

Report No.: 52.05519 PURE Downlight

Test Time: 2023-06-03 20:35

## Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Luminaire Description: 48D

Current: 0.040 A

Power Factor: 0.933

Voltage: 228.1 V

Power: 8.60 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 314.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H48.5

Vertical Diffuse Angle(50%): V48.5

Luminaire Efficacy Rating (LER): 37

Max. Intensity: 426.93 cd

Total Rated Lamp Lumens: 314.9 lm

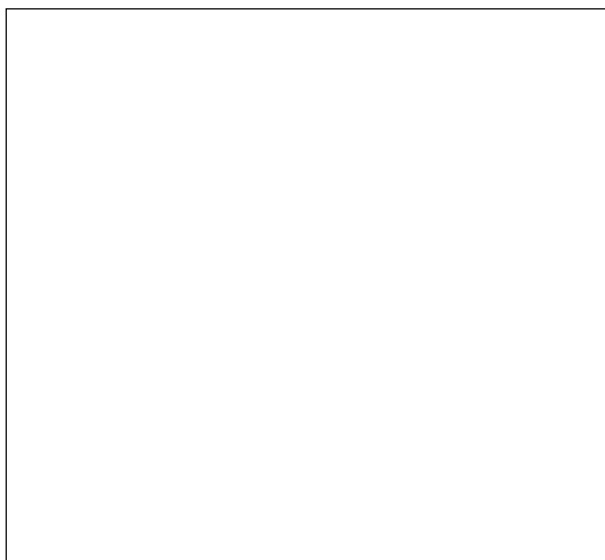
Efficiency: 100%

Upward Ratio: 0%

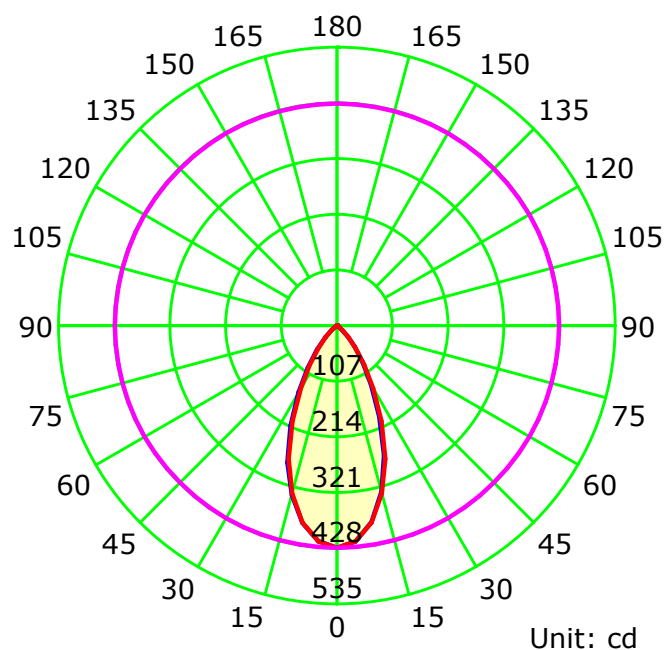
Central Intensity: 426.93 cd

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

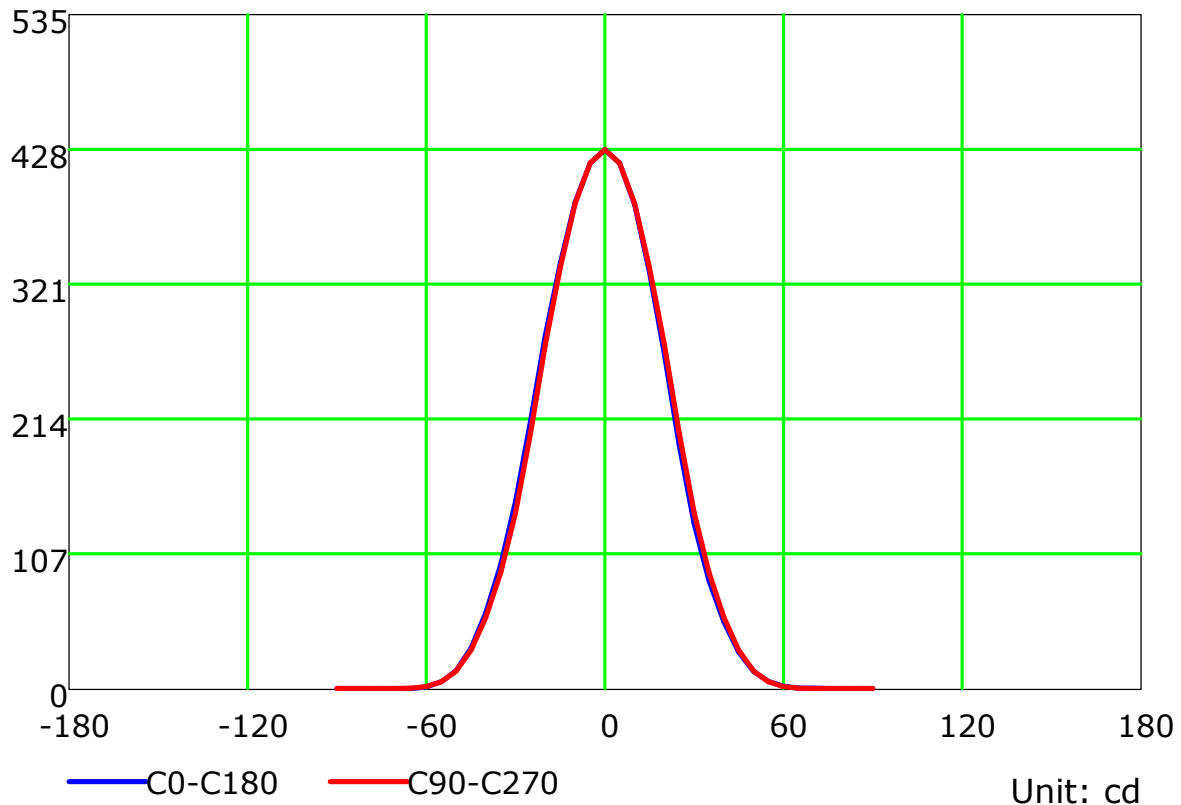
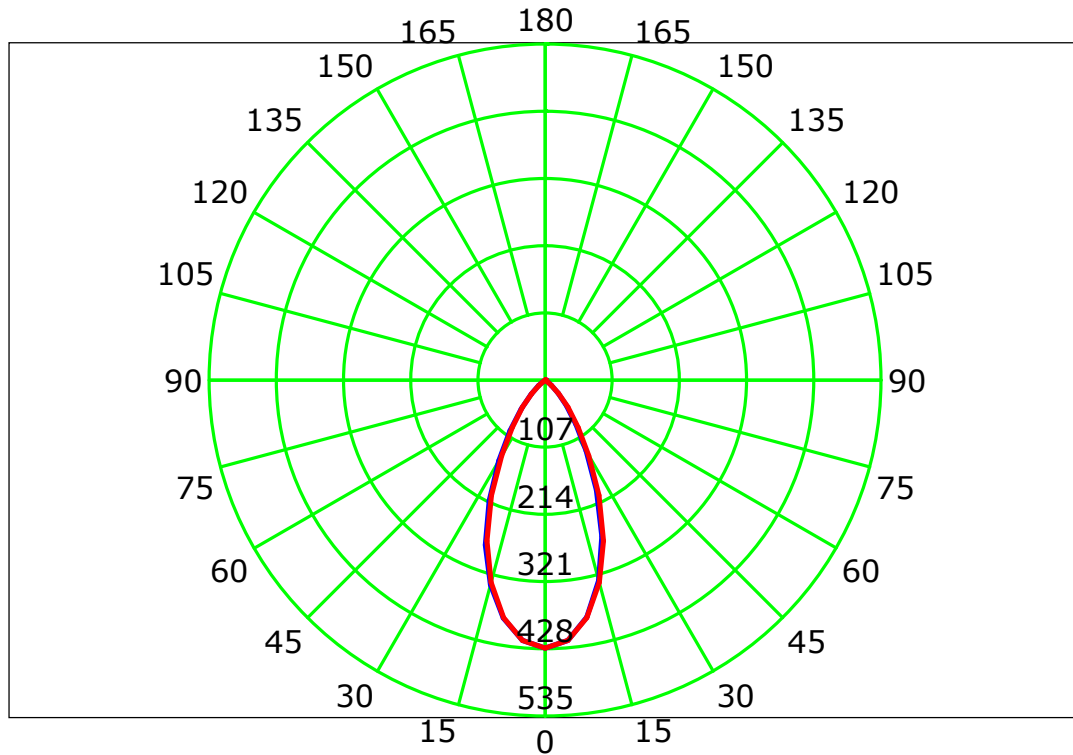
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

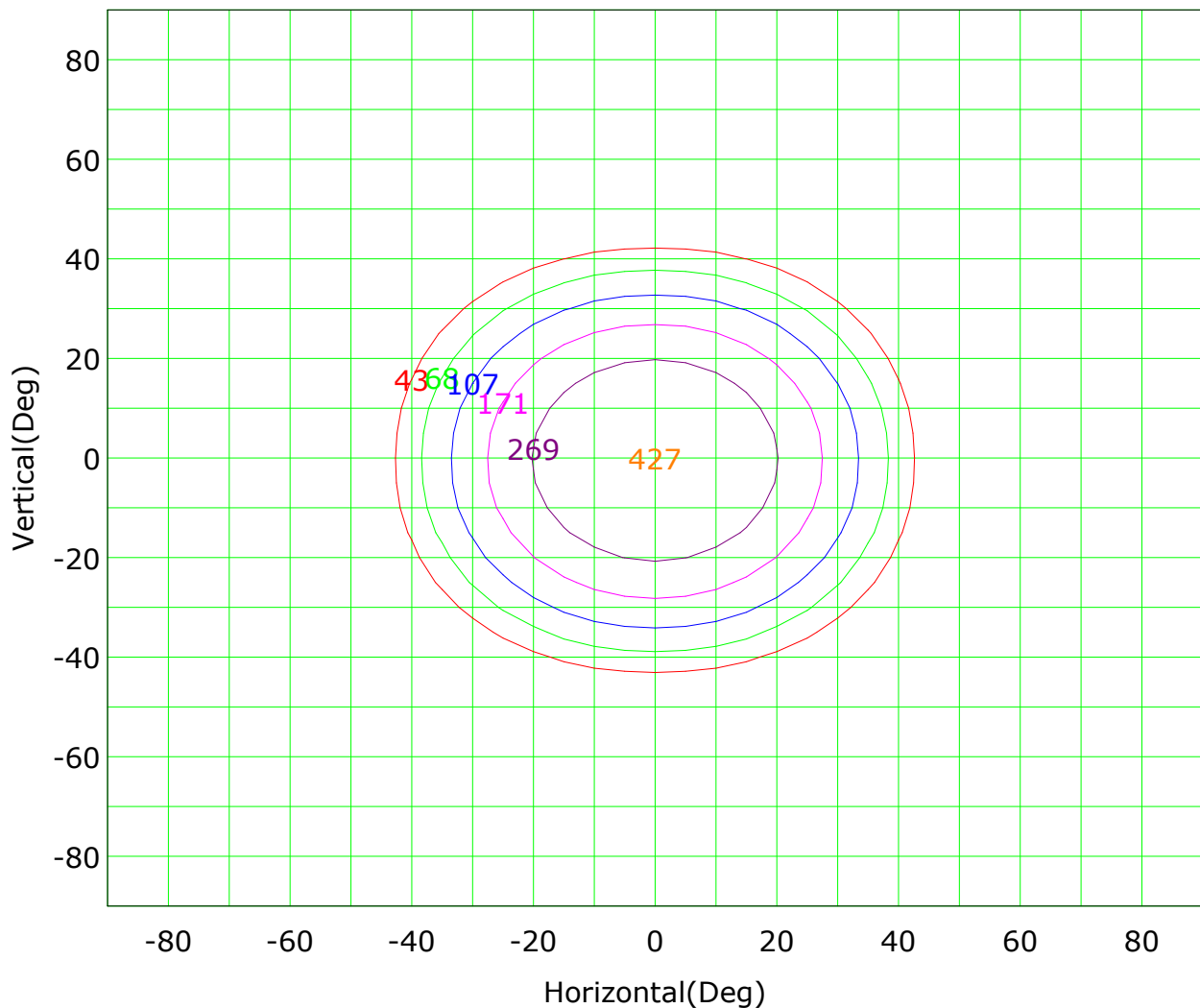
## Luminous Intensity Distribution Curve



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%): 427 cd

( 10%):	43 cd	( 16%):	68 cd
( 25%):	107 cd	( 40%):	171 cd
( 63%):	269 cd	(100%):	427 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

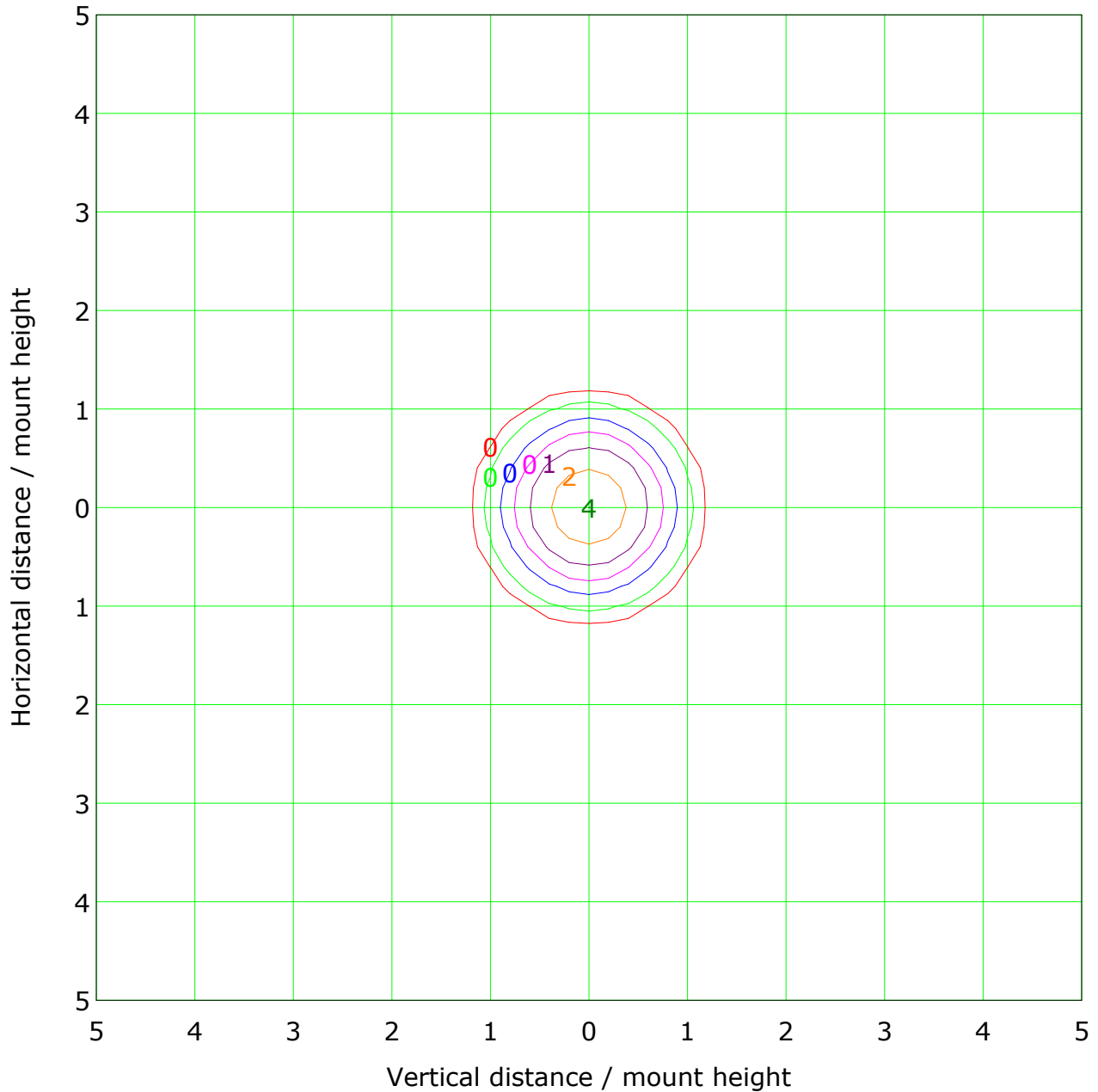
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

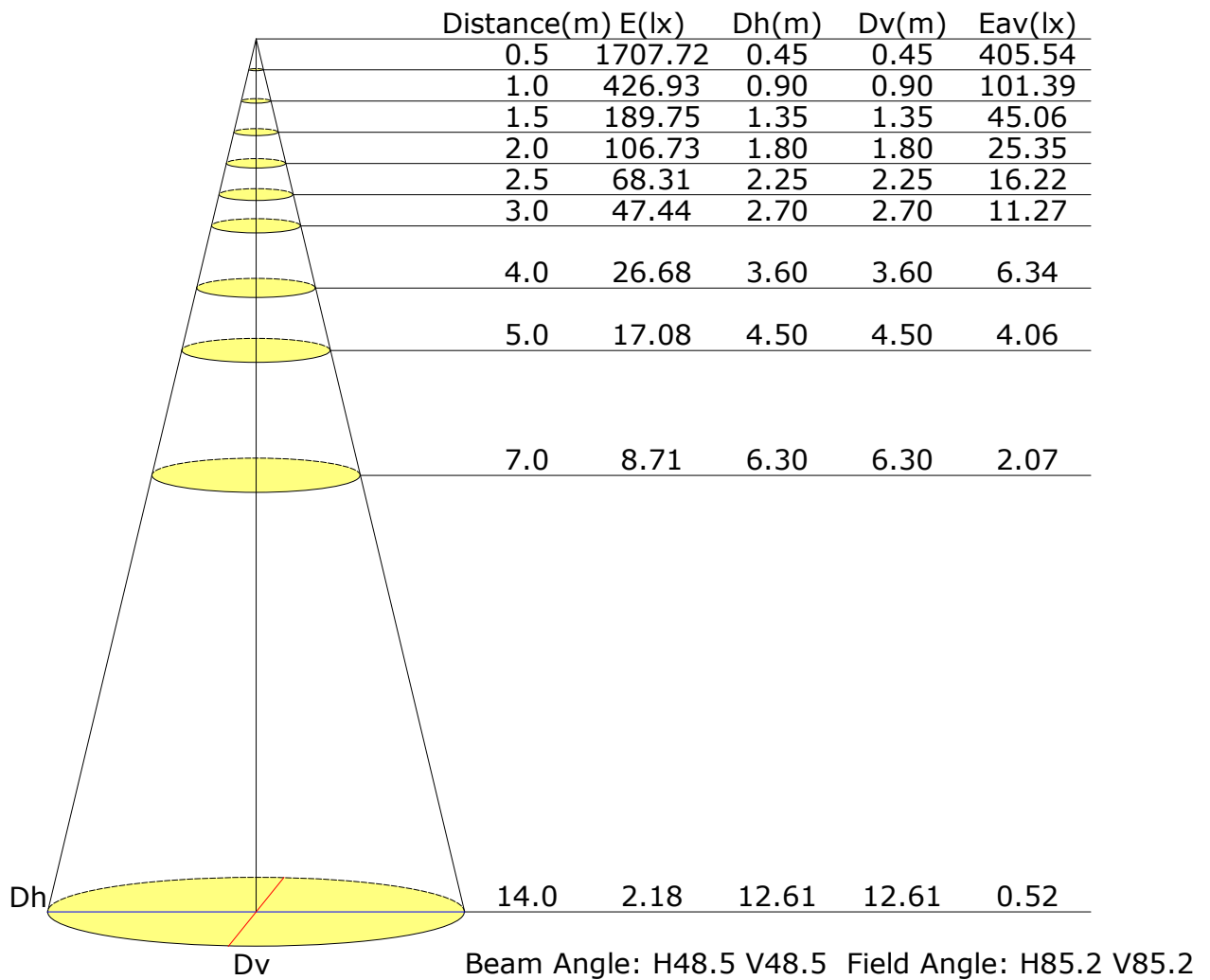


Mounting Height: 10m    Max Lux(100%): 4 lx			
— ( 1%):	0 lx	— ( 2%):	0 lx
— ( 5%):	0 lx	— ( 10%):	0 lx
— ( 20%):	1 lx	— ( 50%):	2 lx
— (100%):	4 lx		

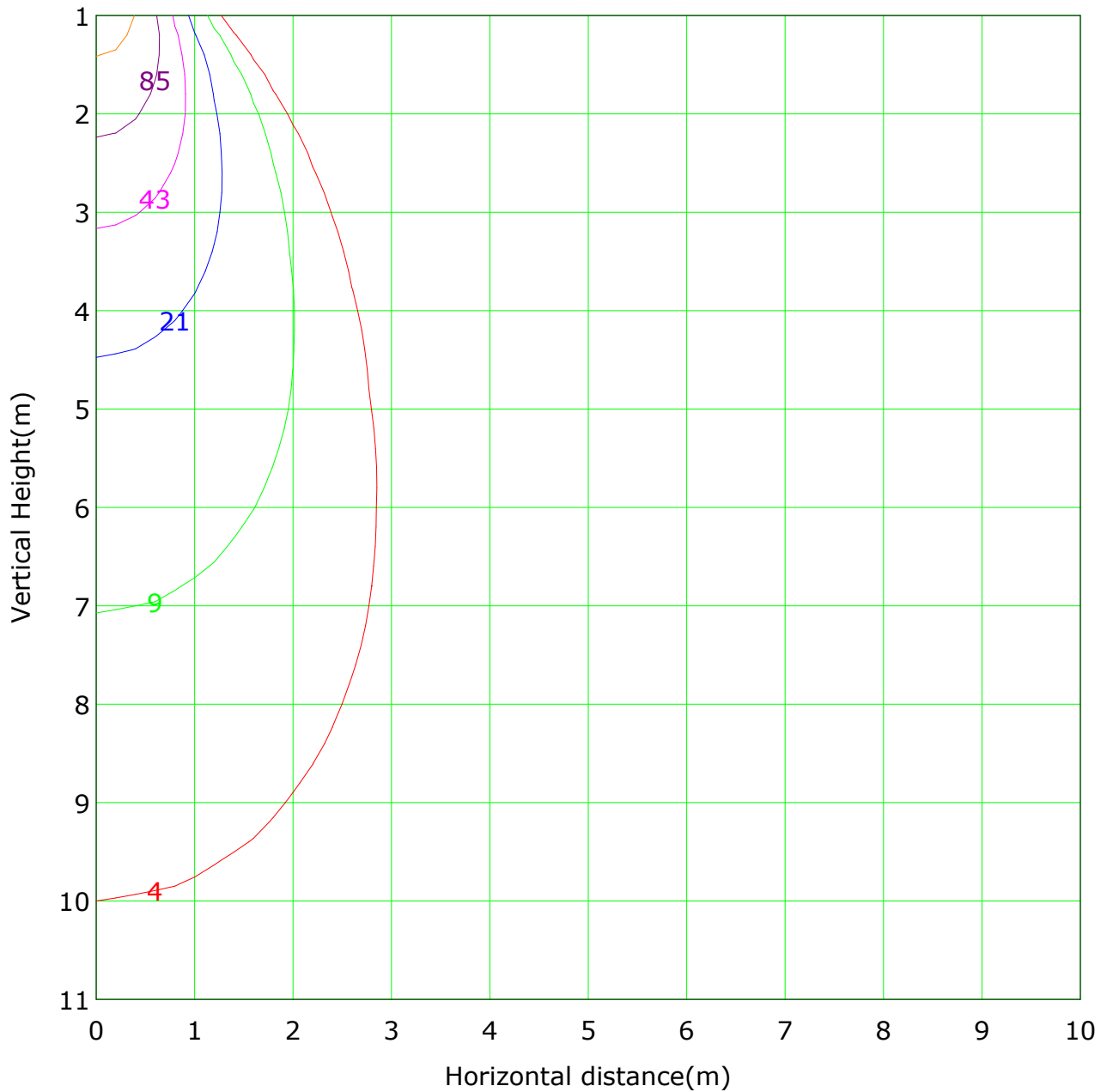
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



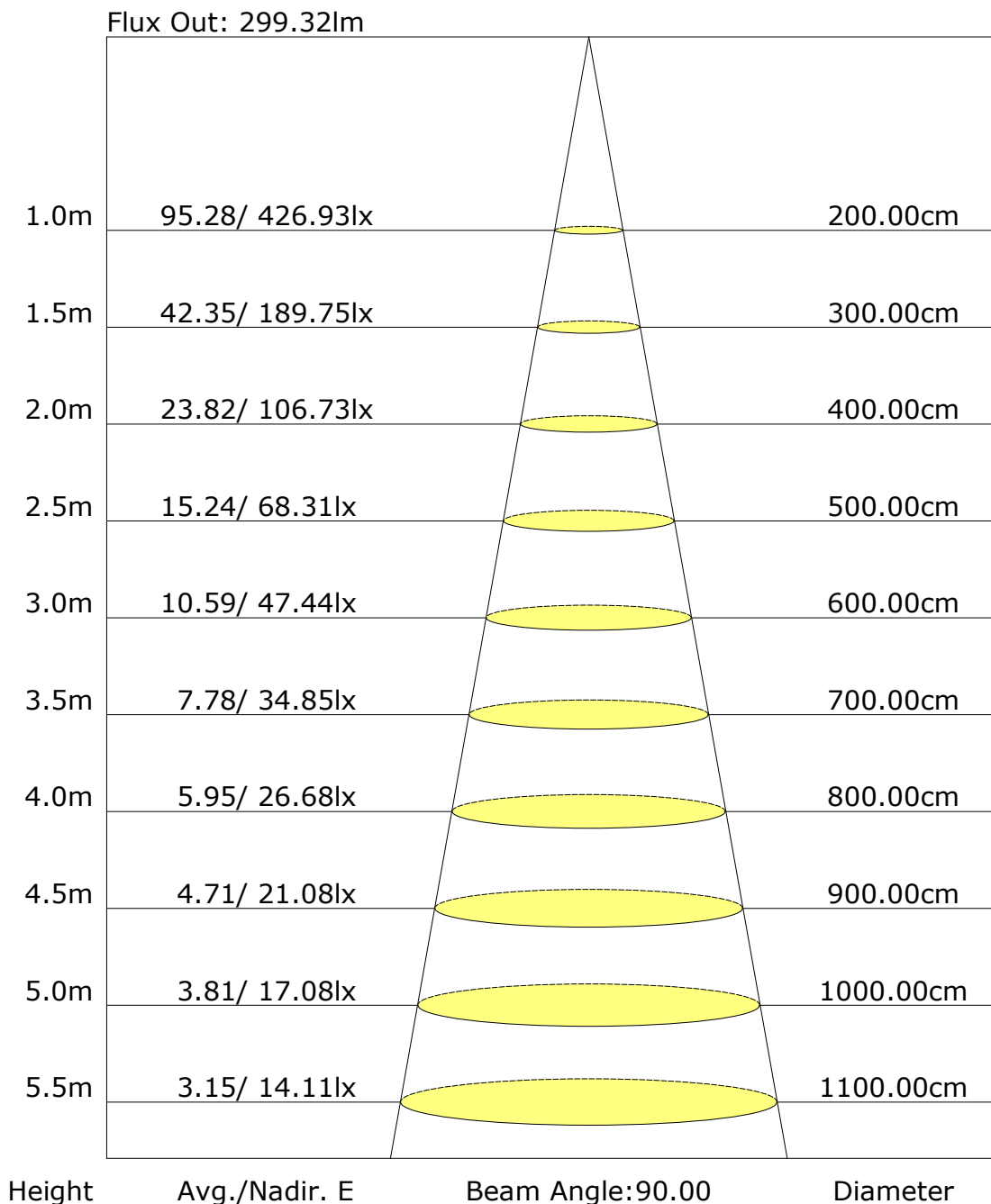
Lowest(m): 1m    Highest(m): 11    Max Lux: 427

( 1%): 4 lx	( 2%): 9 lx
( 5%): 21 lx	( 10%): 43 lx
( 20%): 85 lx	( 50%): 213 lx
(100%): 427 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: