

Report No.: 91.06511 UTH Surface mounted Test Time: 2023-09-02 11:35

## Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90

Voltage: 220.2 V

Current: 0.051 A

Power: 6.60 W

Power Factor: 0.585

## Photometric Results

CIE Class: Direct

Measurement Flux: 440.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H34

Vertical Diffuse Angle(50%): V34

Luminaire Efficacy Rating (LER): 67

Max. Intensity: 1016.6 cd

Total Rated Lamp Lumens: 440.8 lm

Efficiency: 100%

Upward Ratio: 0%

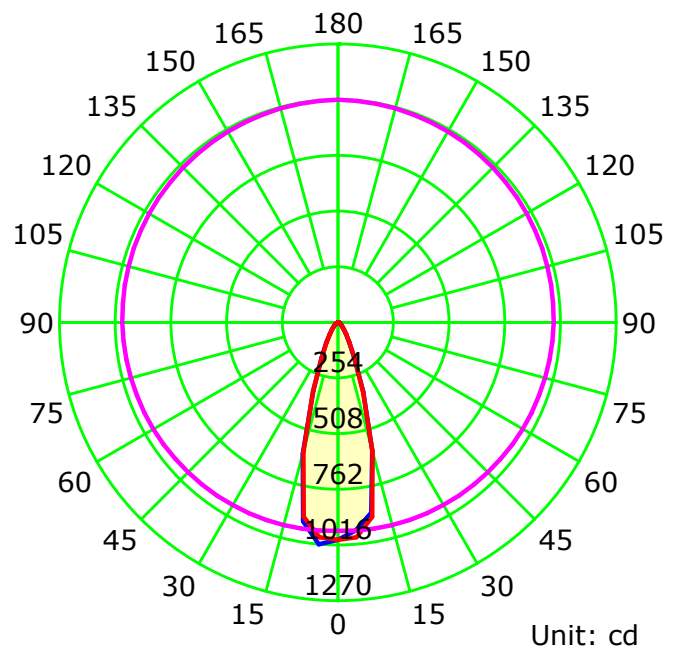
Central Intensity: 991.67 cd

Pos of Max. Intensity: H180 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G5

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

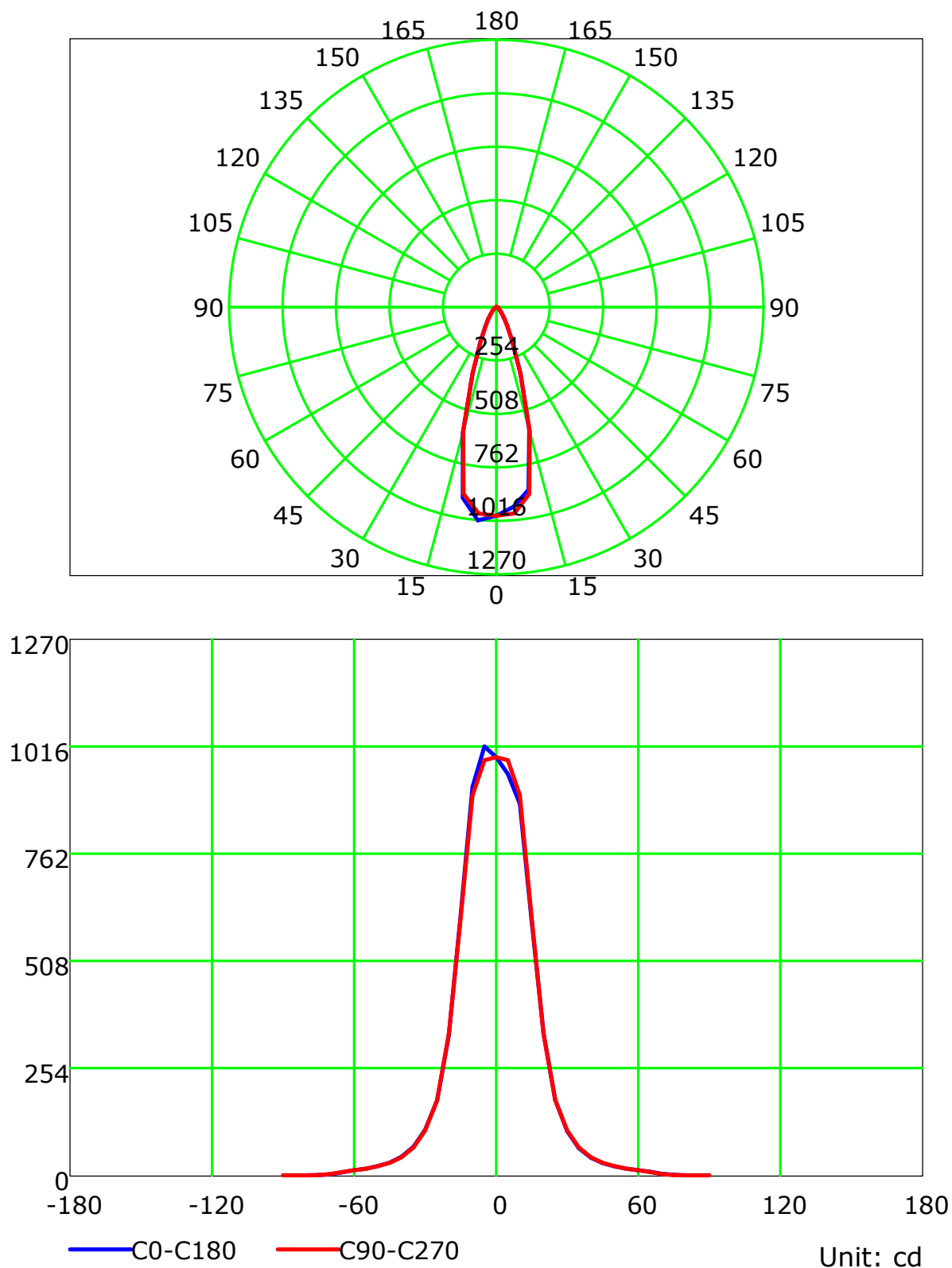
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

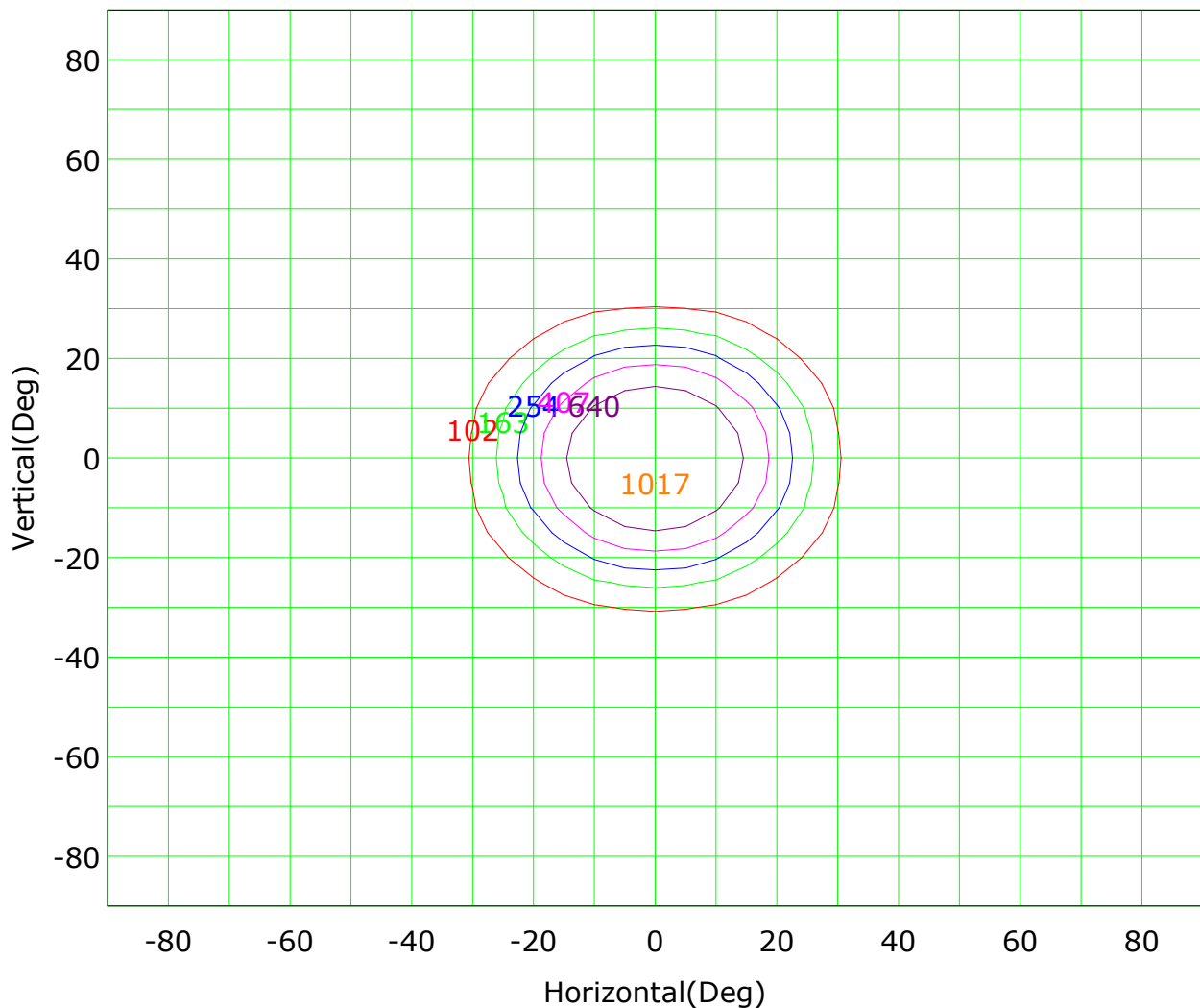
## Luminous Intensity Distribution Curve



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%): 1017 cd

( 10%): 102 cd	( 16%): 163 cd
( 25%): 254 cd	( 40%): 407 cd
( 63%): 640 cd	(100%): 1017 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

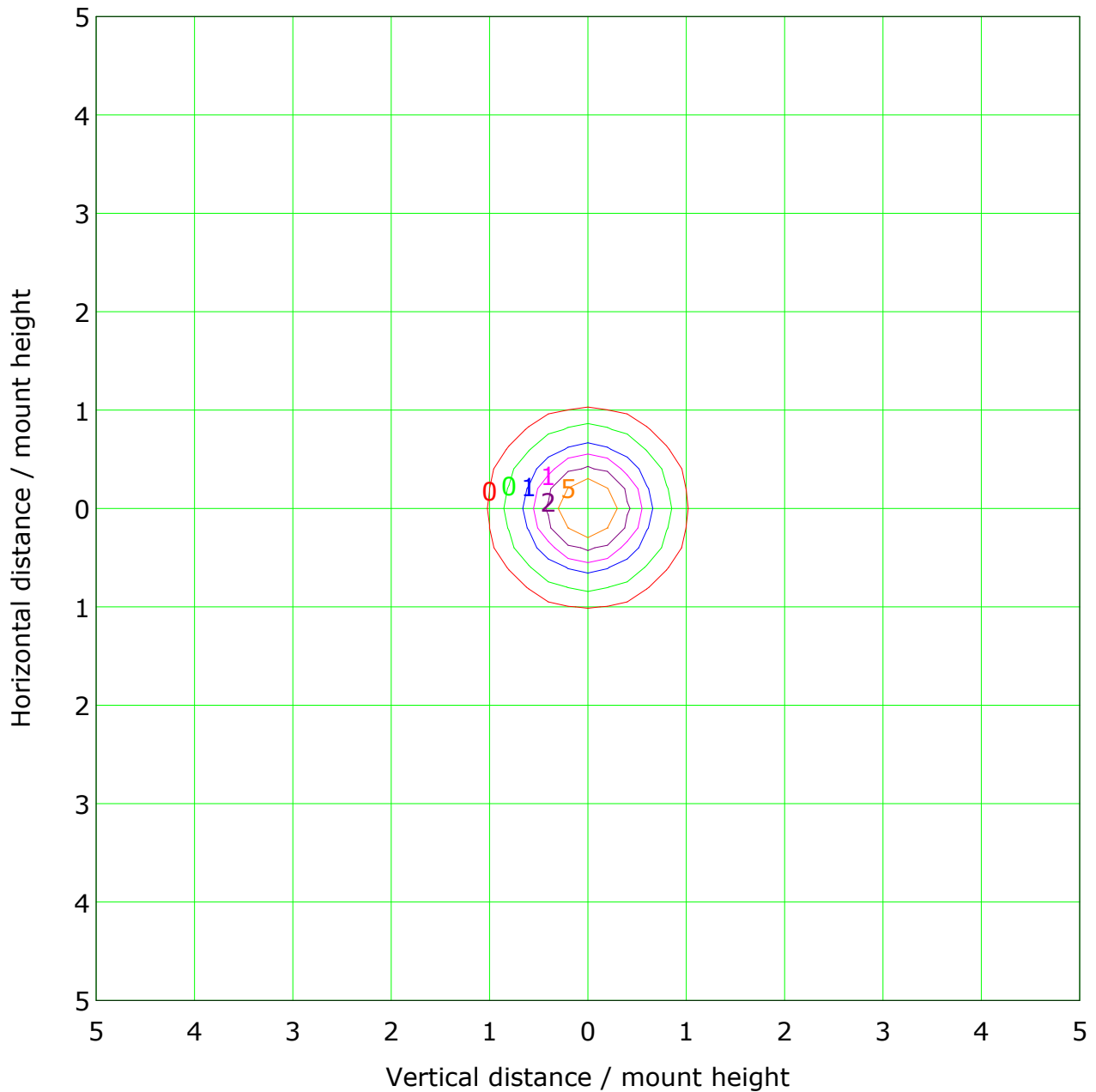
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



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

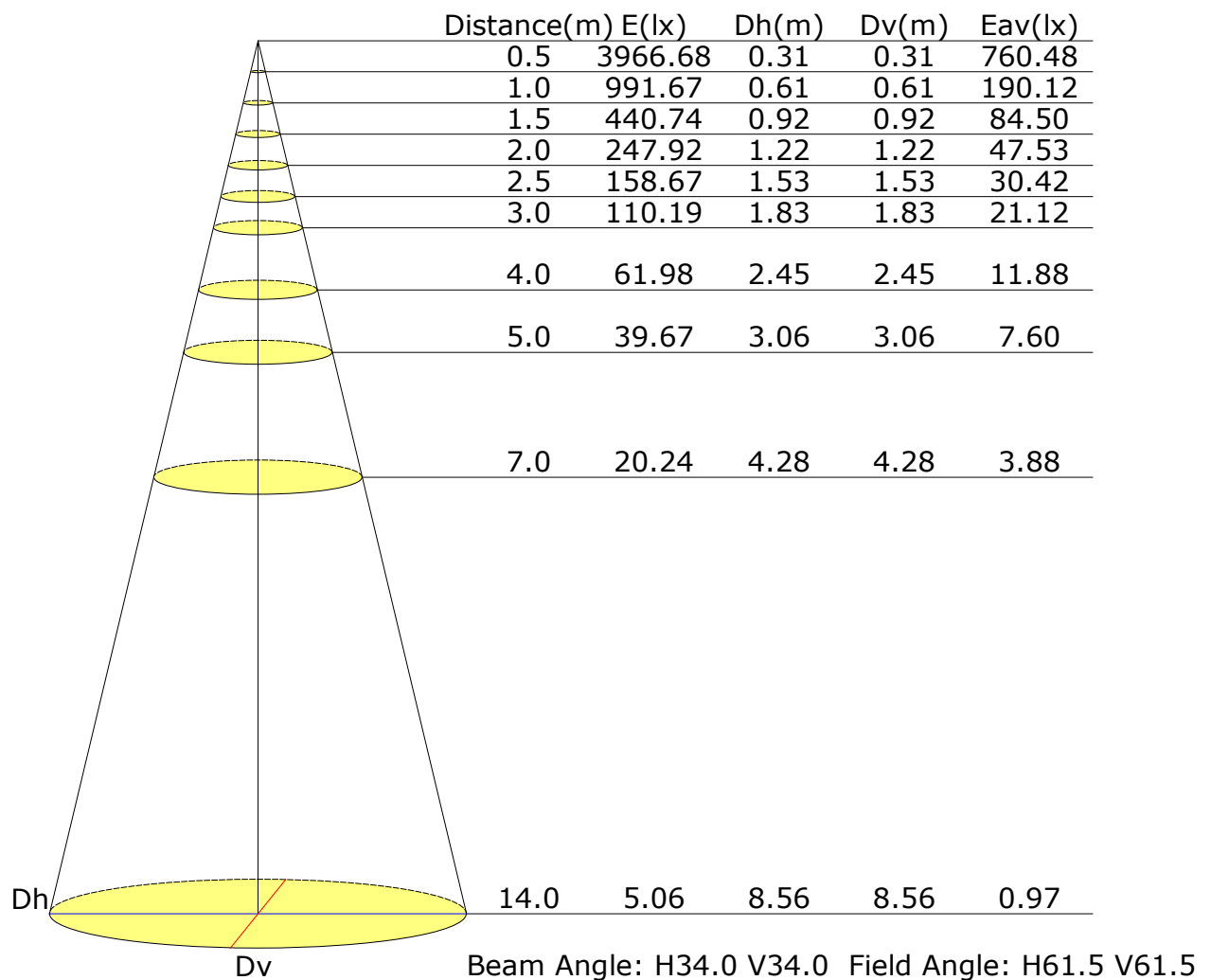
Test Device: CHL-6E

Distance: 3.000 m

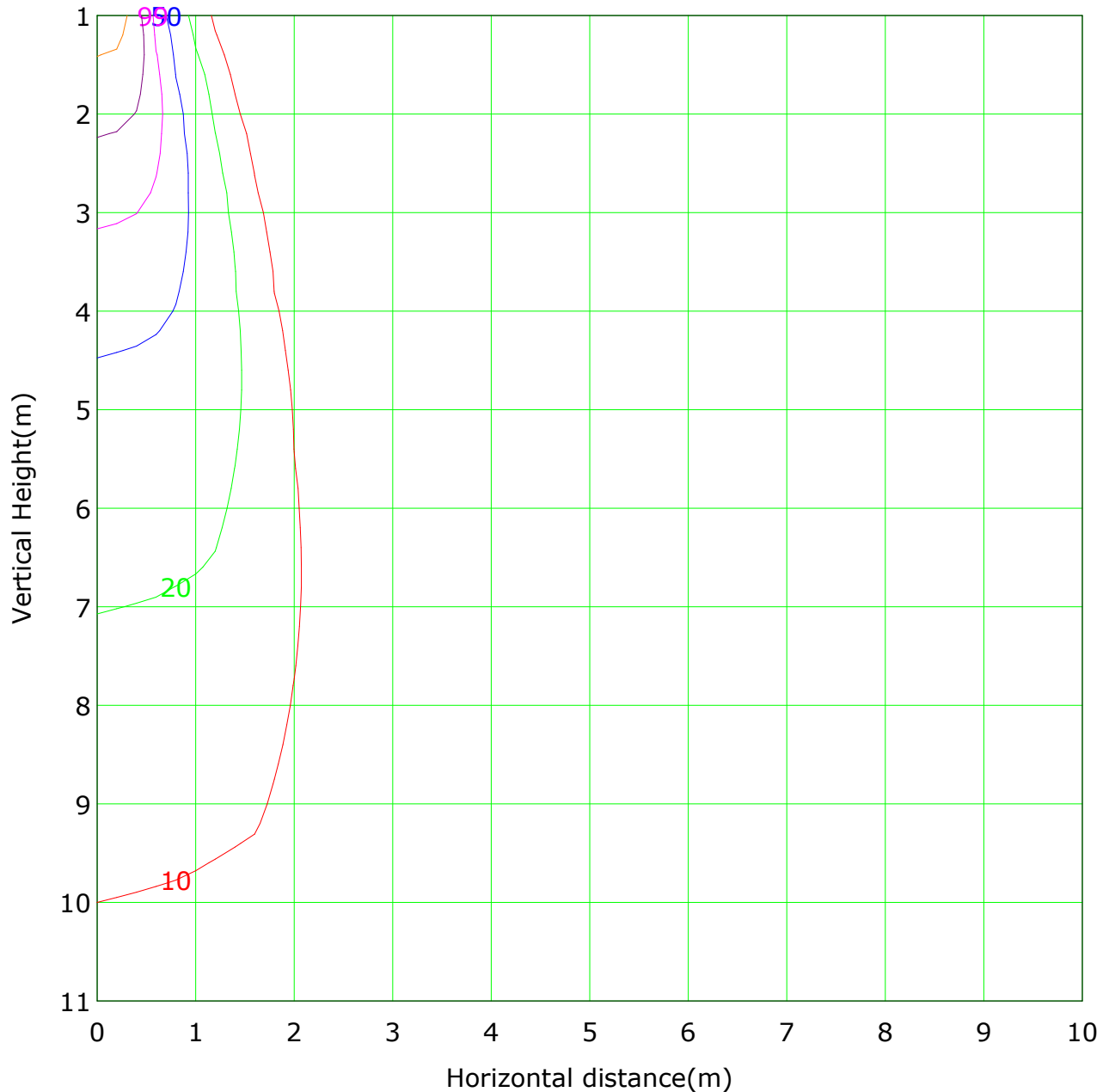
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



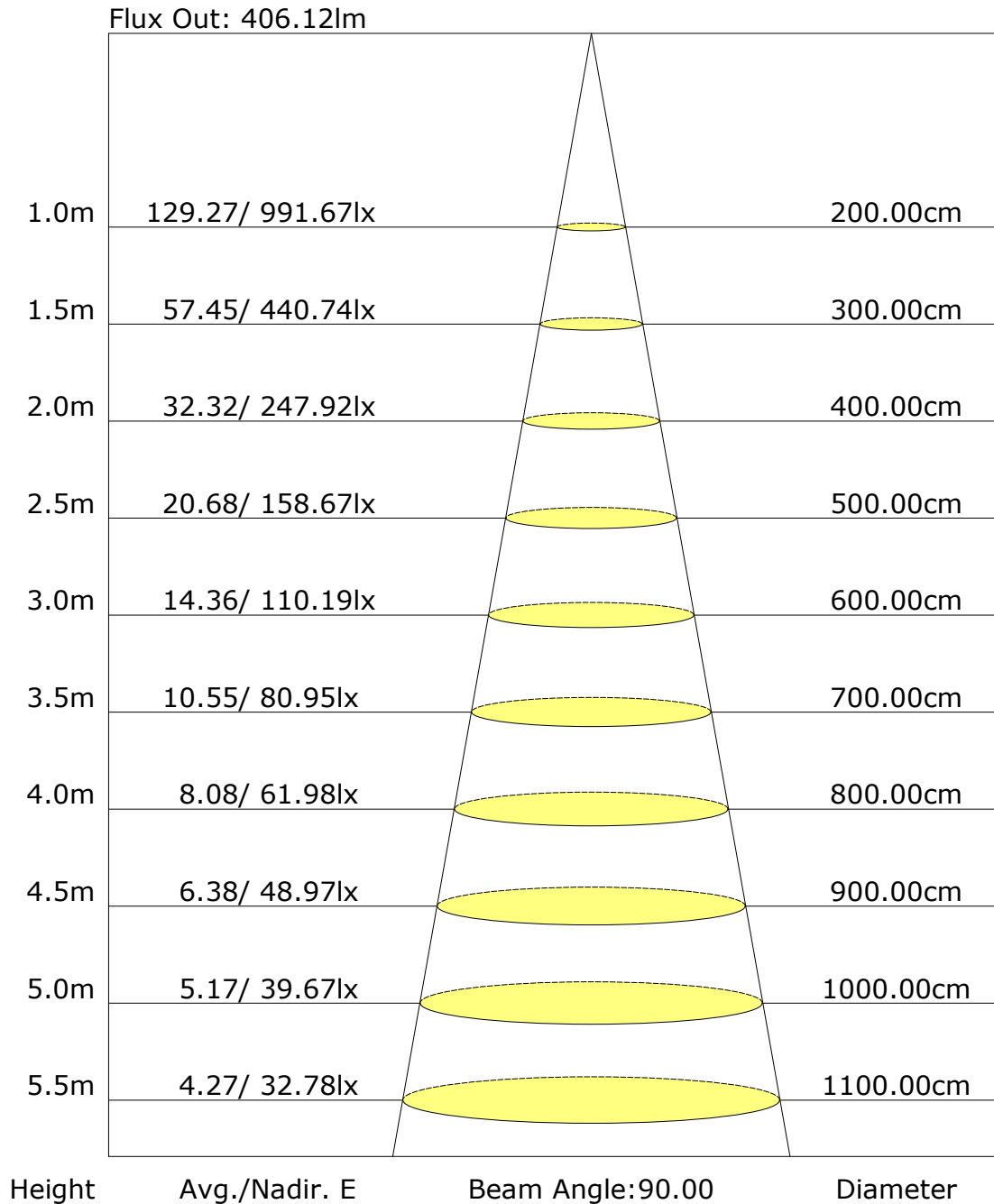
Lowest(m): 1m    Highest(m): 11    Max Lux: 992

( 1%): 10 lx	( 2%): 20 lx
( 5%): 50 lx	( 10%): 99 lx
( 20%): 198 lx	( 50%): 496 lx
(100%): 992 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: