

Report No.: 62.07013 OPAL Tracklight

Test Time: 2023-07-08 10:27

## Luminaire Property

Luminaire Category: Citizen 1205 3000K CRI90

Luminaire Description: 43D

Current: 0.259 A

Power Factor: 0.493

Voltage: 212.9 V

Power: 27.30 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 2266 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H43.3

Vertical Diffuse Angle(50%): V43.3

Luminaire Efficacy Rating (LER): 83

Max. Intensity: 4238.48 cd

Total Rated Lamp Lumens: 2266.0 lm

Efficiency: 100%

Upward Ratio: 0%

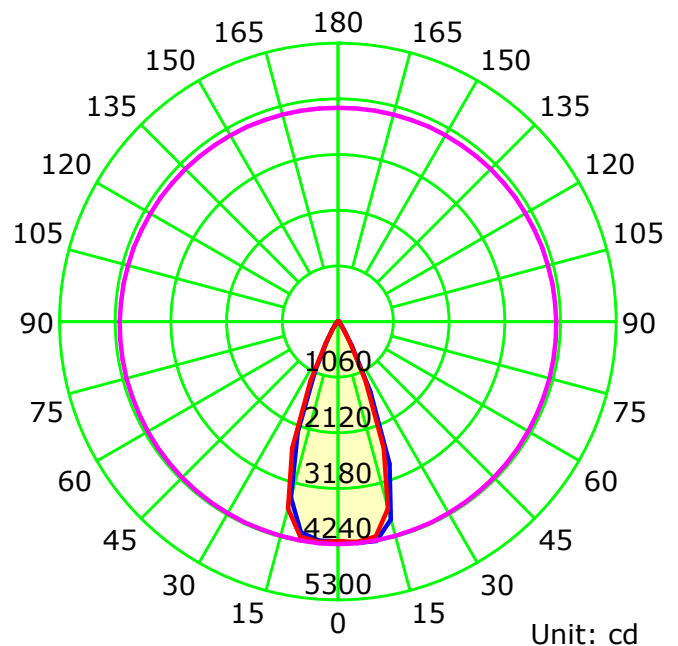
Central Intensity: 4179.72 cd

Pos of Max. Intensity: H0 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

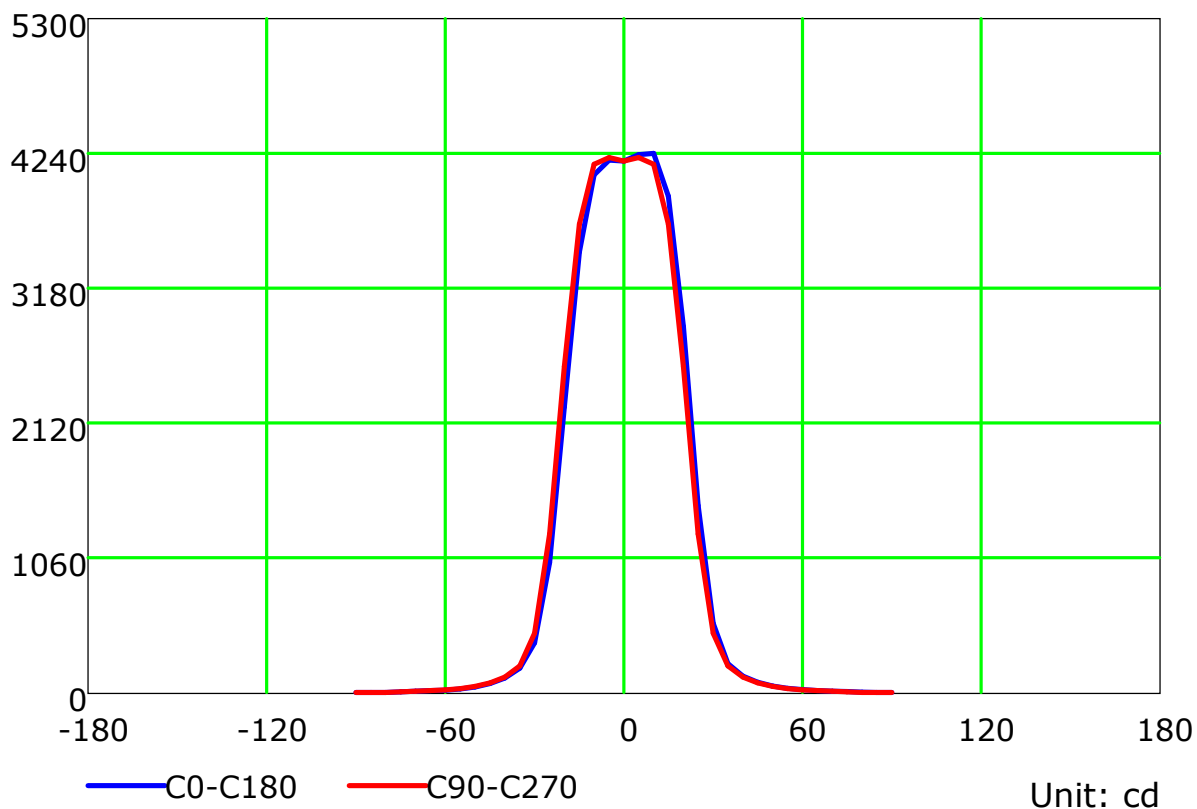
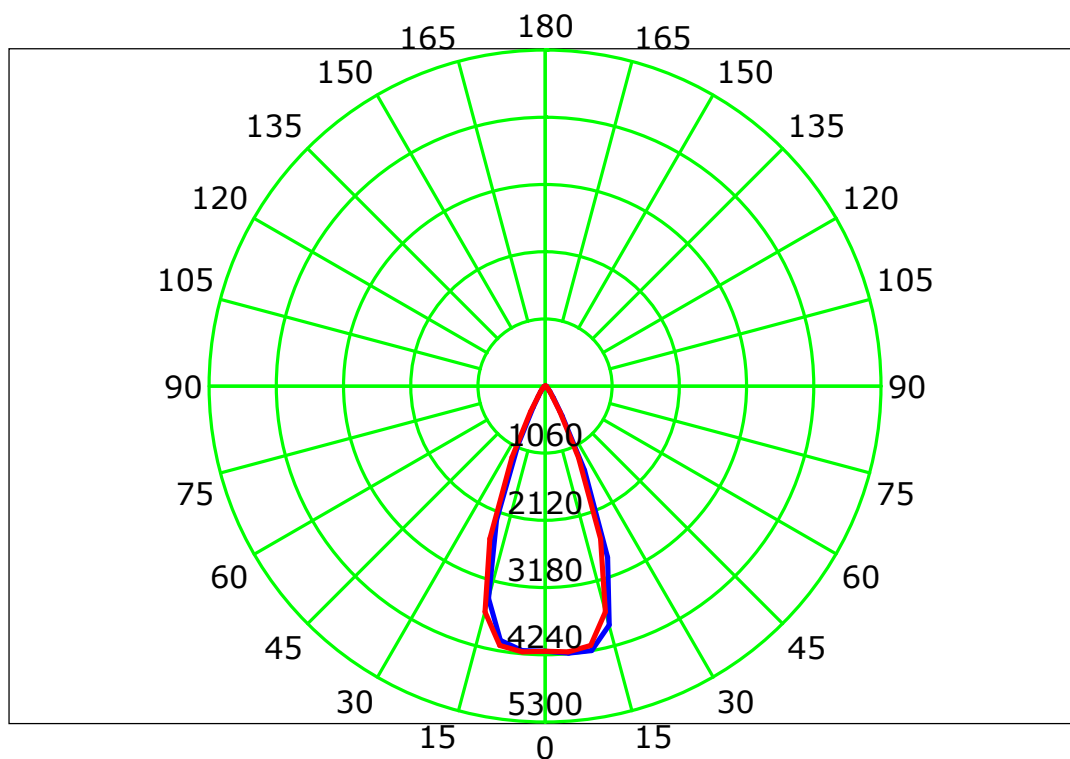
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Luminous Intensity Distribution Curve

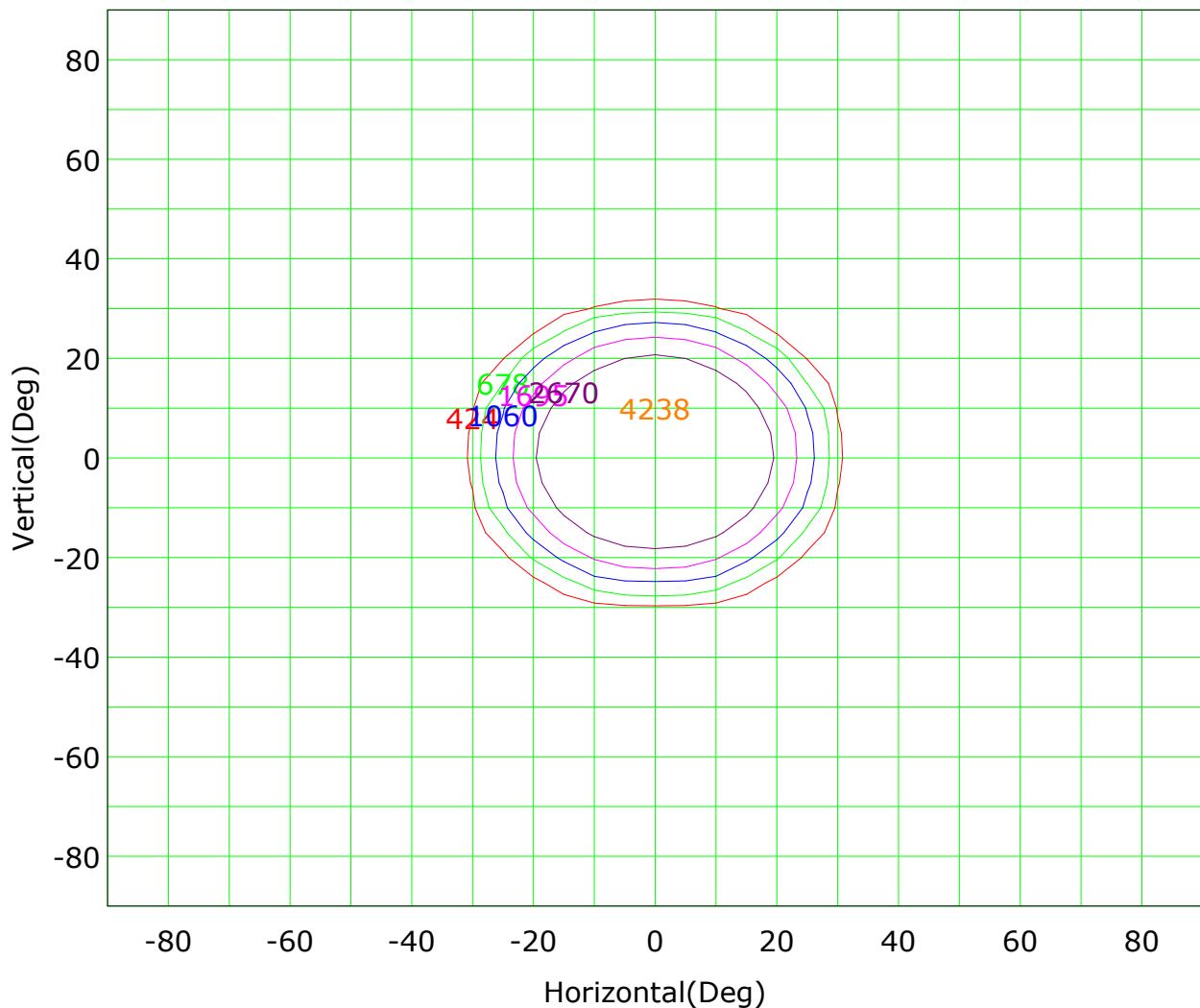


Unit: cd

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:

## Isocandela (rectangle)



Imax (100%): 4238 cd

( 10%): 424 cd	( 16%): 678 cd
( 25%): 1060 cd	( 40%): 1695 cd
( 63%): 2670 cd	(100%): 4238 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

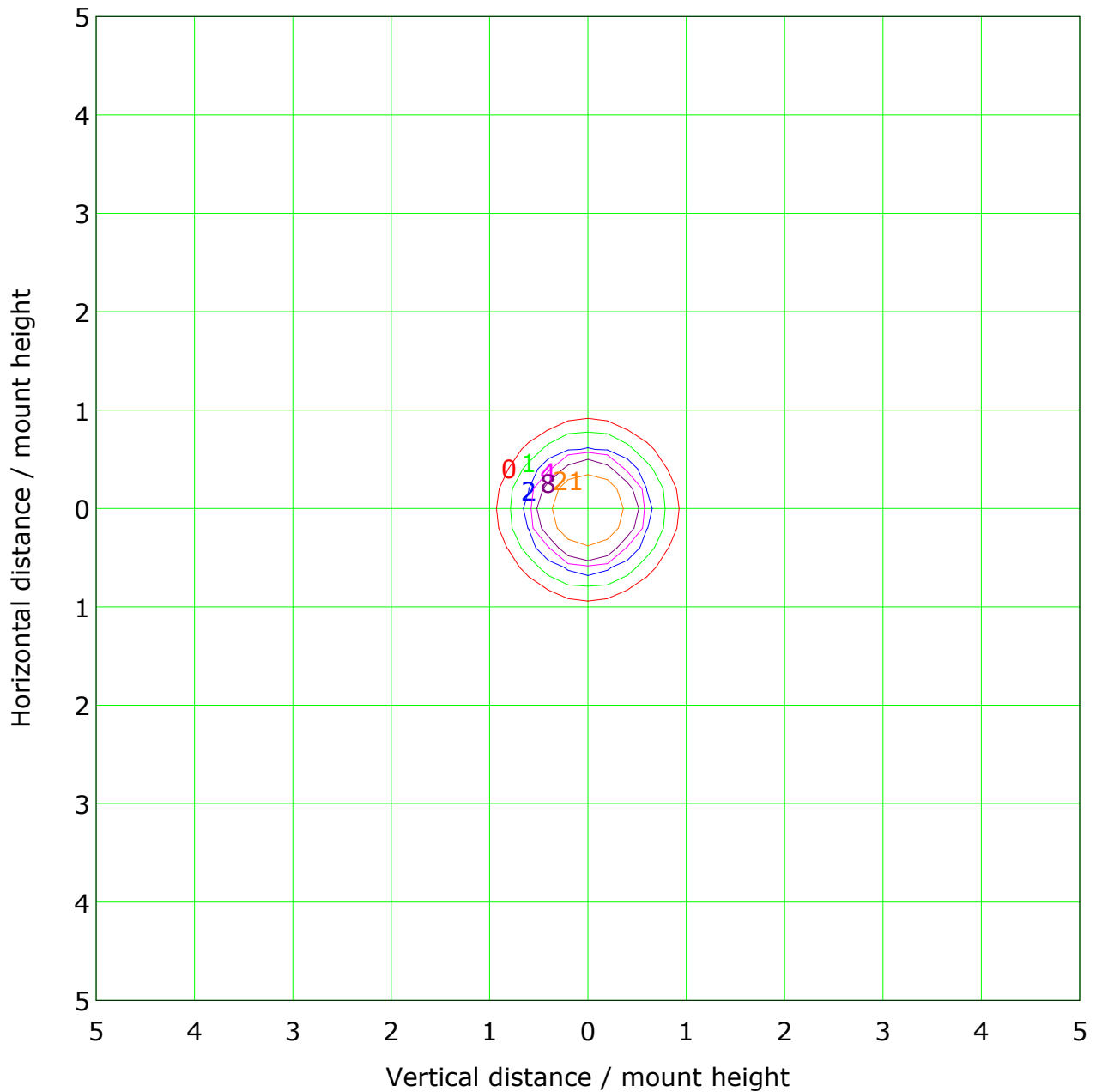
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

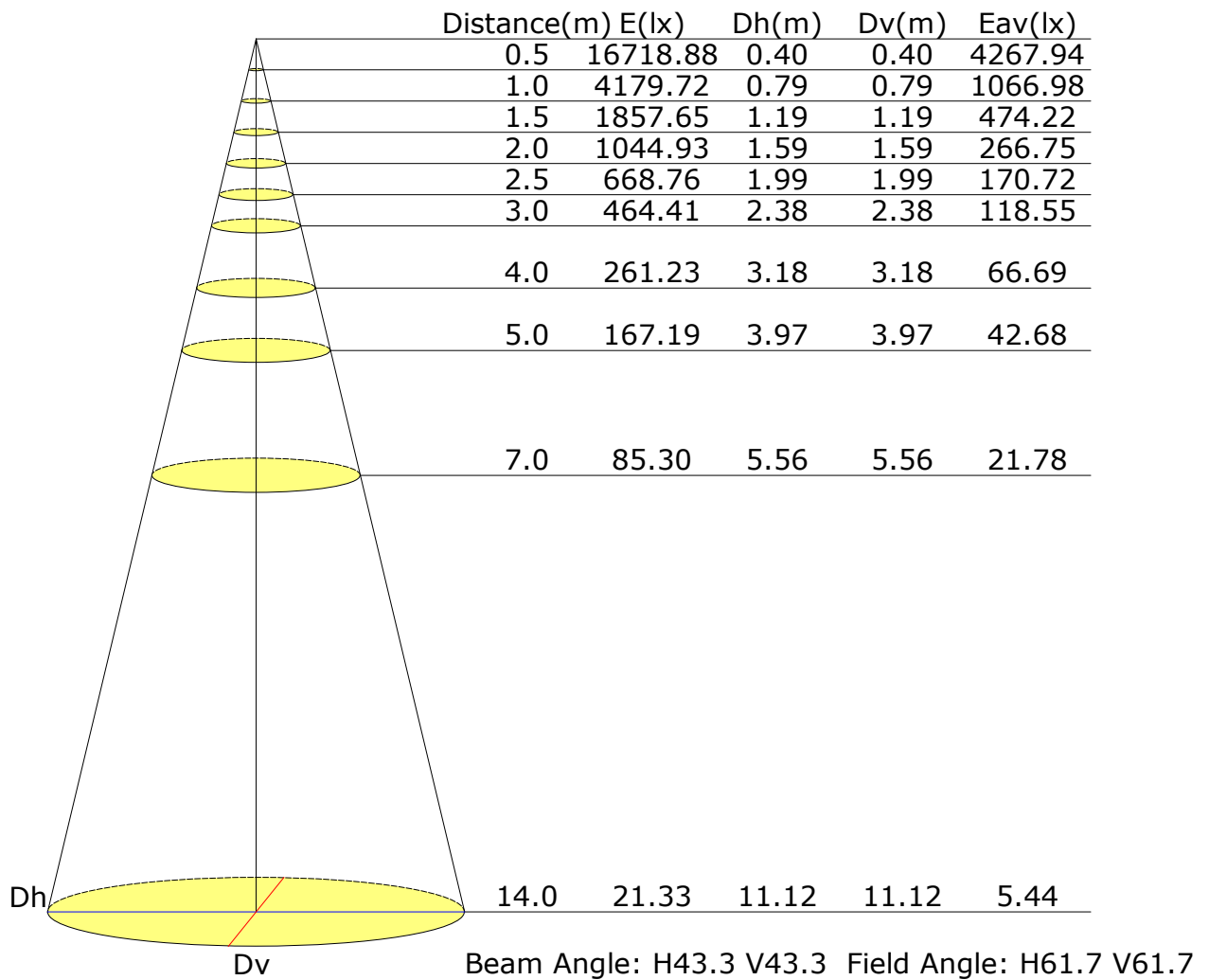


Mounting Height: 10m		Max Lux(100%): 42 lx	
( 1%):	0 lx	( 2%):	1 lx
( 5%):	2 lx	( 10%):	4 lx
( 20%):	8 lx	( 50%):	21 lx
(100%):	42 lx		

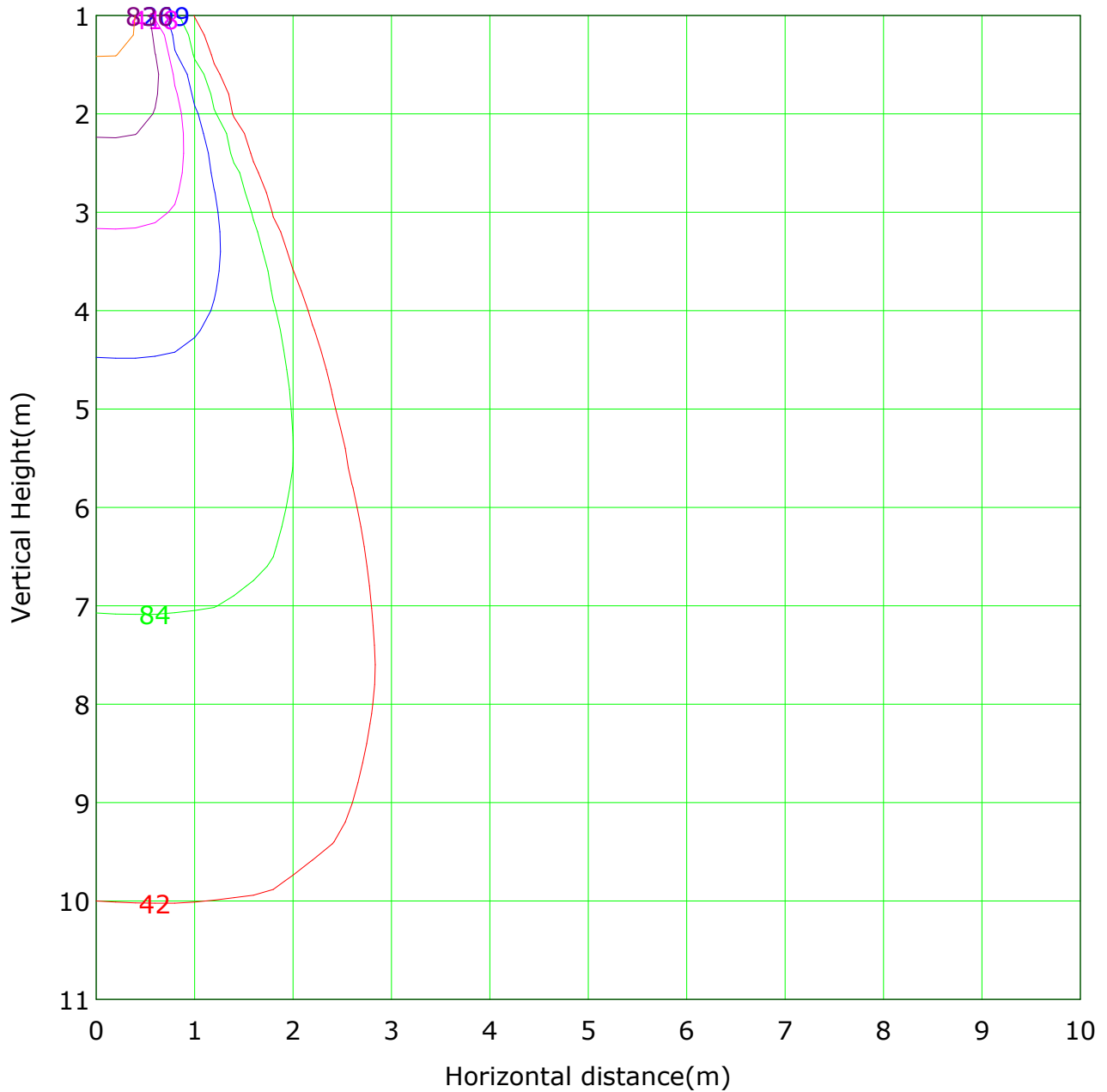
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



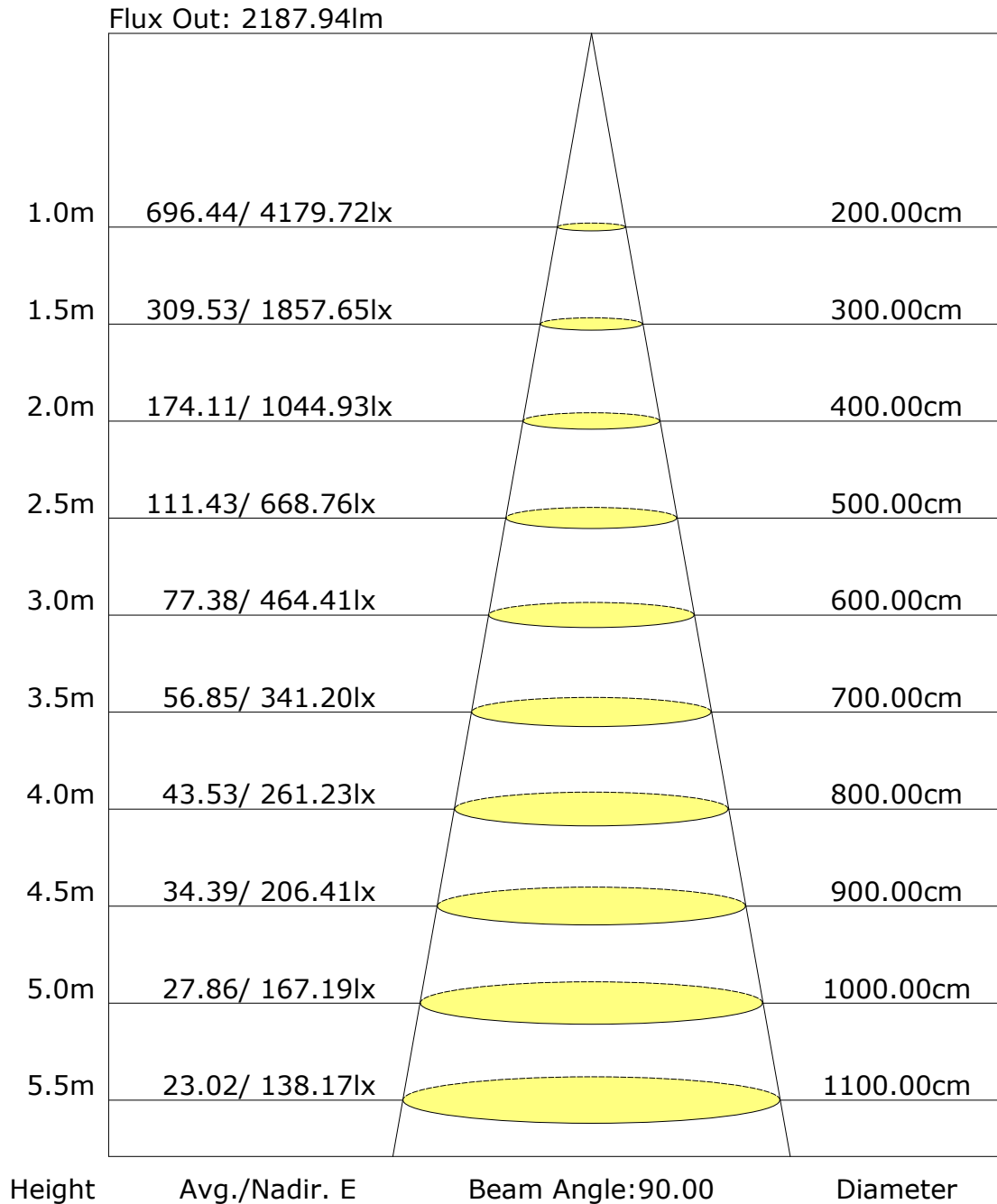
Lowest(m): 1m Highest(m): 11 Max Lux: 4180

( 1%): 42 lx	( 2%): 84 lx
( 5%): 209 lx	( 10%): 418 lx
( 20%): 836 lx	( 50%): 2090 lx
(100%): 4180 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: