

Report No.: AX-TL-AX-10W-045

Test Time: 2023-09-13 15:57

## Luminaire Property

Luminaire Category: Bridgelux V8 4000K CRI90

Voltage: 221.5 V

Current: 0.052 A

Power: 10.70 W

Power Factor: 0.930

## Photometric Results

CIE Class: Direct

Measurement Flux: 917 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H56.2

Vertical Diffuse Angle(50%): V56.2

Luminaire Efficacy Rating (LER): 86

Max. Intensity: 1186.97 cd

Total Rated Lamp Lumens: 917.0 lm

Efficiency: 100%

Upward Ratio: 0%

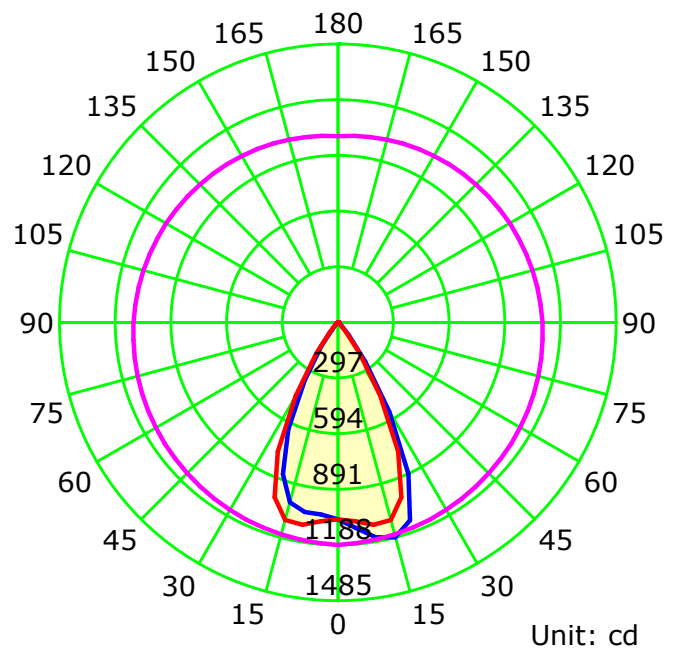
Central Intensity: 1050.68 cd

Pos of Max. Intensity: H0 V15

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G15

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

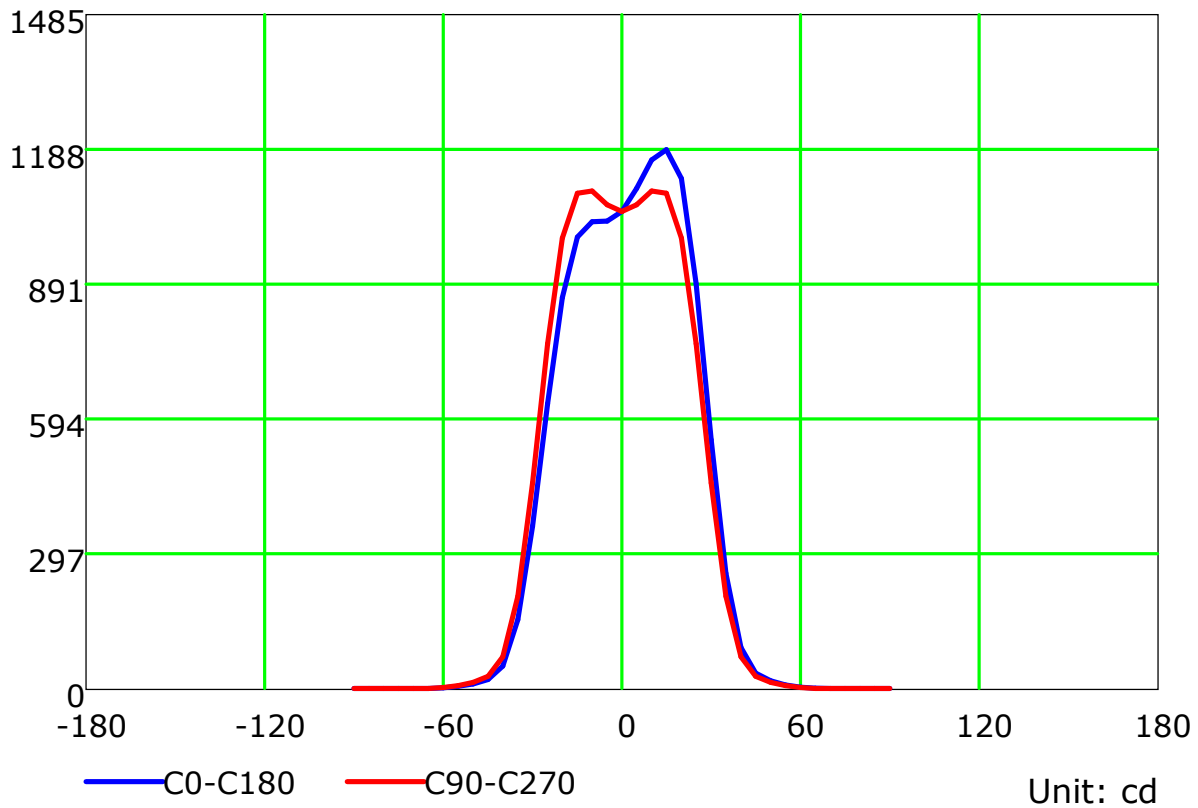
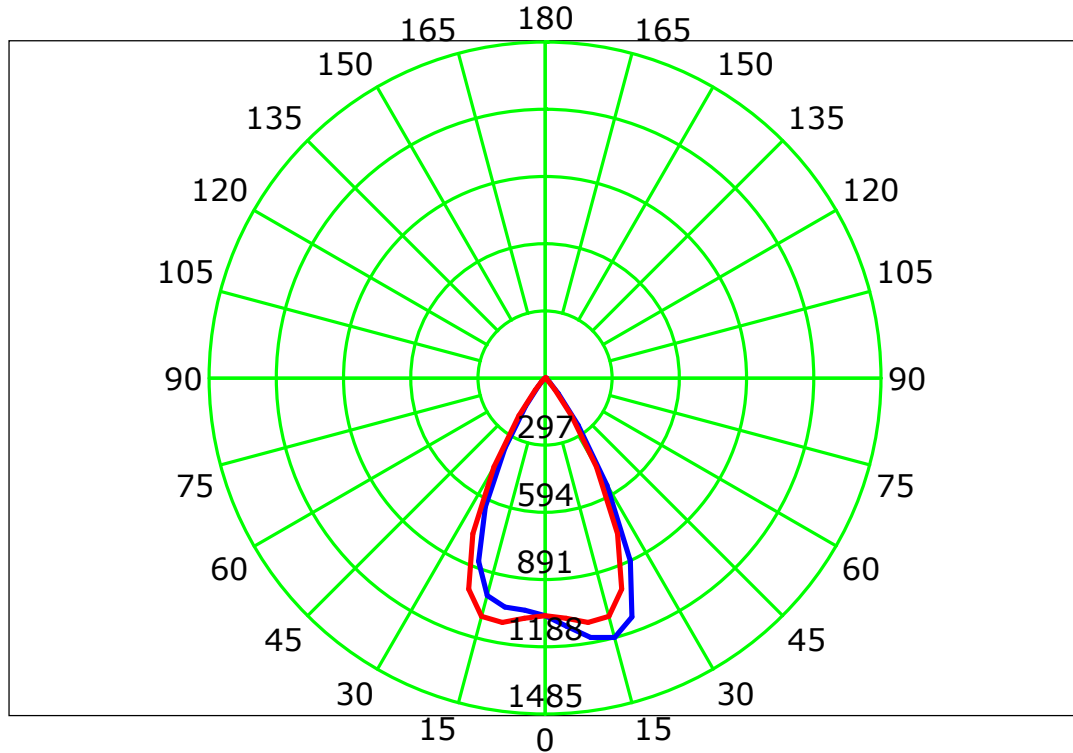
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

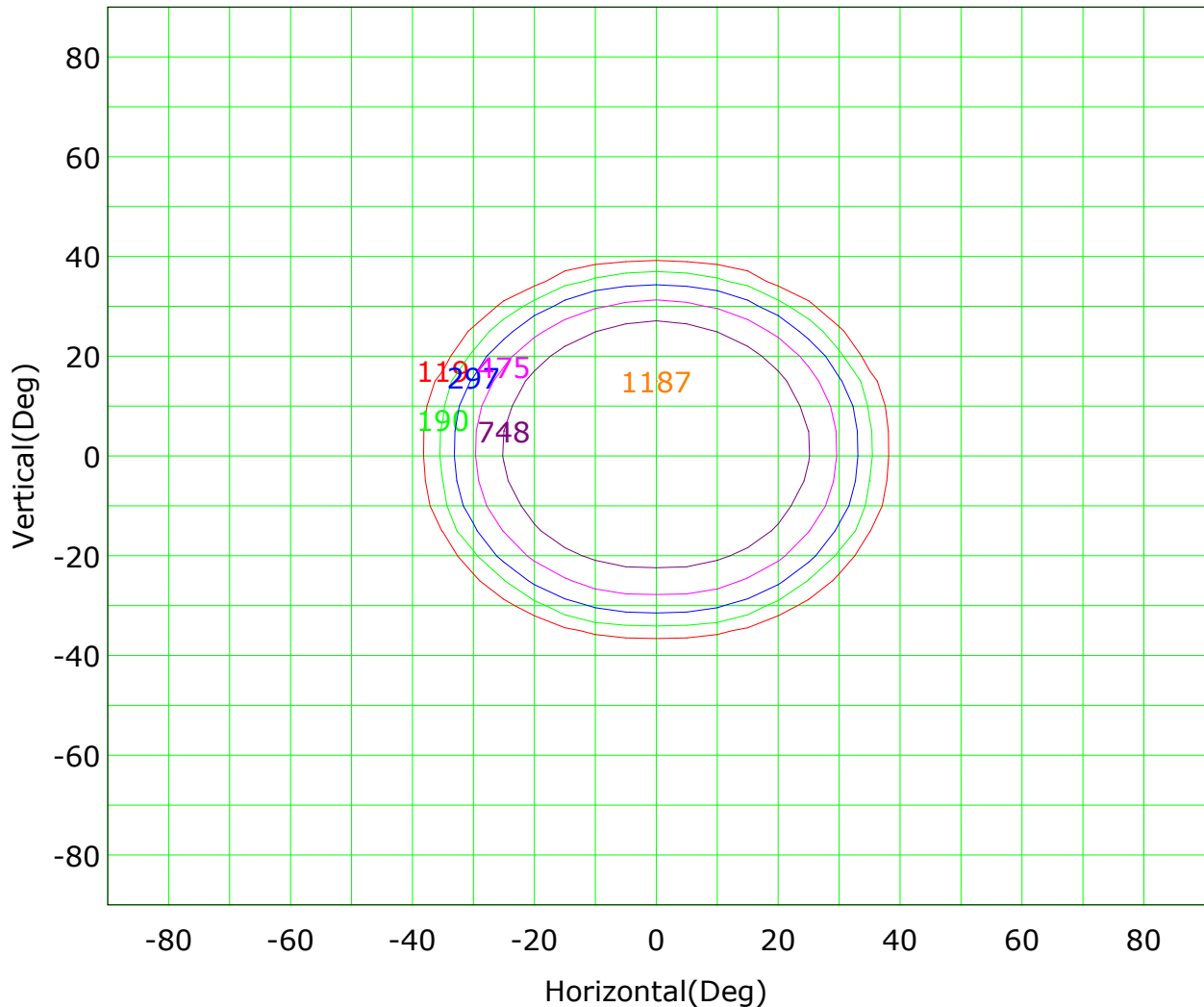
## Luminous Intensity Distribution Curve



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%): 1187 cd

( 10%): 119 cd	( 16%): 190 cd
( 25%): 297 cd	( 40%): 475 cd
( 63%): 748 cd	(100%): 1187 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

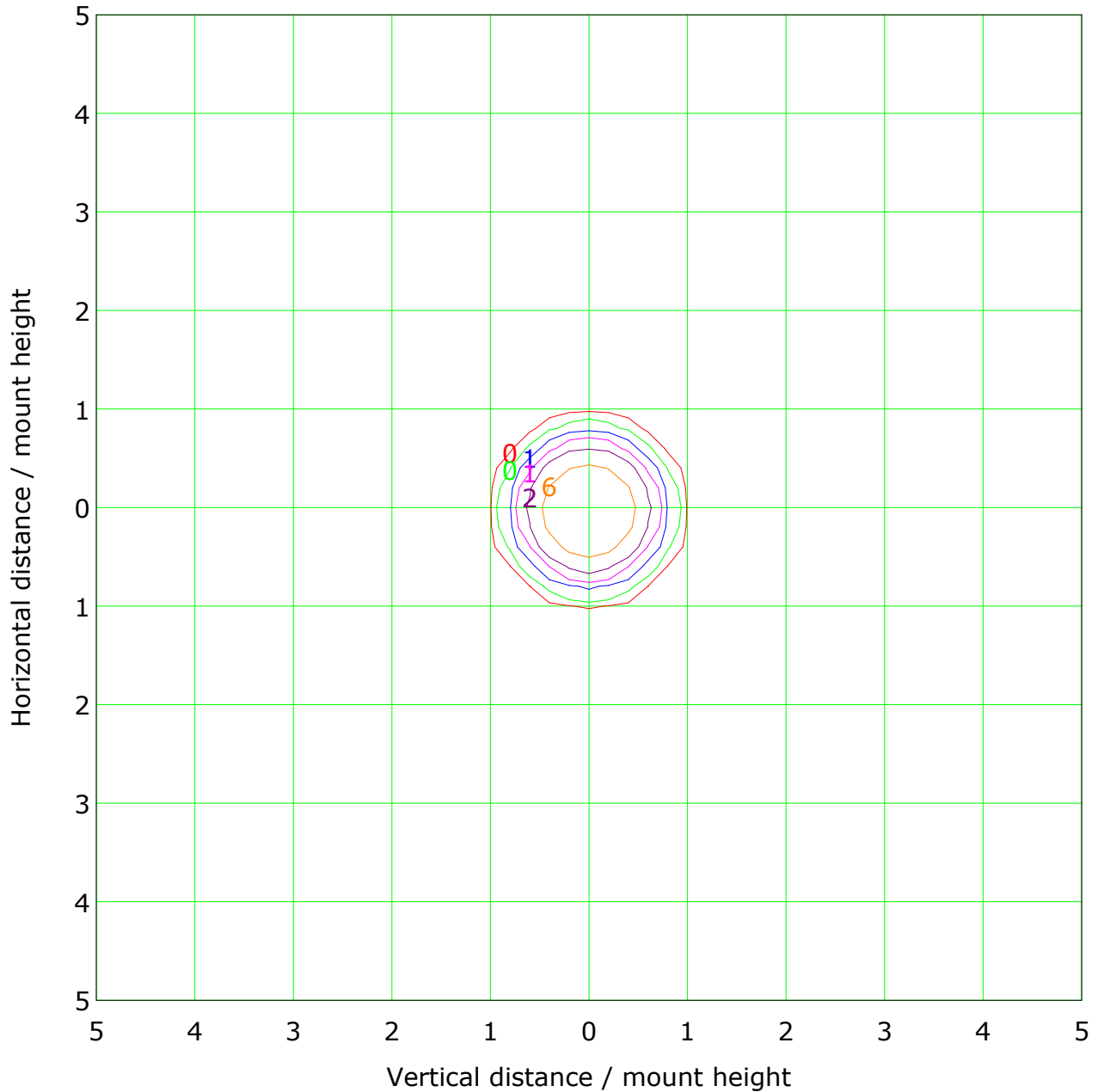
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 11 lx	
— ( 1%):	0 lx	— ( 2%):	0 lx
— ( 5%):	1 lx	— ( 10%):	1 lx
— ( 20%):	2 lx	— ( 50%):	6 lx
— (100%):	11 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

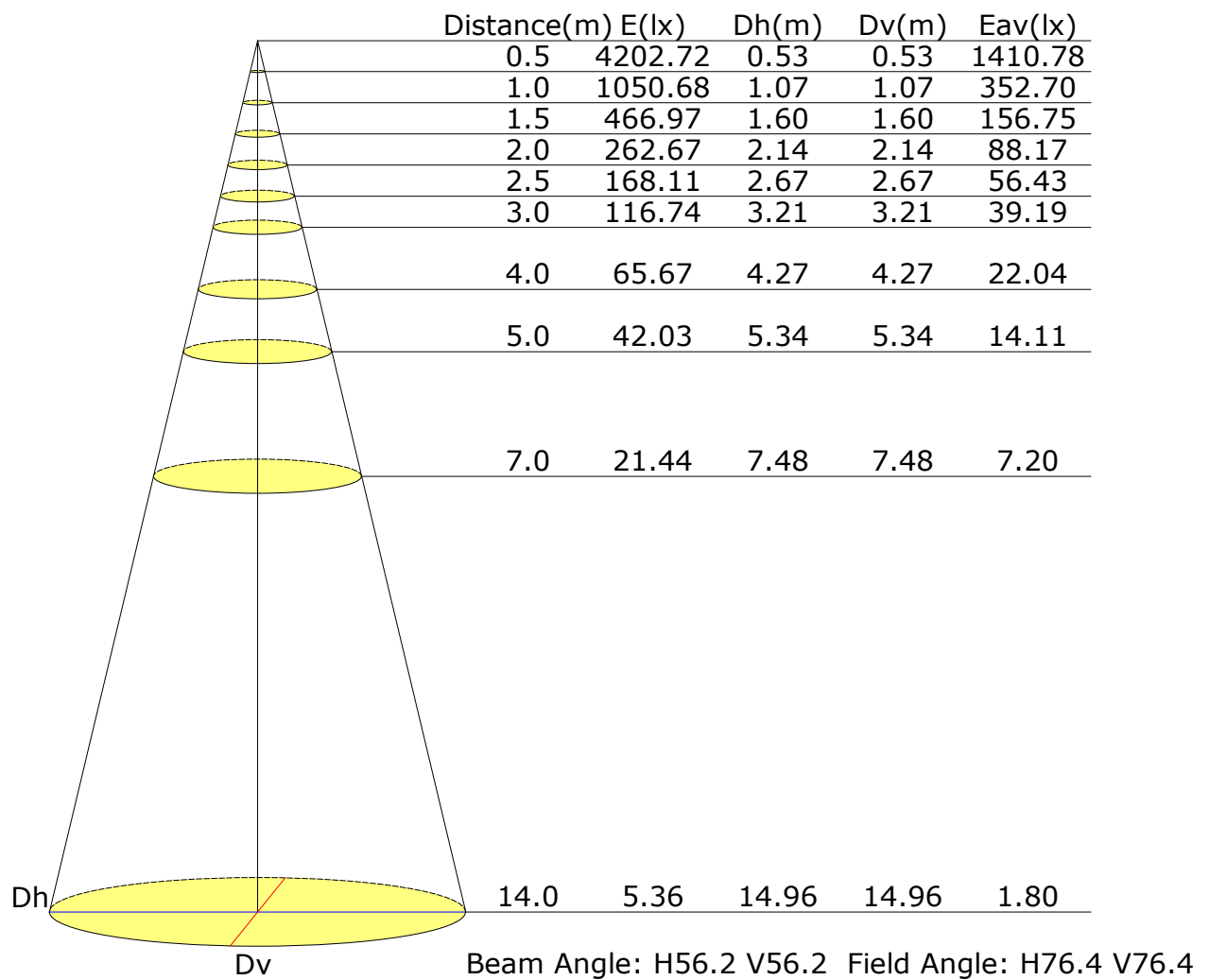
Test Device: CHL-6E

Distance: 3.000 m

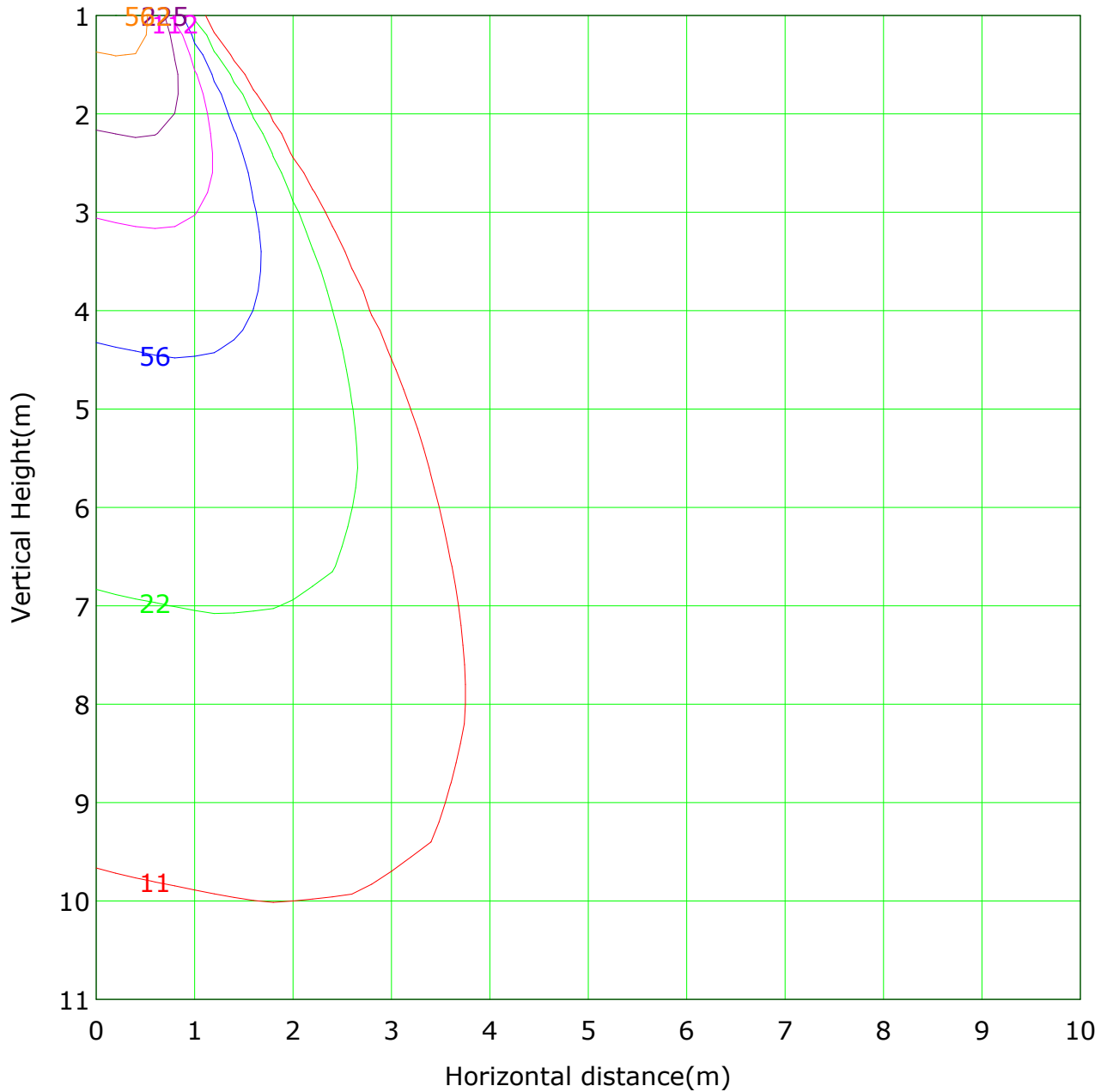
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



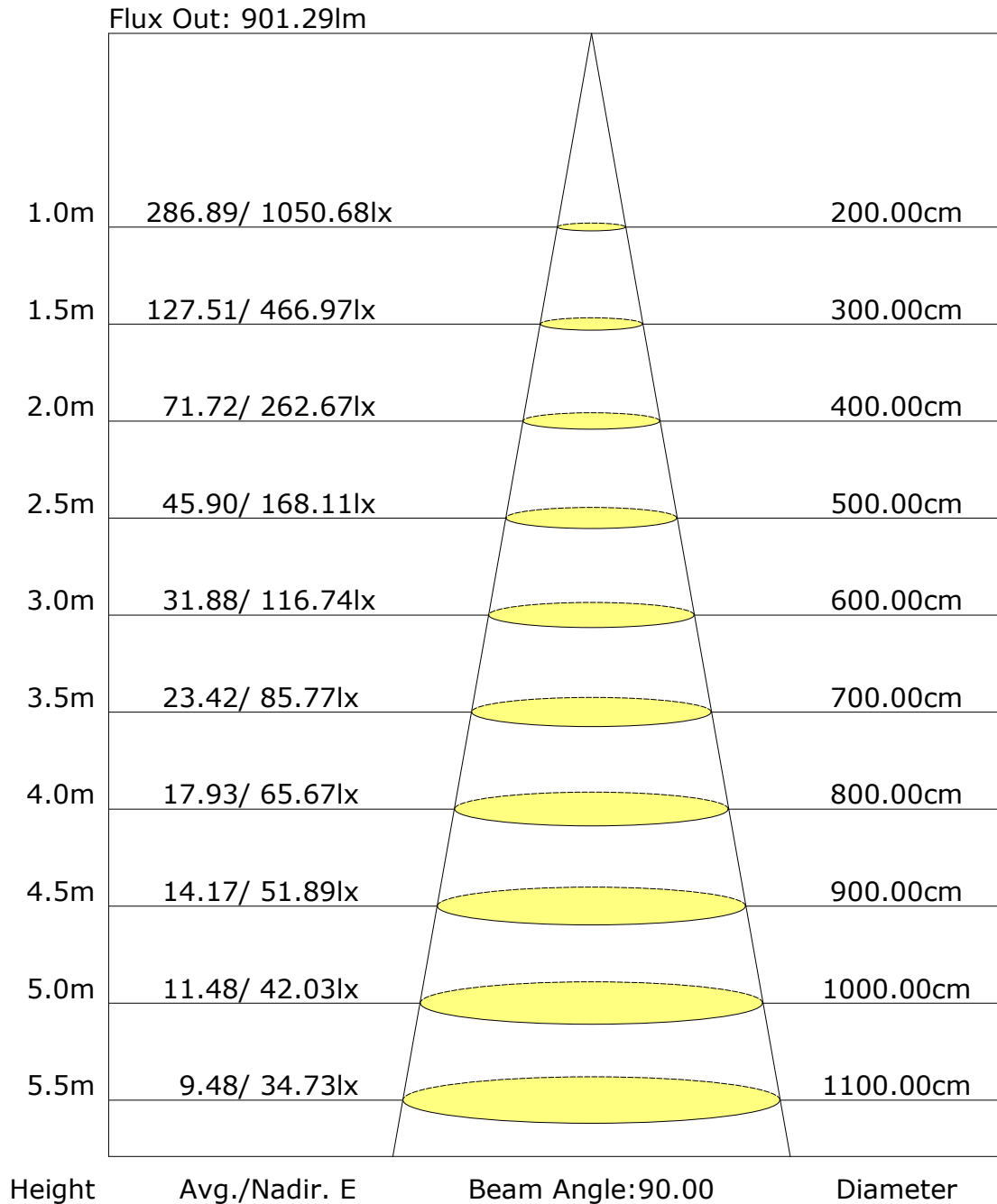
Lowest(m): 1m Highest(m): 11 Max Lux: 1125

( 1%): 11 lx	( 2%): 22 lx
( 5%): 56 lx	( 10%): 112 lx
( 20%): 225 lx	( 50%): 562 lx
(100%): 1125 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



[illegible]

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



Inspector: