

Report No.: 81.30011 DELTA Pendant Light Test Time: 2023-10-10 21:55

## Luminaire Property

Luminaire Category: Bridgelux V13C F90 3000K CRI90

Voltage: 232.7 V

Current: 0.107 A

Power: 23.80 W

Power Factor: 0.959

## Photometric Results

CIE Class: Direct

Measurement Flux: 2871.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H65.2

Vertical Diffuse Angle(50%): V65.2

Luminaire Efficacy Rating (LER): 121

Max. Intensity: 2478.37 cd

Total Rated Lamp Lumens: 2871.8 lm

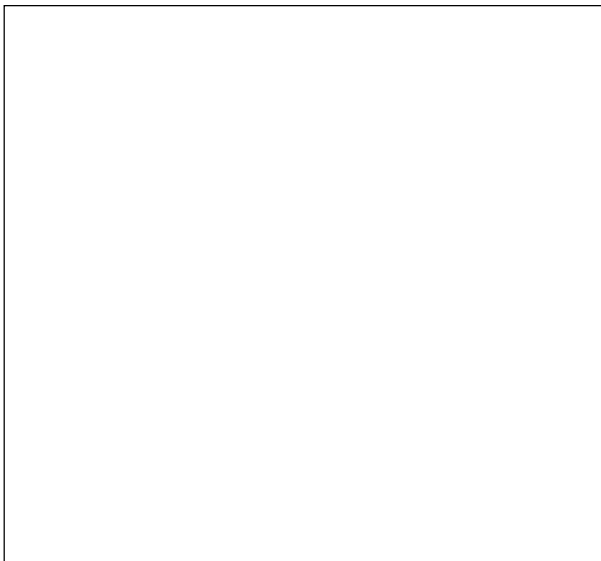
Efficiency: 100%

Upward Ratio: 0%

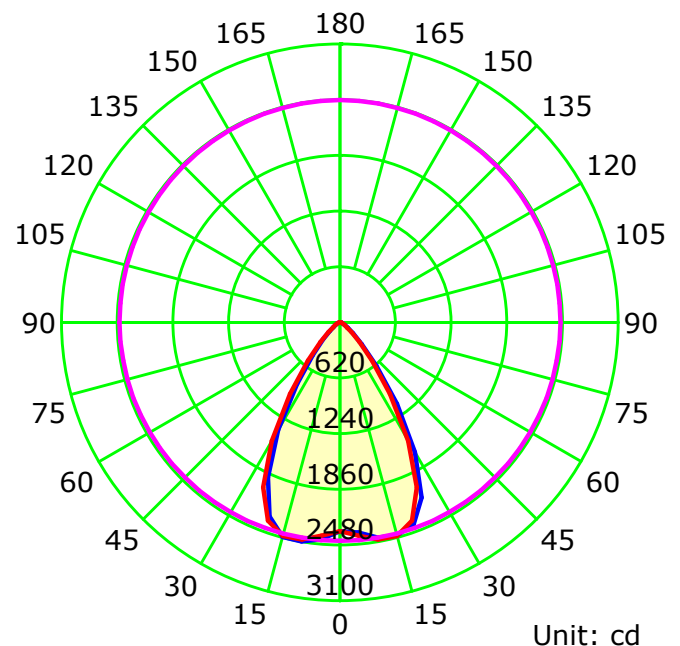
Central Intensity: 2323.31 cd

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

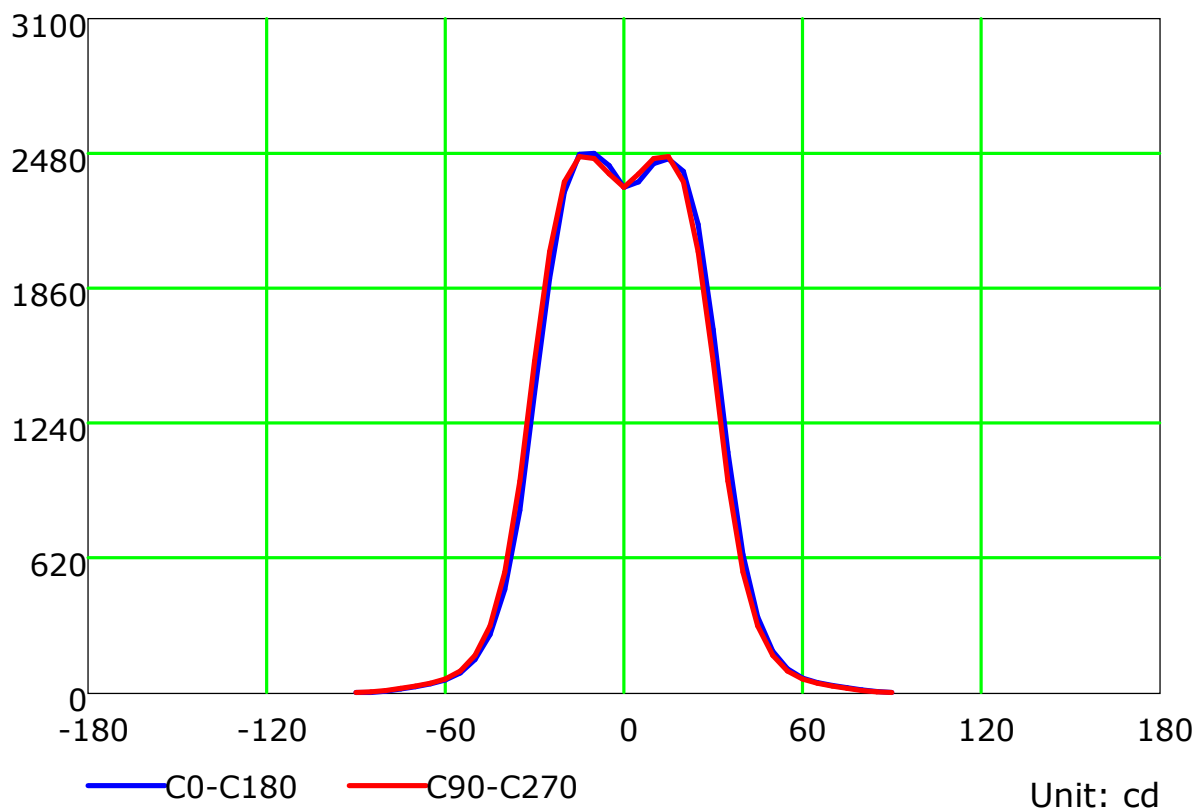
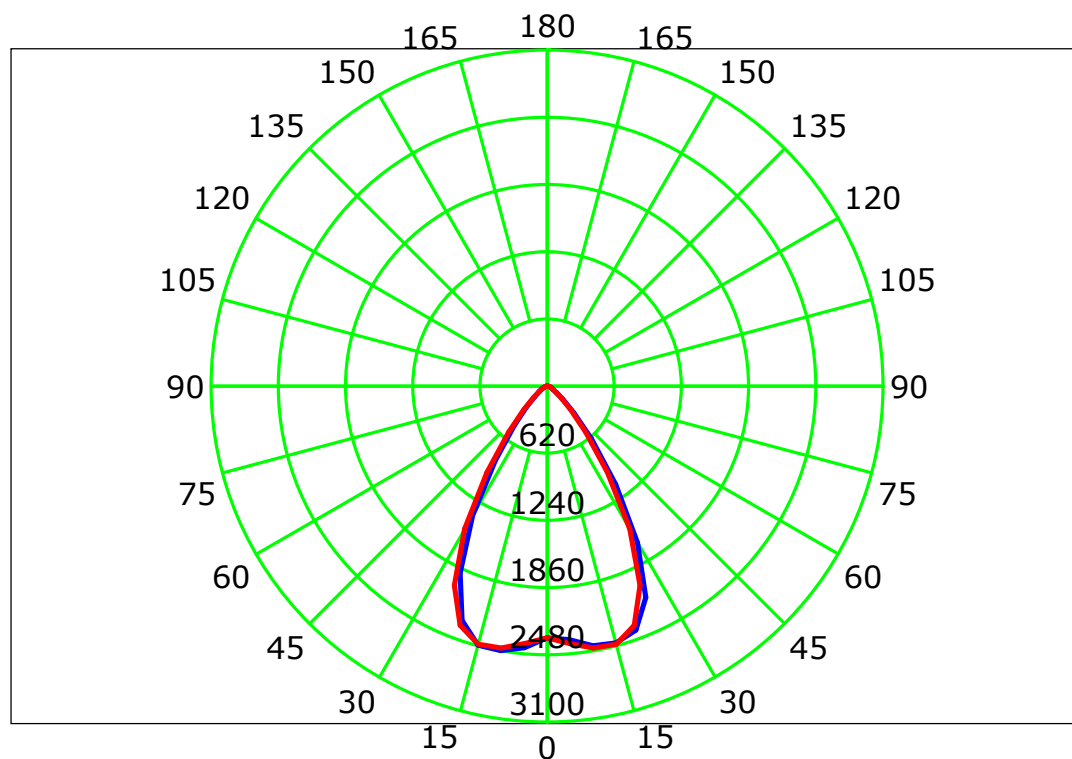
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

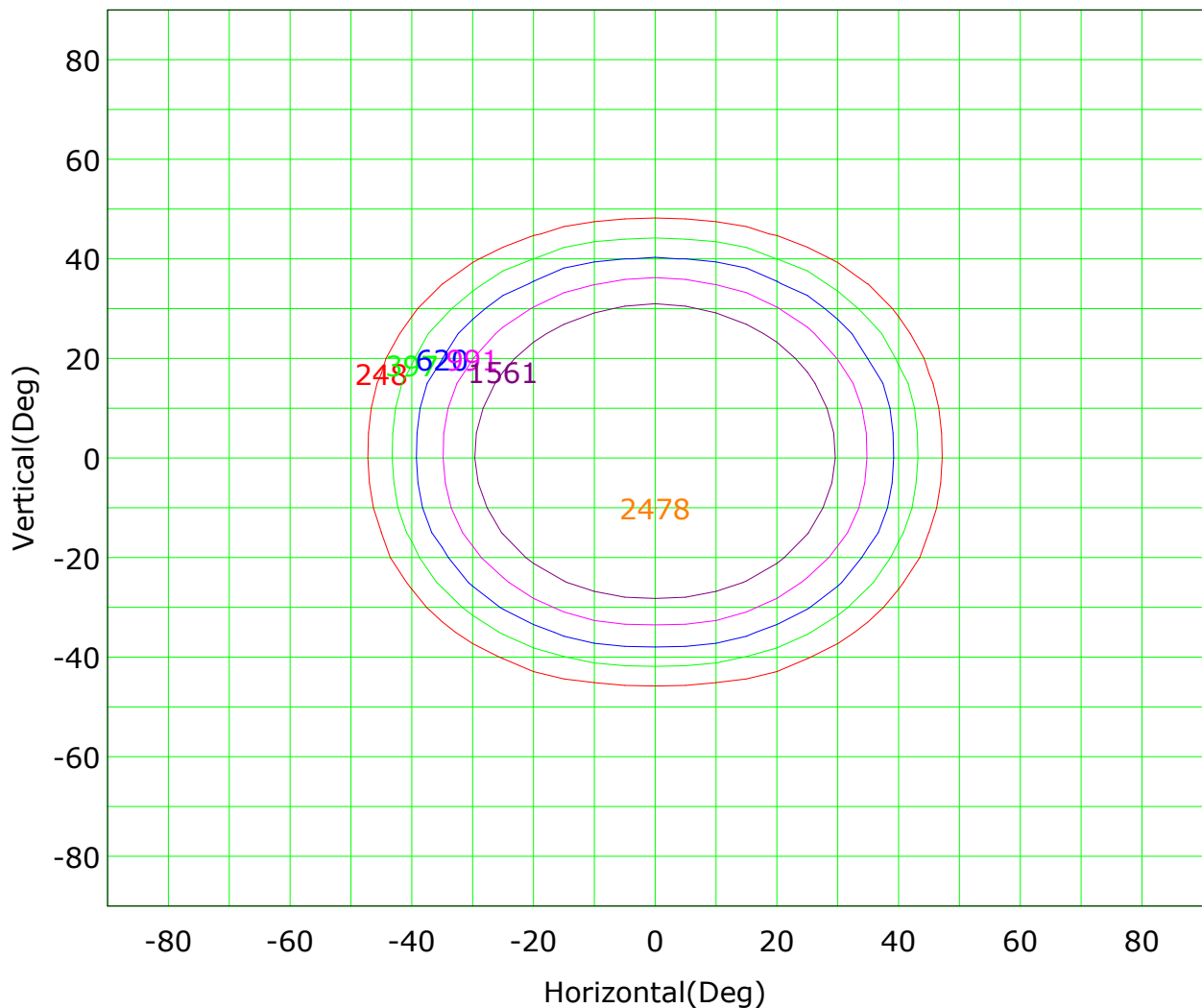
## Luminous Intensity Distribution Curve



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%): 2478 cd

( 10%): 248 cd	( 16%): 397 cd
( 25%): 620 cd	( 40%): 991 cd
( 63%): 1561 cd	(100%): 2478 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

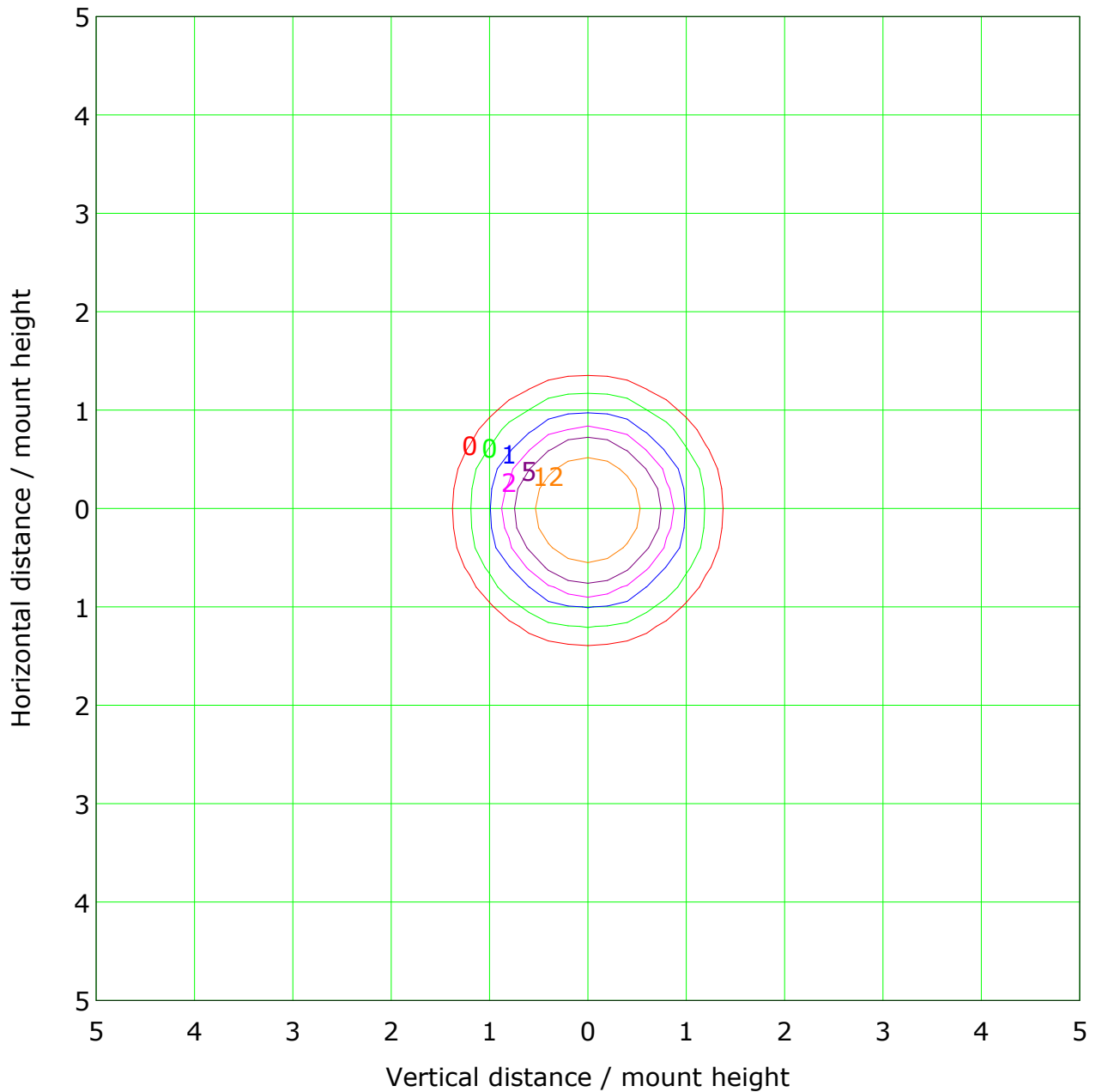
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

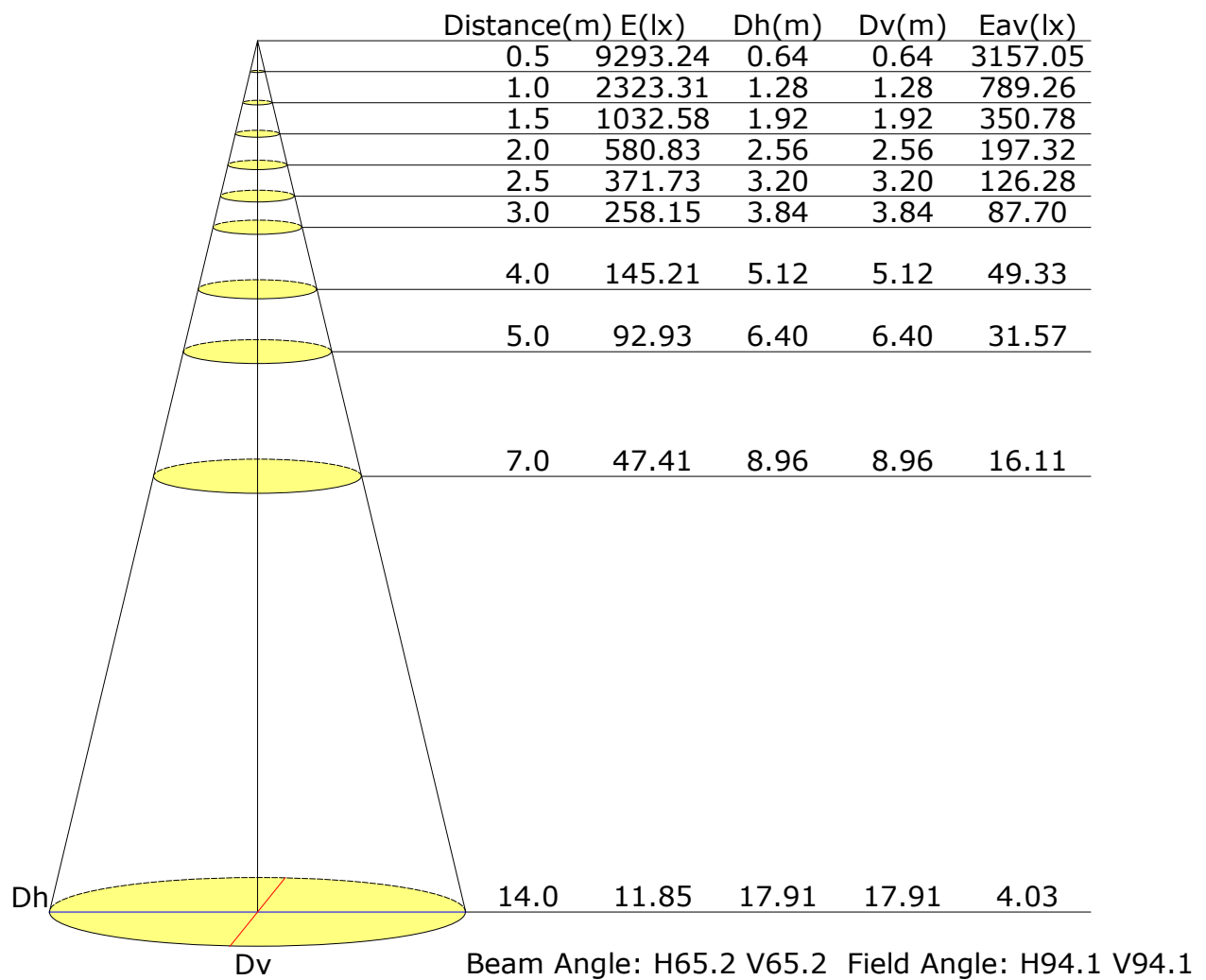


Mounting Height: 10m		Max Lux(100%): 24 lx	
( 1%):	0 lx	( 2%):	0 lx
( 5%):	1 lx	( 10%):	2 lx
( 20%):	5 lx	( 50%):	12 lx
(100%):	24 lx		

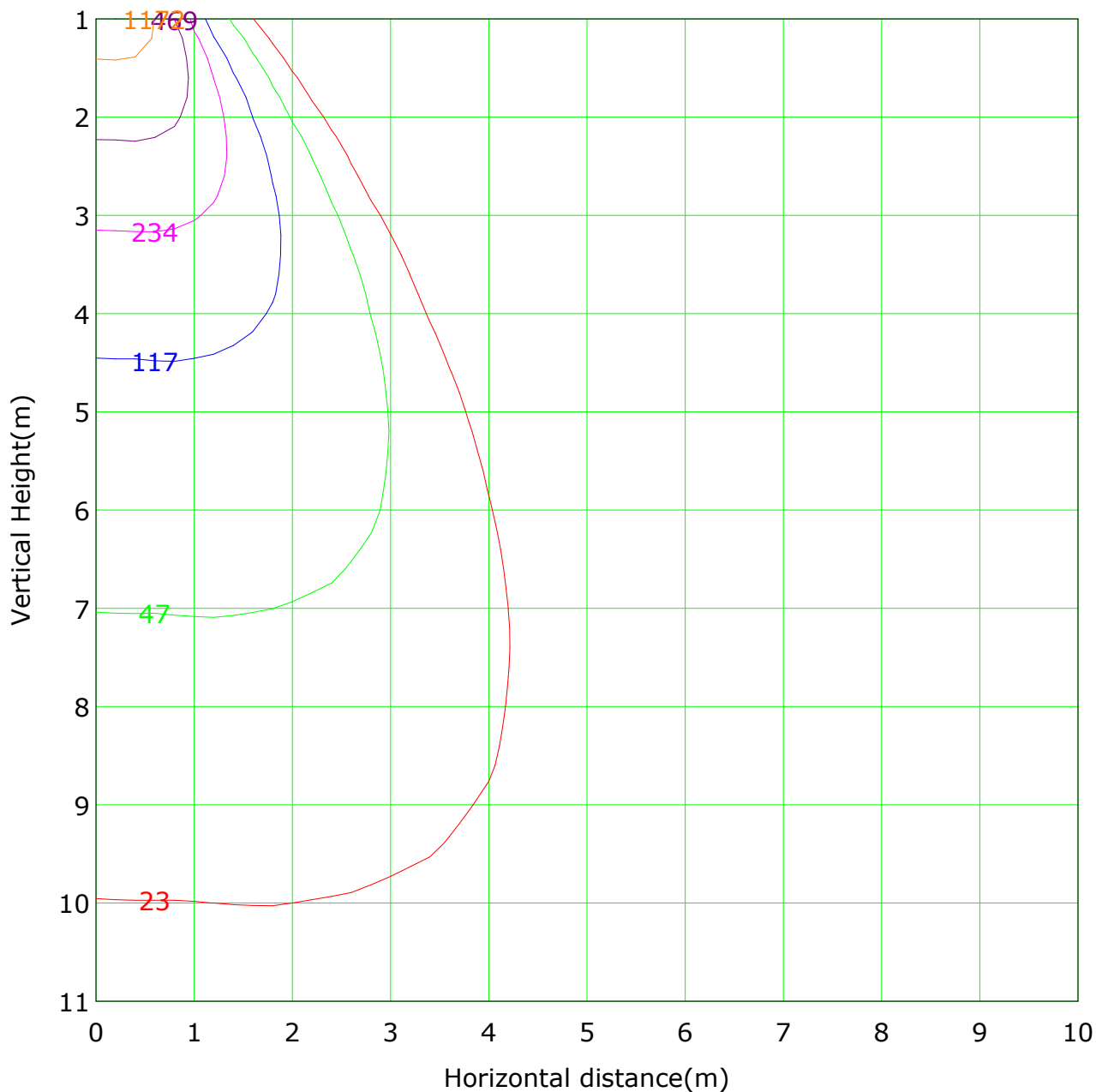
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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

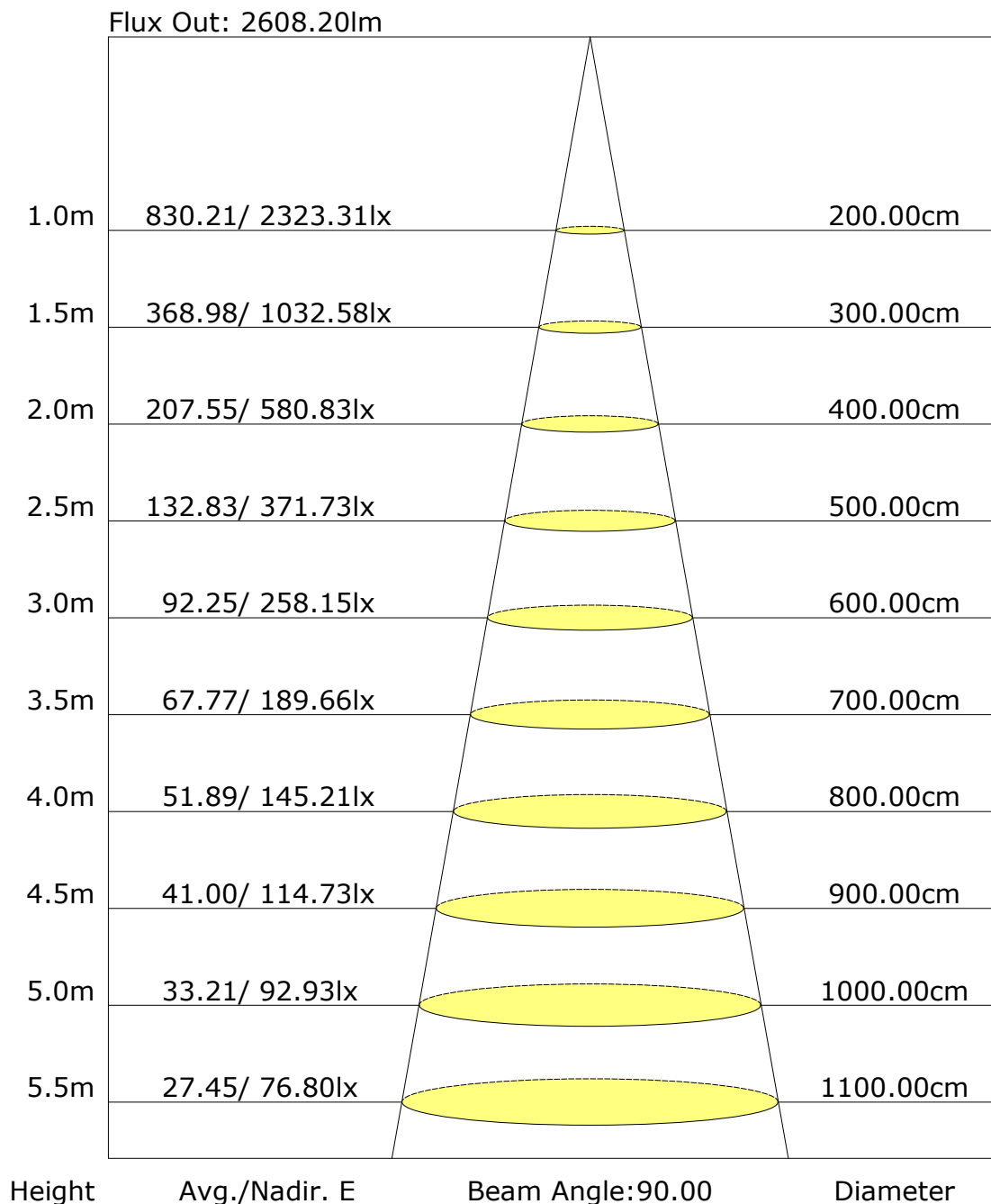


Lowest(m): 1m    Highest(m): 11    Max Lux: 2344	
( 1%): 23 lx	( 2%): 47 lx
( 5%): 117 lx	( 10%): 234 lx
( 20%): 469 lx	( 50%): 1172 lx
(100%): 2344 lx	

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: