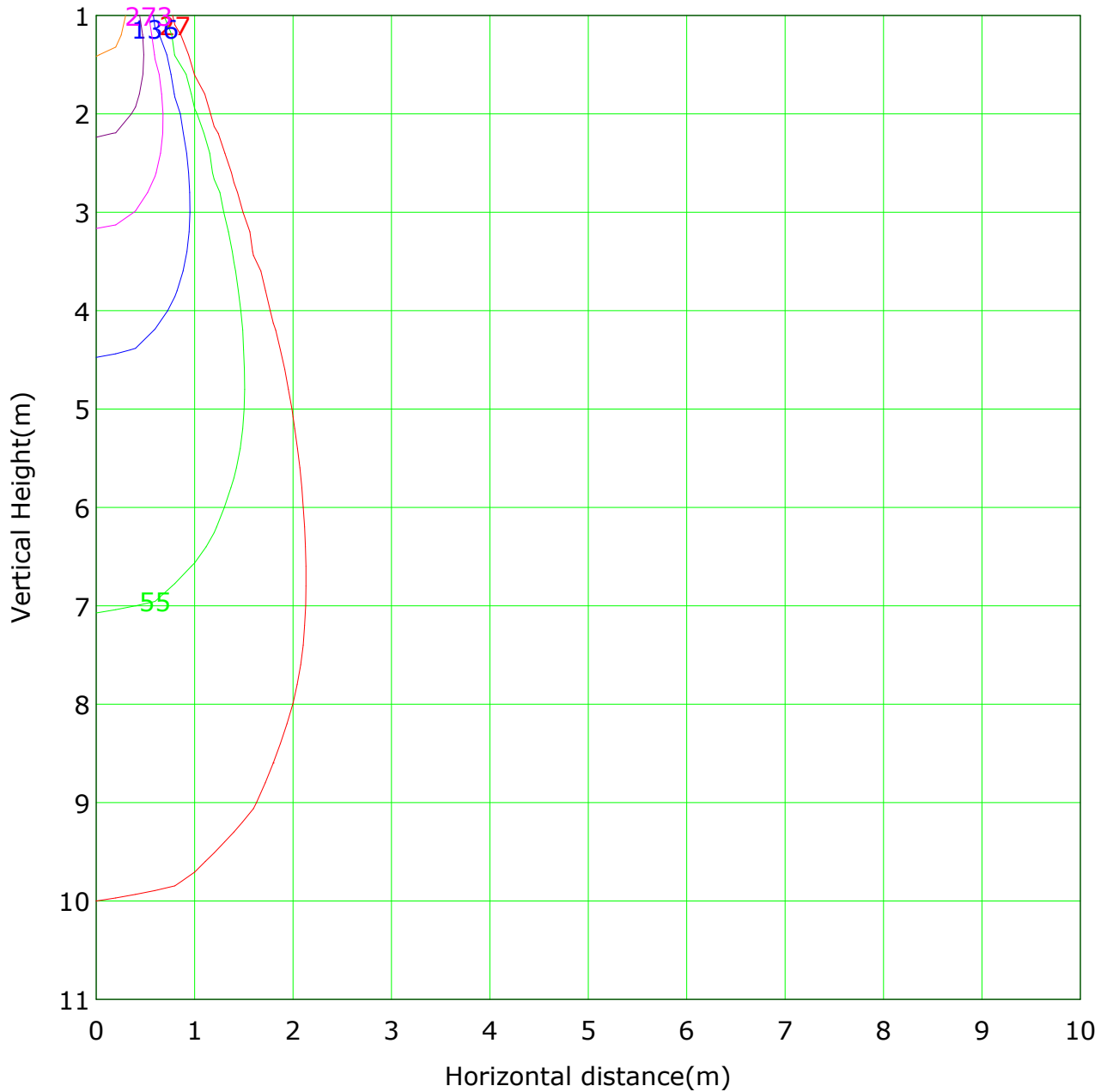
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



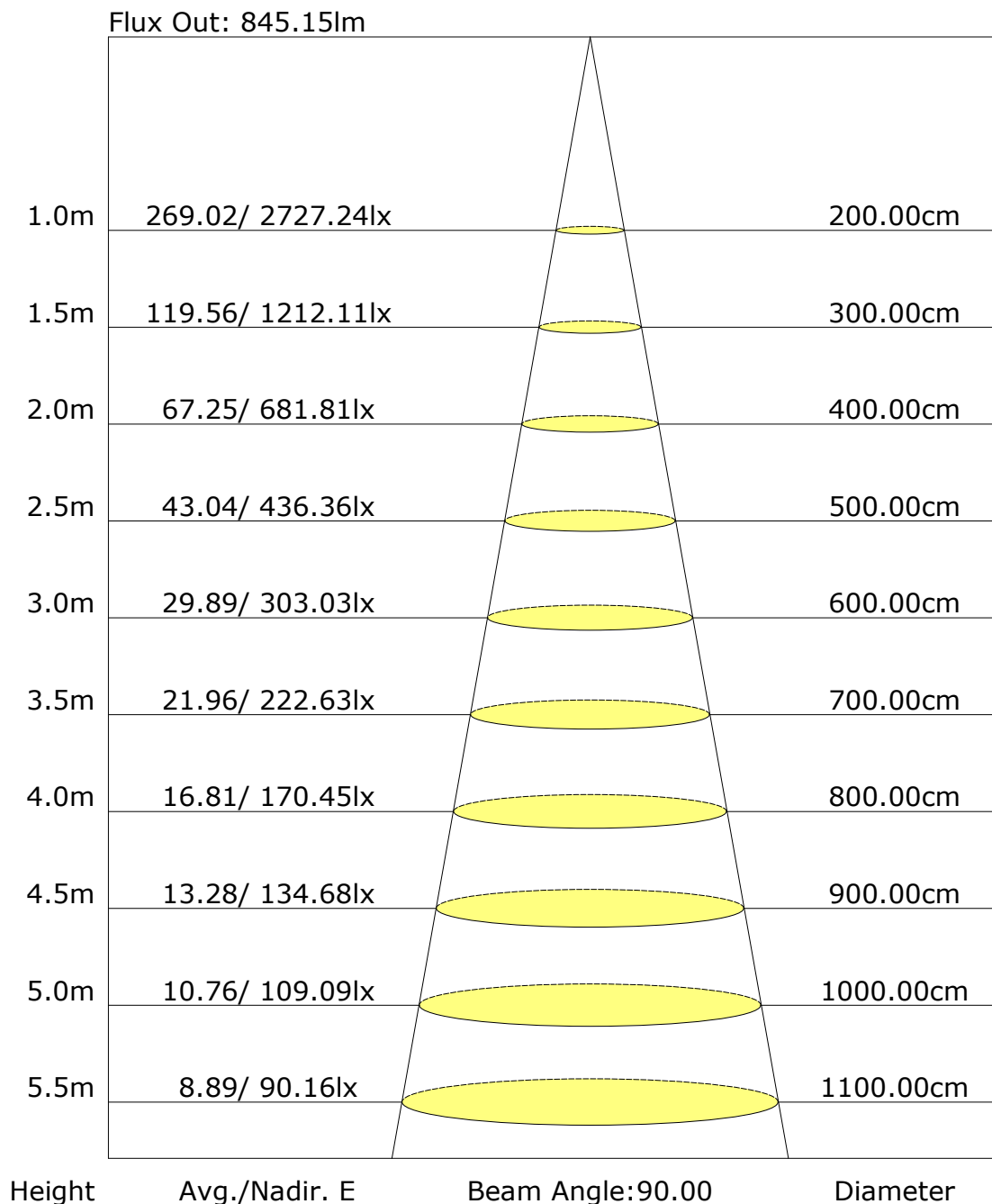
Lowest(m): 1m    Highest(m): 11    Max Lux: 2727

( 1%): 27 lx	( 2%): 55 lx
( 5%): 136 lx	( 10%): 273 lx
( 20%): 545 lx	( 50%): 1364 lx
(100%): 2727 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: