

Report No.: 93.11611 ADJ

Test Time: 2023-09-15 14:43

## Luminaire Property

Luminaire Category:

Luminaire Description: Bridgelux V10A F90 3Voltage: 222.7 V

Current: 0.158 A

Power: 19.30 W

Power Factor: 0.545

## Photometric Results

CIE Class: Direct

Measurement Flux: 2190.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H40.8

Vertical Diffuse Angle(50%): V40.8

Luminaire Efficacy Rating (LER): 113

Max. Intensity: 4700.42 cd

Total Rated Lamp Lumens: 2190.1 lm

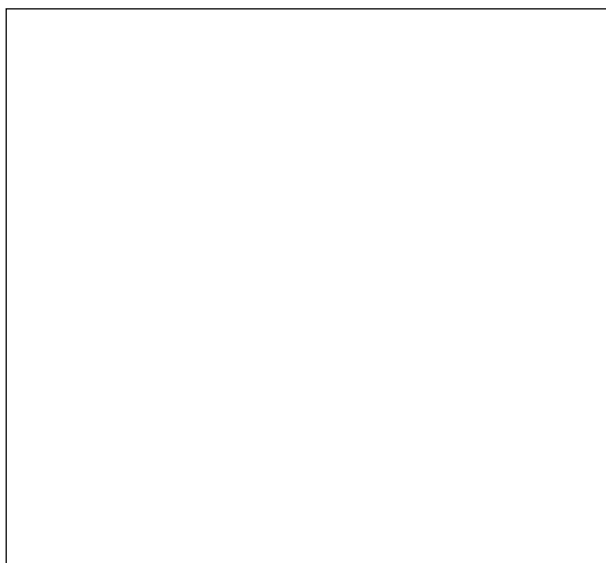
Efficiency: 100%

Upward Ratio: 0%

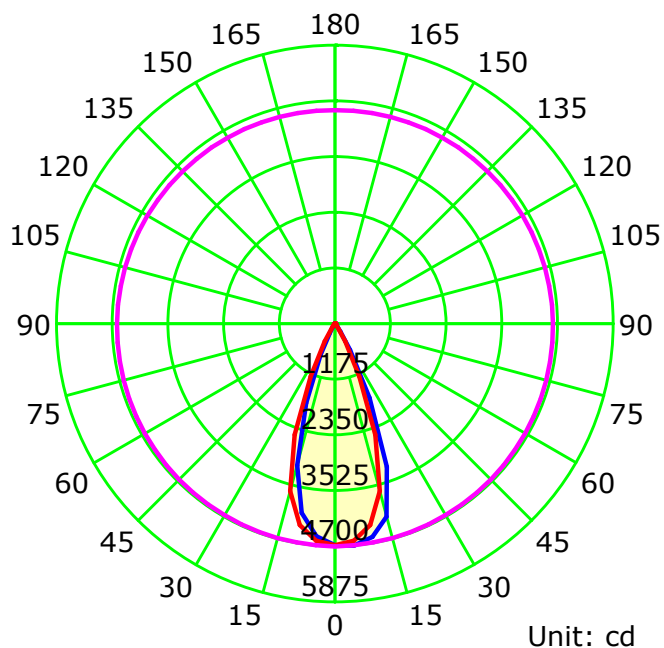
Central Intensity: 4678.13 cd

Pos of Max. Intensity: H0 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

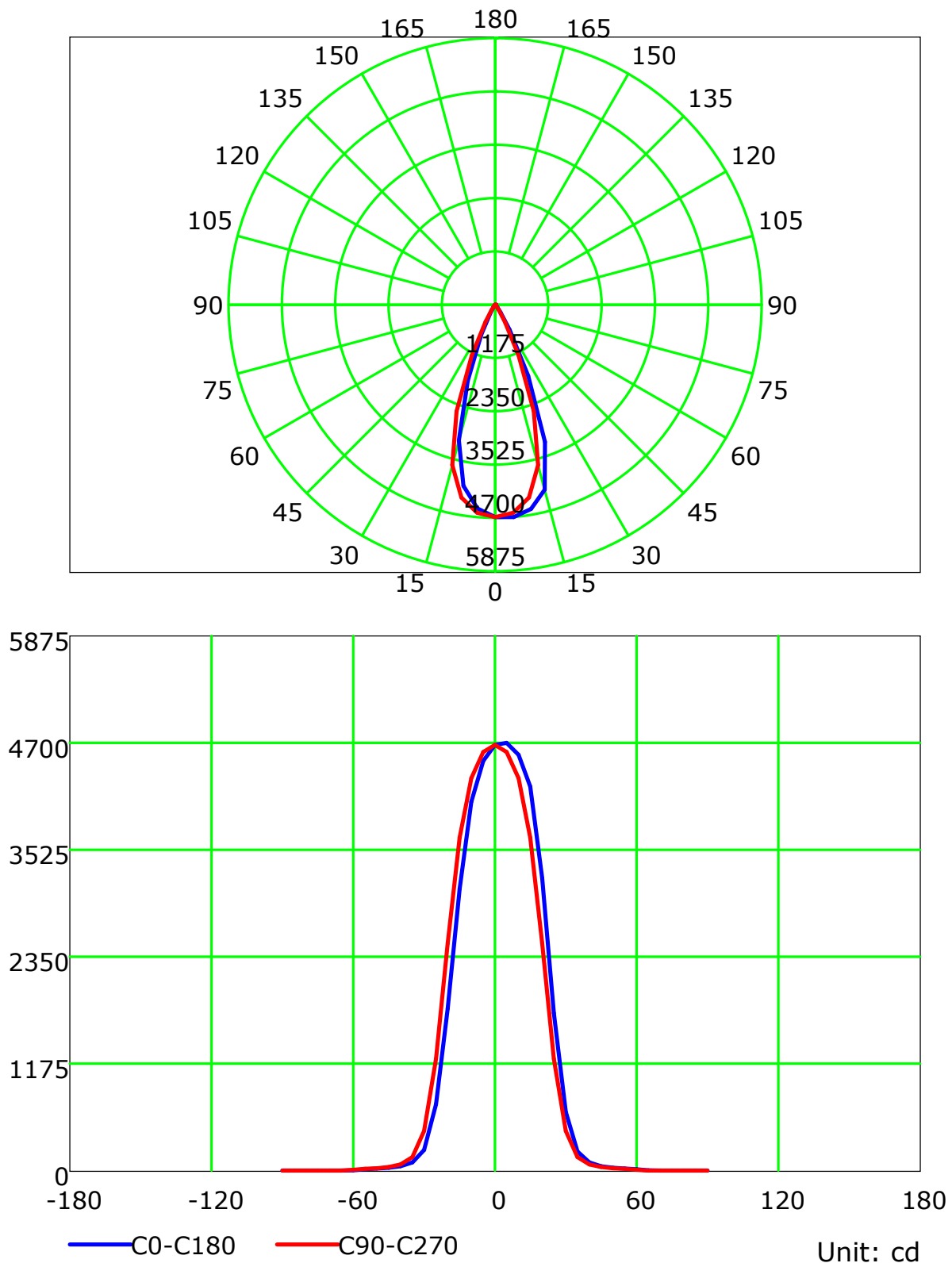
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

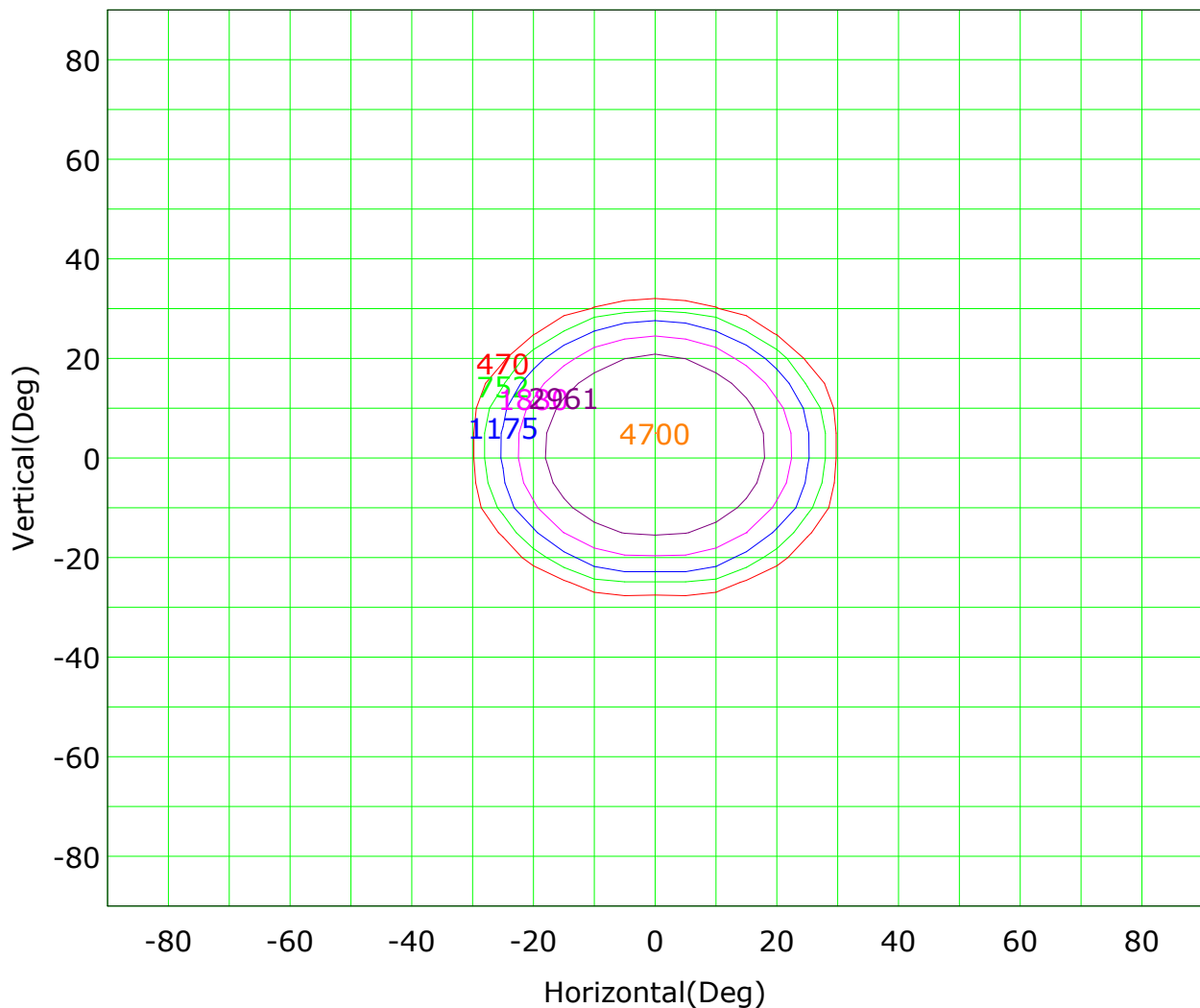
## Luminous Intensity Distribution Curve



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%): 4700 cd

( 10%): 470 cd	( 16%): 752 cd
( 25%): 1175 cd	( 40%): 1880 cd
( 63%): 2961 cd	(100%): 4700 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

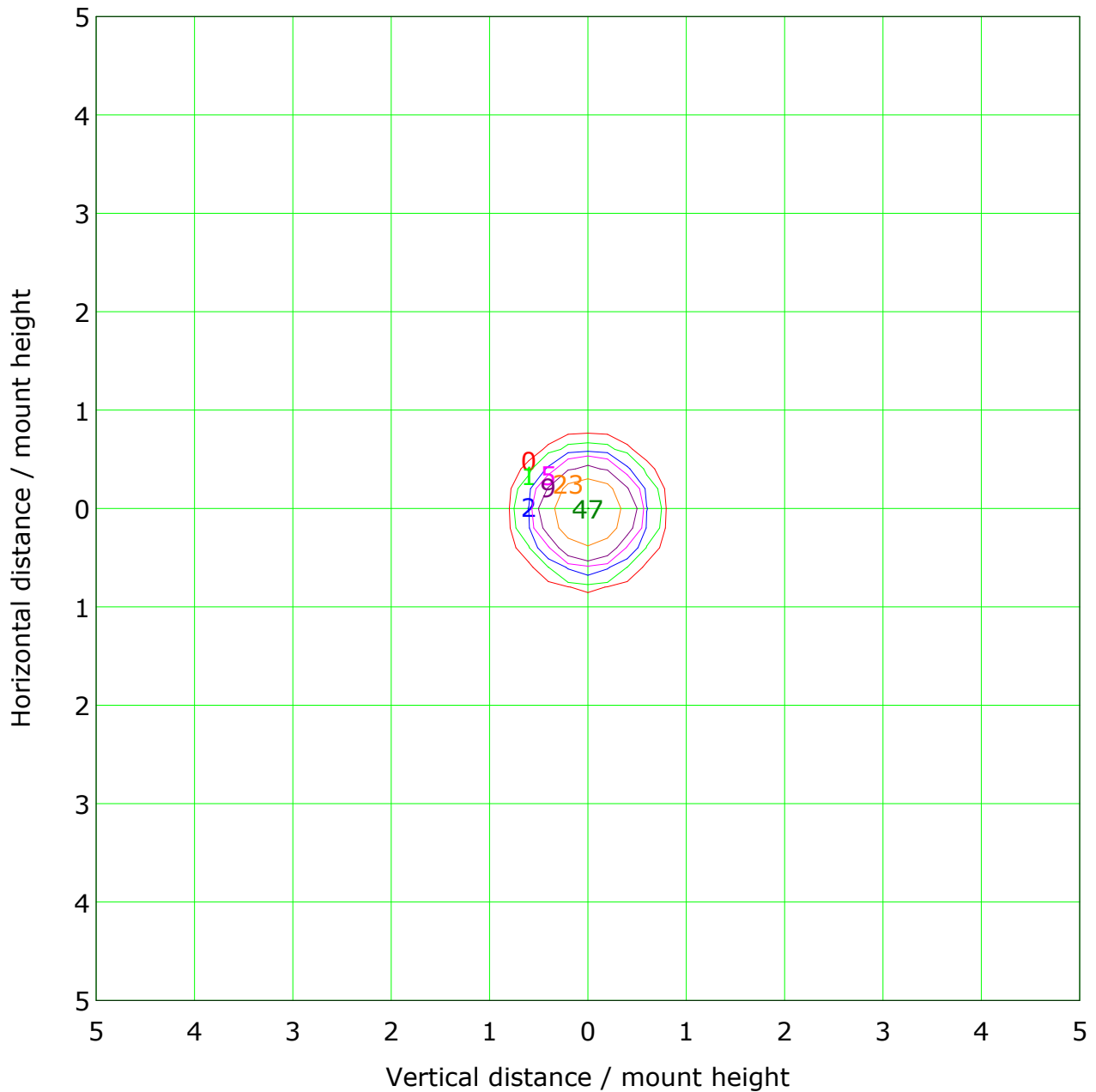
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 47 lx	
( 1%):	0 lx	( 2%):	1 lx
( 5%):	2 lx	( 10%):	5 lx
( 20%):	9 lx	( 50%):	23 lx
(100%):	47 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

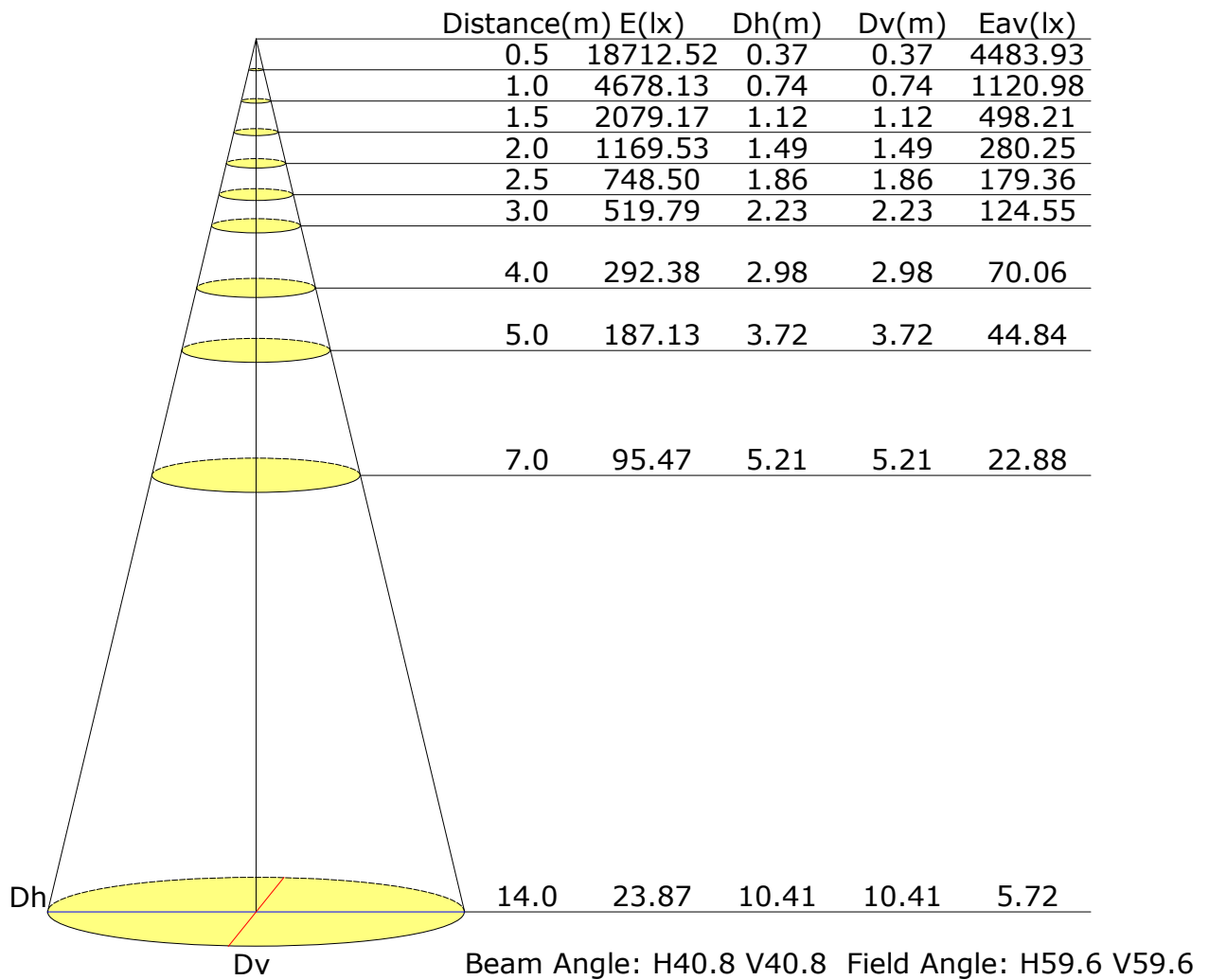
Test Device: CHL-6E

Distance: 3.000 m

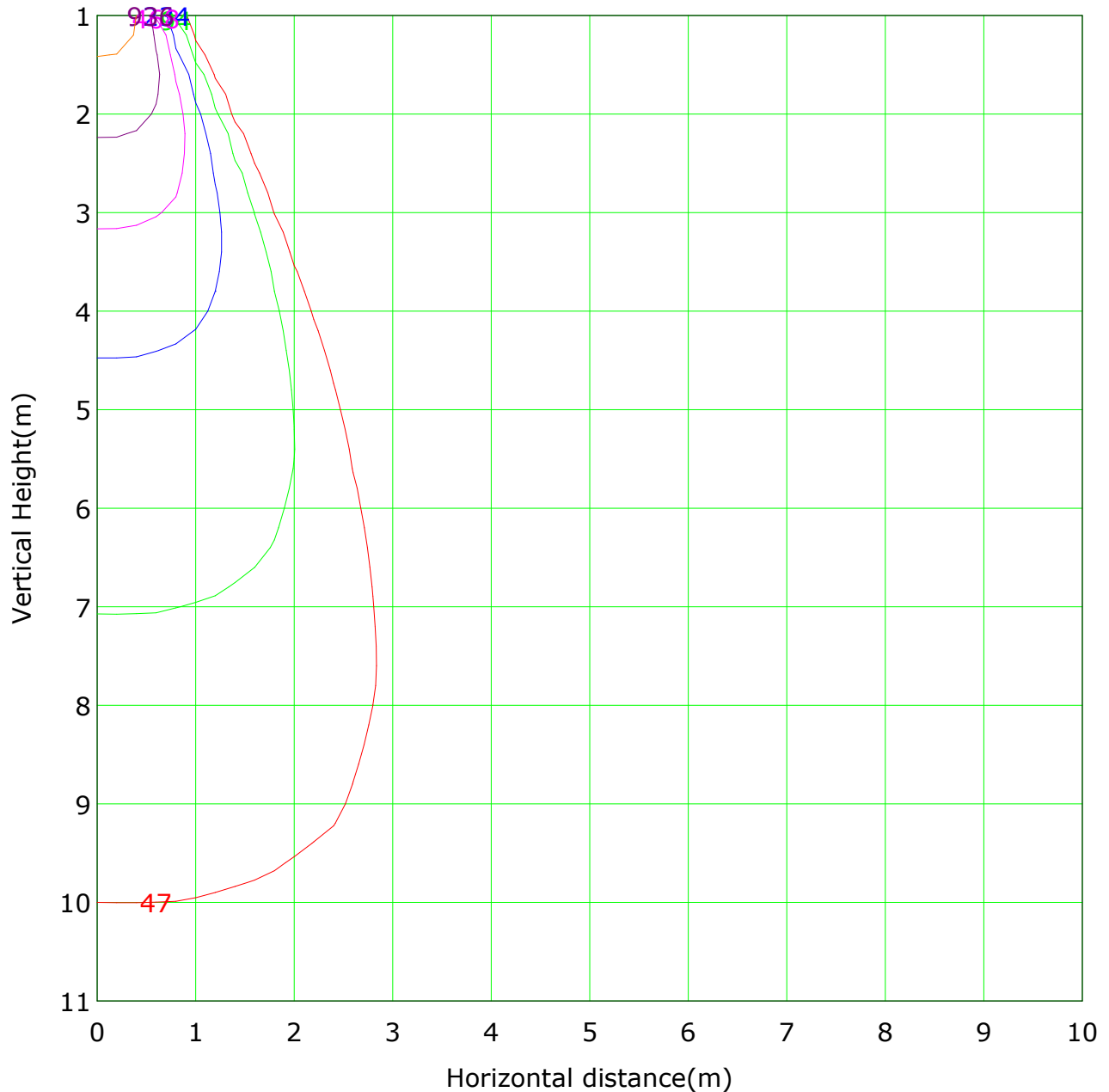
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



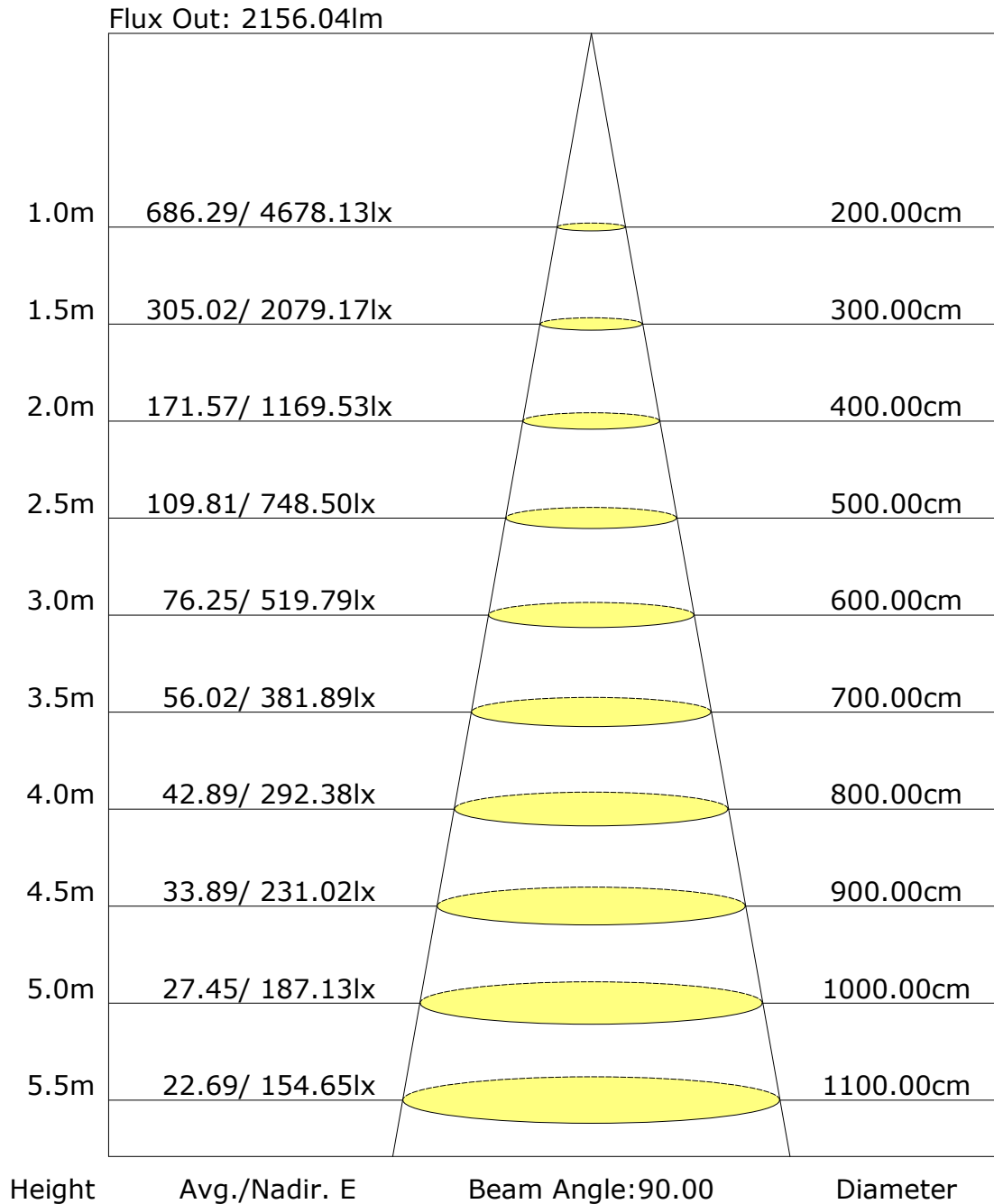
Lowest(m): 1m    Highest(m): 11    Max Lux: 4678

( 1%): 47 lx	( 2%): 94 lx
( 5%): 234 lx	( 10%): 468 lx
( 20%): 936 lx	( 50%): 2339 lx
(100%): 4678 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: