

Report No.: 62.05512 FOS Tracklight

Test Time: 2023-07-07 23:03

## Luminaire Property

Luminaire Category: Citizen 1204 3000K CRI90

Luminaire Description: 53D

Current: 0.230 A

Power Factor: 0.547

Voltage: 215.6 V

Power: 27.20 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 1870.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H53

Vertical Diffuse Angle(50%): V53

Luminaire Efficacy Rating (LER): 69

Max. Intensity: 2629.89 cd

Total Rated Lamp Lumens: 1870.1 lm

Efficiency: 100%

Upward Ratio: 0%

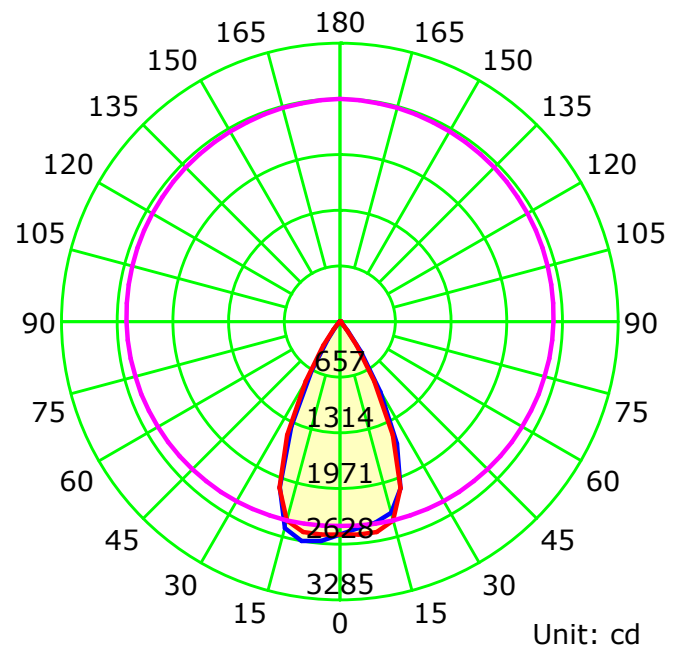
Central Intensity: 2514.68 cd

Pos of Max. Intensity: H180 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G10

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

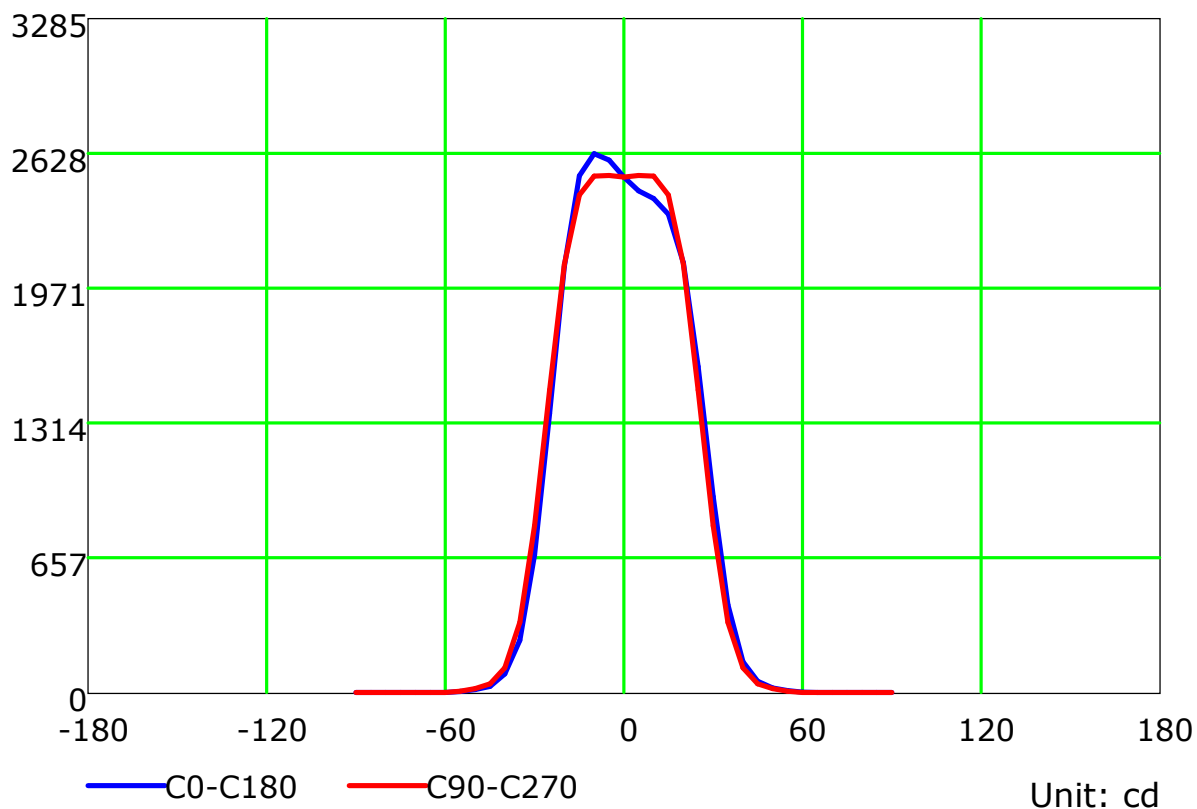
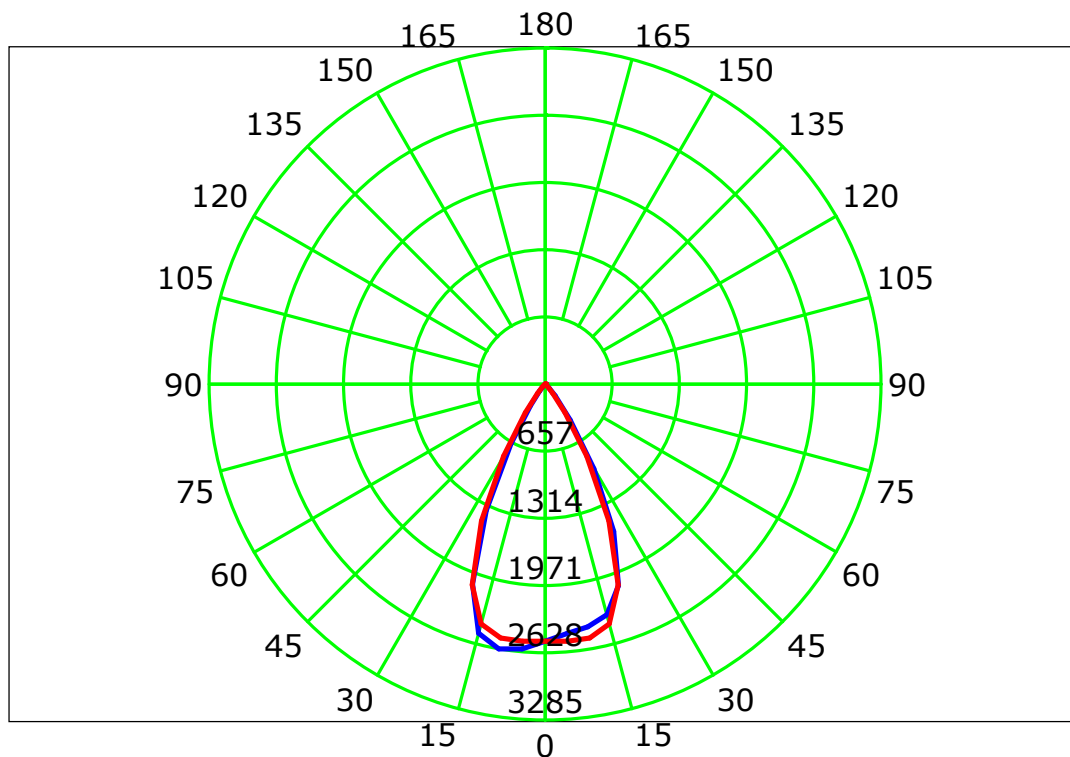
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

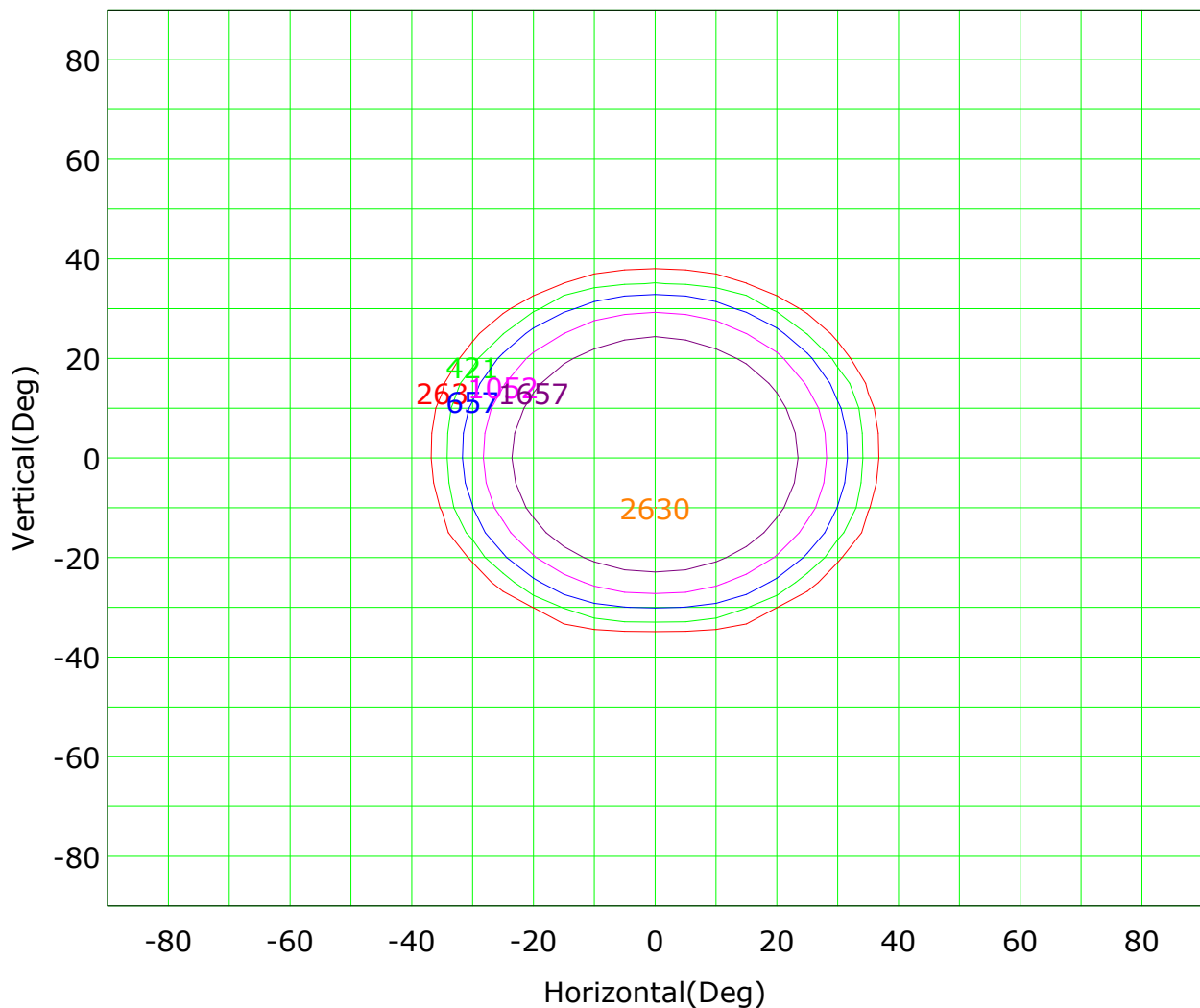
## Luminous Intensity Distribution Curve



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%): 2630 cd

( 10%): 263 cd	( 16%): 421 cd
( 25%): 657 cd	( 40%): 1052 cd
( 63%): 1657 cd	(100%): 2630 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

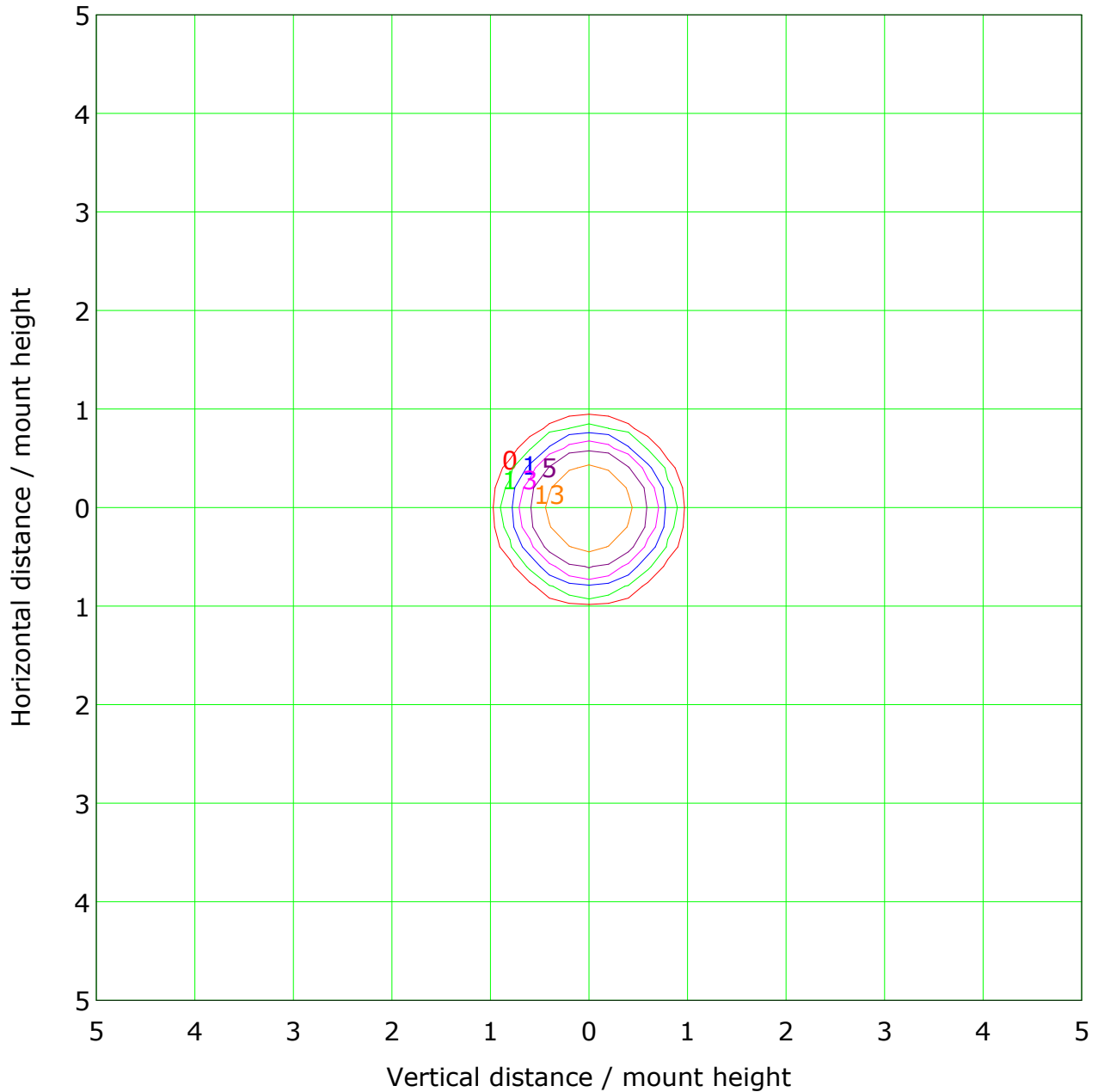
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

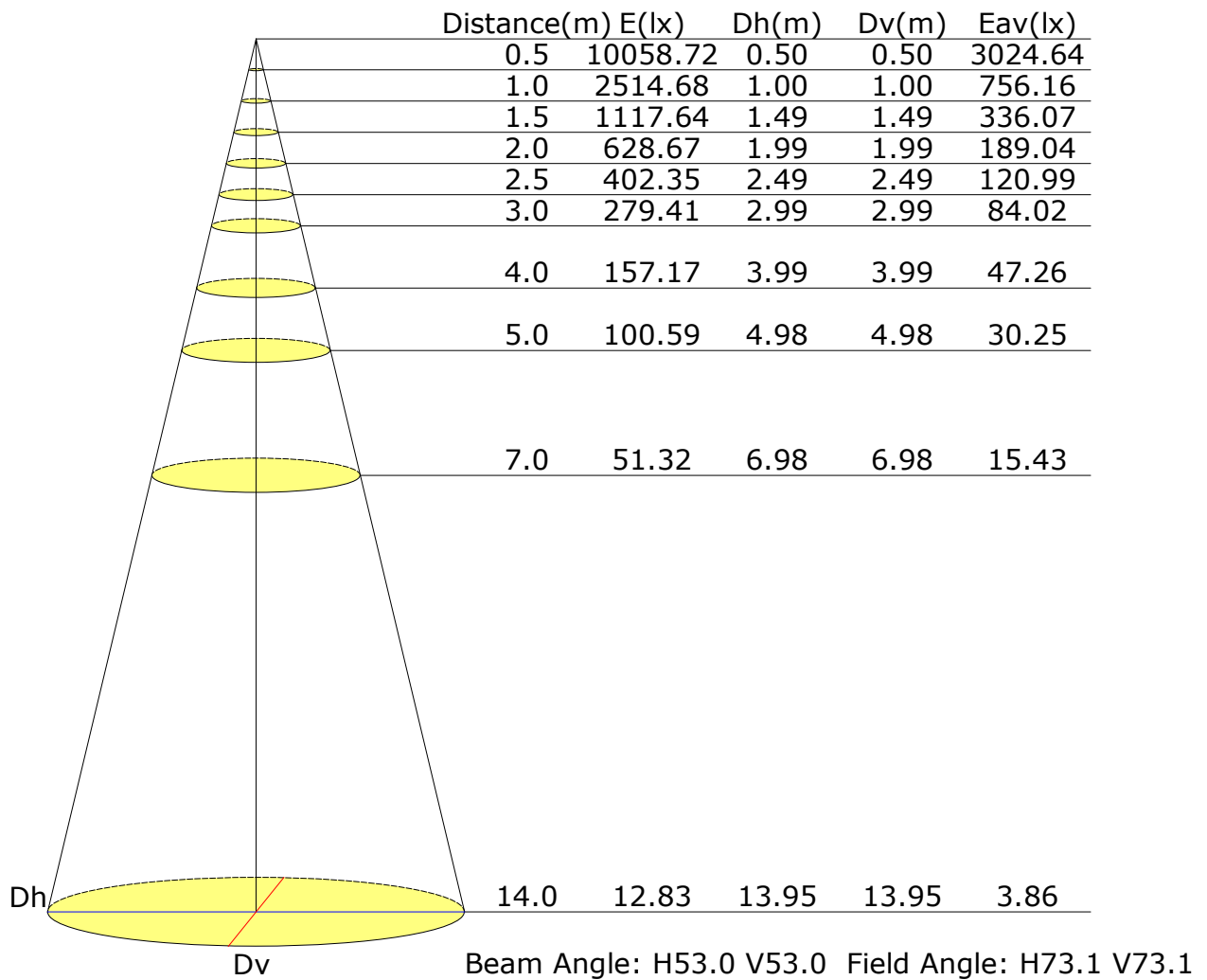


Mounting Height: 10m		Max Lux(100%): 26 lx	
( 1%):	0 lx	( 2%):	1 lx
( 5%):	1 lx	( 10%):	3 lx
( 20%):	5 lx	( 50%):	13 lx
(100%):	26 lx		

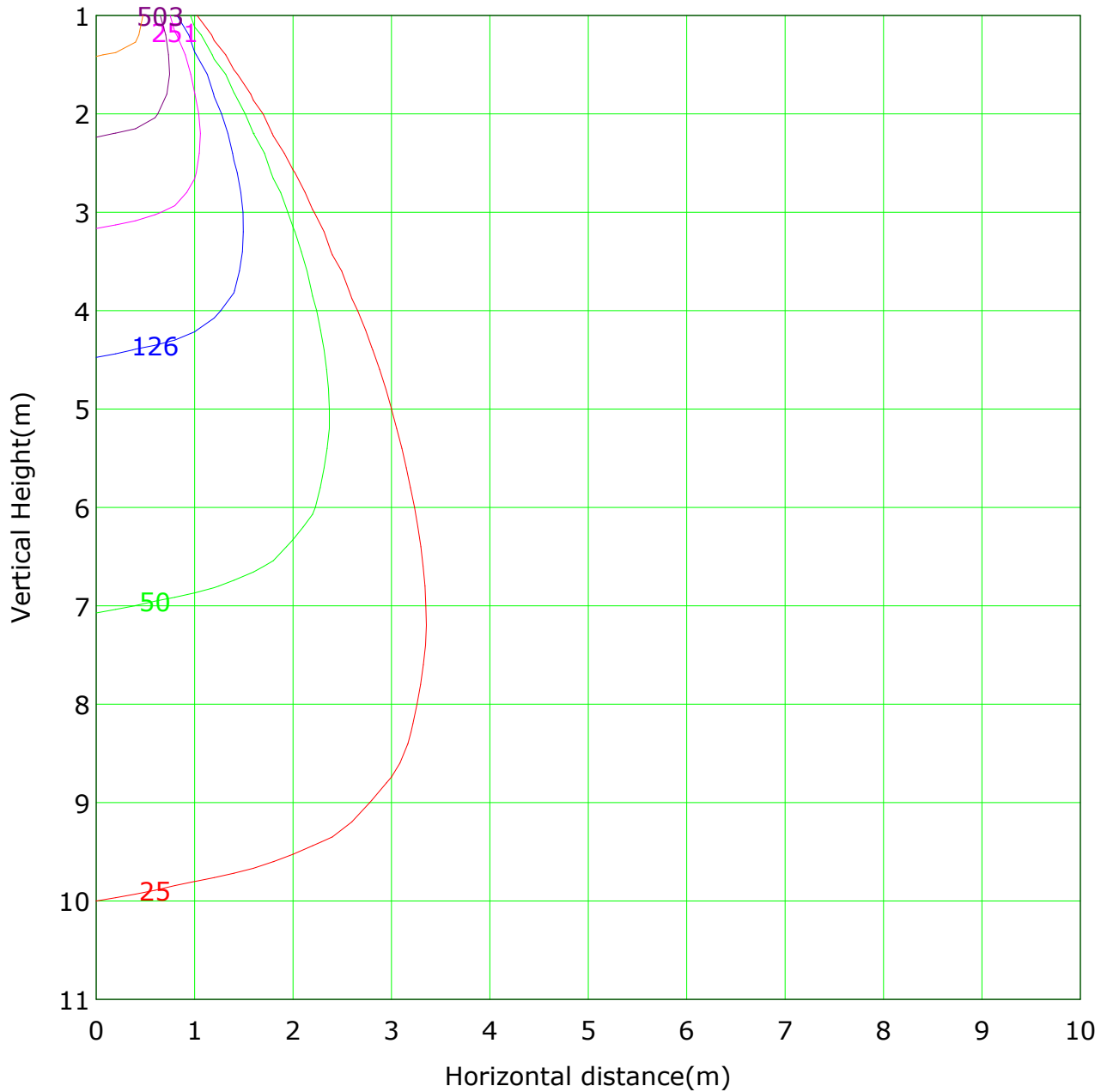
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



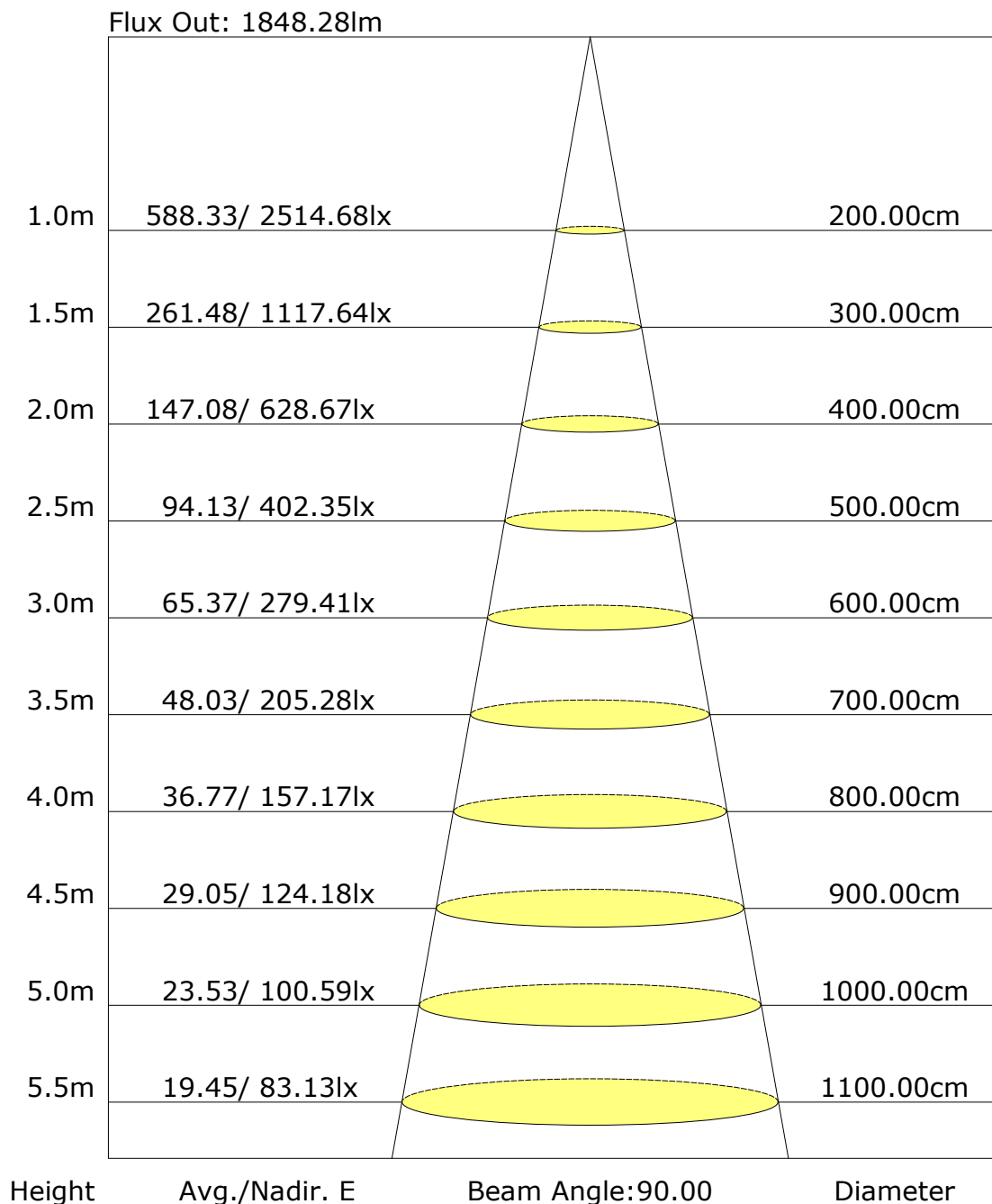
Lowest(m): 1m    Highest(m): 11    Max Lux: 2515

( 1%): 25 lx	( 2%): 50 lx
( 5%): 126 lx	( 10%): 251 lx
( 20%): 503 lx	( 50%): 1257 lx
(100%): 2515 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]

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:



## 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: