

Report No.: 93.06012 PURE Surfae Mounted Test Time: 2023-06-03 11:02

## Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Luminaire Description: 18D

Current: 0.054 A

Power Factor: 0.967

Voltage: 210.0 V

Power: 11.10 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 488 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H18.4

Vertical Diffuse Angle(50%): V18.4

Luminaire Efficacy Rating (LER): 44

Max. Intensity: 2957.45 cd

Total Rated Lamp Lumens: 488.0 lm

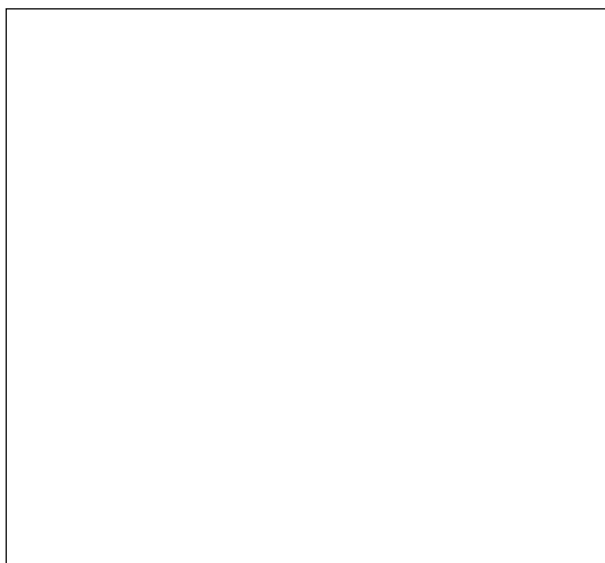
Efficiency: 100%

Upward Ratio: 0%

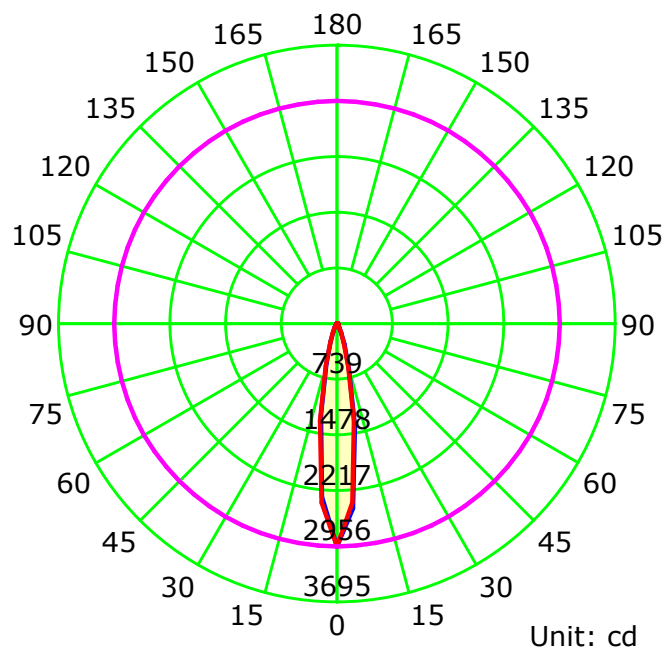
Central Intensity: 2957.45 cd

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

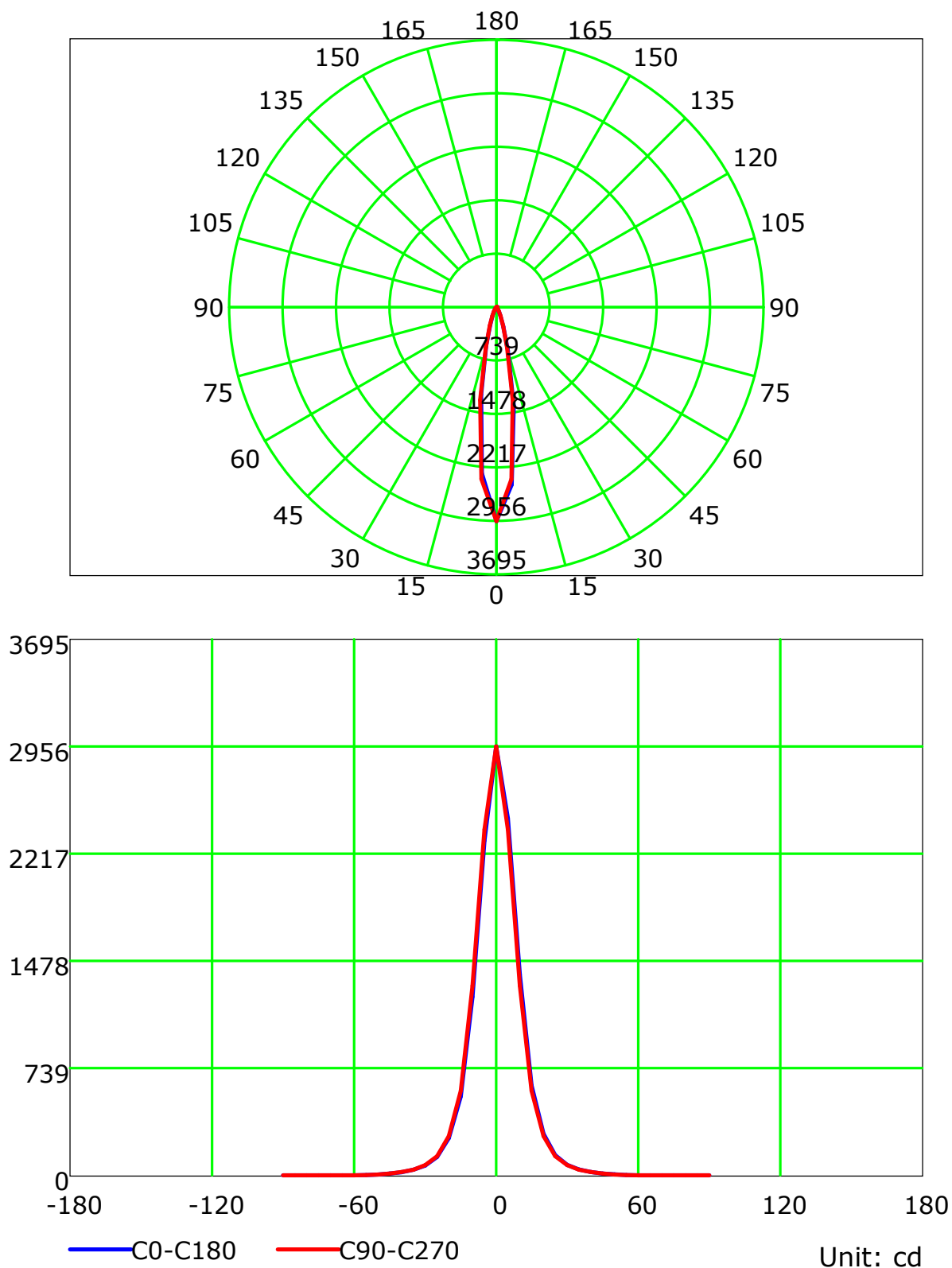
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

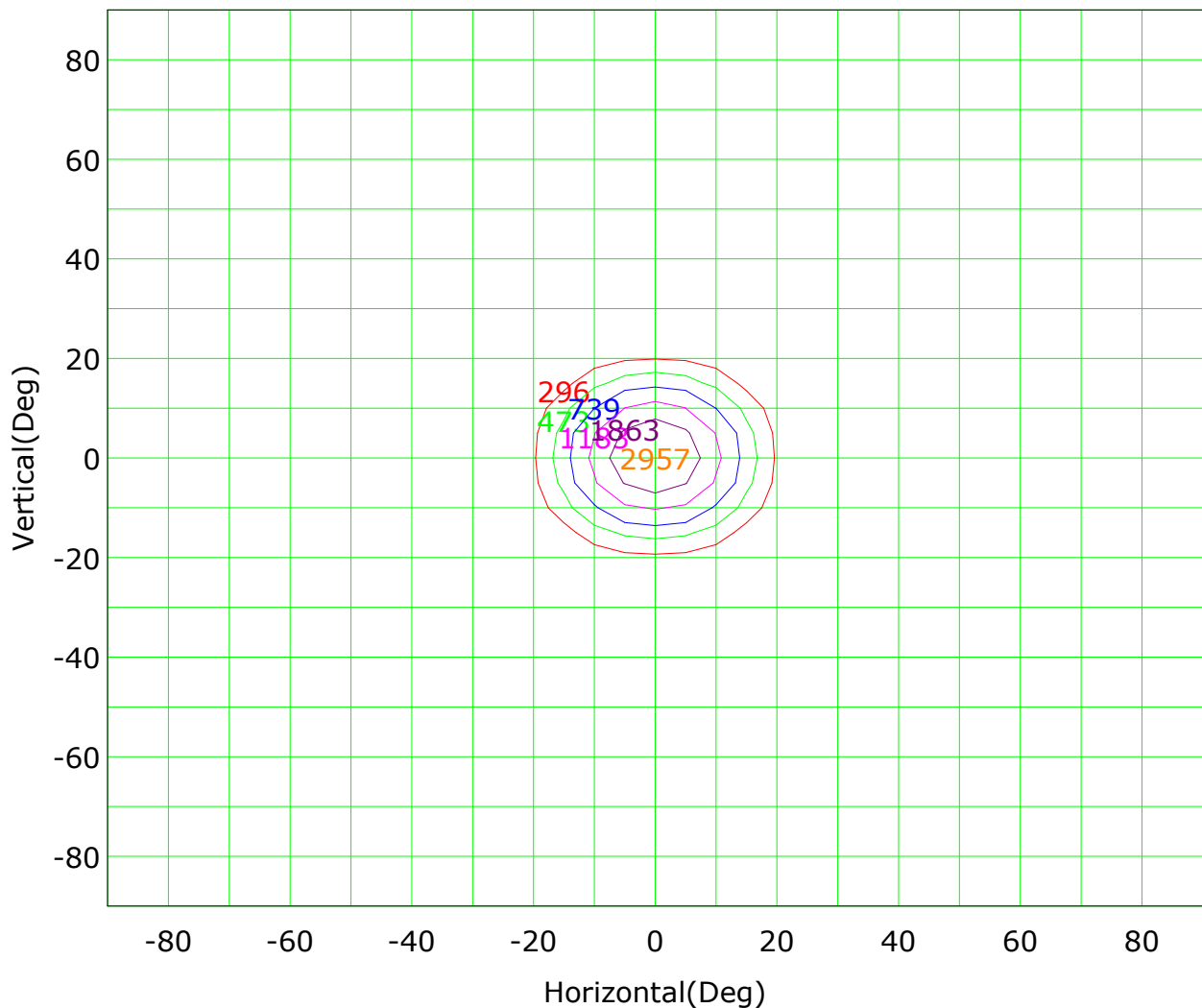
## Luminous Intensity Distribution Curve



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%): 2957 cd

( 10%): 296 cd	( 16%): 473 cd
( 25%): 739 cd	( 40%): 1183 cd
( 63%): 1863 cd	(100%): 2957 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

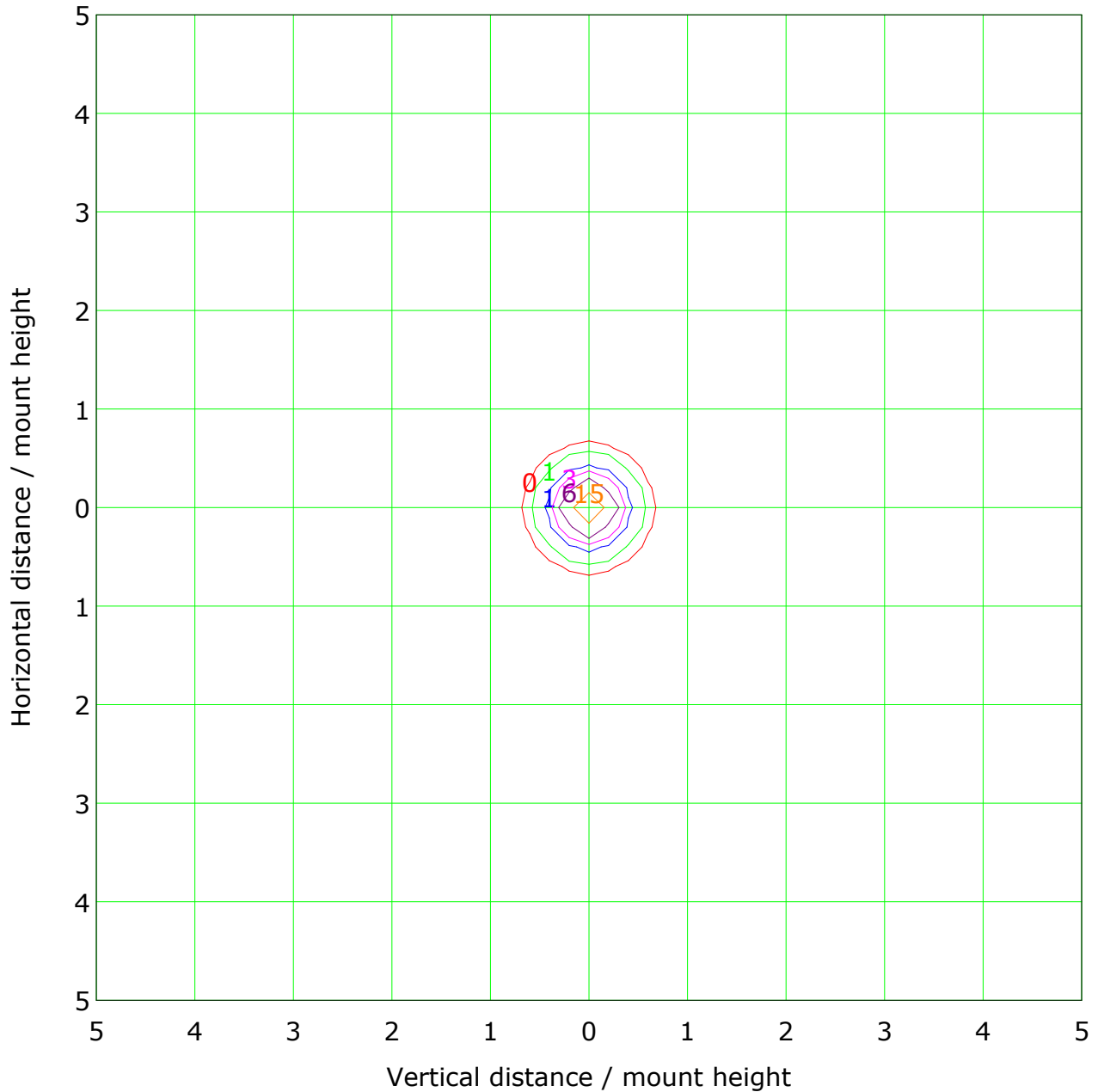
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

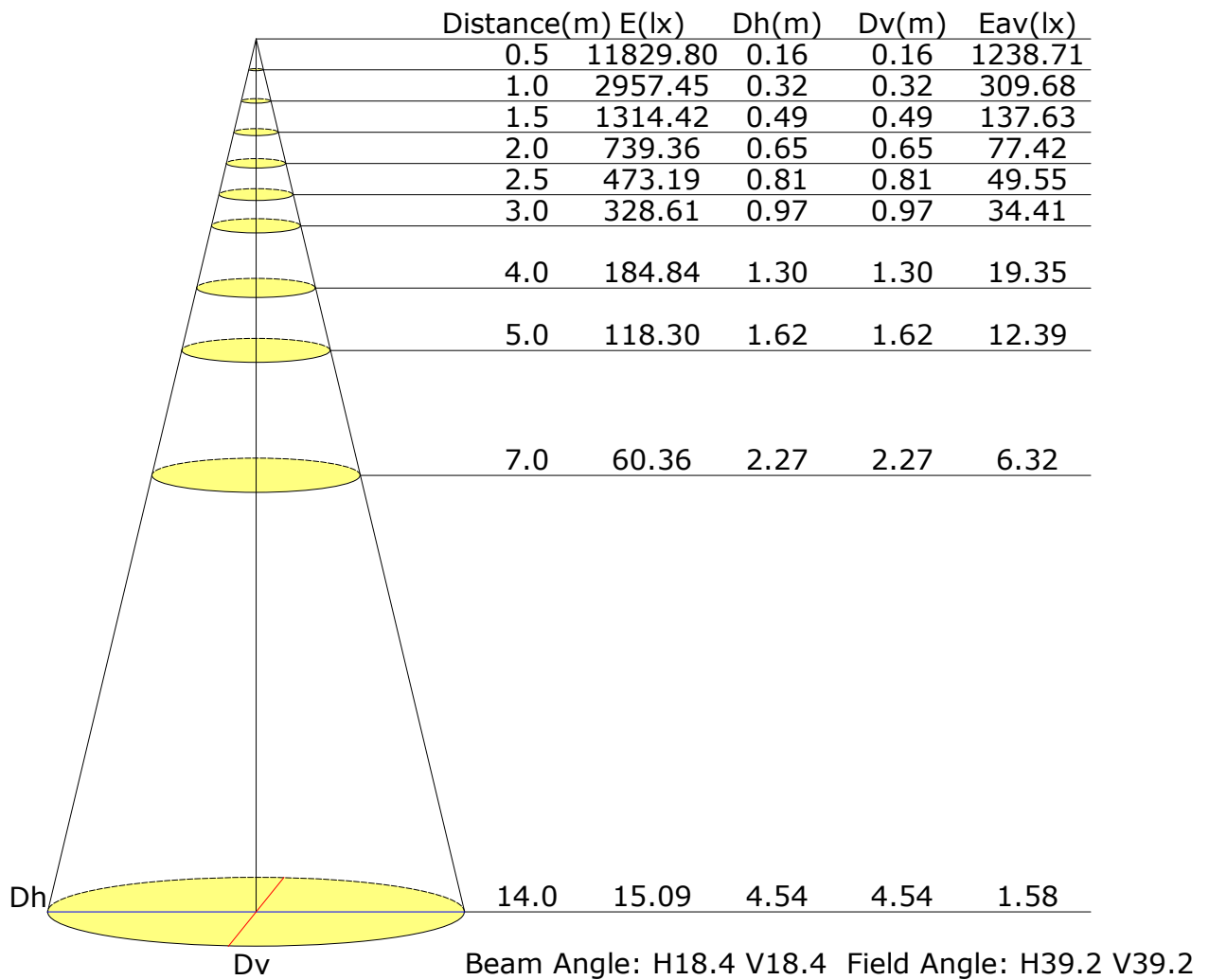


Mounting Height: 10m		Max Lux(100%): 30 lx	
( 1%):	0 lx	( 2%):	1 lx
( 5%):	1 lx	( 10%):	3 lx
( 20%):	6 lx	( 50%):	15 lx
(100%):	30 lx		

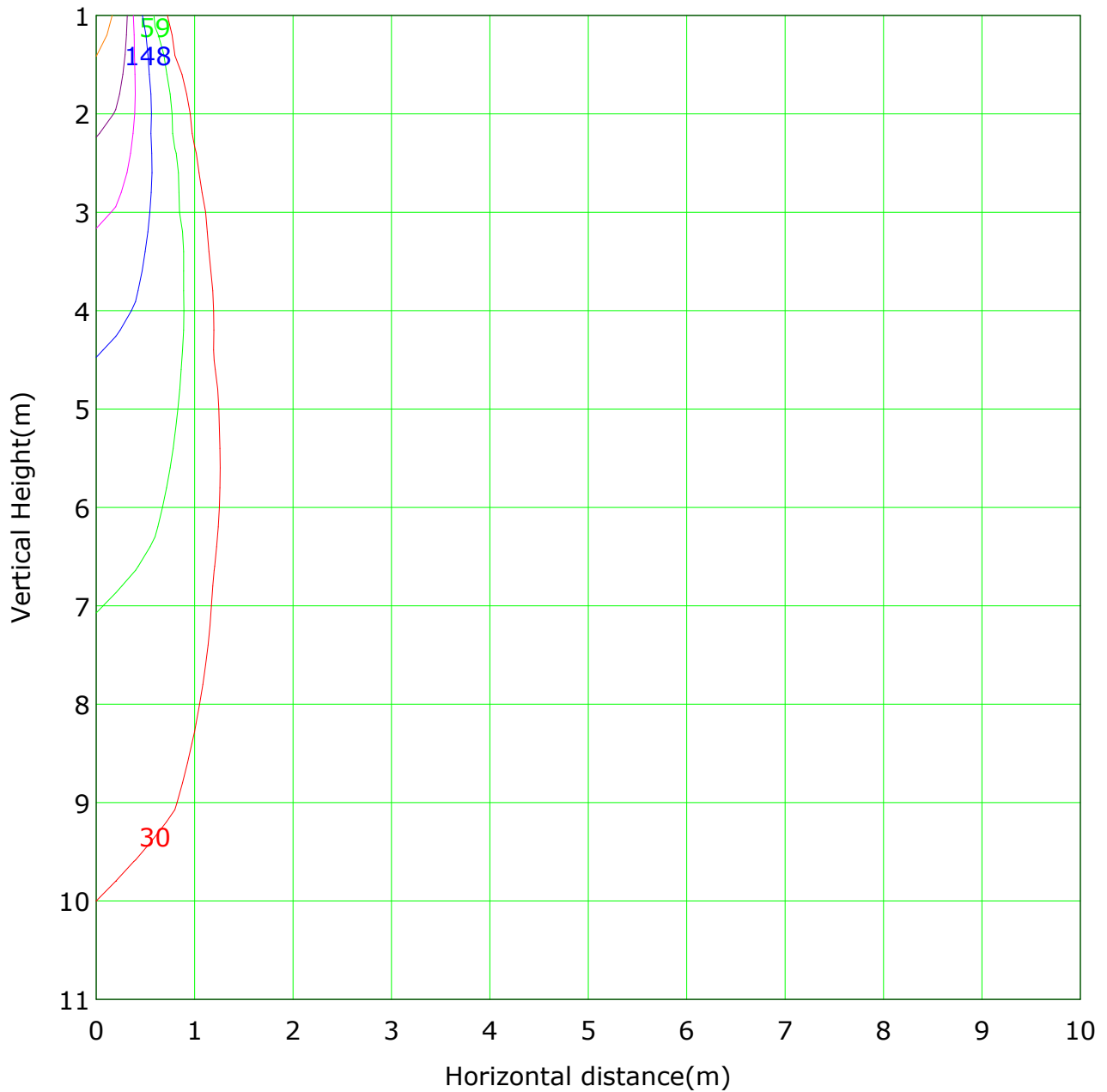
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



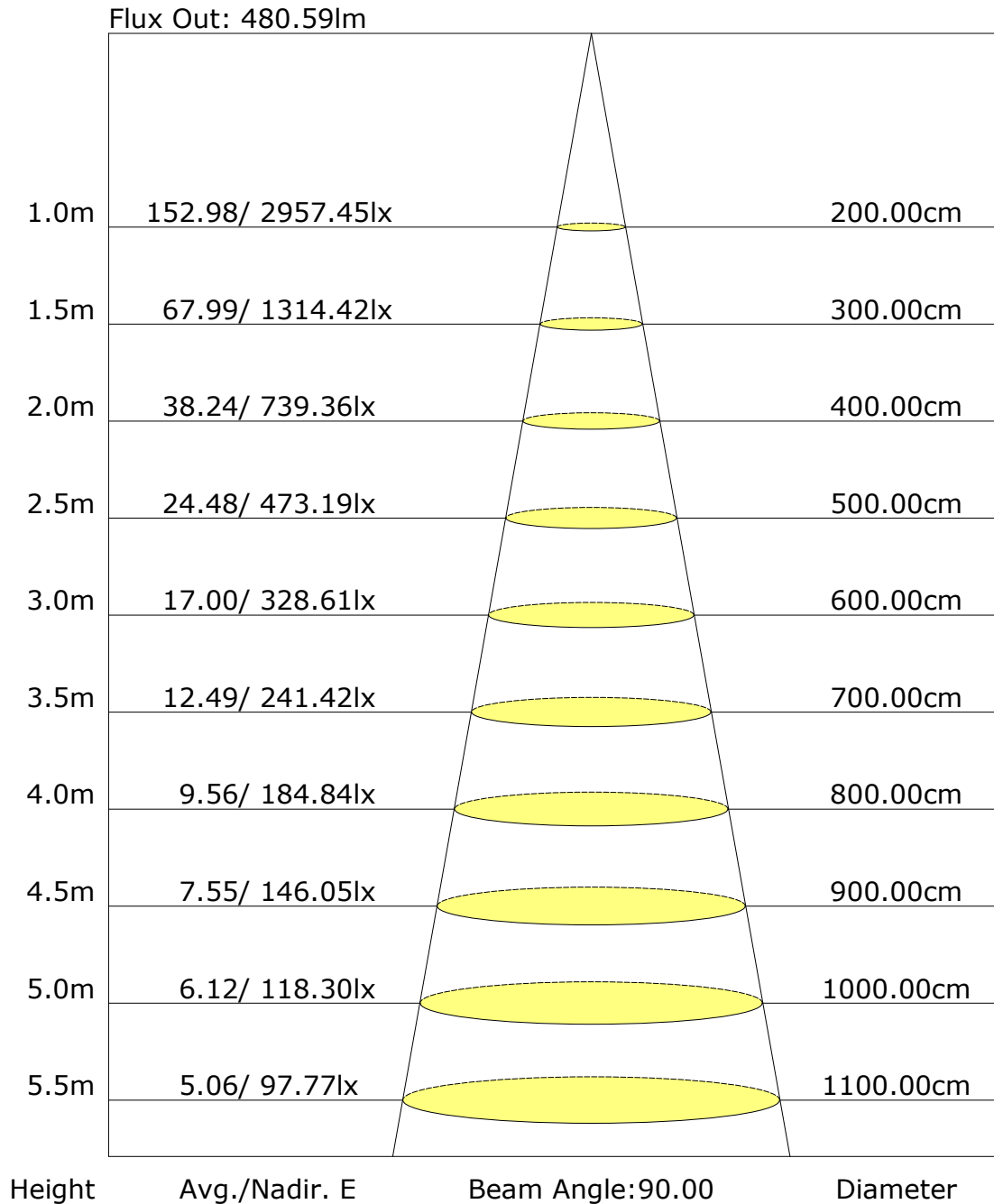
Lowest(m): 1m    Highest(m): 11    Max Lux: 2957

( 1%): 30 lx	( 2%): 59 lx
( 5%): 148 lx	( 10%): 296 lx
( 20%): 591 lx	( 50%): 1479 lx
(100%): 2957 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



## Zonal Lumen

[illegible]

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:



## Candlepower Table

Unit: cd

[illegible]

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: