

Report No.: AX-MG-SP-9W-035

Test Time: 2023-09-07 10:24

## Luminaire Property

Luminaire Category: Bridgelux V4 3000K CRI90

Voltage: 218.7 V

Current: 0.071 A

Power: 8.90 W

Power Factor: 0.571

## Photometric Results

CIE Class: Direct

Measurement Flux: 612.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H15.6

Vertical Diffuse Angle(50%): V15.6

Luminaire Efficacy Rating (LER): 69

Max. Intensity: 6115.61 cd

Total Rated Lamp Lumens: 612.7 lm

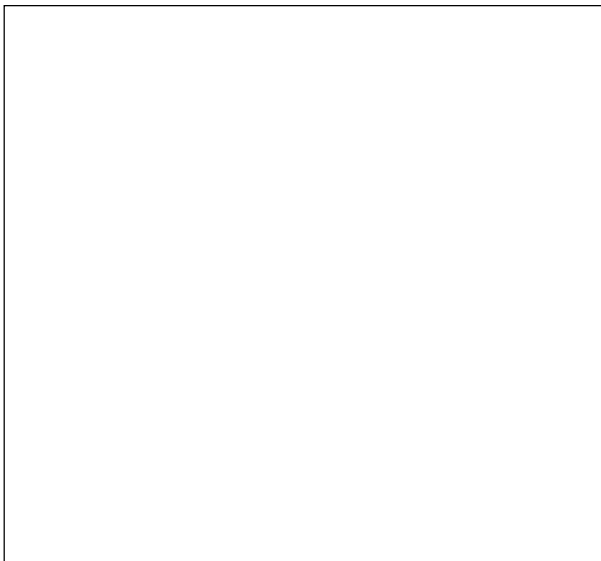
Efficiency: 100%

Upward Ratio: 0%

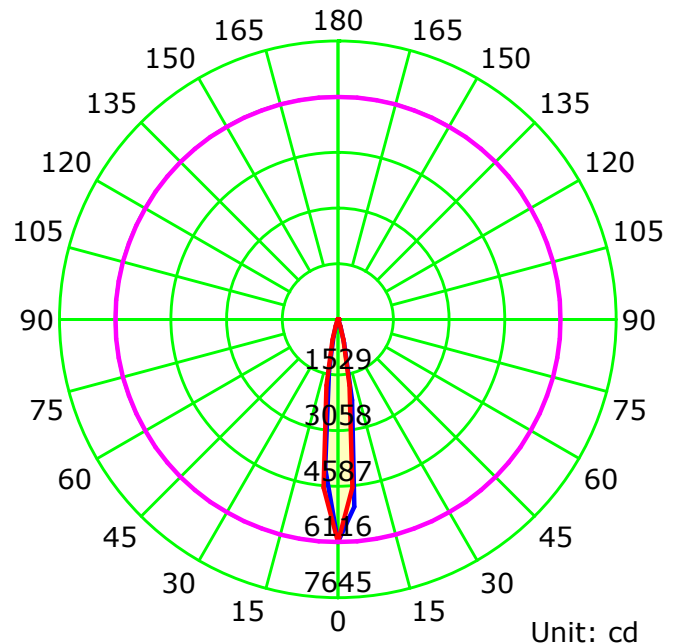
Central Intensity: 6115.6 cd

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

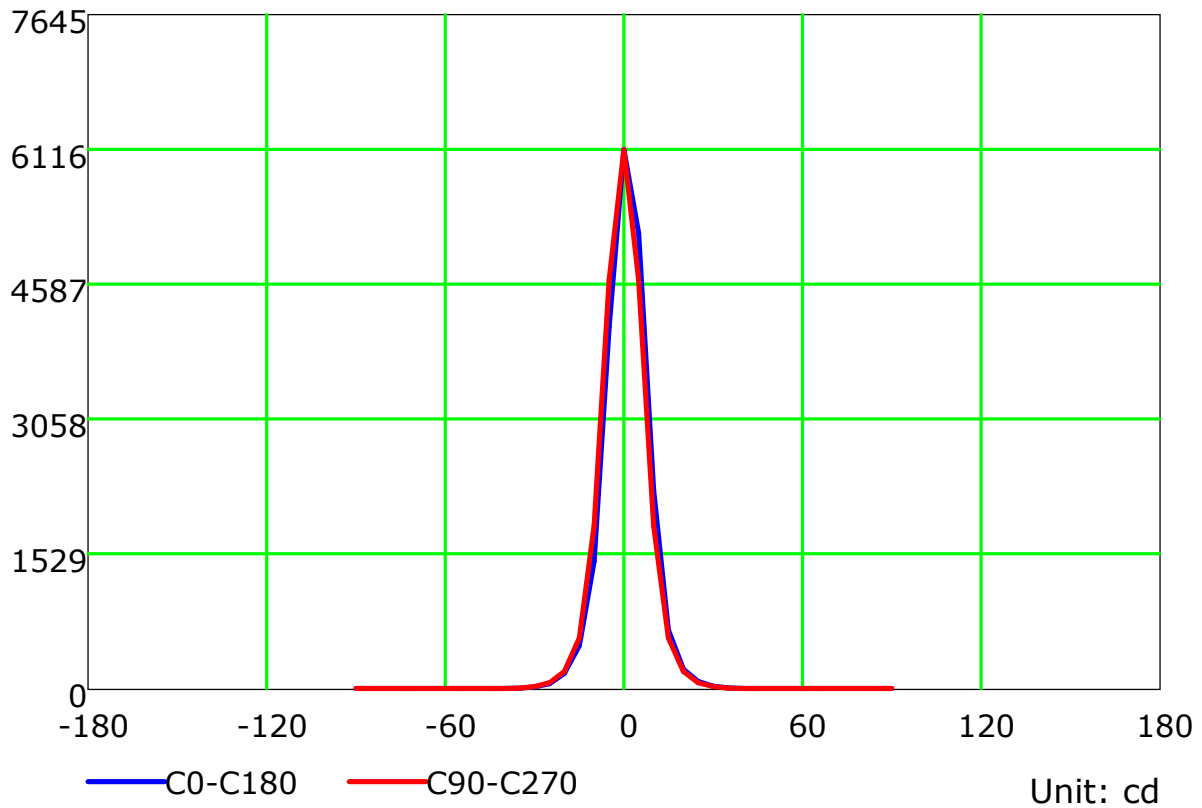
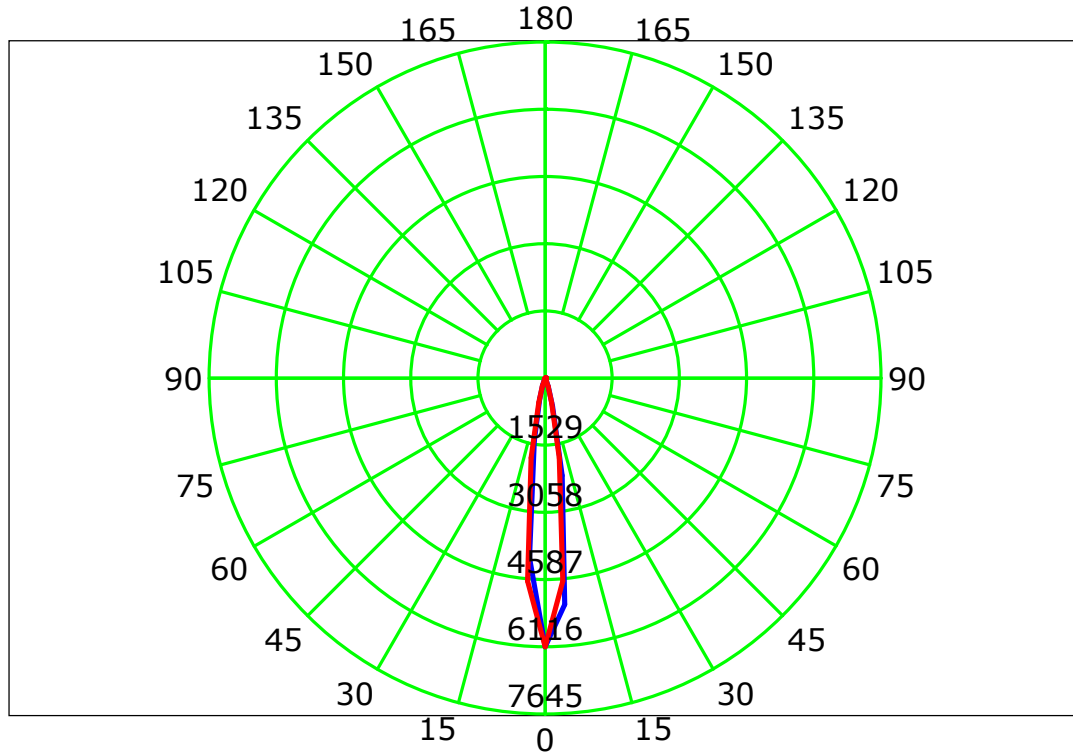
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

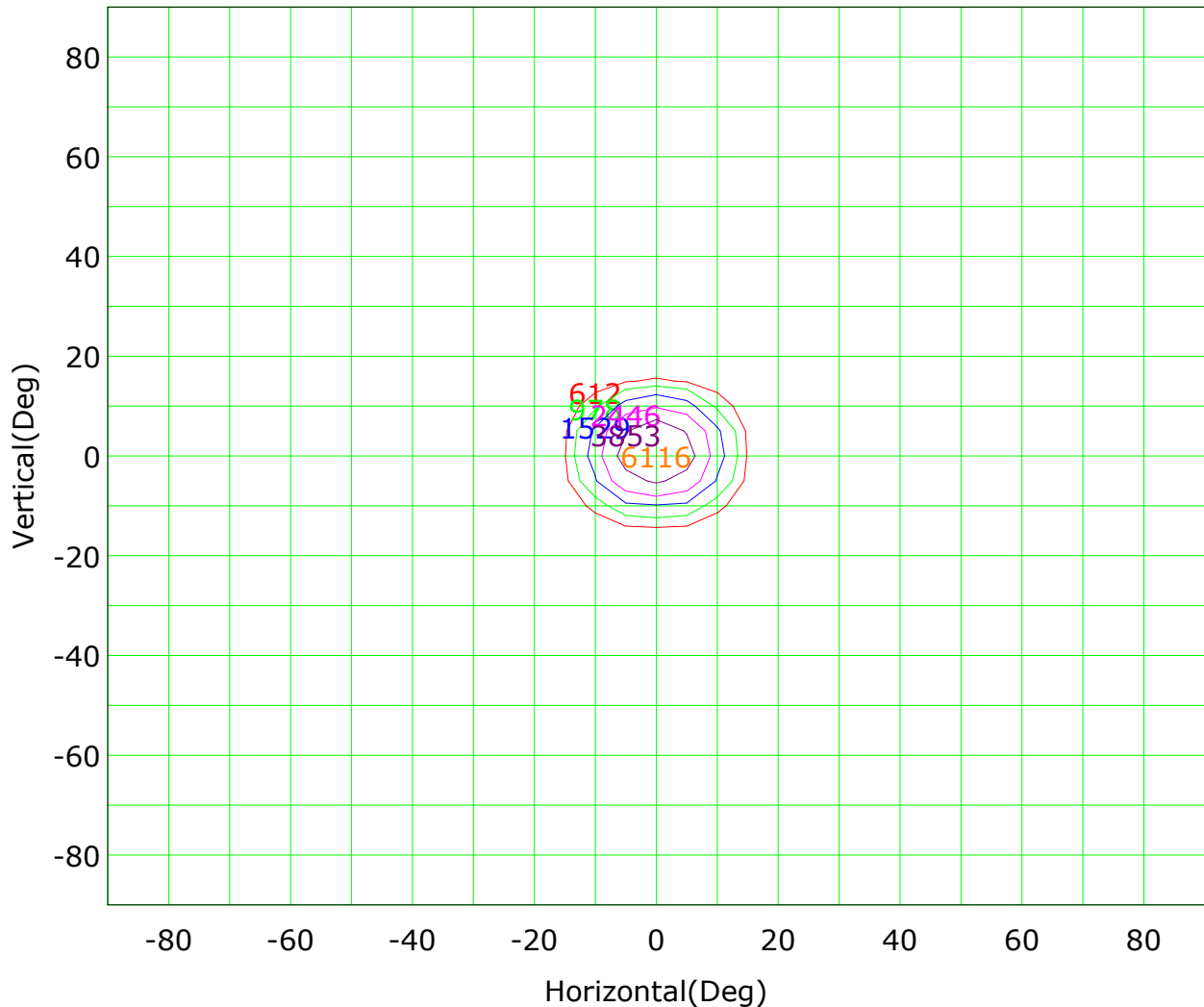
## Luminous Intensity Distribution Curve



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%): 6116 cd

( 10%): 612 cd	( 16%): 978 cd
( 25%): 1529 cd	( 40%): 2446 cd
( 63%): 3853 cd	(100%): 6116 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

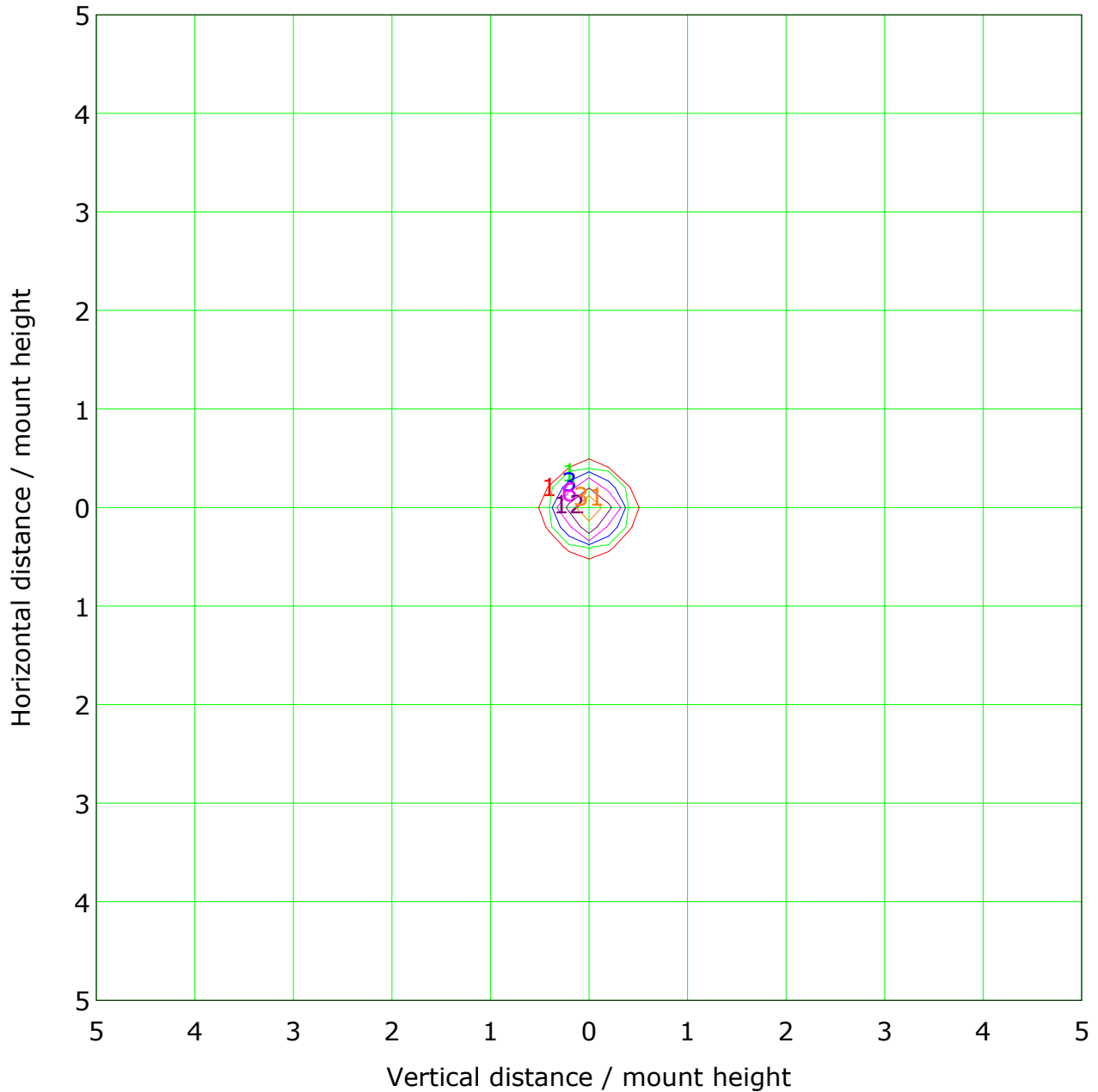
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m    Max Lux(100%): 61 lx

( 1%): 1 lx	( 2%): 1 lx
( 5%): 3 lx	( 10%): 6 lx
( 20%): 12 lx	( 50%): 31 lx
(100%): 61 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

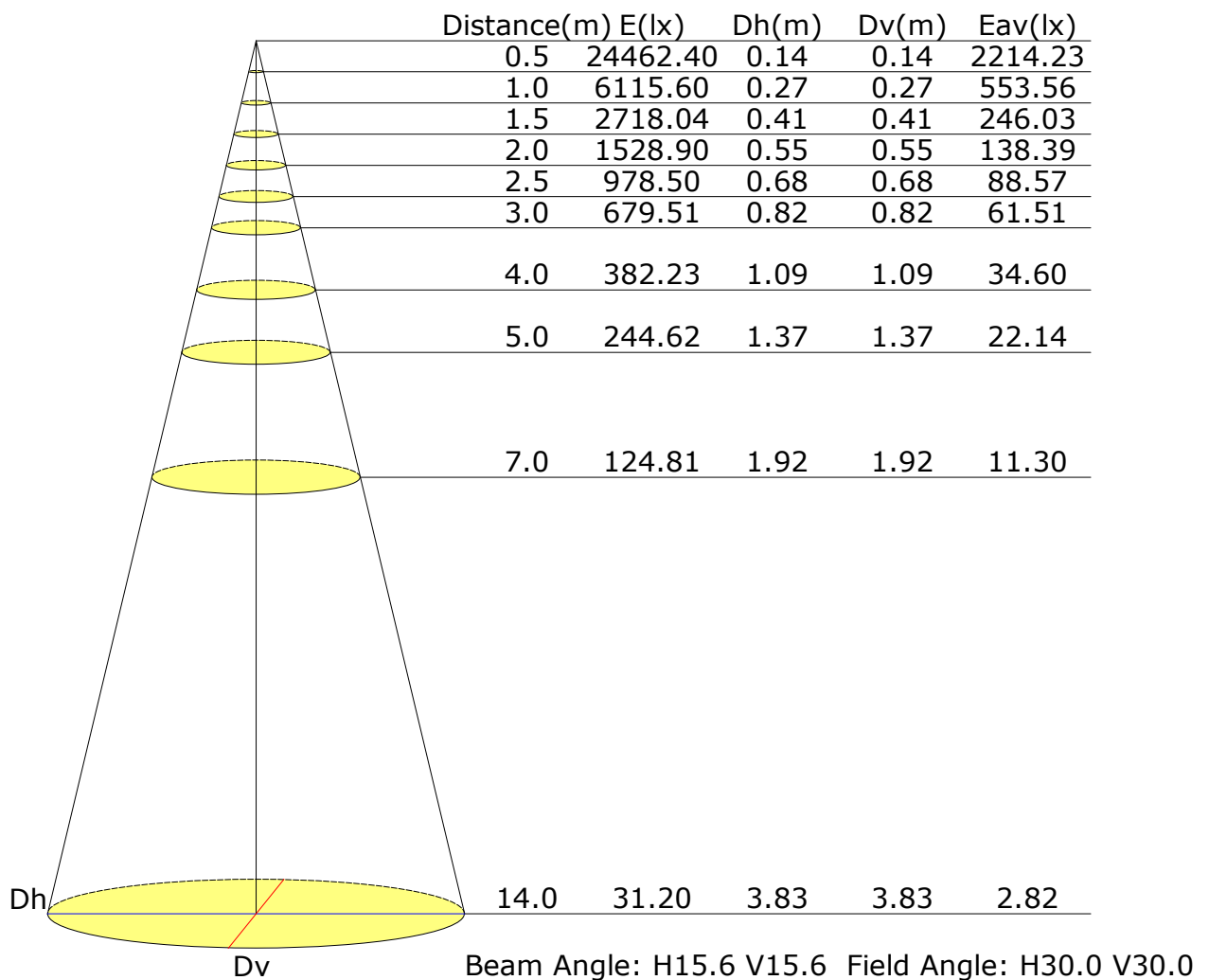
Test Device: CHL-6E

Distance: 3.000 m

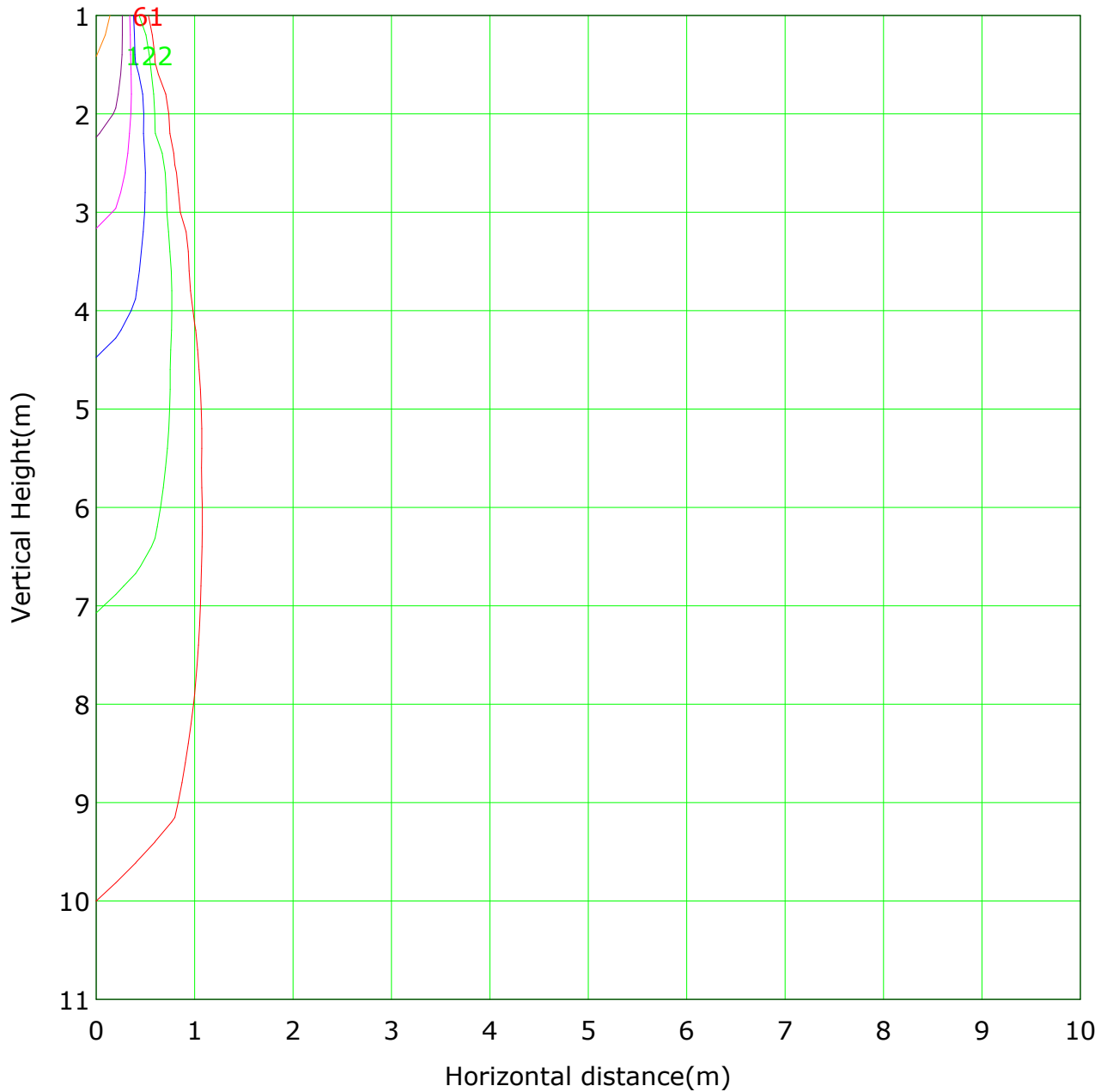
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



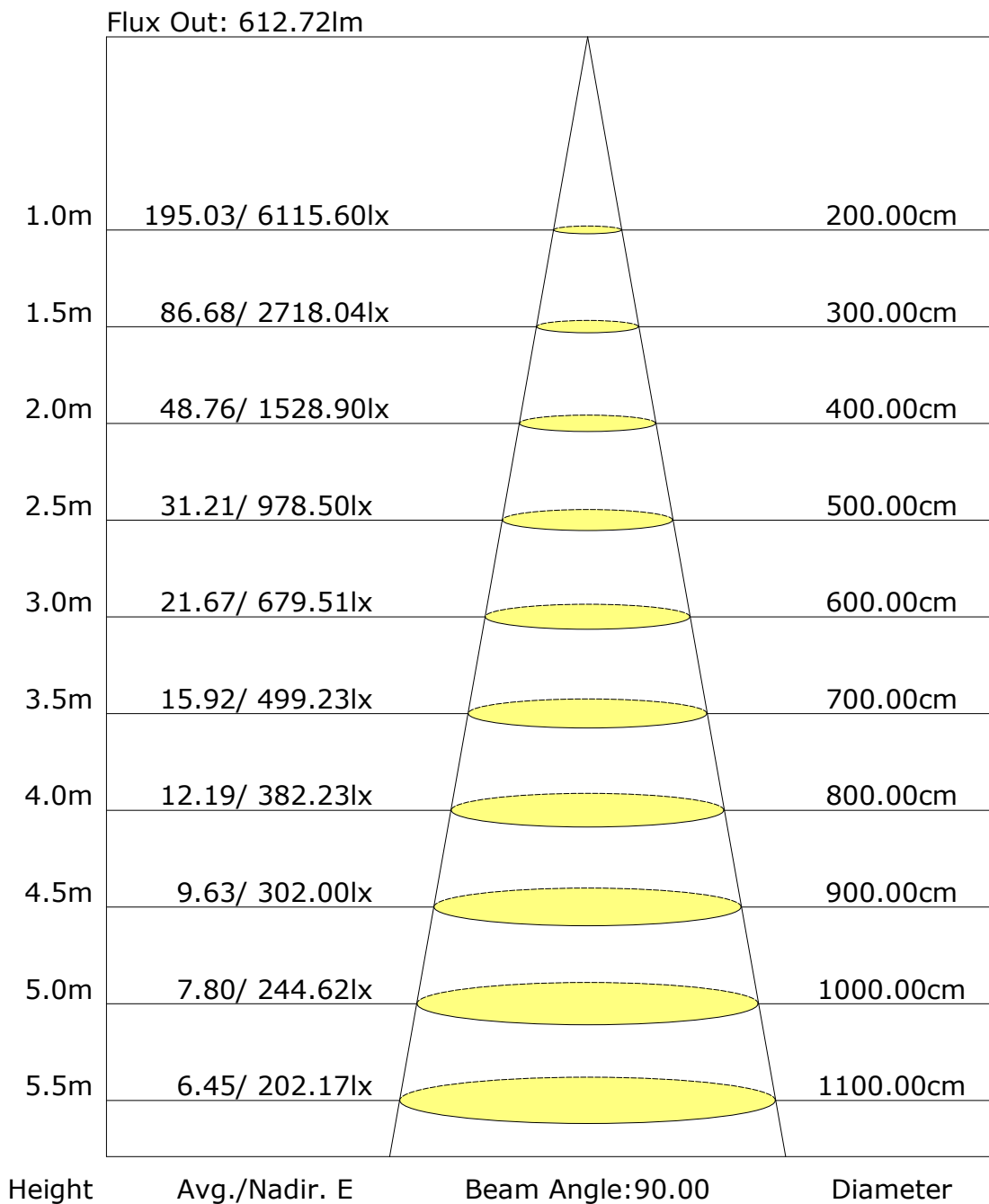
Lowest(m): 1m    Highest(m): 11    Max Lux: 6116

( 1%): 61 lx	( 2%): 122 lx
( 5%): 306 lx	( 10%): 612 lx
( 20%): 1223 lx	( 50%): 3058 lx
(100%): 6116 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:

[illegible]

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: