

Report No.: 56.03713 Noval light

Test Time: 2023-09-27 11:51

## Luminaire Property

Luminaire Category: Bridgelux V6第八代 3000K CRI90

Voltage: 214.4 V

Current: 0.038 A

Power: 6.20 W

Power Factor: 0.754

## Photometric Results

CIE Class: Direct

Measurement Flux: 460.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H33.2

Vertical Diffuse Angle(50%): V33.2

Luminaire Efficacy Rating (LER): 74

Max. Intensity: 1389.05 cd

Total Rated Lamp Lumens: 460.8 lm

Efficiency: 100%

Upward Ratio: 0%

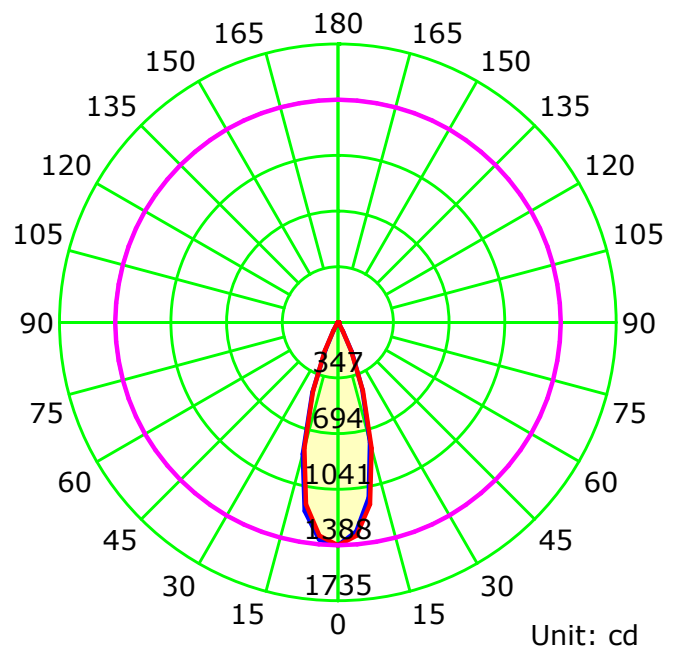
Central Intensity: 1389.04 cd

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

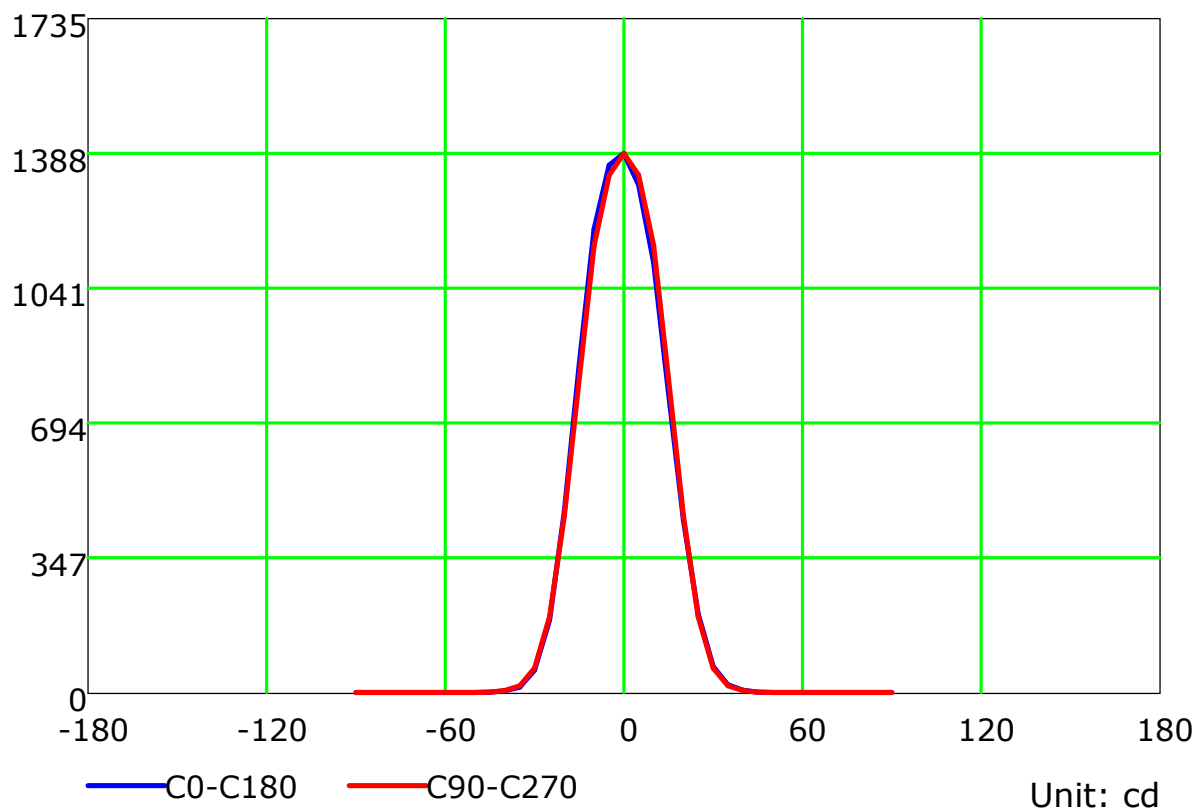
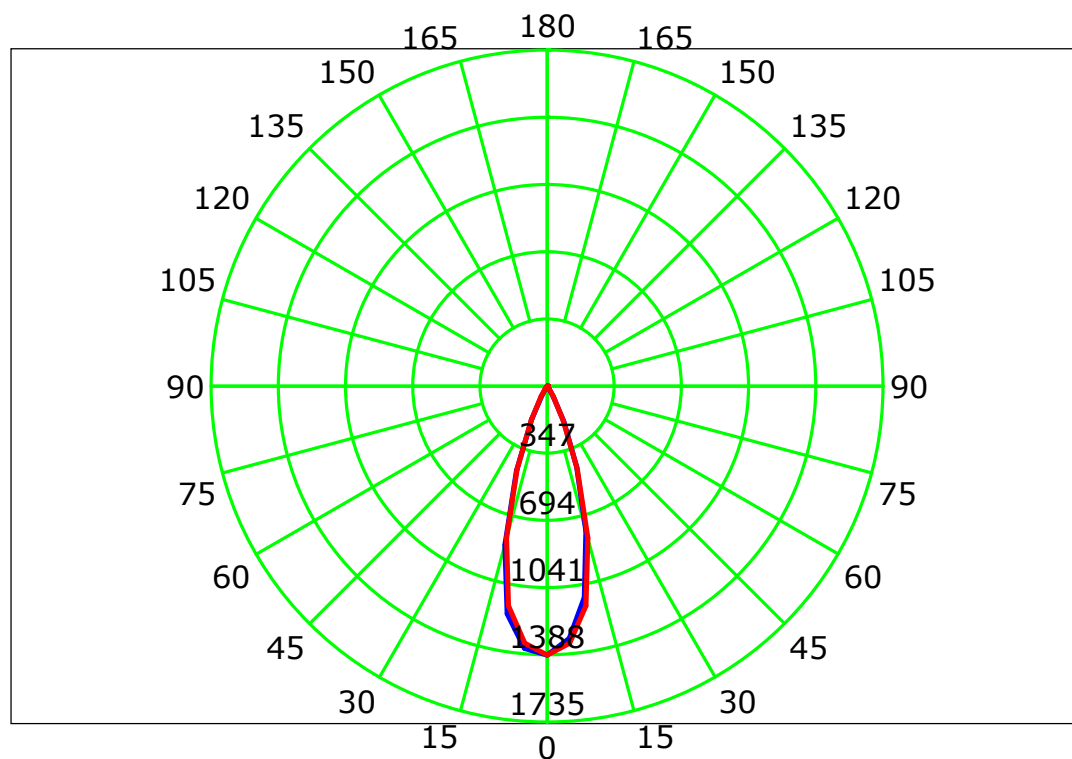
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

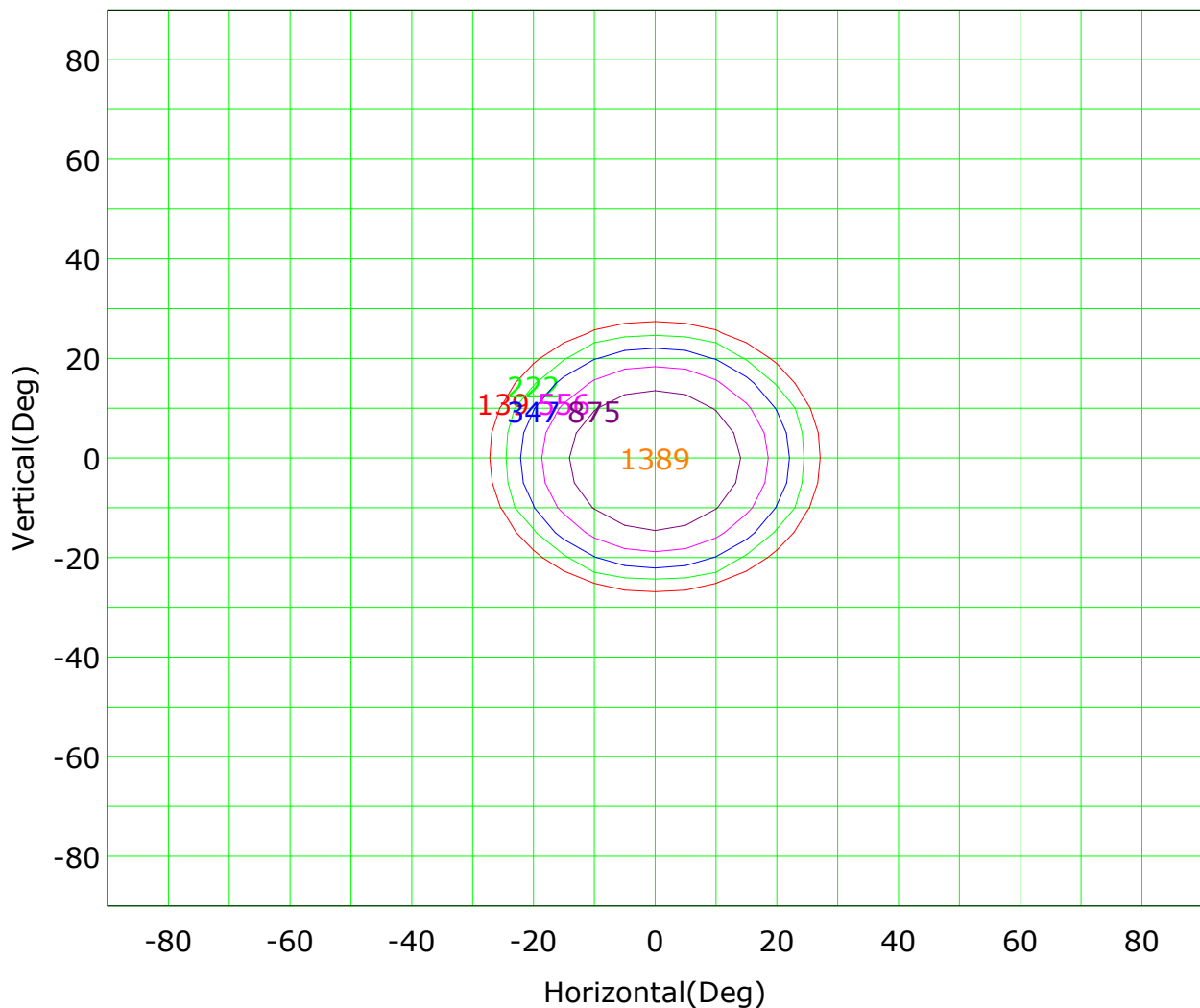
## Luminous Intensity Distribution Curve



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%): 1389 cd

( 10%): 139 cd	( 16%): 222 cd
( 25%): 347 cd	( 40%): 556 cd
( 63%): 875 cd	(100%): 1389 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

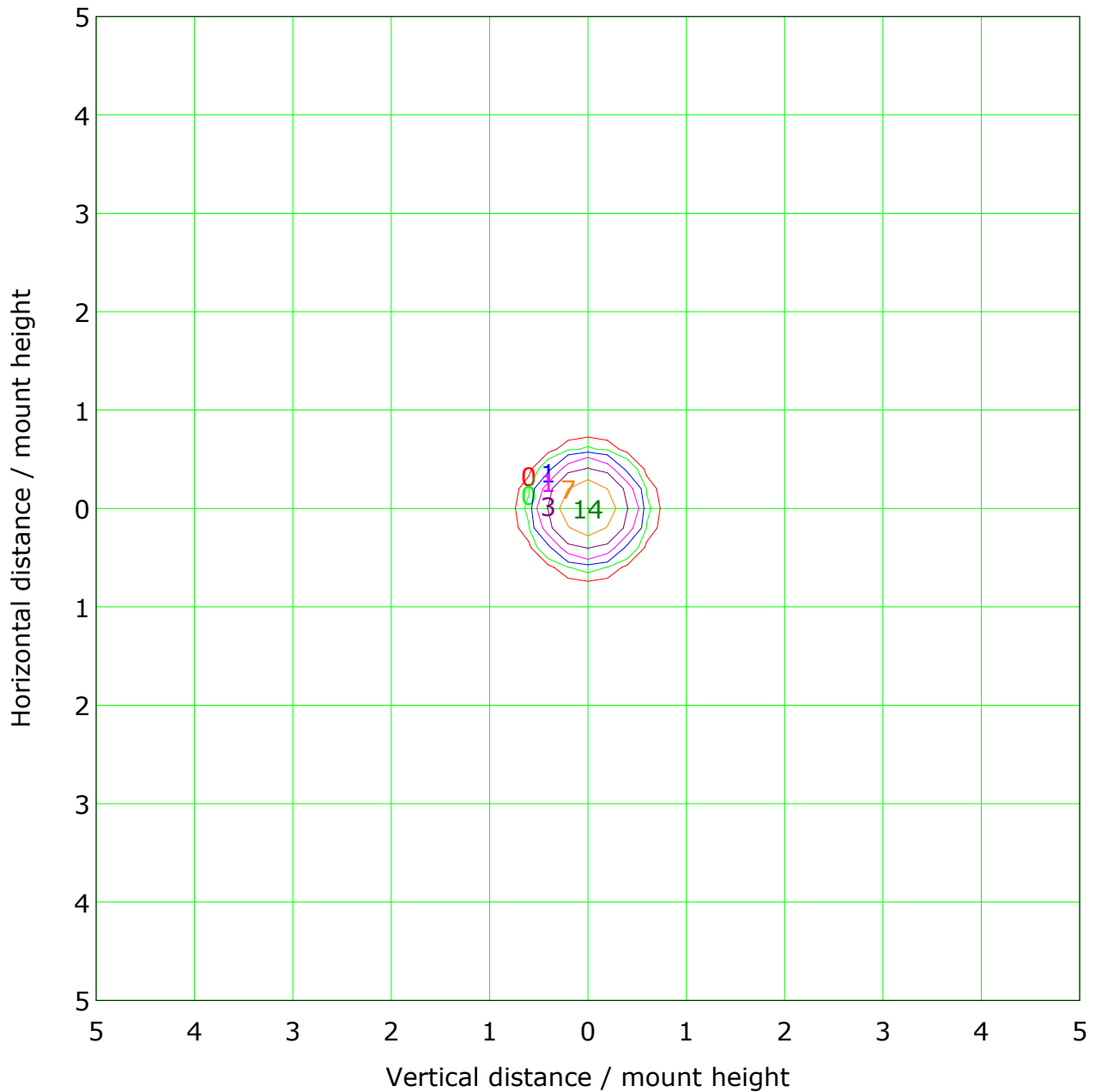
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 14 lx	
( 1%):	0 lx	( 2%):	0 lx
( 5%):	1 lx	( 10%):	1 lx
( 20%):	3 lx	( 50%):	7 lx
(100%):	14 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

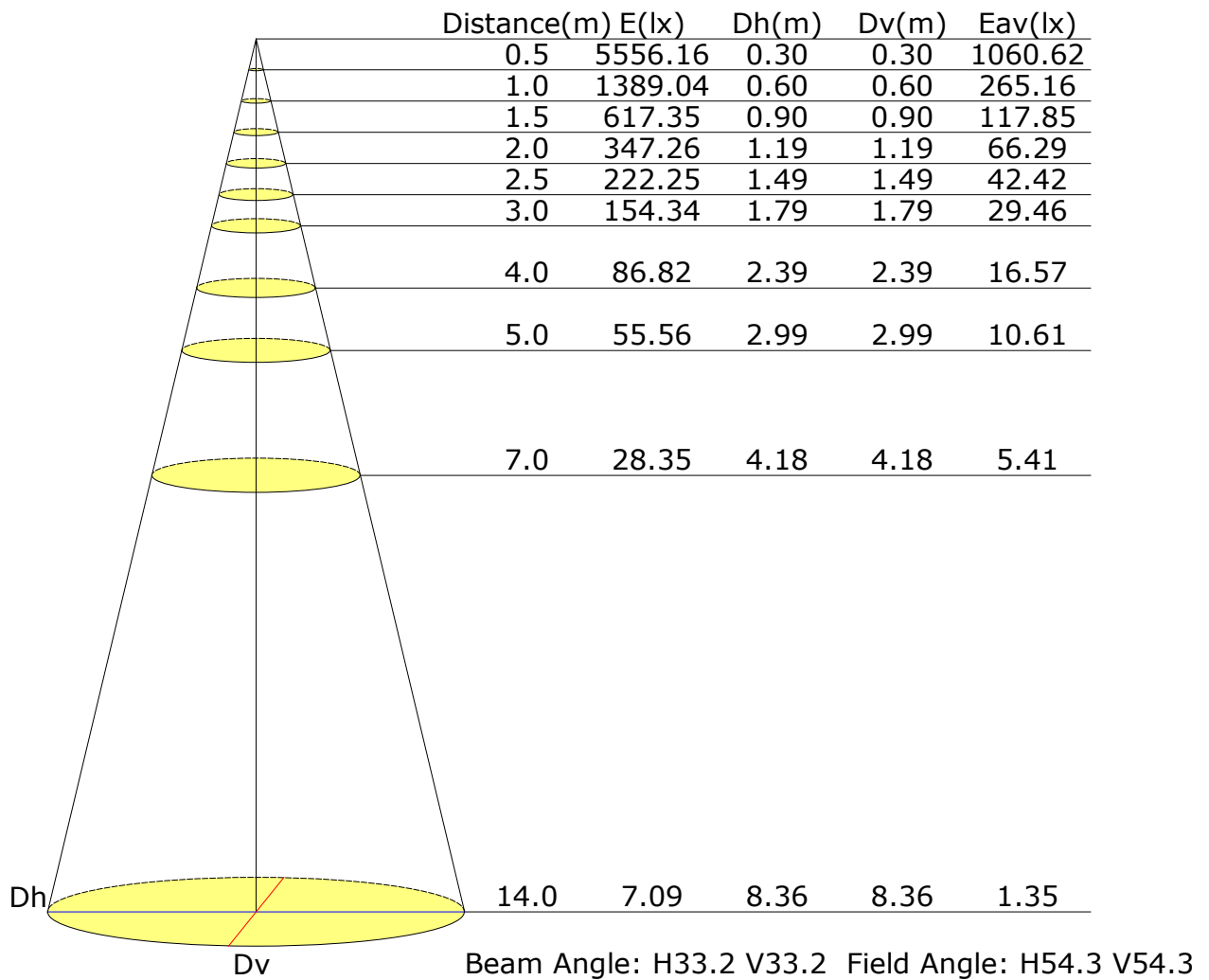
Test Device: CHL-6E

Distance: 3.000 m

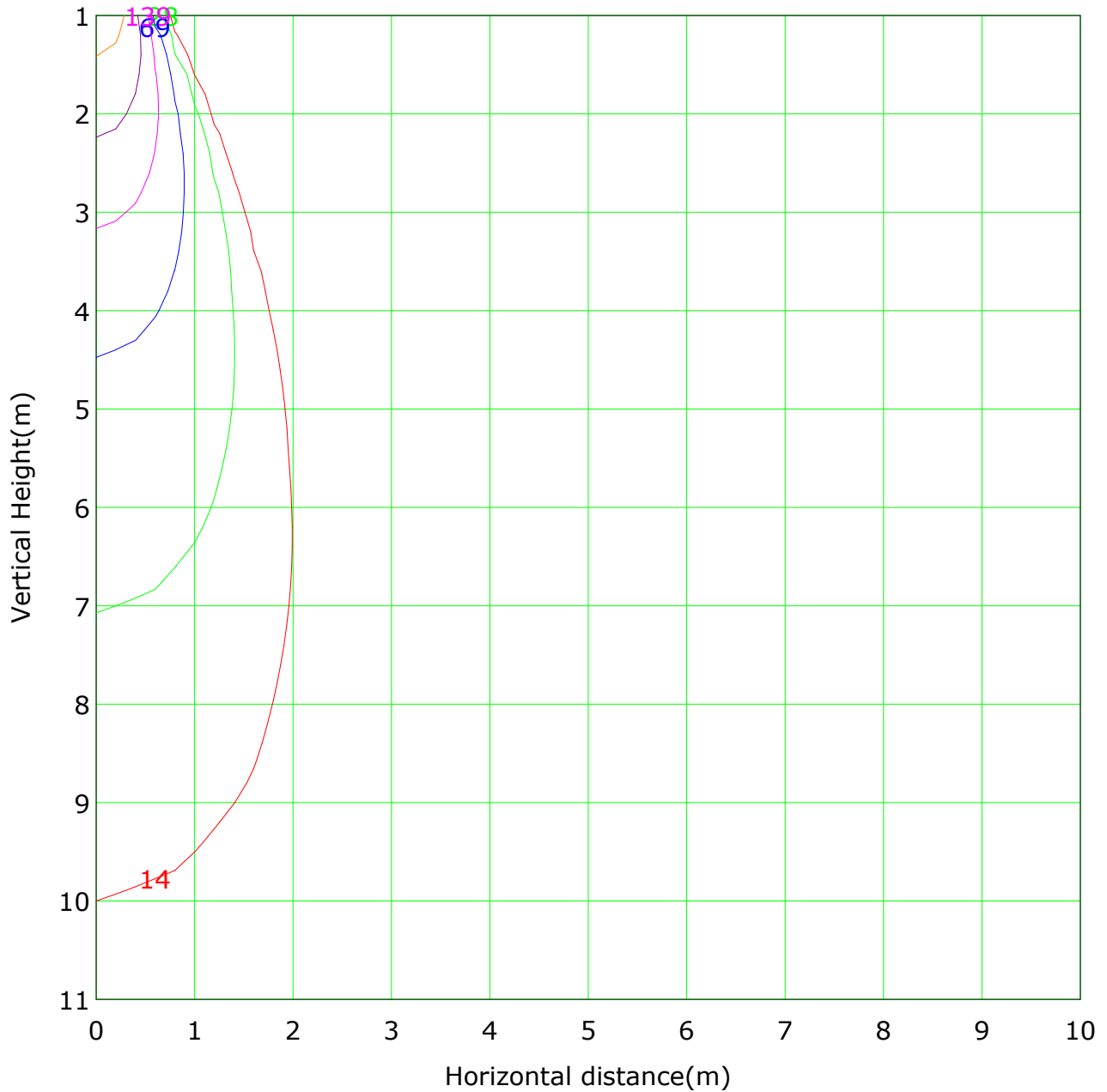
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



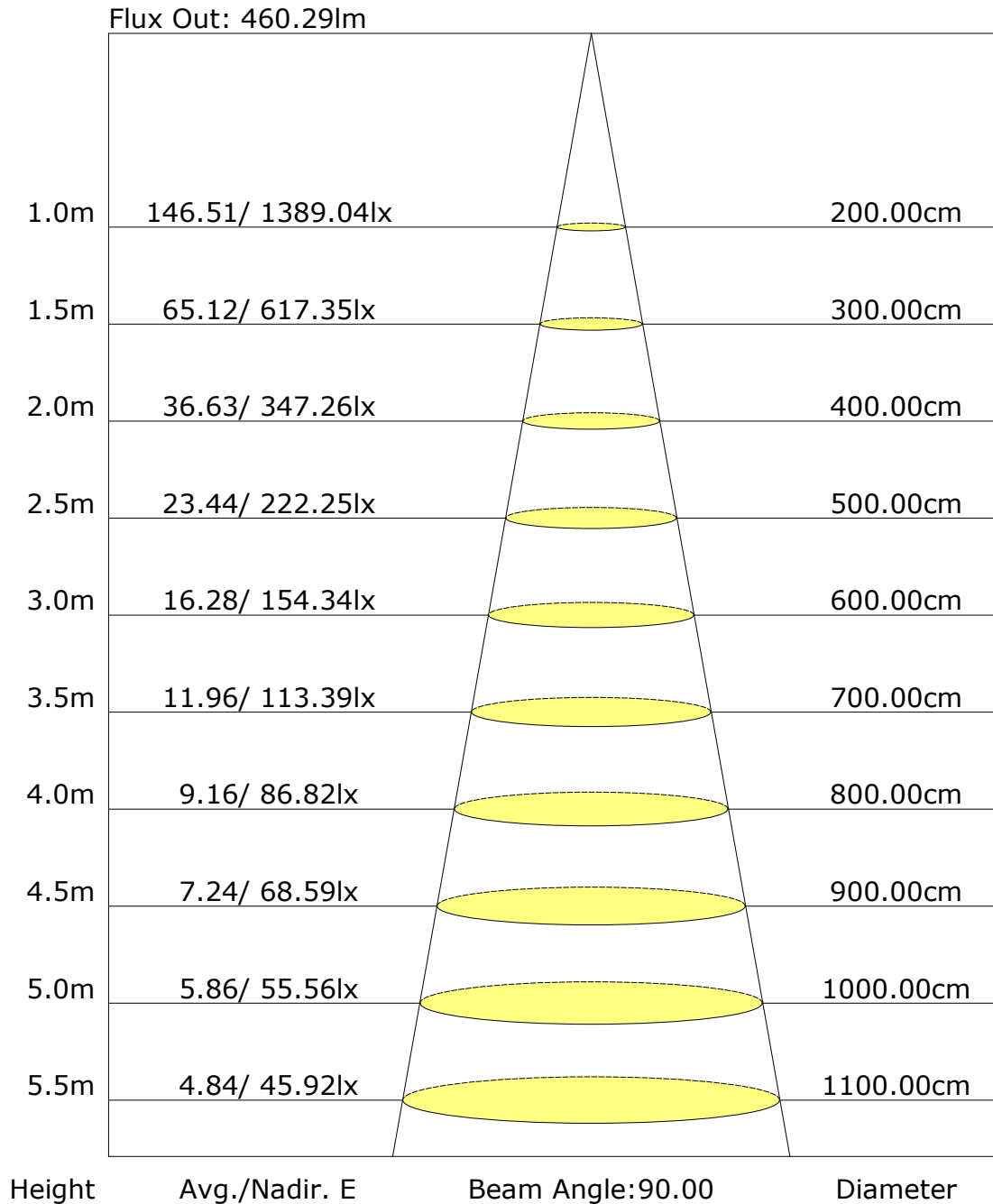
Lowest(m): 1m    Highest(m): 11    Max Lux: 1389

( 1%): 14 lx	( 2%): 28 lx
( 5%): 69 lx	( 10%): 139 lx
( 20%): 278 lx	( 50%): 695 lx
(100%): 1389 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: