

Report No.: 56.07515 PURE Downlight

Test Time: 2023-06-03 21:31

## Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Luminaire Description: 45D

Current: 0.040 A

Power Factor: 0.936

Voltage: 220.4 V

Power: 8.20 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 390.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H44.9

Vertical Diffuse Angle(50%): V44.9

Luminaire Efficacy Rating (LER): 48

Max. Intensity: 598.54 cd

Total Rated Lamp Lumens: 390.6 lm

Efficiency: 100%

Upward Ratio: 0%

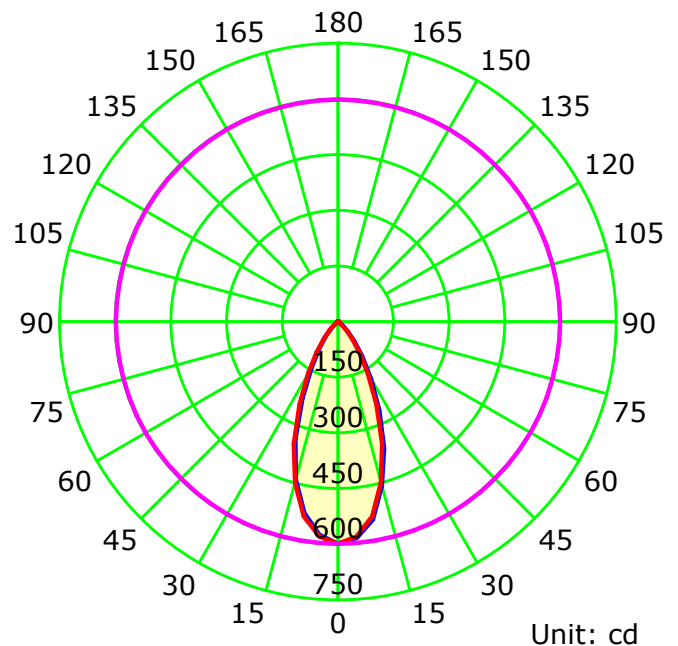
Central Intensity: 598.53 cd

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

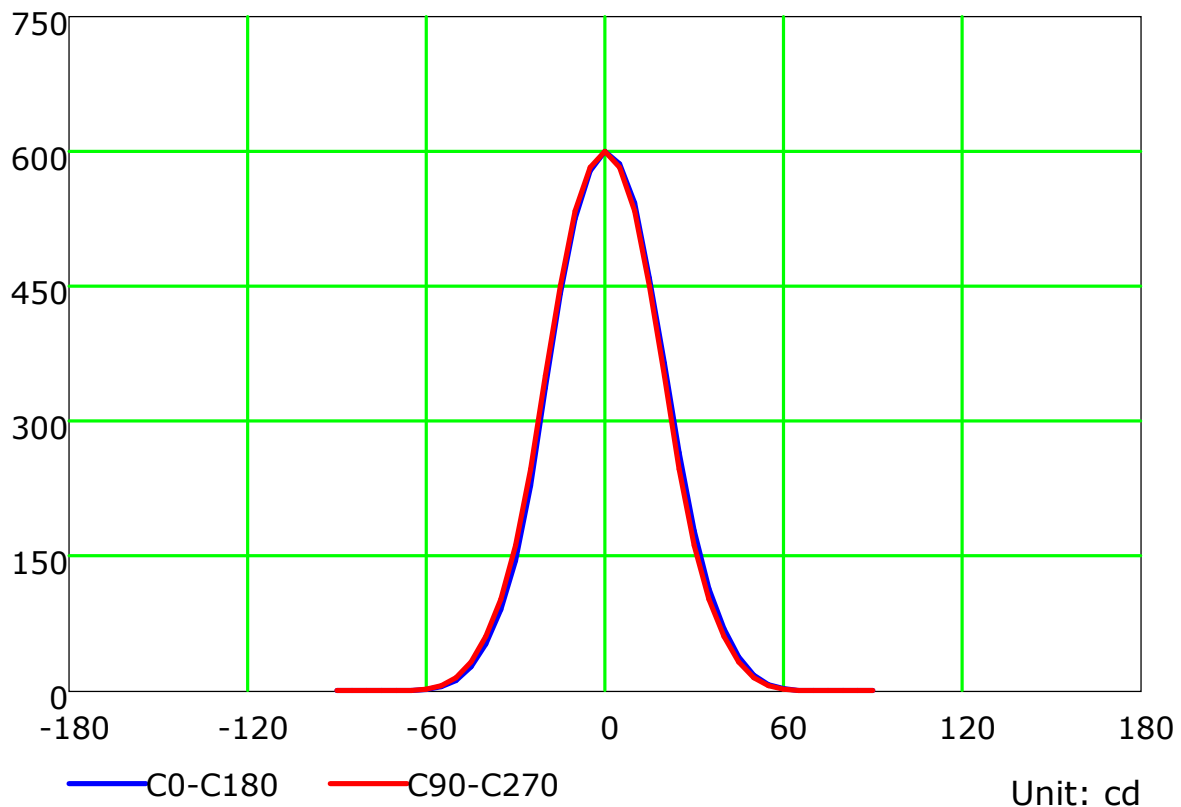
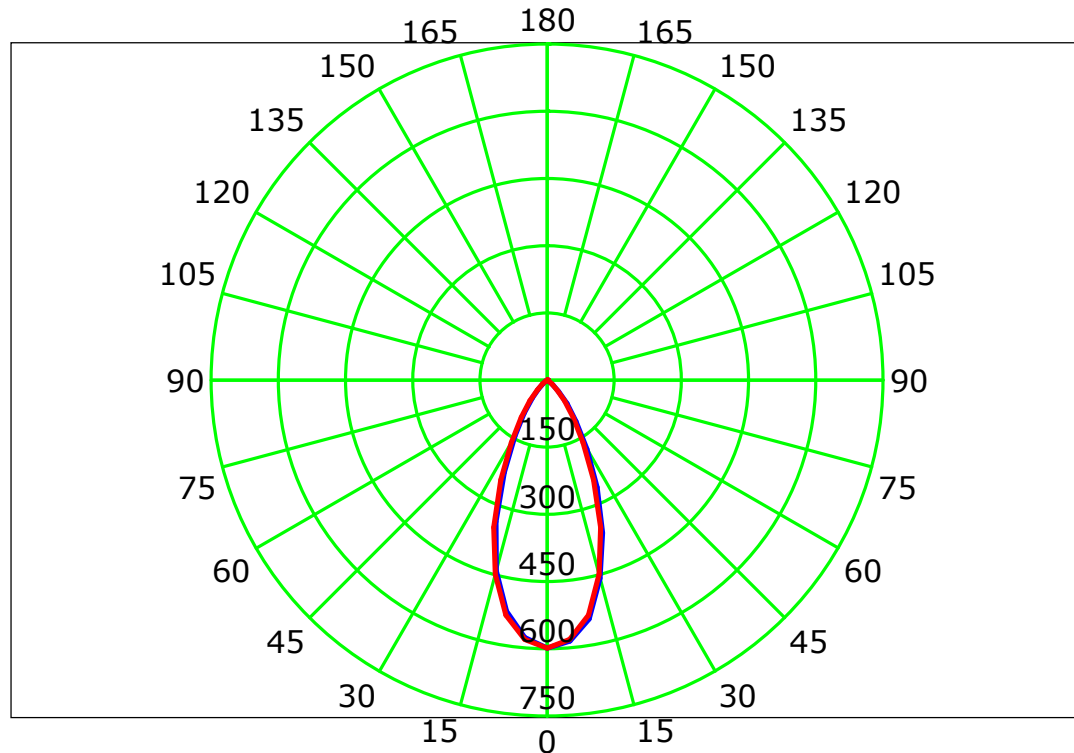
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Luminous Intensity Distribution Curve

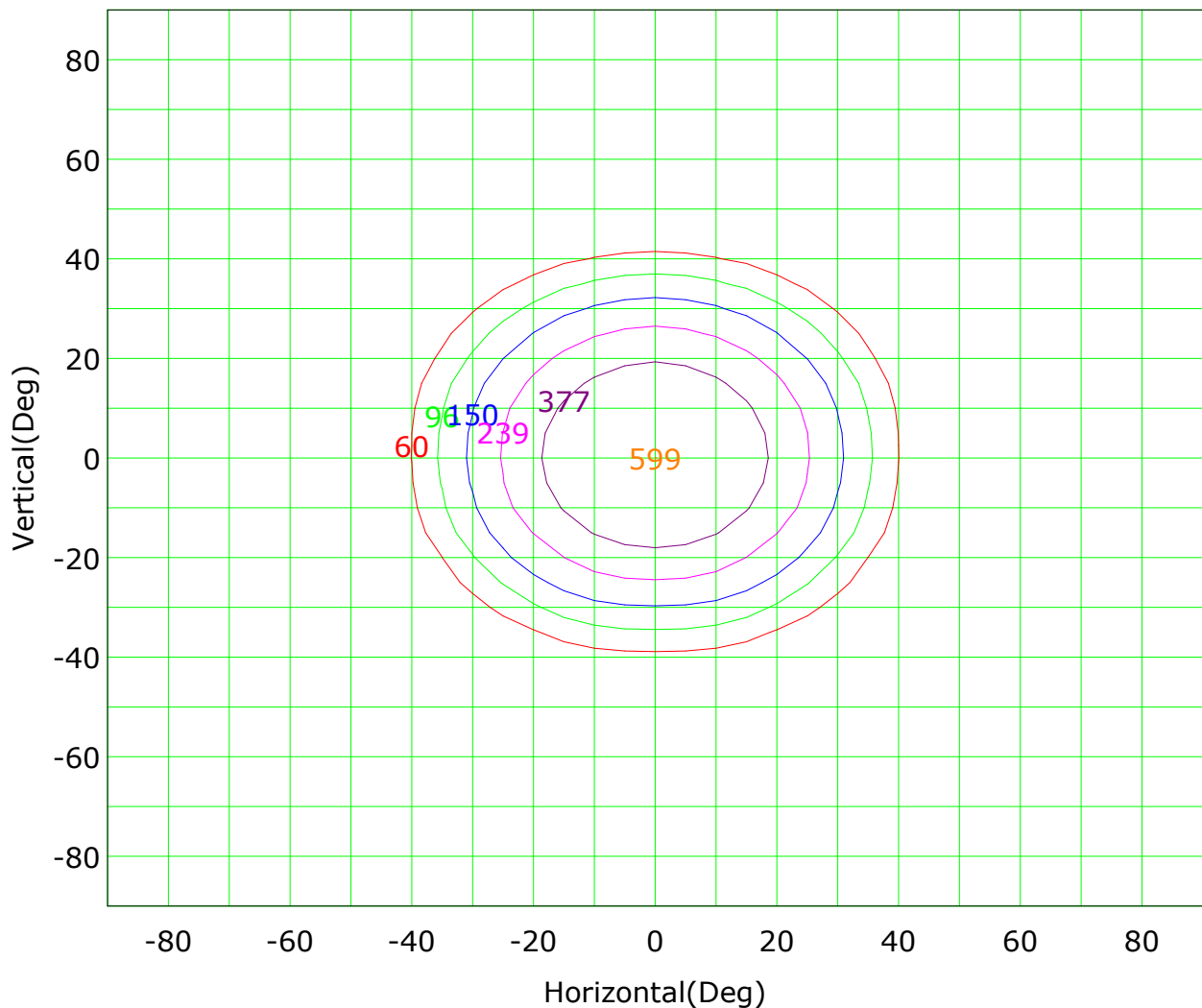


Unit: cd

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)



Imax (100%): 599 cd

( 10%):	60 cd	( 16%):	96 cd
( 25%):	150 cd	( 40%):	239 cd
( 63%):	377 cd	(100%):	599 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

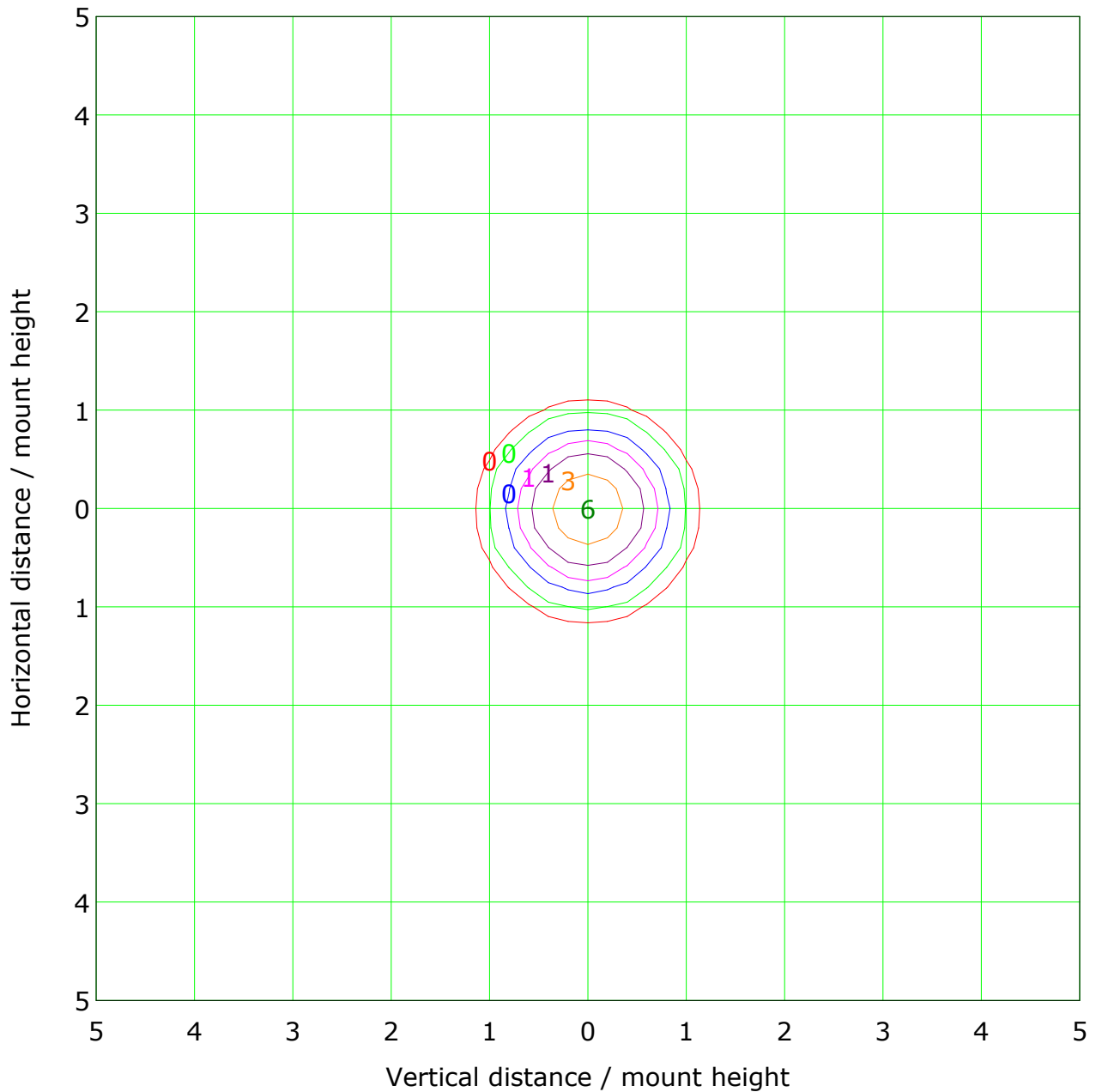
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

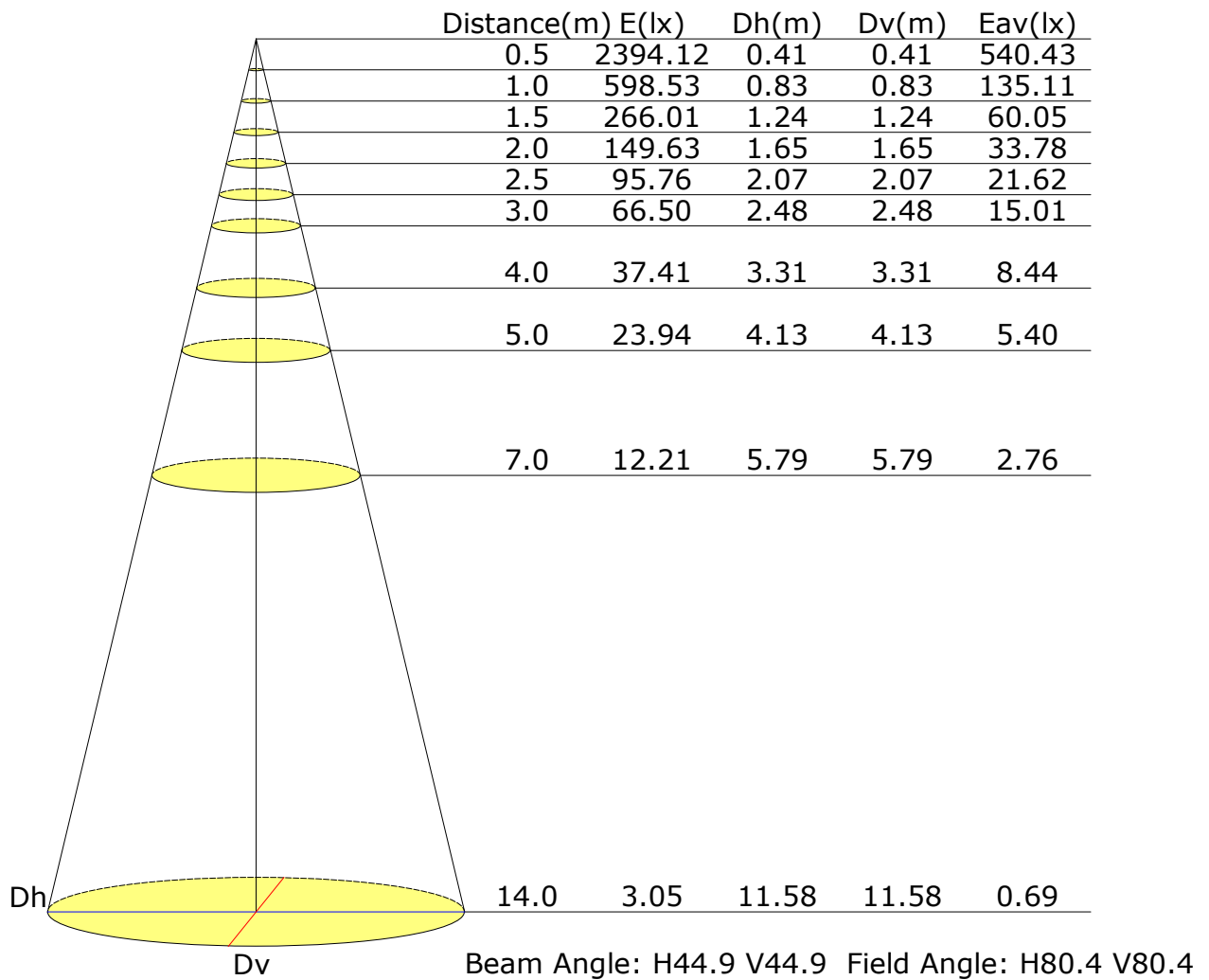


Mounting Height: 10m    Max Lux(100%): 6 lx			
( 1%):	0 lx	( 2%):	0 lx
( 5%):	0 lx	( 10%):	1 lx
( 20%):	1 lx	( 50%):	3 lx
(100%):	6 lx		

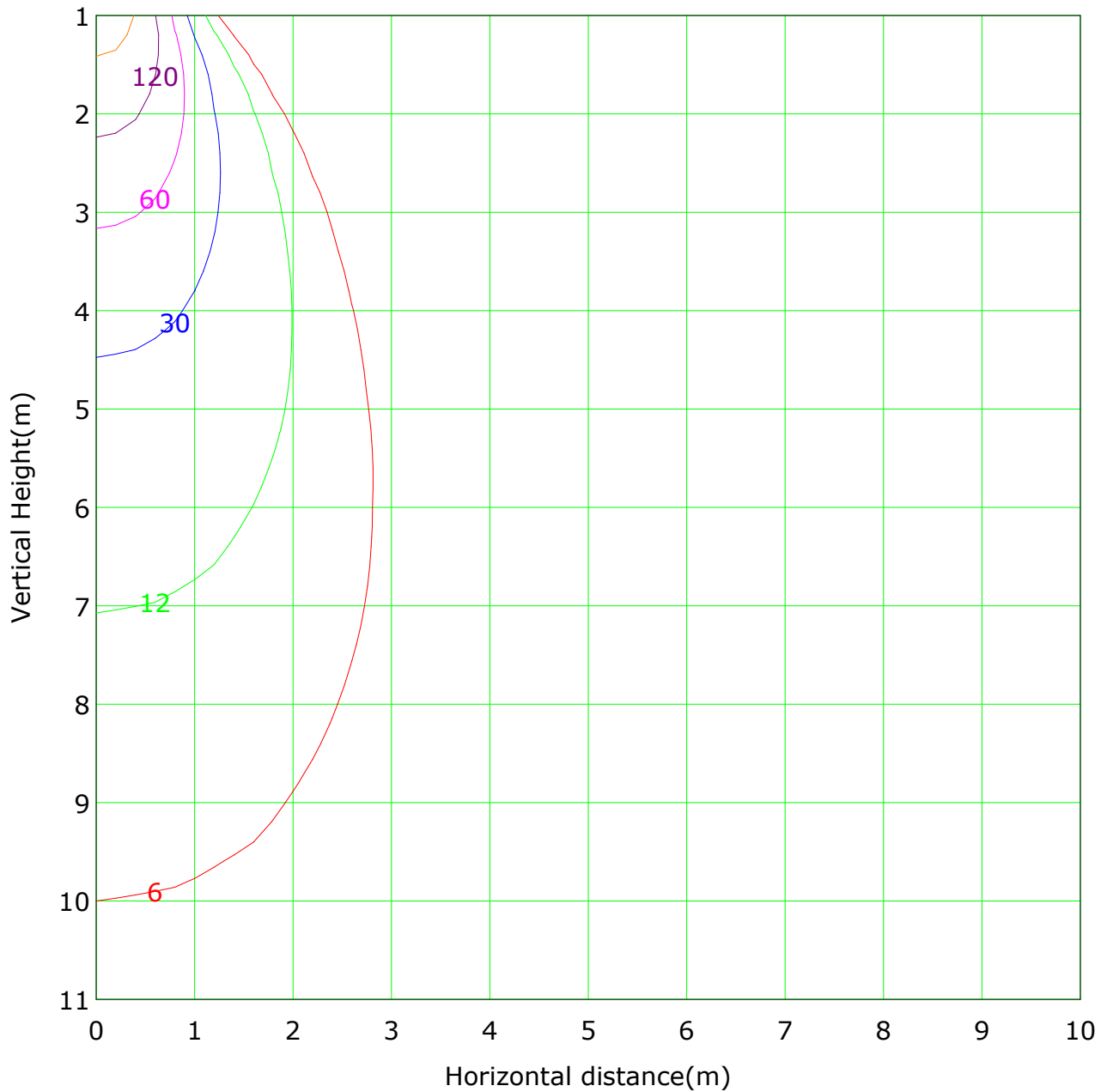
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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: 599

( 1%): 6 lx	( 2%): 12 lx
( 5%): 30 lx	( 10%): 60 lx
( 20%): 120 lx	( 50%): 299 lx
(100%): 599 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

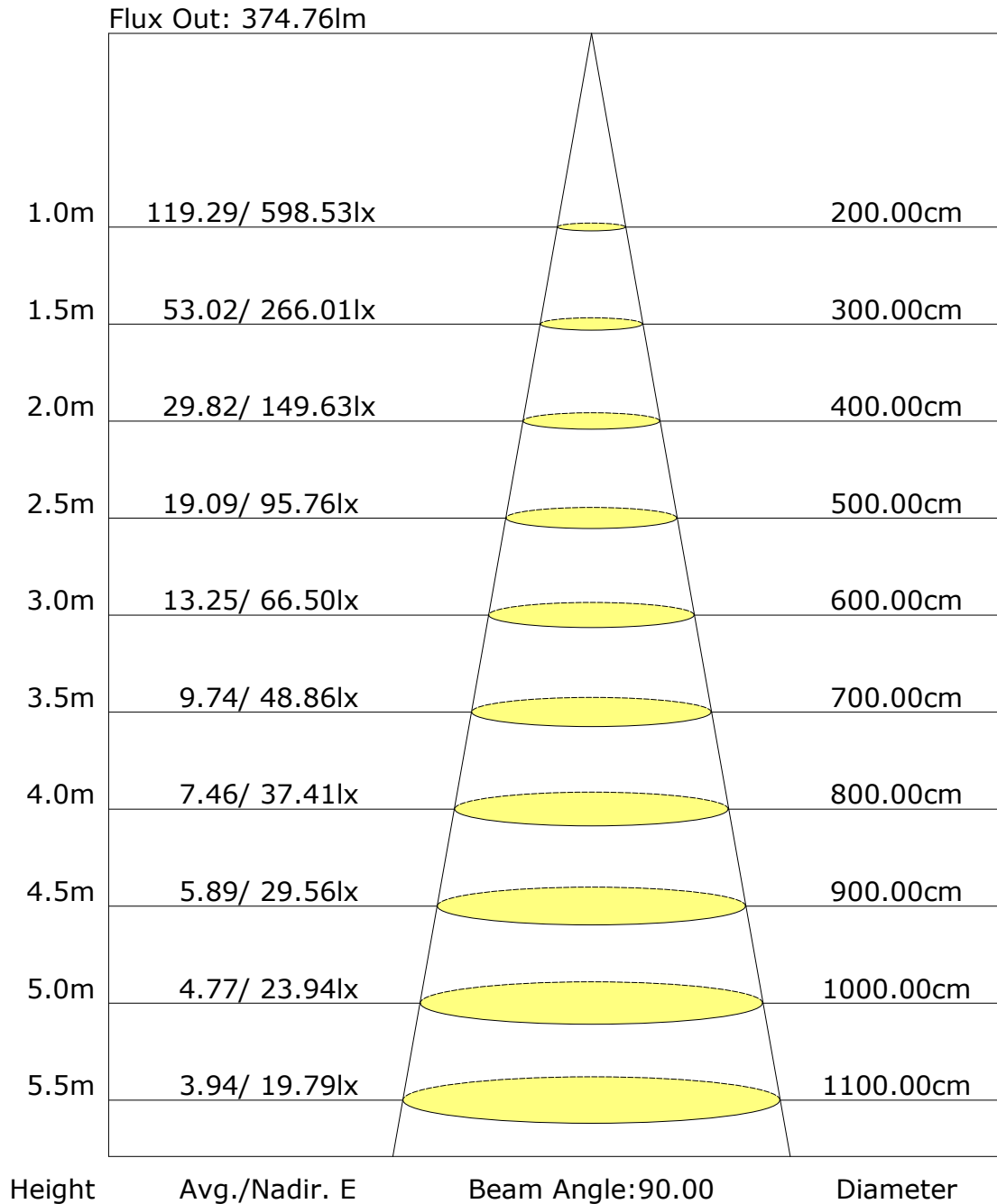
Test Device: CHL-6E

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]

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: