

Report No.: 32.08011 ECO Track Lighting    Test Time: 2023-10-04 11:55

## Luminaire Property

Luminaire Category: Bridgelux V13C F90 3000K CRI90  
Voltage: 221.2 V    Current: 0.144 A  
Power: 30.80 W    Power Factor: 0.961

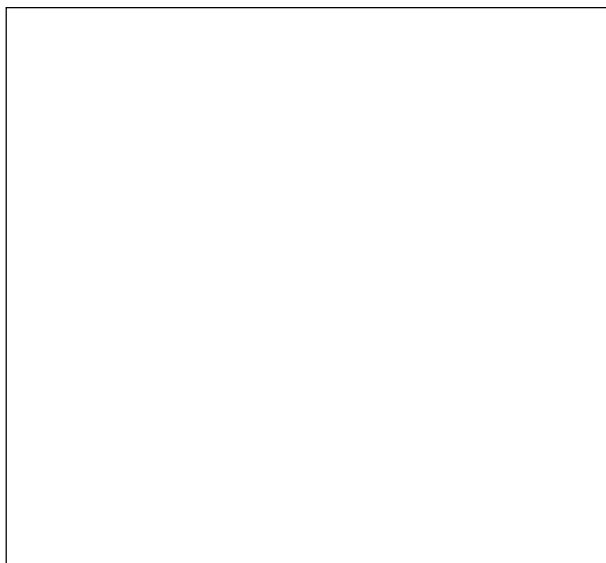
## Photometric Results

CIE Class: Direct  
Measurement Flux: 3843.1 lm  
Downward Ratio: 100%  
Horizontal Diffuse Angle(50%): H32.6  
Vertical Diffuse Angle(50%): V32.6  
Luminaire Efficacy Rating (LER): 125  
Max. Intensity: 11860.45 cd

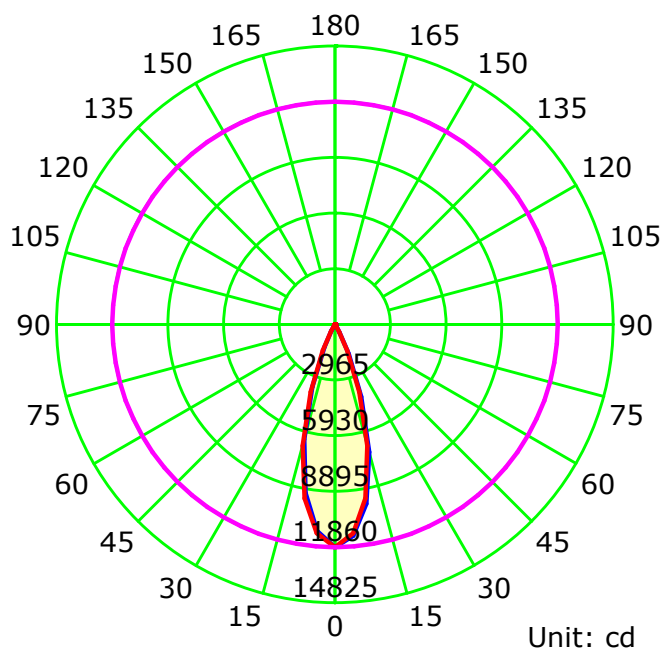
Total Rated Lamp Lumens: 3843.1 lm  
Efficiency: 100%  
Upward Ratio: 0%

Central Intensity: 11860.44 cd  
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve

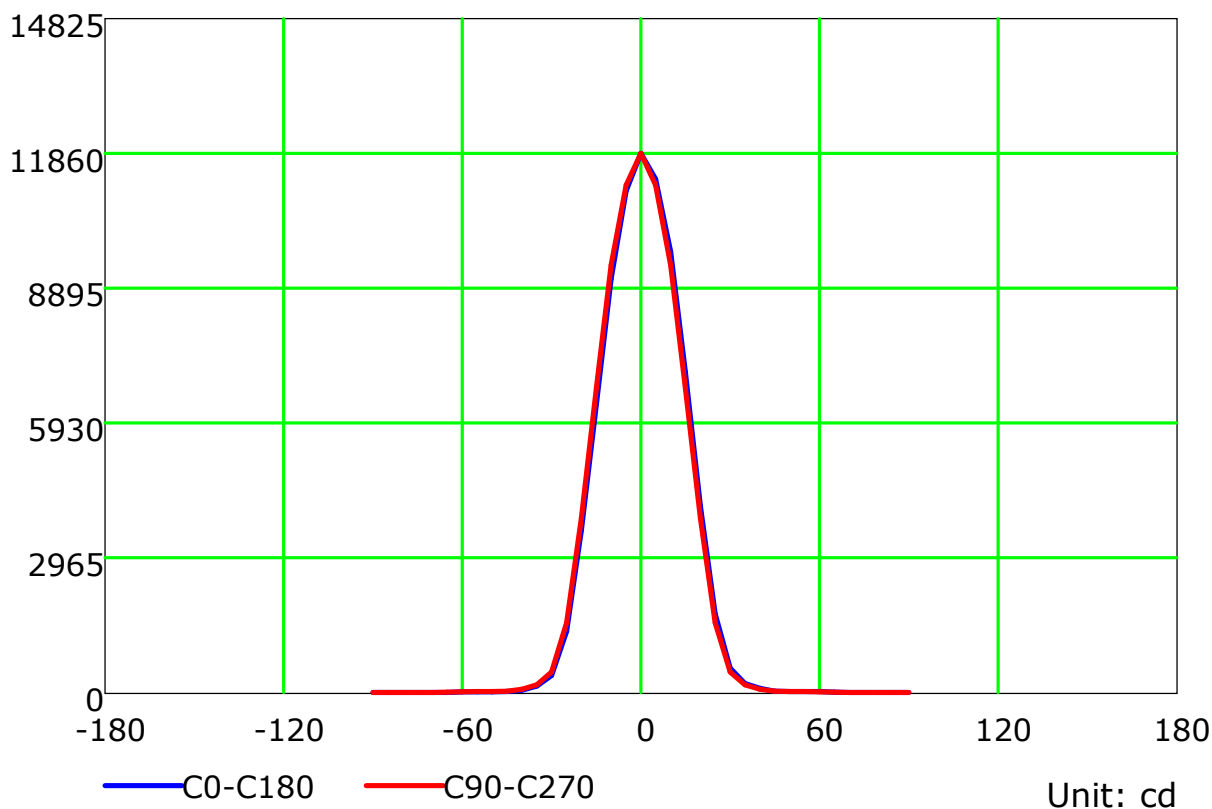
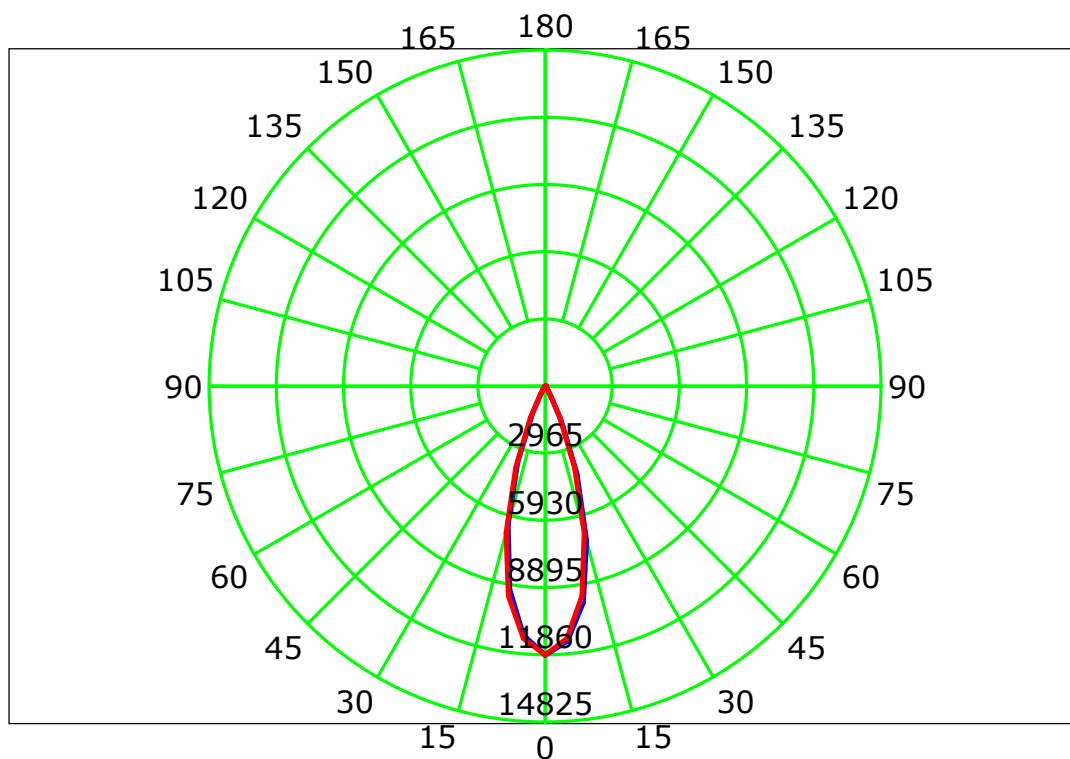


— C0-C180    — C90-C270    — G0

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:

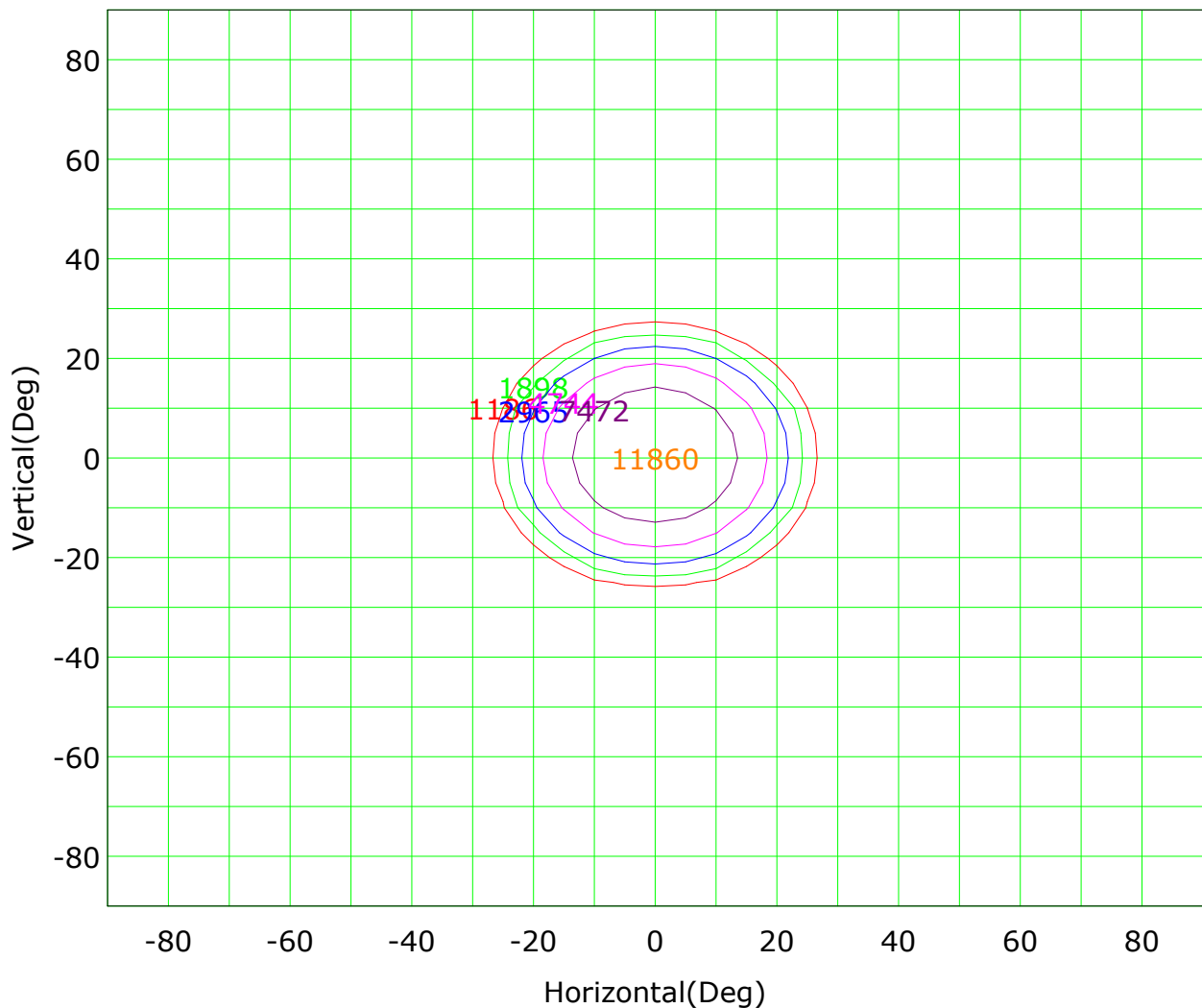
## Luminous Intensity Distribution Curve



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%): 11860 cd

( 10%): 1186 cd	( 16%): 1898 cd
( 25%): 2965 cd	( 40%): 4744 cd
( 63%): 7472 cd	(100%): 11860 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

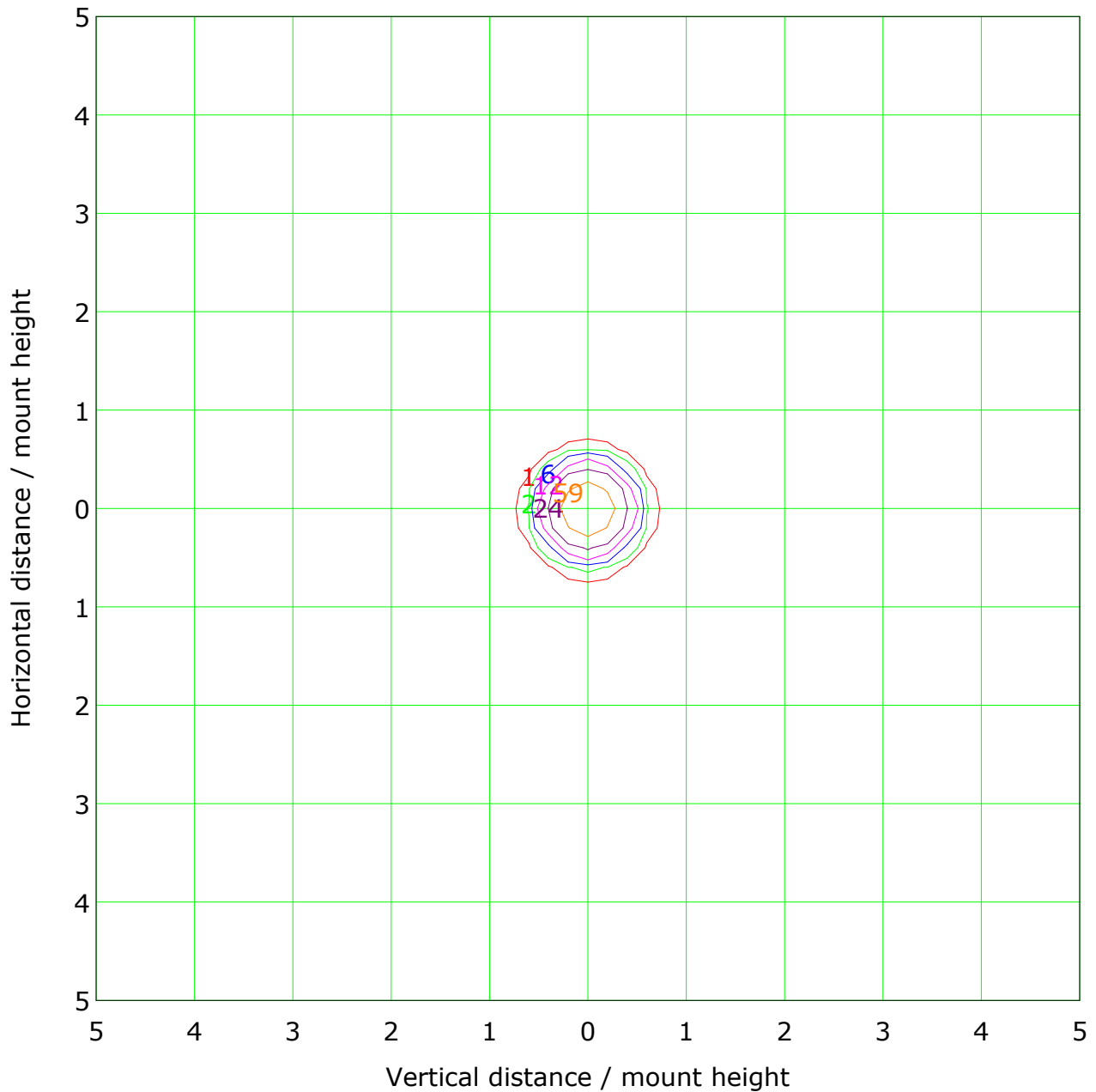
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

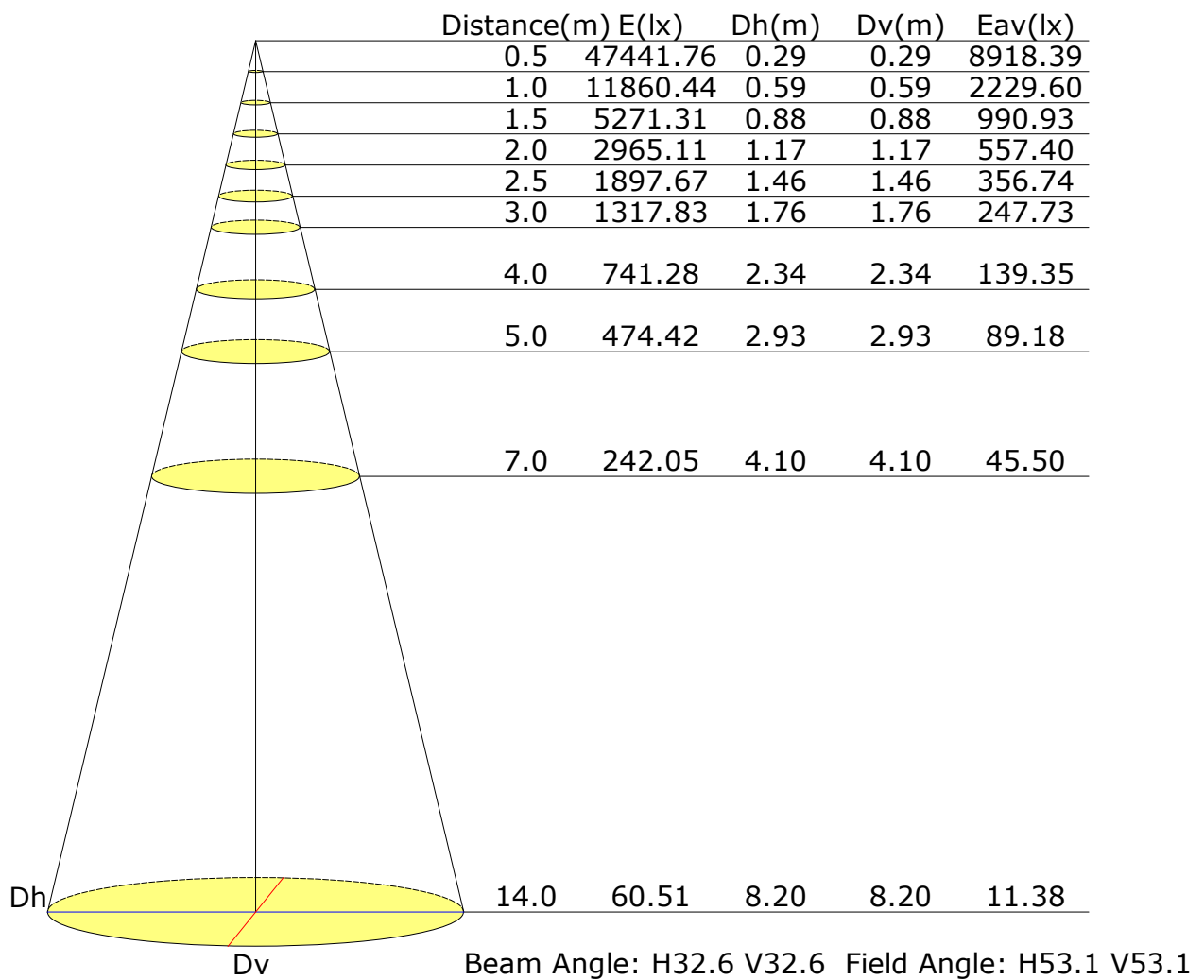


Mounting Height: 10m		Max Lux(100%): 119 lx	
( 1%):	1 lx	( 2%):	2 lx
( 5%):	6 lx	( 10%):	12 lx
( 20%):	24 lx	( 50%):	59 lx
(100%):	119 lx		

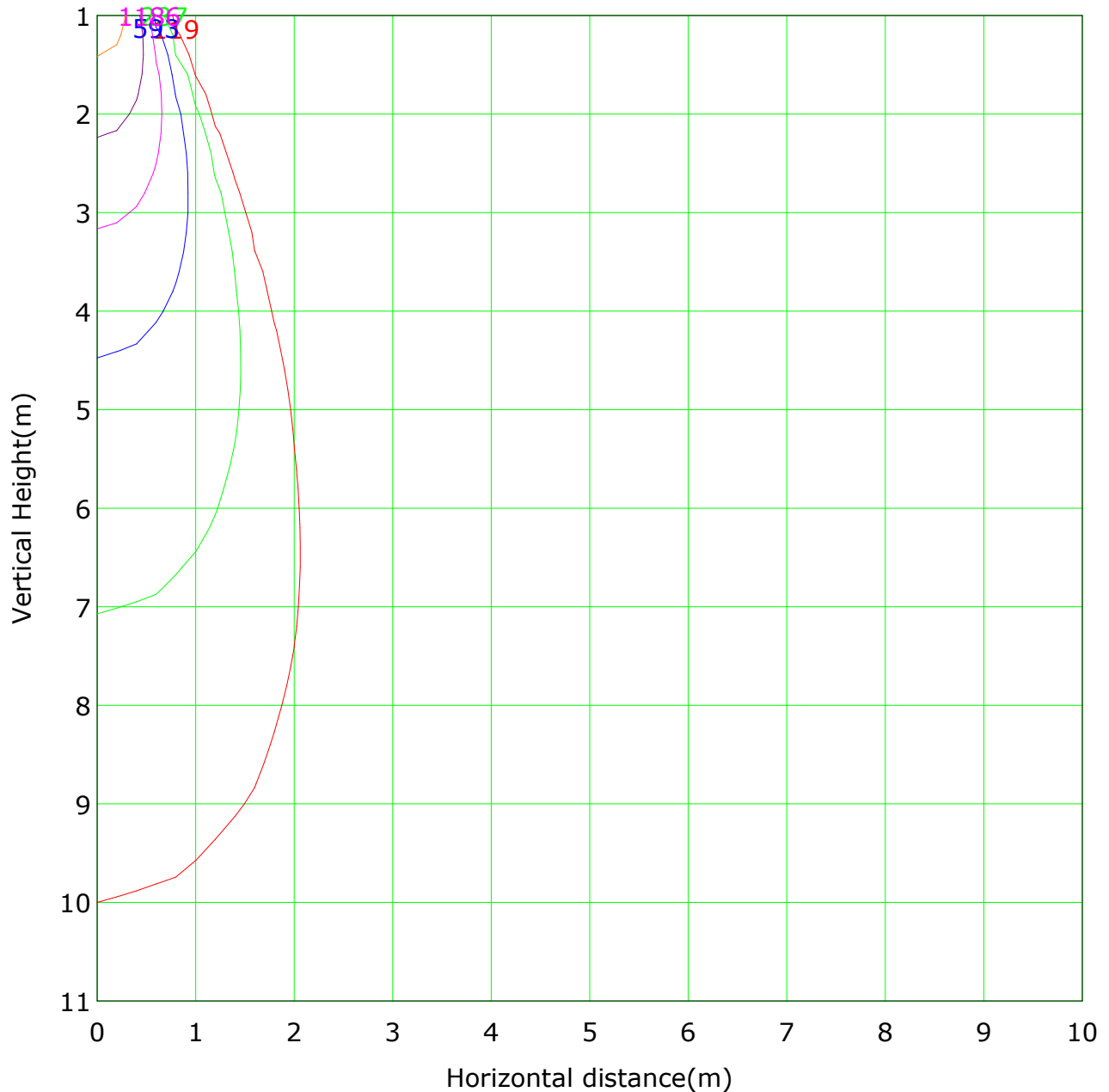
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



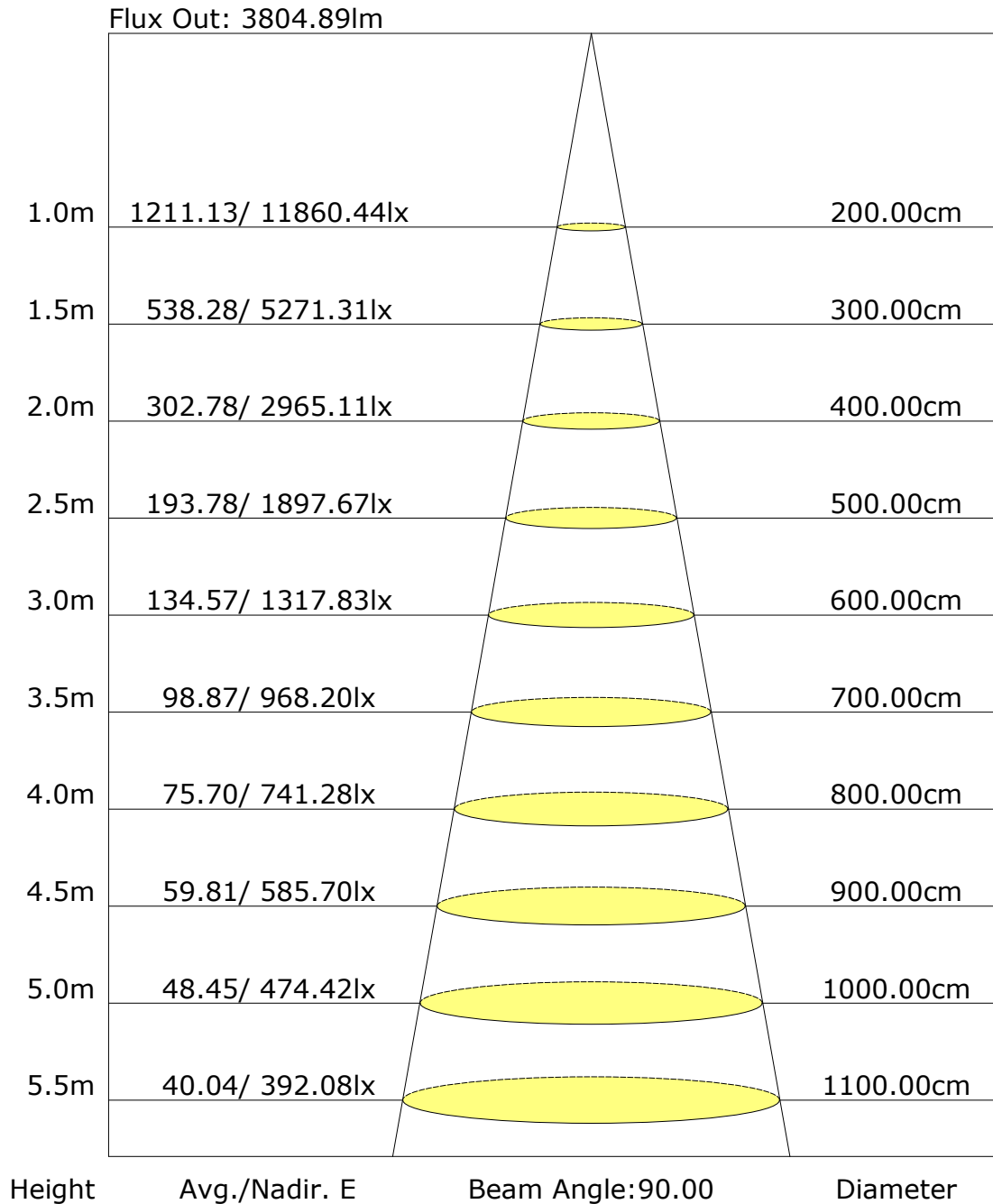
Lowest(m): 1m    Highest(m): 11    Max Lux: 11860

( 1%): 119 lx	( 2%): 237 lx
( 5%): 593 lx	( 10%): 1186 lx
( 20%): 2372 lx	( 50%): 5930 lx
(100%): 11860 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:

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: