

Report No.: 91.11311 LENS Pendant Light Test Time: 2023-06-15 15:32

## Luminaire Property

Luminaire Category: Bridgelux V10B 3000K,CRI90  
Luminaire Description: 40D  
Current: 0.098 A  
Power Factor: 0.951  
Voltage: 210.7 V  
Power: 19.70 W

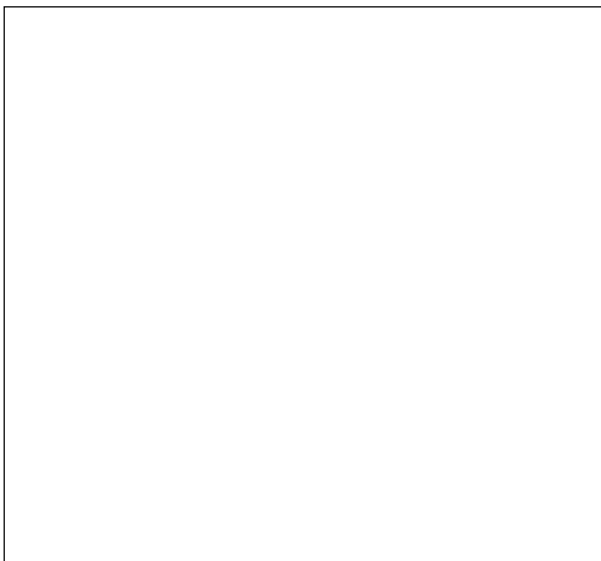
## Photometric Results

CIE Class: Direct  
Measurement Flux: 1425.9 lm  
Downward Ratio: 100%  
Horizontal Diffuse Angle(50%): H38.9  
Vertical Diffuse Angle(50%): V38.9  
Luminaire Efficacy Rating (LER): 72  
Max. Intensity: 3059.24 cd

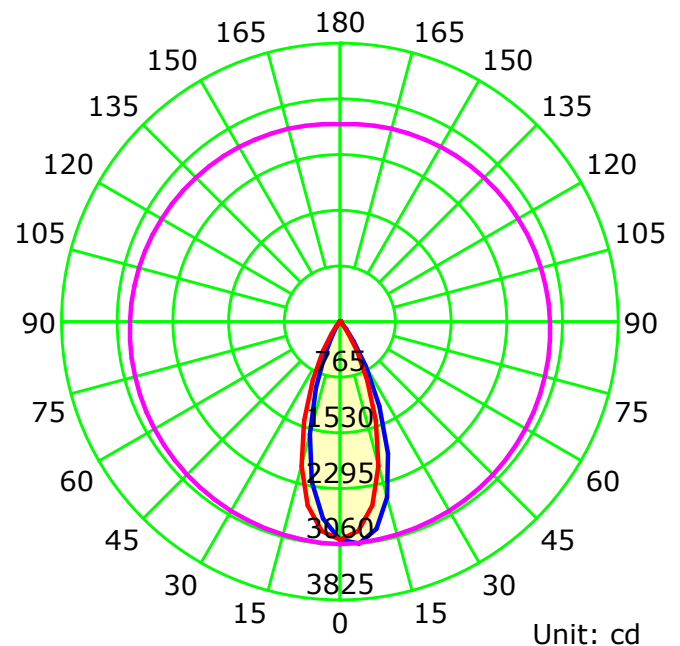
Total Rated Lamp Lumens: 1425.9 lm  
Efficiency: 100%  
Upward Ratio: 0%

Central Intensity: 2995.18 cd  
Pos of Max. Intensity: H0 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve

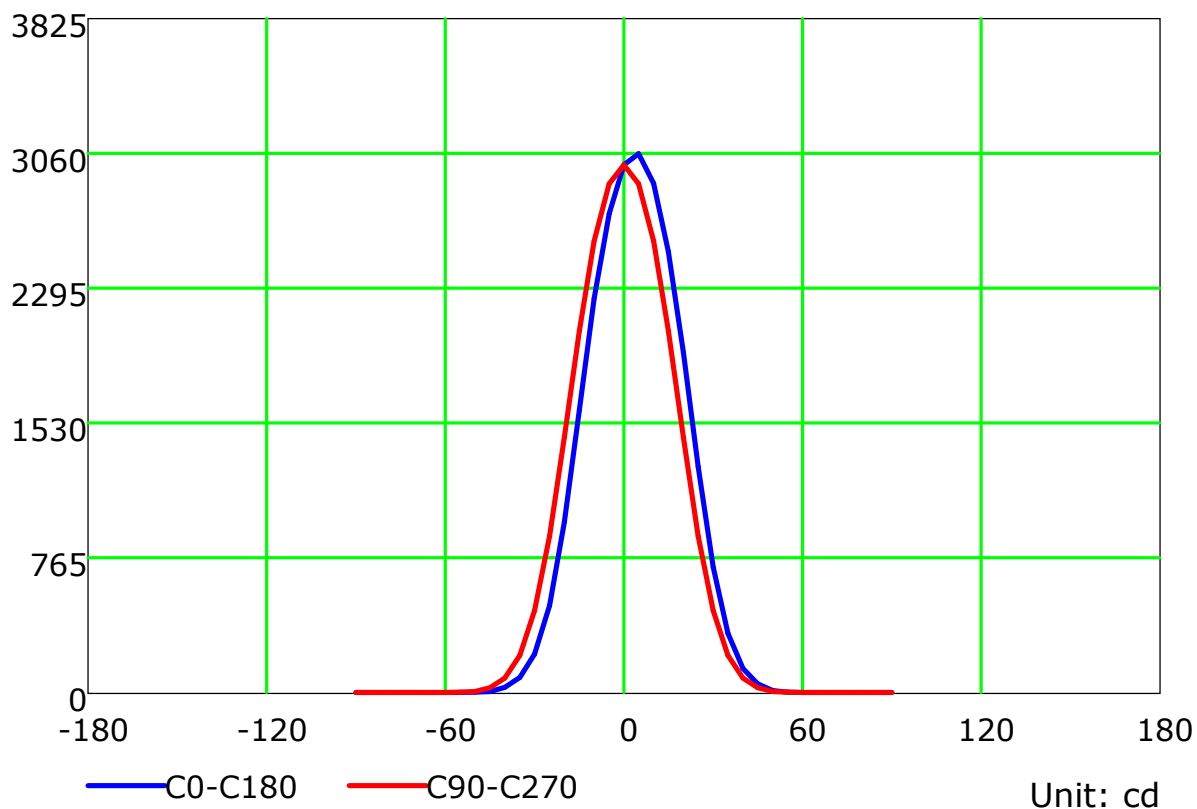
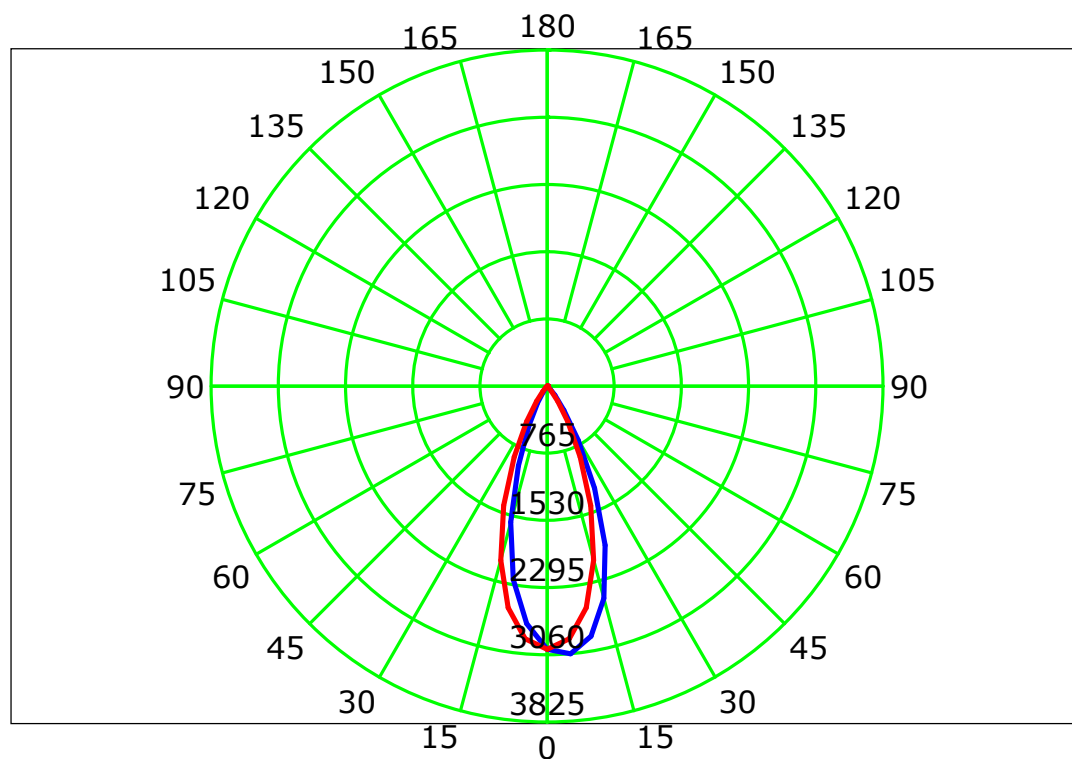


— C0-C180 — C90-C270 — G5

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

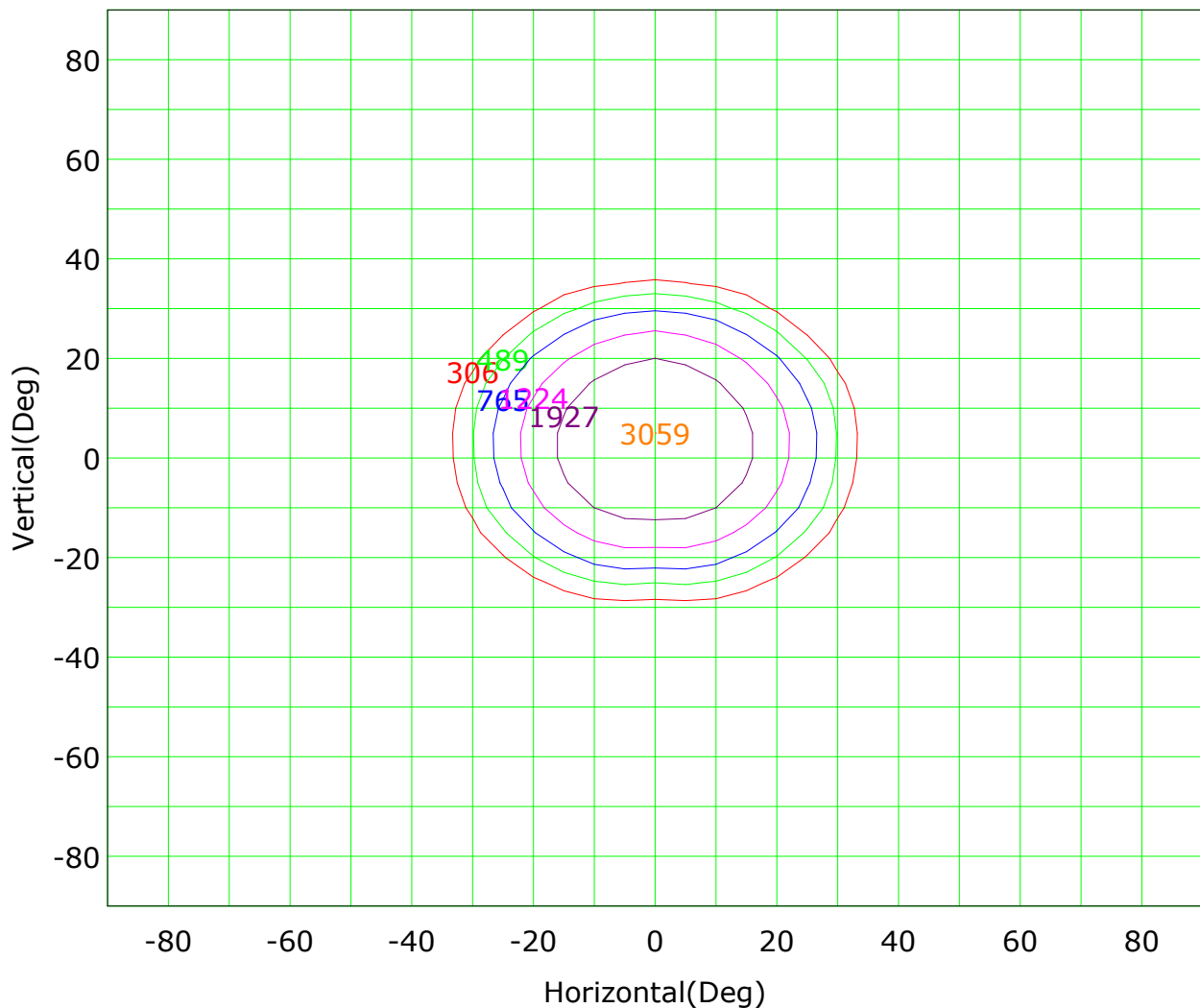


Unit: cd

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:

## Isocandela (rectangle)



I<sub>max</sub> (100%): 3059 cd

( 10%): 306 cd	( 16%): 489 cd
( 25%): 765 cd	( 40%): 1224 cd
( 63%): 1927 cd	(100%): 3059 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

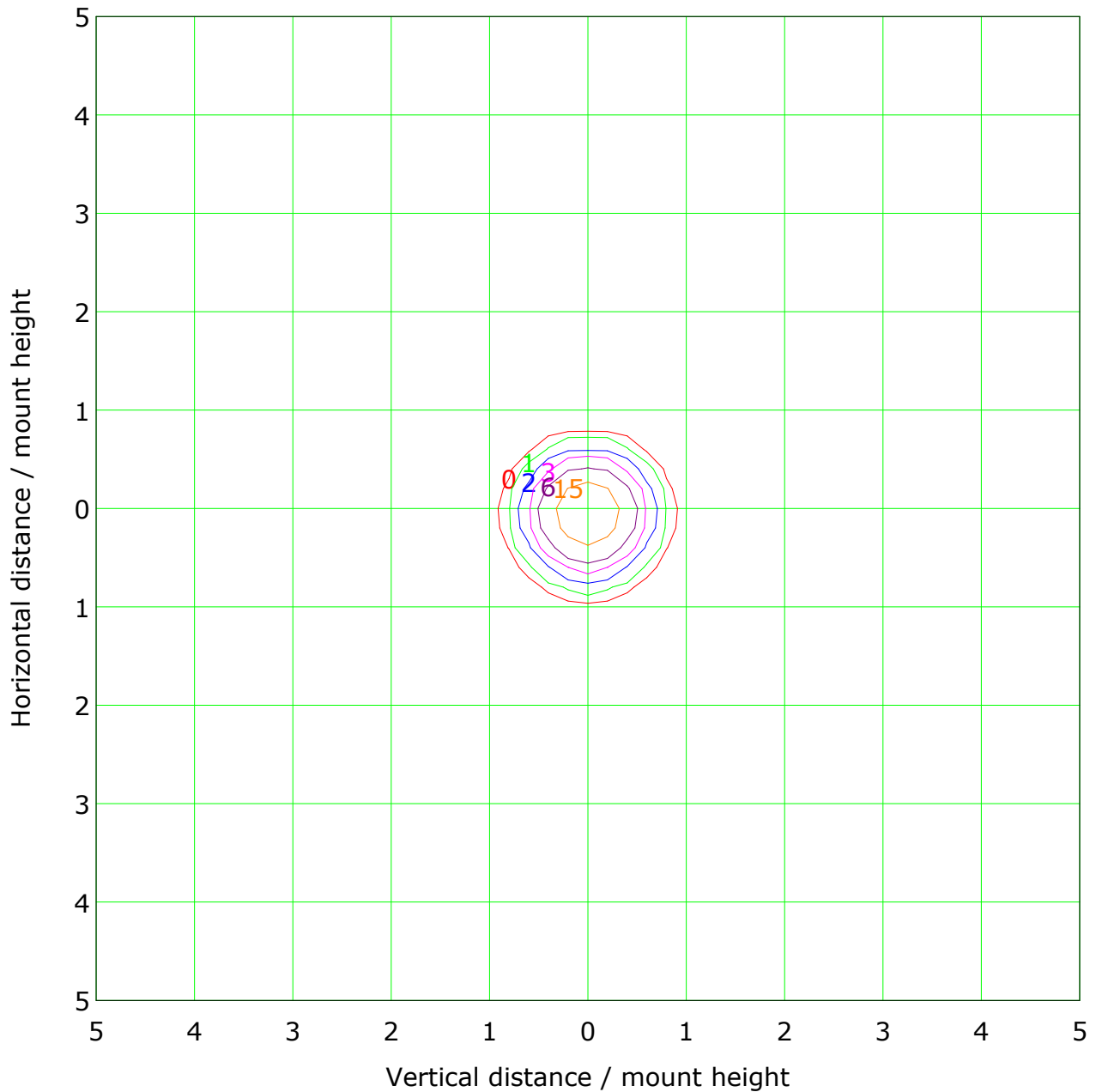
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

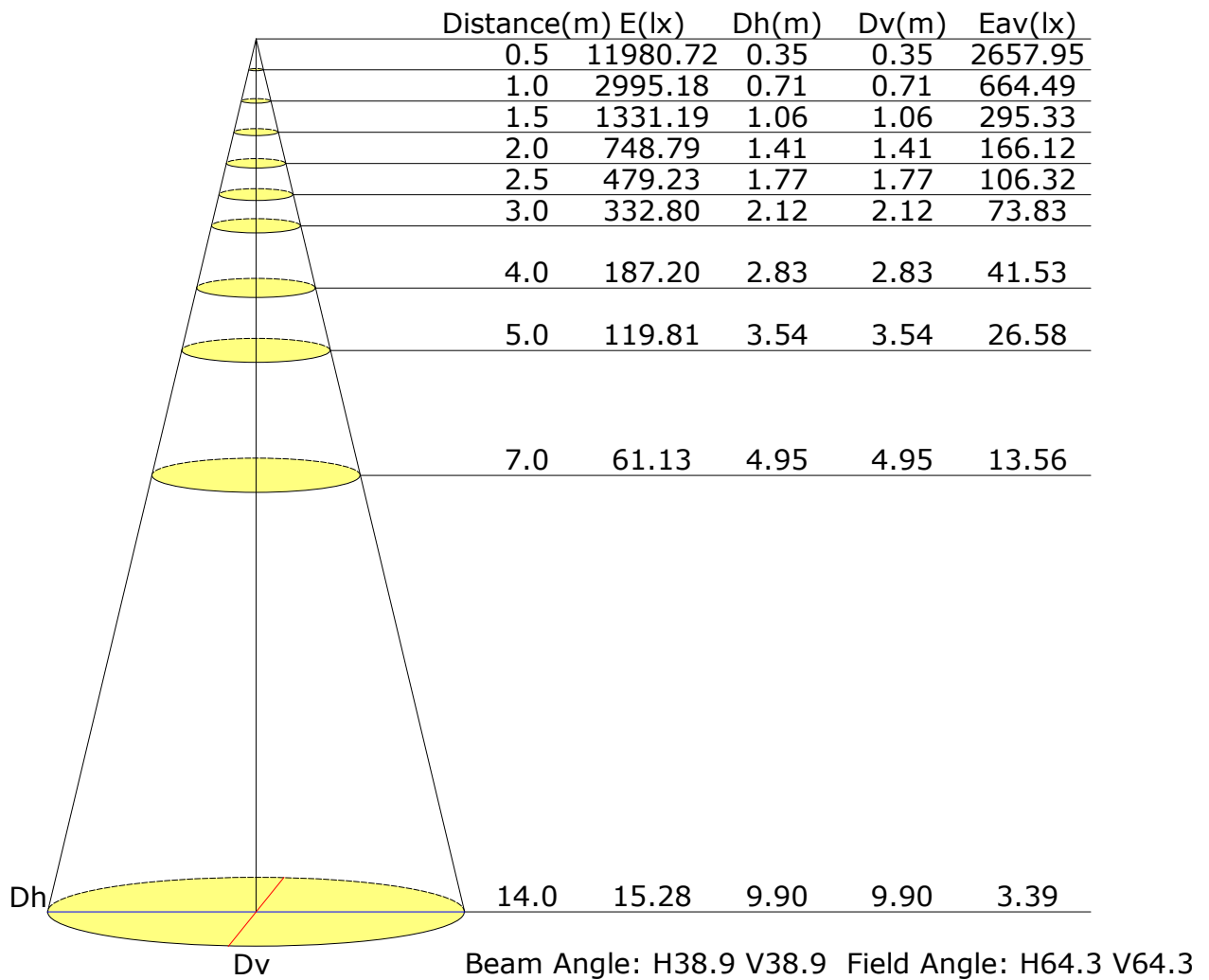


Mounting Height: 10m    Max Lux(100%): 30 lx			
— ( 1%):	0 lx	— ( 2%):	1 lx
— ( 5%):	2 lx	— ( 10%):	3 lx
— ( 20%):	6 lx	— ( 50%):	15 lx
— (100%):	30 lx		

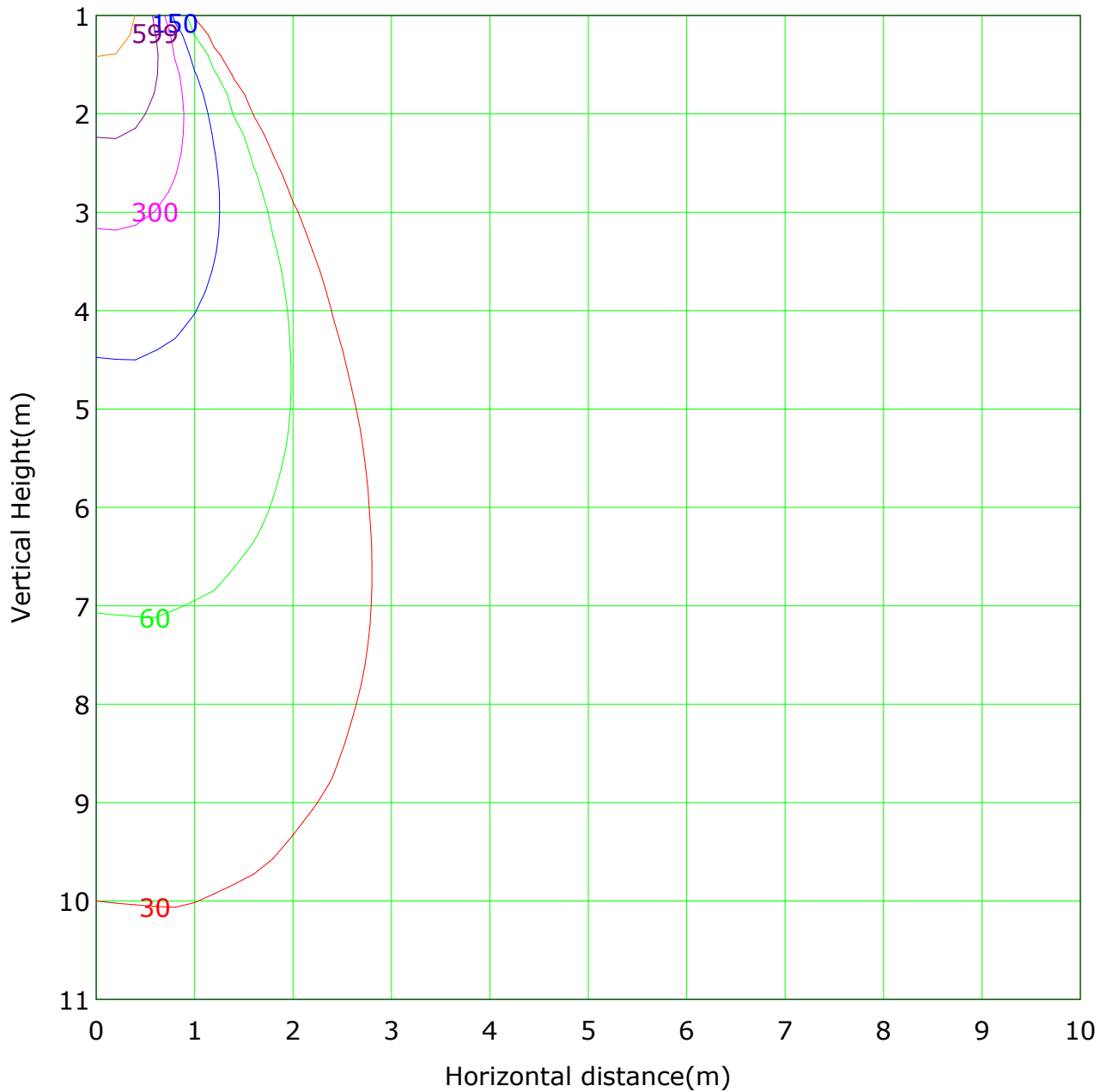
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



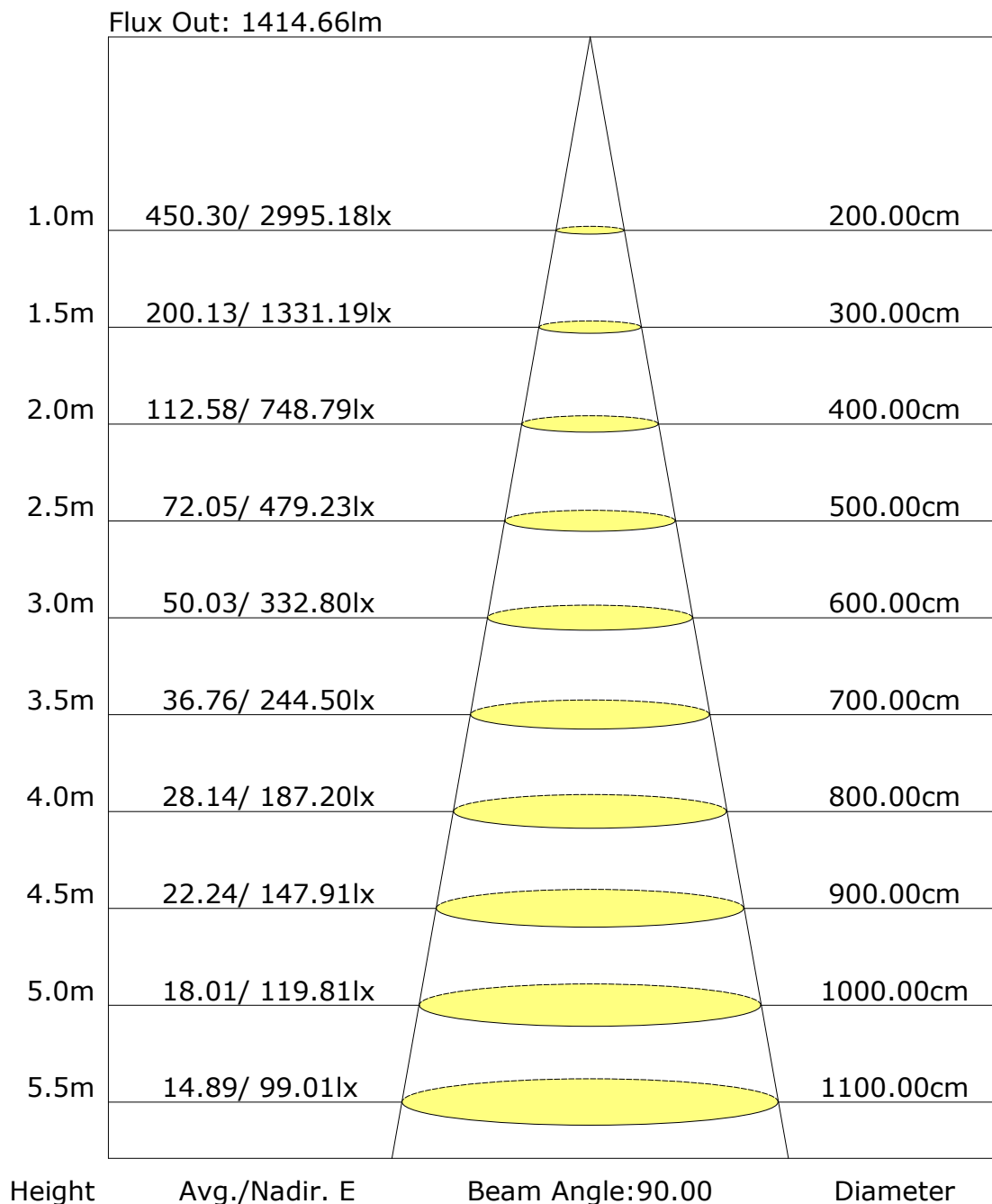
Lowest(m): 1m    Highest(m): 11    Max Lux: 2995

( 1%): 30 lx	( 2%): 60 lx
( 5%): 150 lx	( 10%): 300 lx
( 20%): 599 lx	( 50%): 1498 lx
(100%): 2995 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:

## 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: