

Report No.: 57.09517

Test Time: 2023-09-07 11:07

## Luminaire Property

Luminaire Category: Bridgelux V6 3000K CRI90

Voltage: 217.9 V

Current: 0.114 A

Power: 14.30 W

Power Factor: 0.568

## Photometric Results

CIE Class: Direct

Measurement Flux: 1049.2 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H24.2

Vertical Diffuse Angle(50%): V24.2

Luminaire Efficacy Rating (LER): 73

Max. Intensity: 5232.25 cd

Total Rated Lamp Lumens: 1049.2 lm

Efficiency: 100%

Upward Ratio: 0%

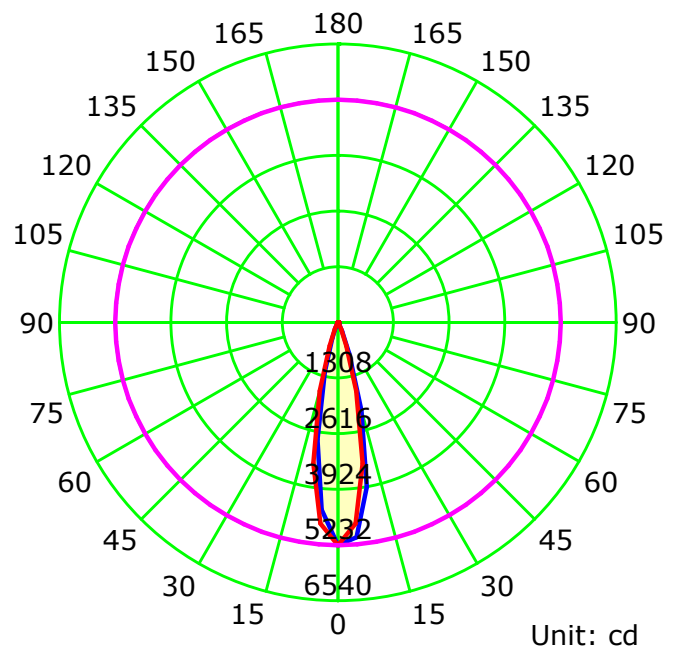
Central Intensity: 5232.25 cd

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

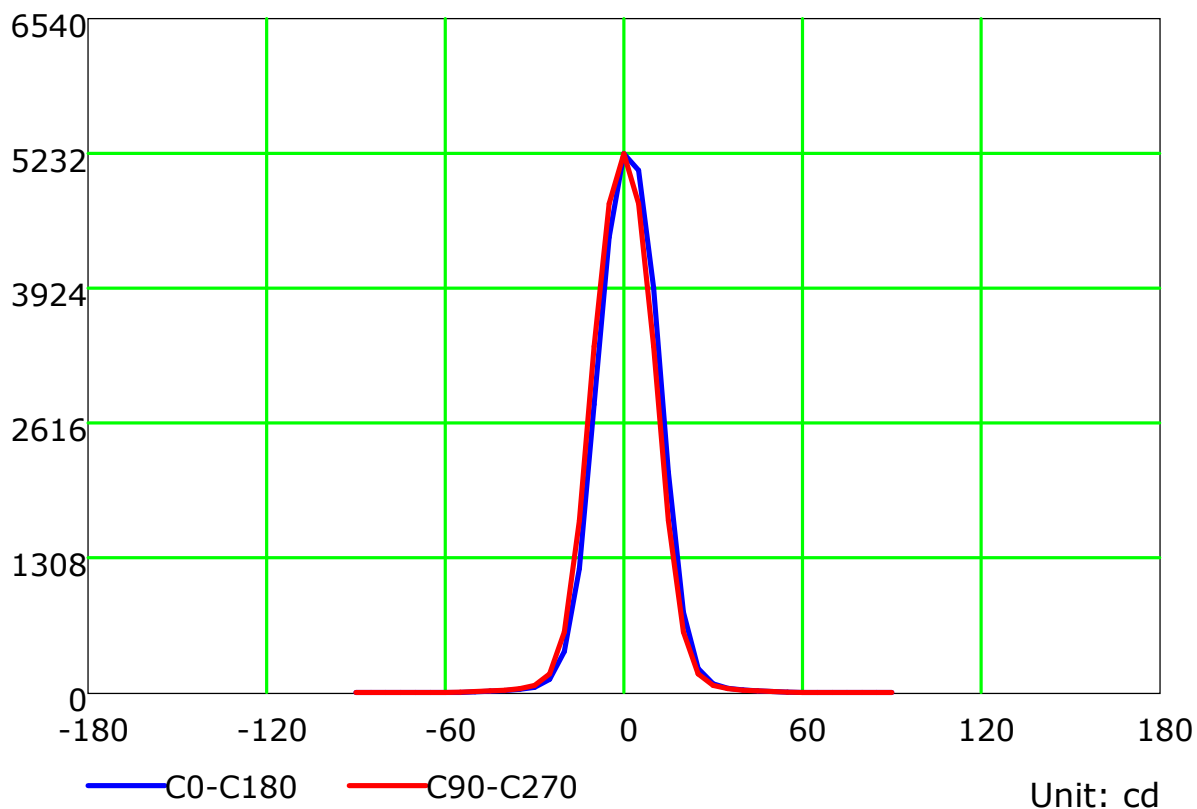
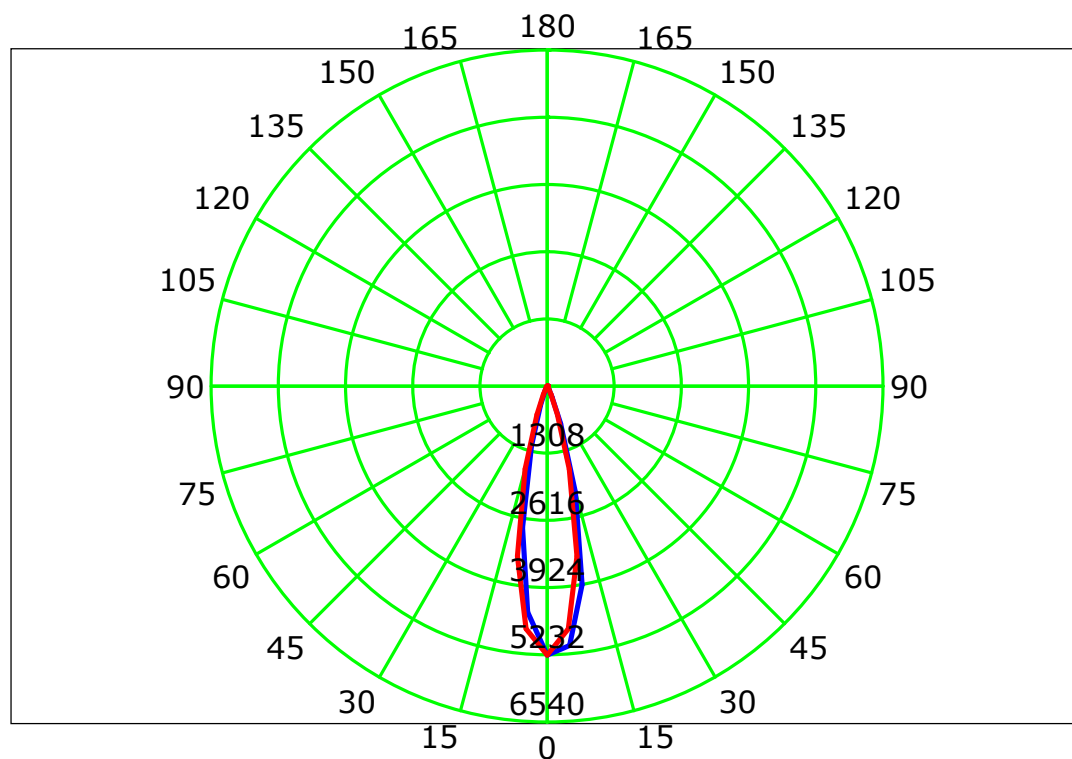
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

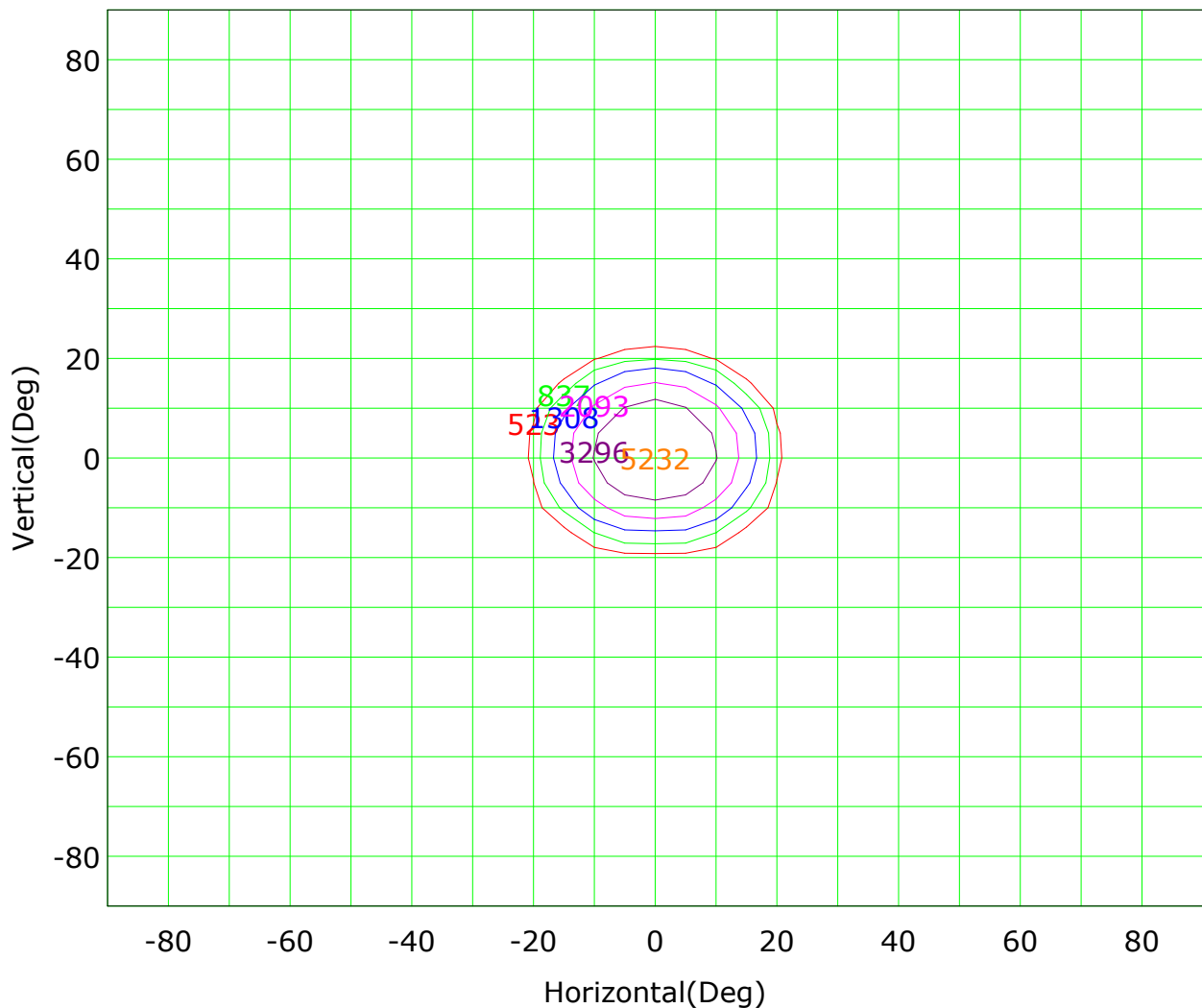
## Luminous Intensity Distribution Curve



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%): 5232 cd

( 10%): 523 cd	( 16%): 837 cd
( 25%): 1308 cd	( 40%): 2093 cd
( 63%): 3296 cd	(100%): 5232 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

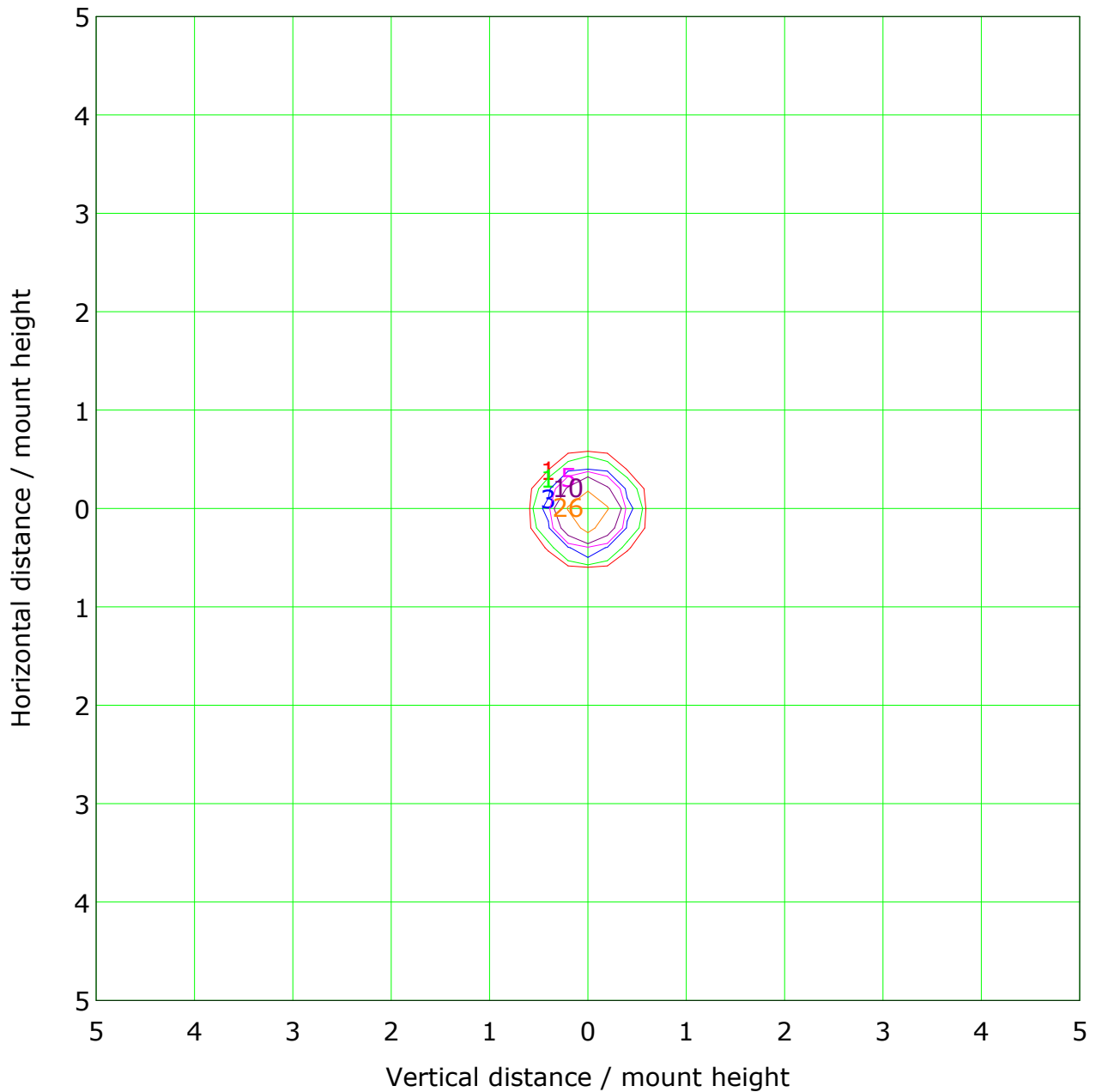
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

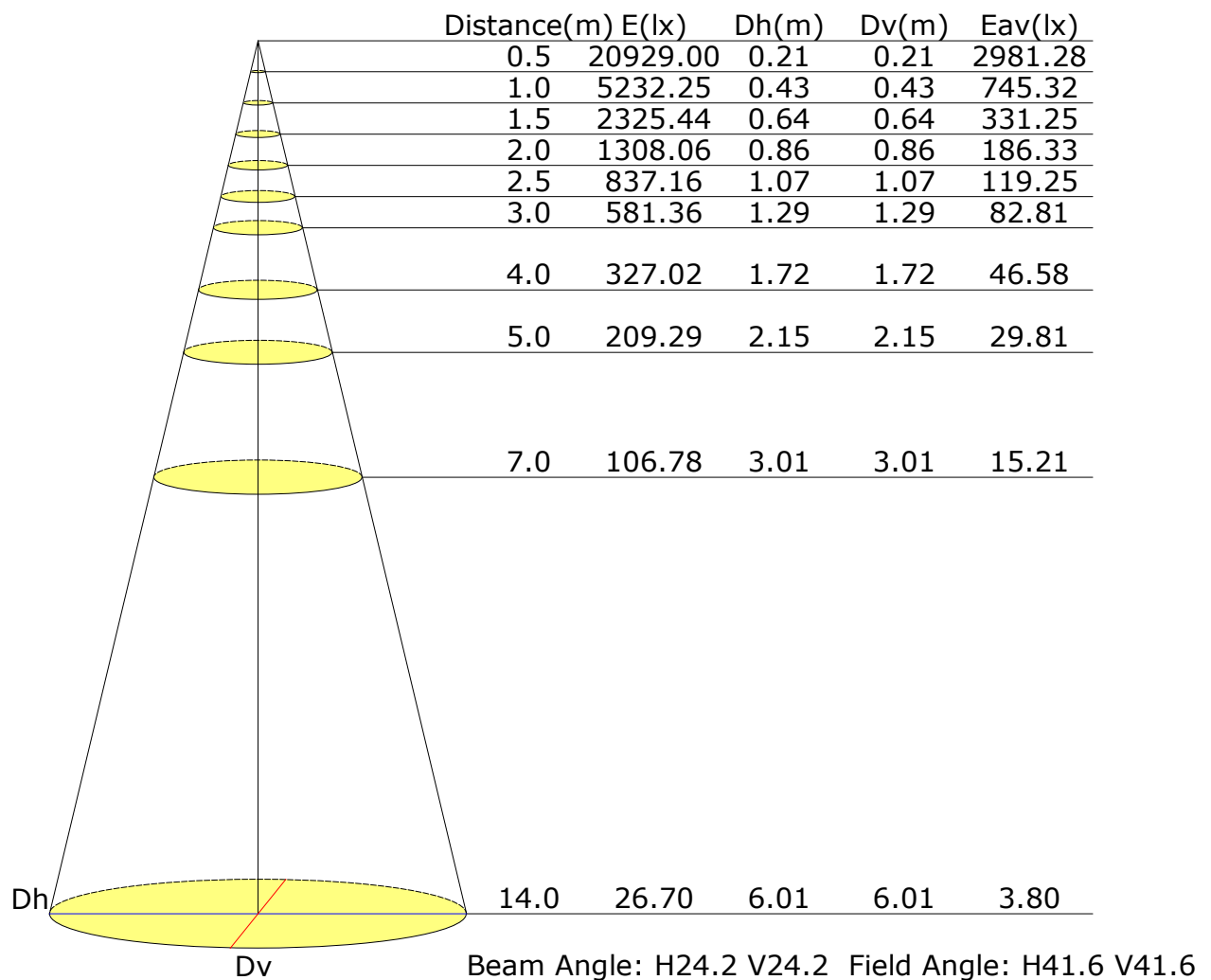


Mounting Height: 10m		Max Lux(100%): 52 lx	
( 1%):	1 lx	( 2%):	1 lx
( 5%):	3 lx	( 10%):	5 lx
( 20%):	10 lx	( 50%):	26 lx
(100%):	52 lx		

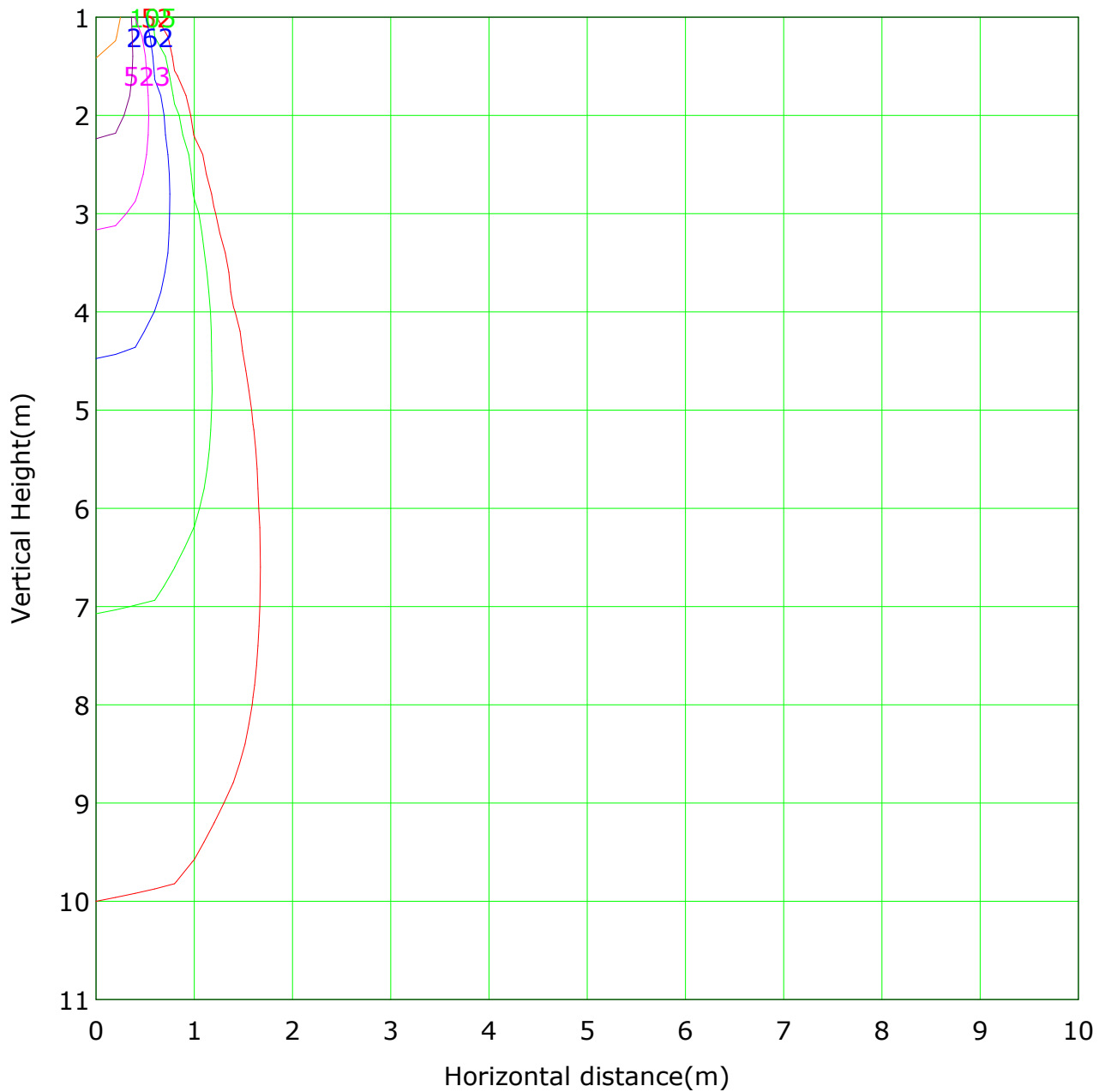
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



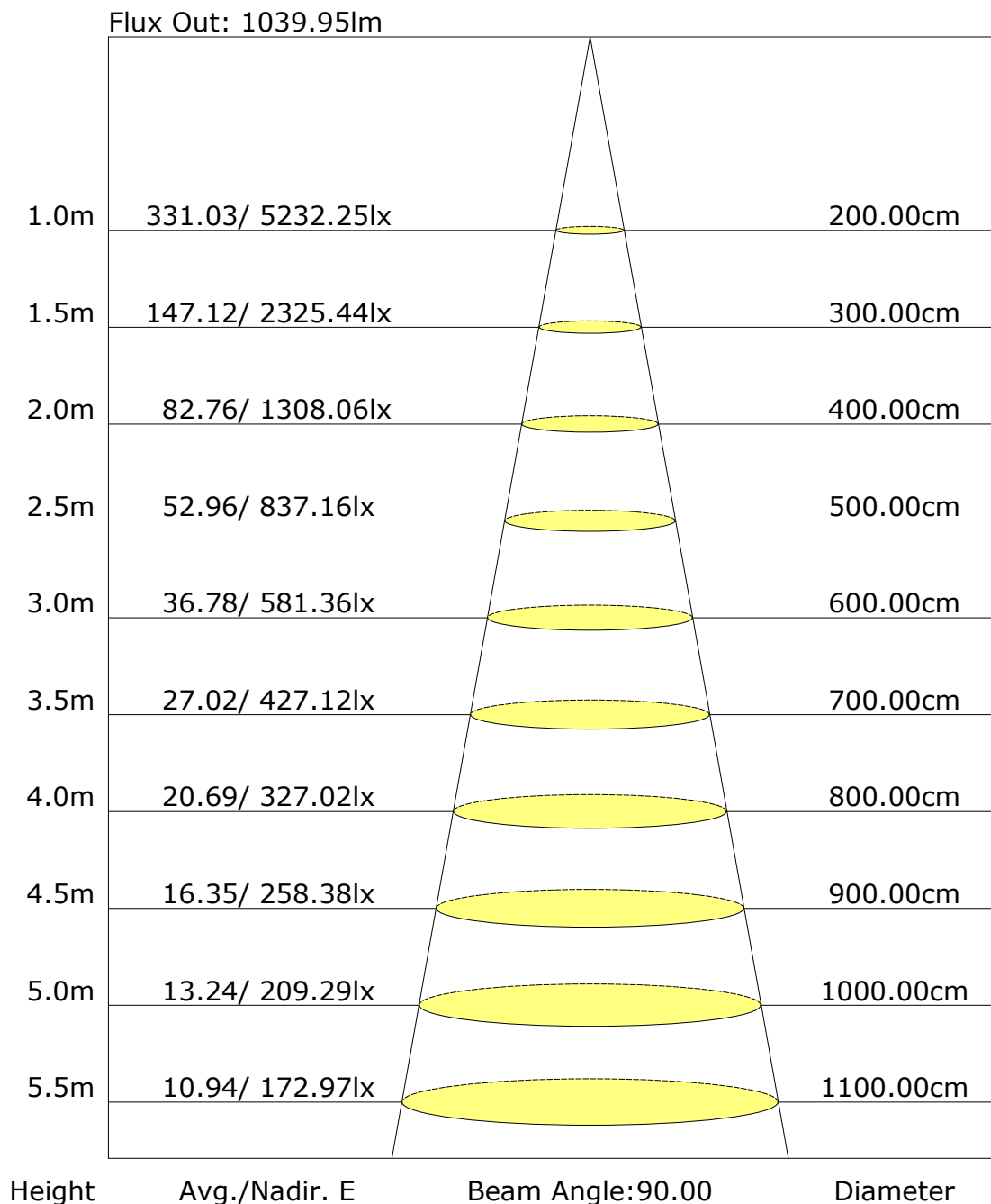
Lowest(m): 1m    Highest(m): 11    Max Lux: 5232

( 1%): 52 lx	( 2%): 105 lx
( 5%): 262 lx	( 10%): 523 lx
( 20%): 1046 lx	( 50%): 2616 lx
(100%): 5232 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: