

Report No.: AX-TL-SP-36W-090 Test Time: 2023-09-13 14:37

## Luminaire Property

Luminaire Category: Bridgelux F90 V13C 3000K CRI90

Voltage: 224.7 V

Current: 0.169 A

Power: 36.40 W

Power Factor: 0.956

## Photometric Results

CIE Class: Direct

Measurement Flux: 4225.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H53.4

Vertical Diffuse Angle(50%): V53.4

Luminaire Efficacy Rating (LER): 116

Max. Intensity: 6056.86 cd

Total Rated Lamp Lumens: 4225.3 lm

Efficiency: 100%

Upward Ratio: 0%

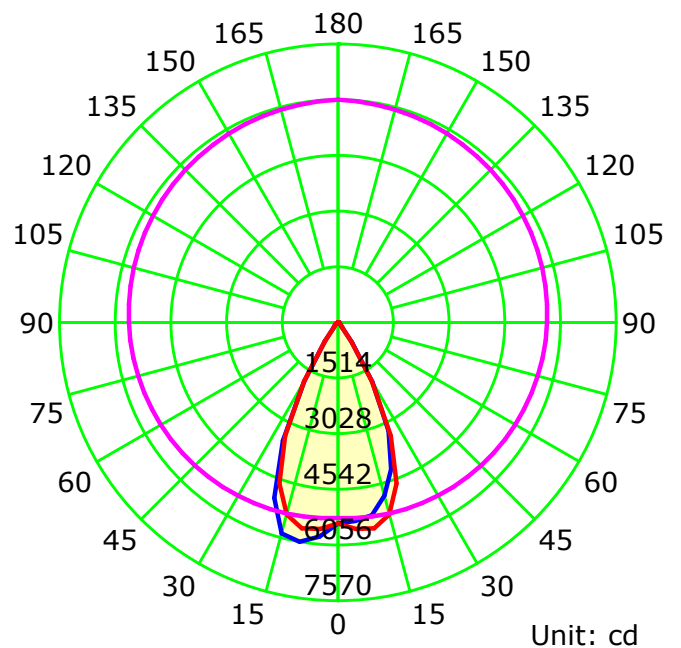
Central Intensity: 5472.33 cd

Pos of Max. Intensity: H180 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G10

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

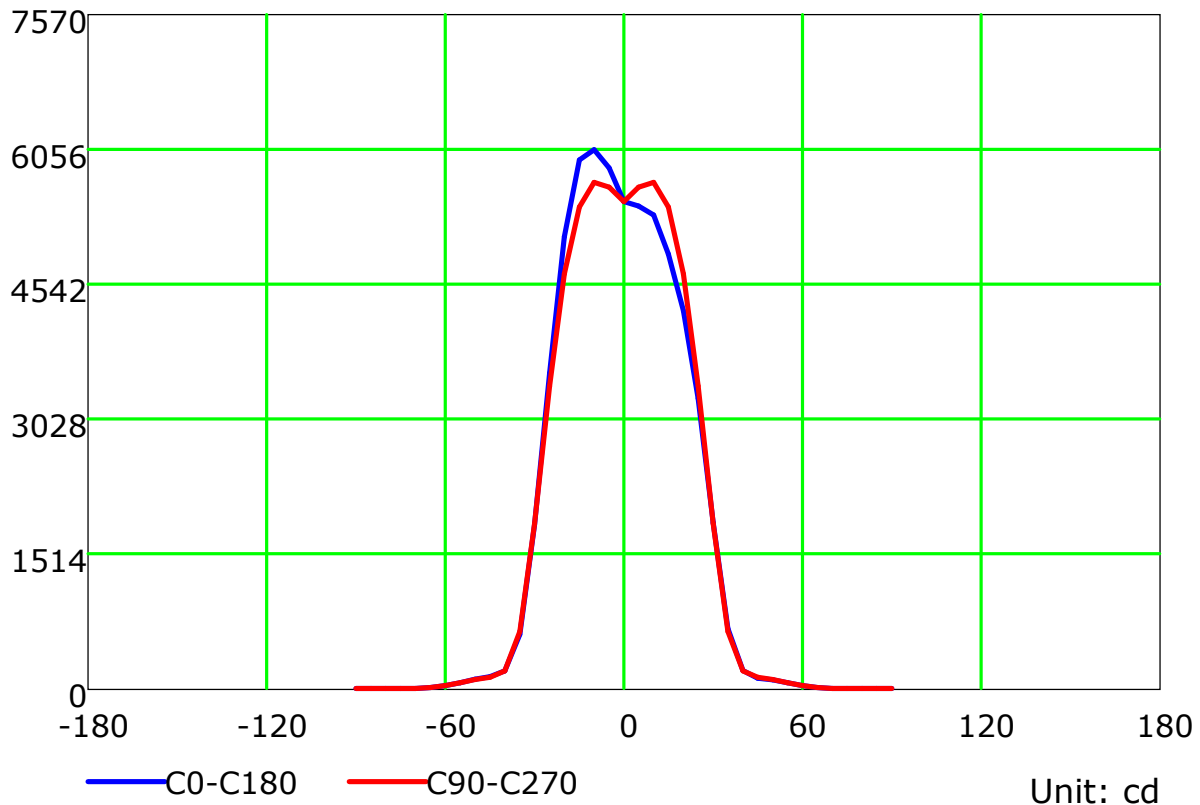
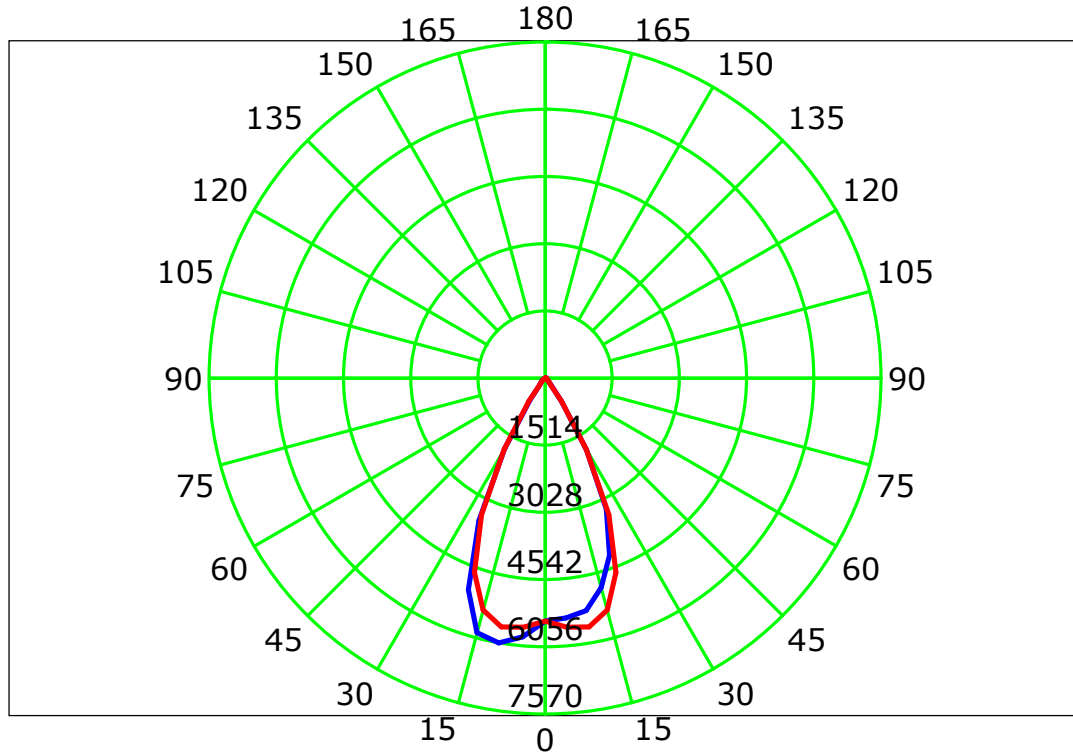
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

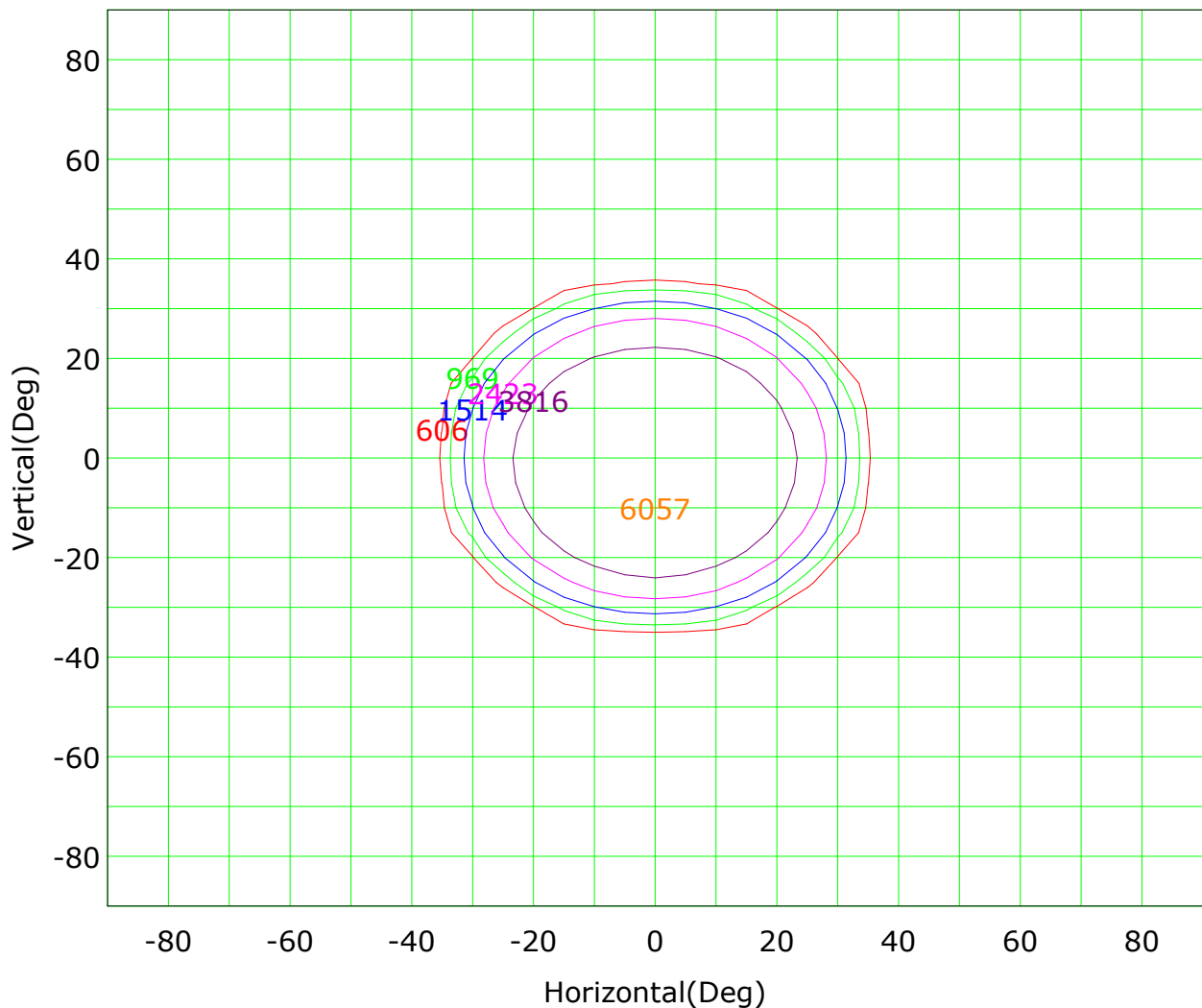
## Luminous Intensity Distribution Curve



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%): 6057 cd

( 10%): 606 cd	( 16%): 969 cd
( 25%): 1514 cd	( 40%): 2423 cd
( 63%): 3816 cd	(100%): 6057 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

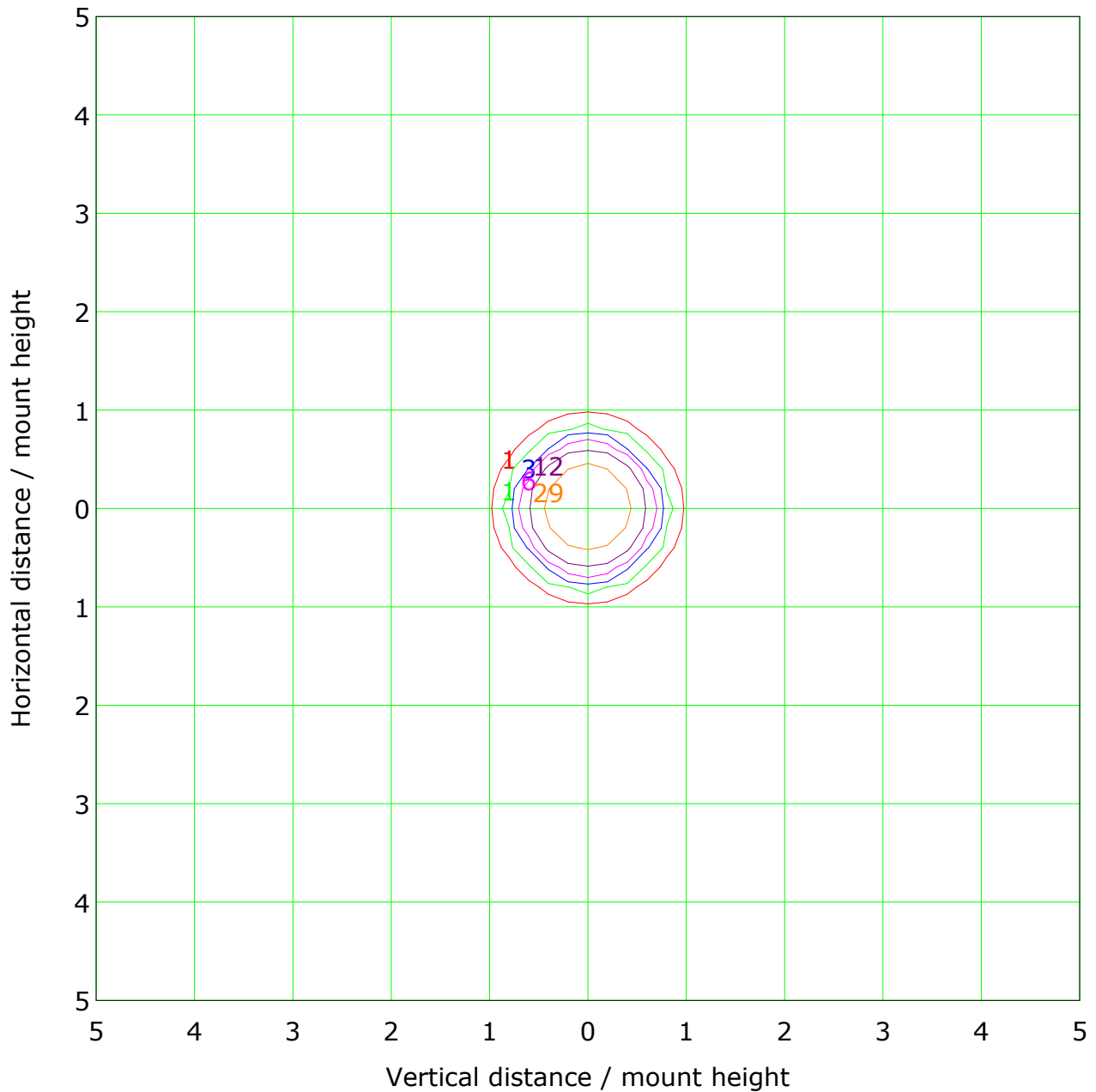
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

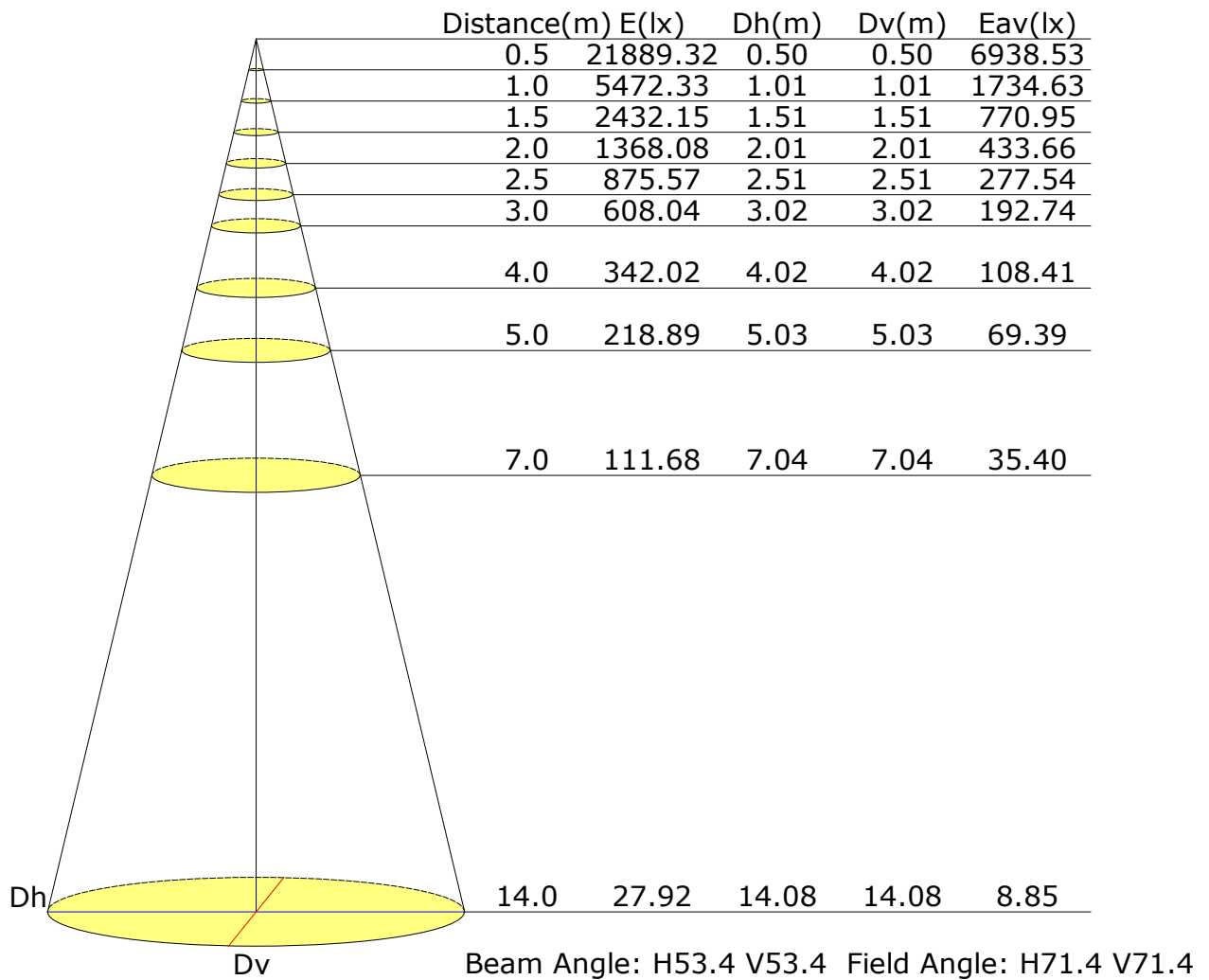


Mounting Height: 10m		Max Lux(100%): 58 lx	
( 1%):	1 lx	( 2%):	1 lx
( 5%):	3 lx	( 10%):	6 lx
( 20%):	12 lx	( 50%):	29 lx
(100%):	58 lx		

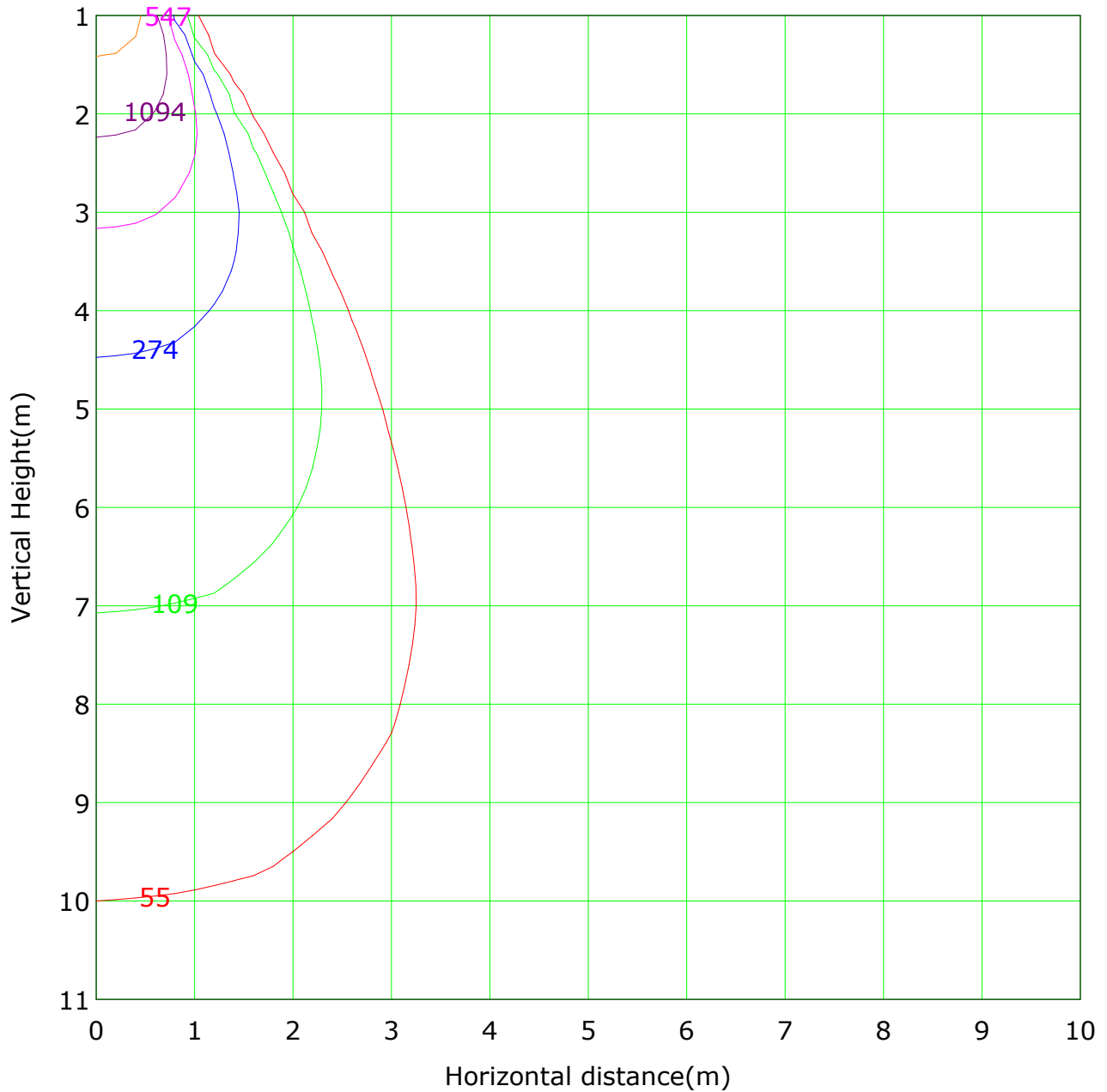
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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: 5472

( 1%): 55 lx	( 2%): 109 lx
( 5%): 274 lx	( 10%): 547 lx
( 20%): 1094 lx	( 50%): 2736 lx
(100%): 5472 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

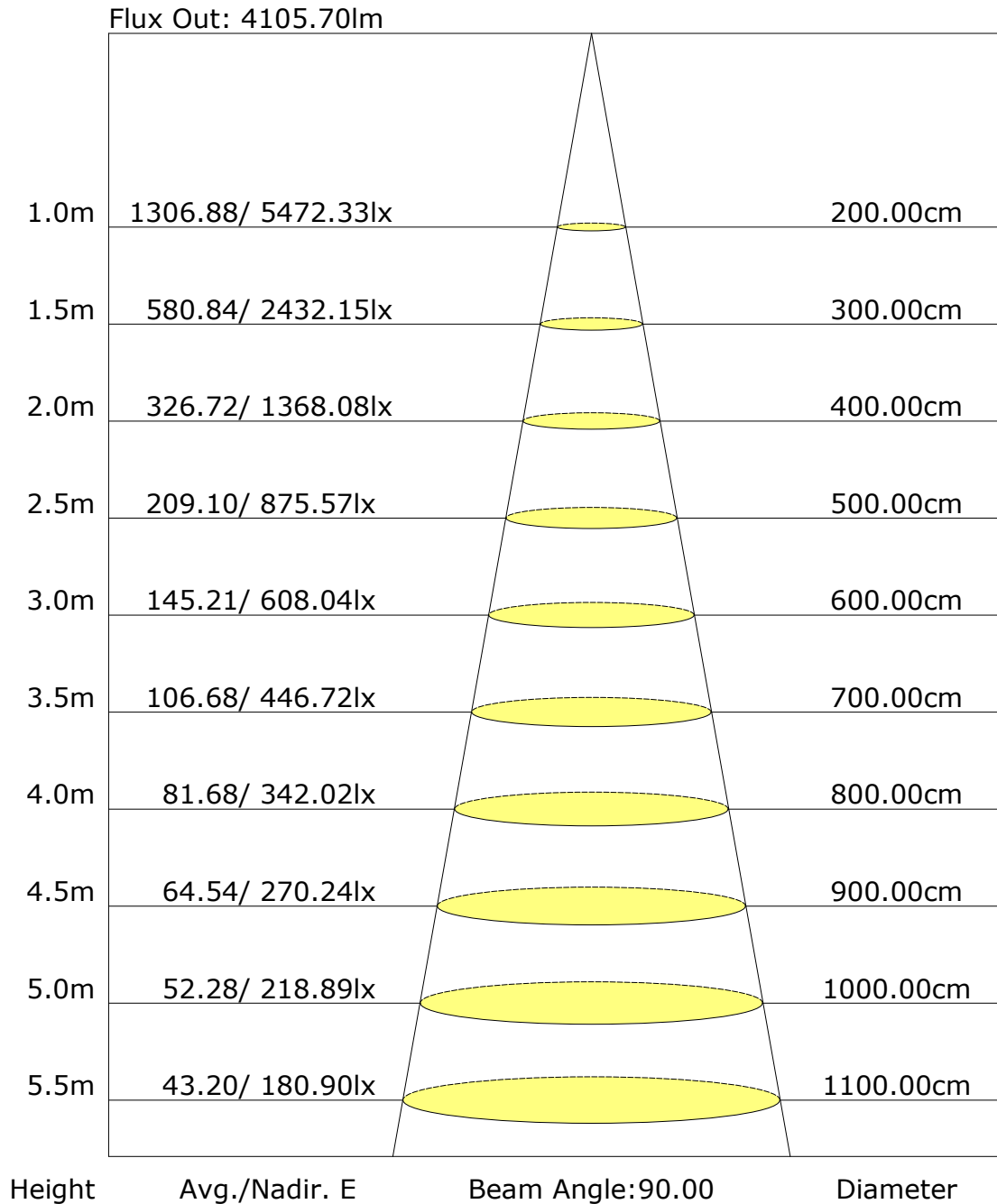
Test Device: CHL-6E

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:



Inspector: