

Report No.: 32.06219 EMMA Track Light

Test Time: 2023-09-09 14:36

## Luminaire Property

Luminaire Category: Bridgelux V10A 3000K CRI90

Voltage: 219.4 V

Current: 0.122 A

Power: 14.50 W

Power Factor: 0.541

## Photometric Results

CIE Class: Direct

Measurement Flux: 1598.2 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H18.5

Vertical Diffuse Angle(50%): V18.5

Luminaire Efficacy Rating (LER): 110

Max. Intensity: 11872.59 cd

Total Rated Lamp Lumens: 1598.2 lm

Efficiency: 100%

Upward Ratio: 0%

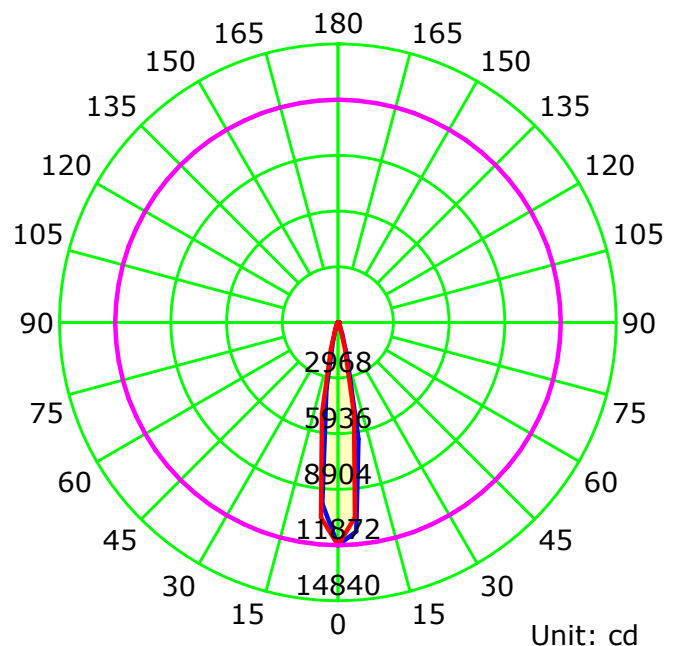
Central Intensity: 11872.59 cd

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

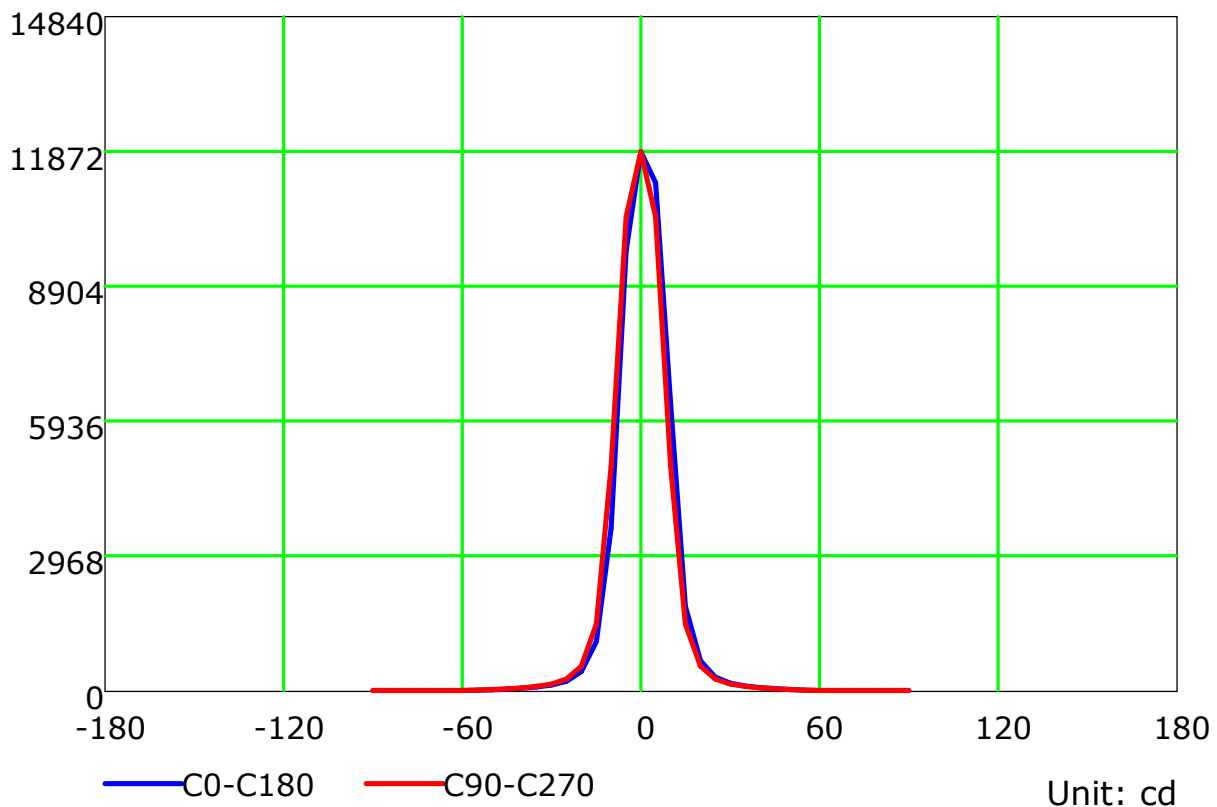
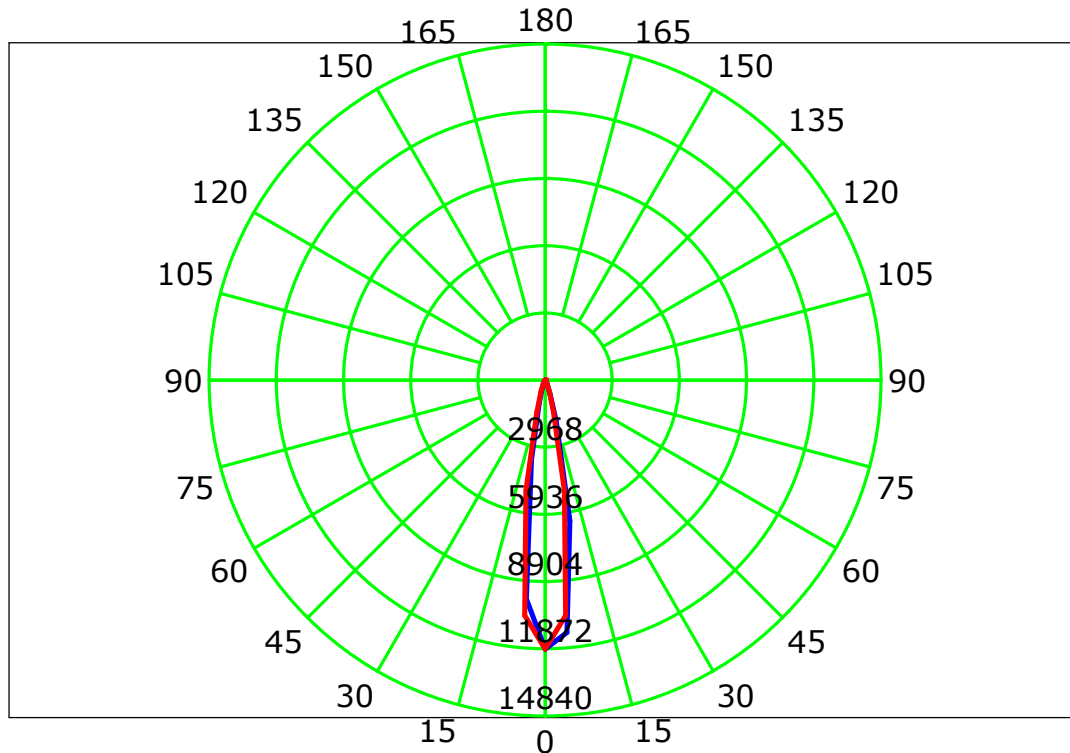
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

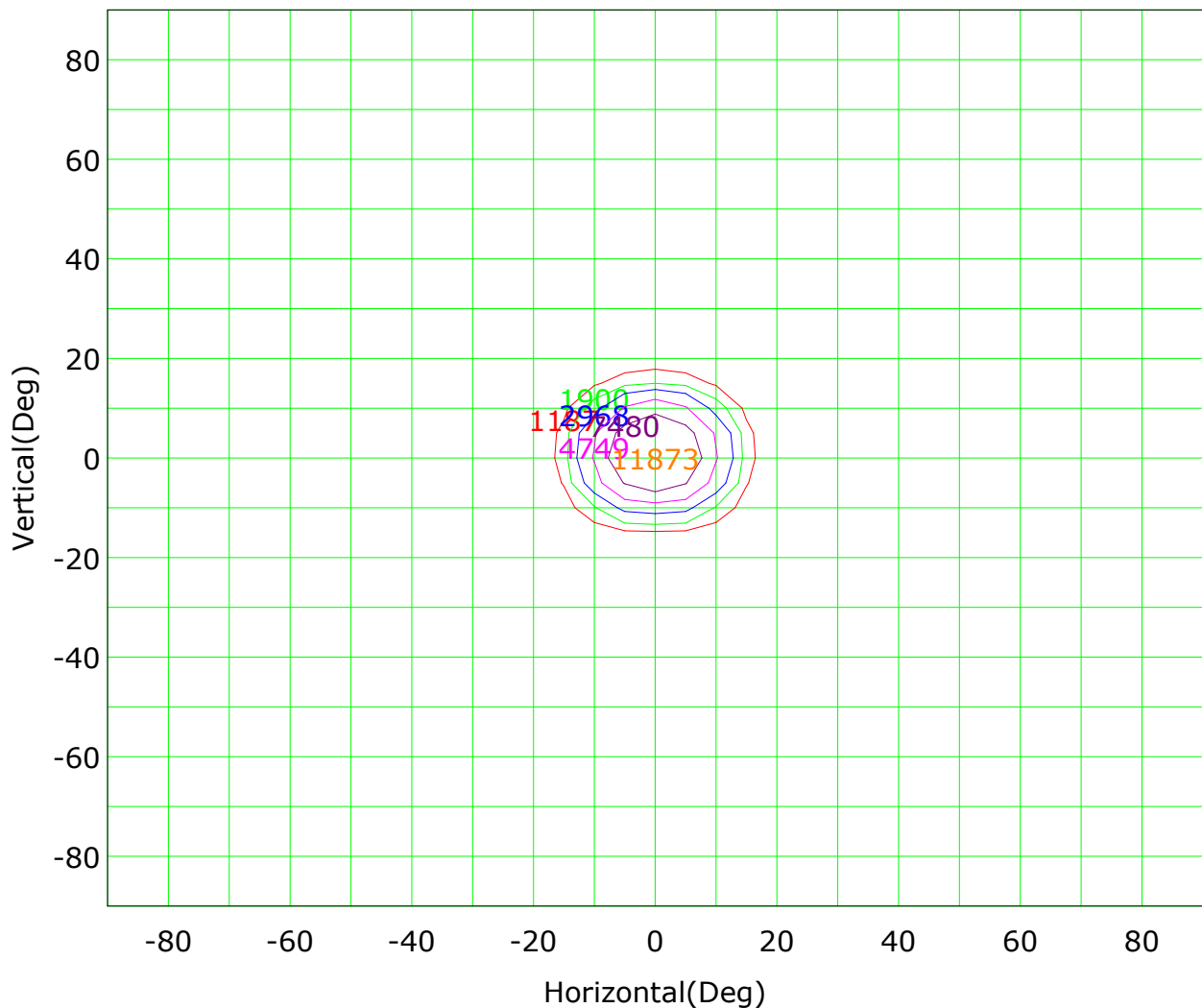
## Luminous Intensity Distribution Curve



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%): 11873 cd

( 10%): 1187 cd	( 16%): 1900 cd
( 25%): 2968 cd	( 40%): 4749 cd
( 63%): 7480 cd	(100%): 11873 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

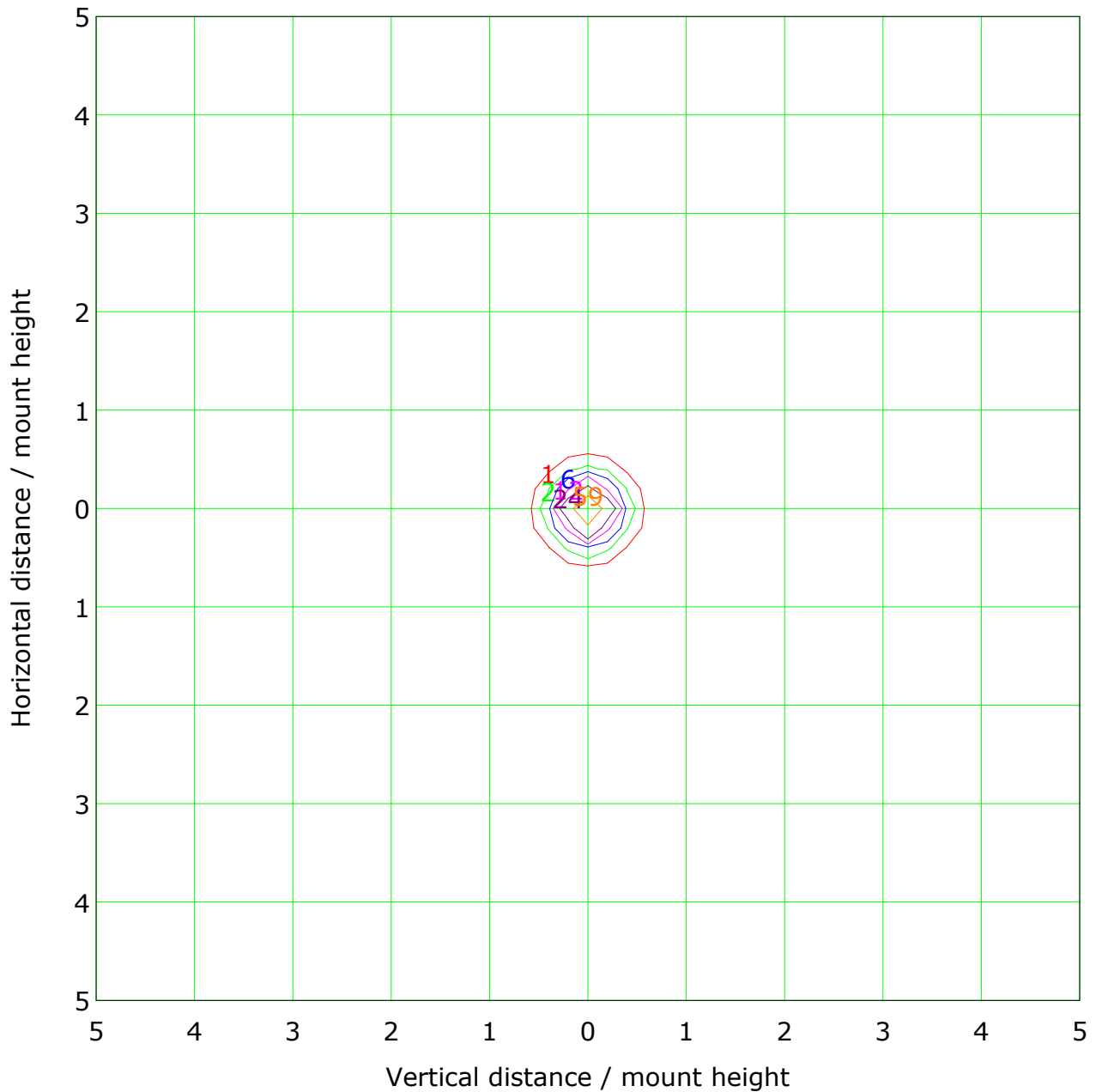
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

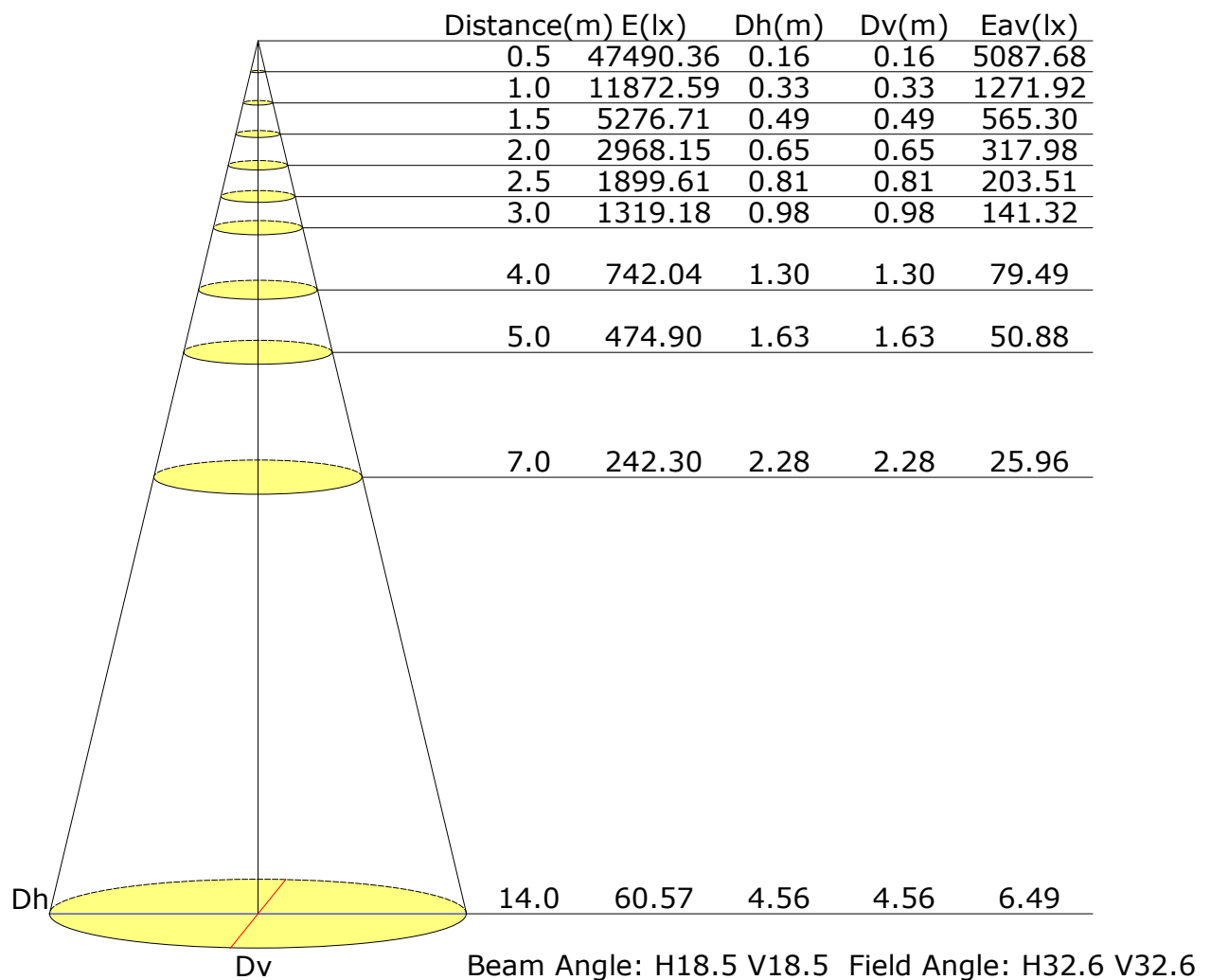


Mounting Height: 10m		Max Lux(100%): 119 lx	
( 1%):	1 lx	( 2%):	2 lx
( 5%):	6 lx	( 10%):	12 lx
( 20%):	24 lx	( 50%):	59 lx
(100%):	119 lx		

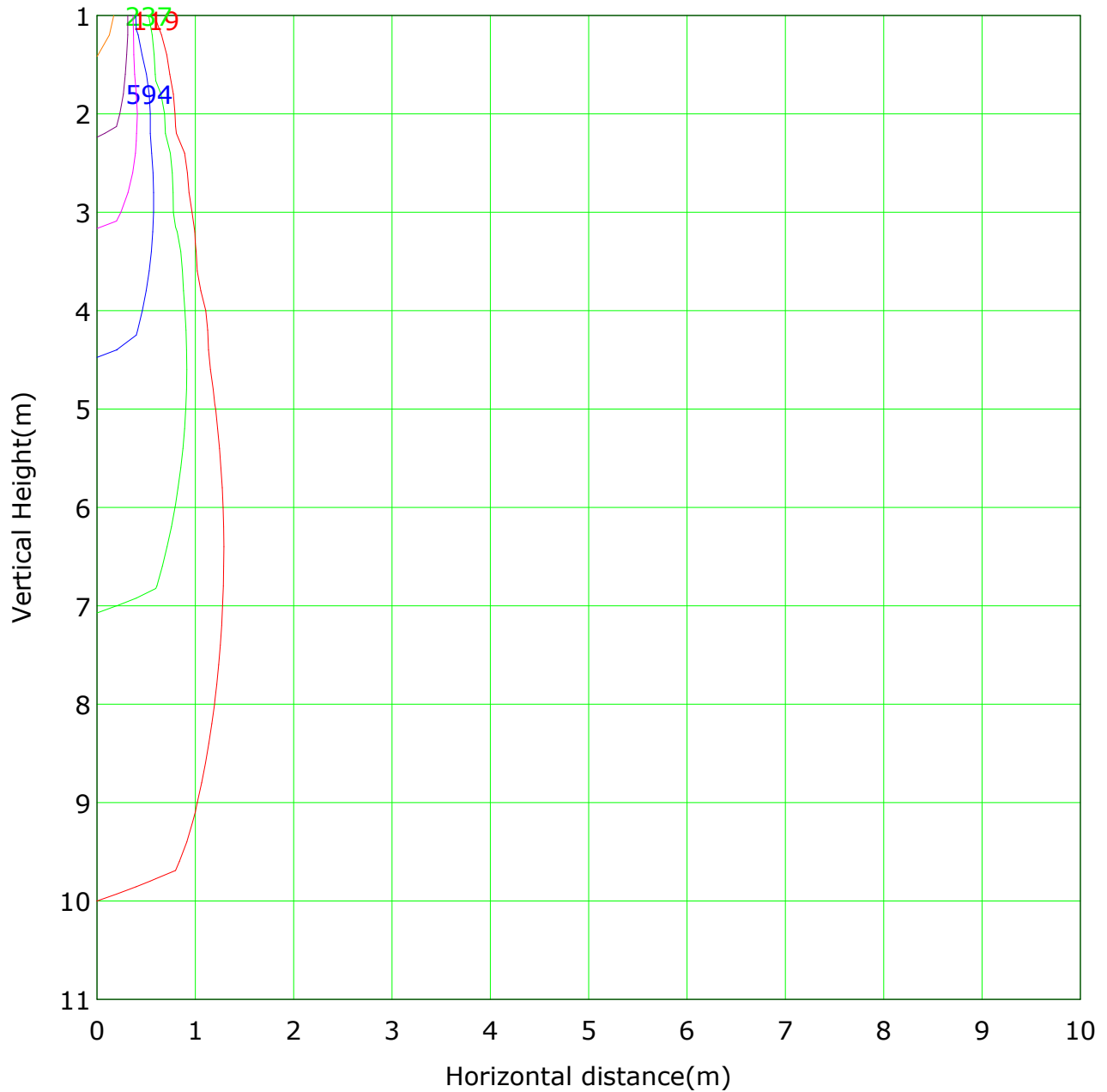
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector:

## Illuminance at a Distance

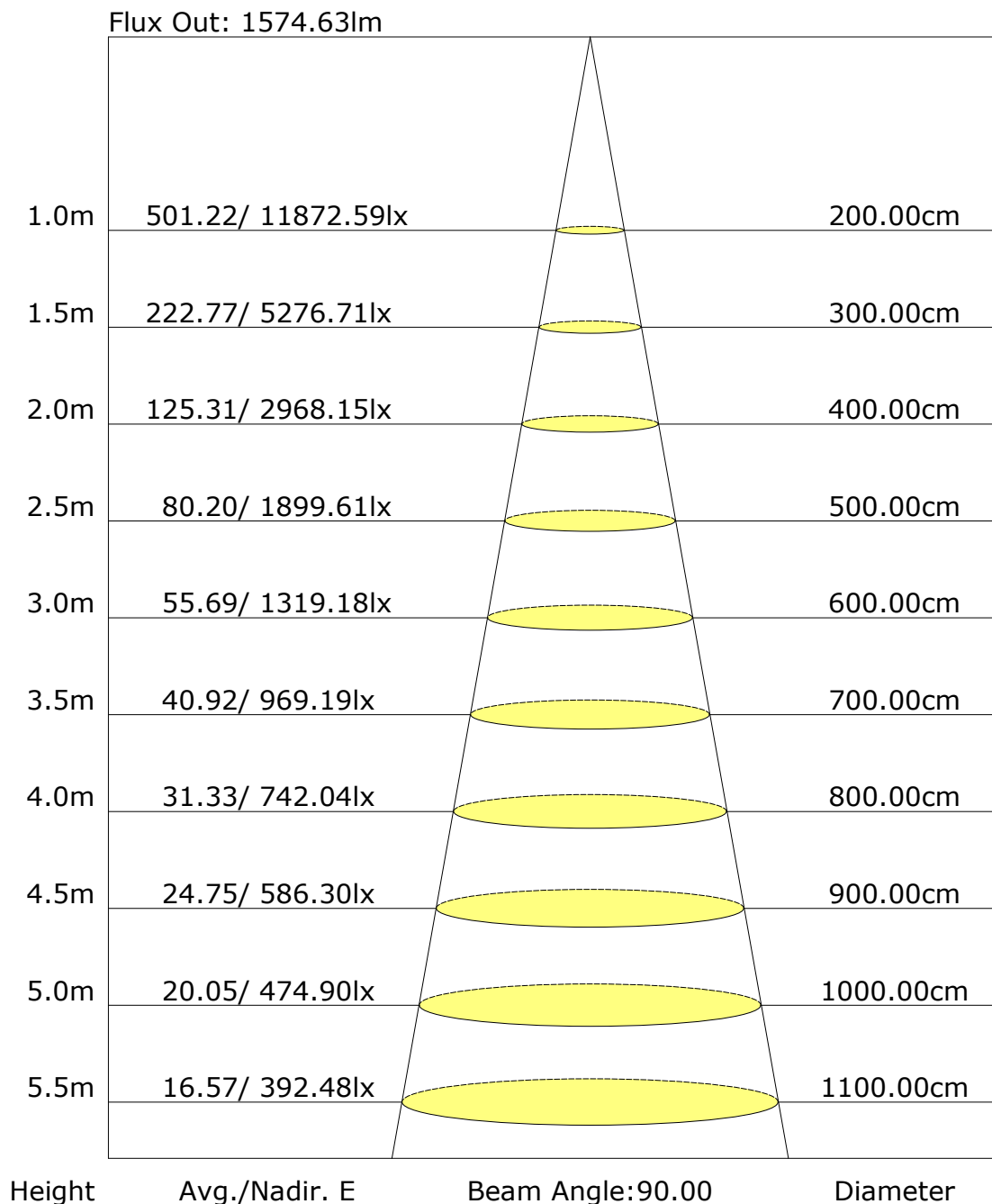


## Vertical IsoLux Plot



Lowest(m): 1m    Highest(m): 11    Max Lux: 11873  
— ( 1%): 119 lx    — ( 2%): 237 lx  
— ( 5%): 594 lx    — ( 10%): 1187 lx  
— ( 20%): 2375 lx    — ( 50%): 5936 lx  
— (100%): 11873 lx

## 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:

Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector:



## Unit: cd

Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector: