

Report No.: 81.30011 DELTA Pendant Light Test Time: 2023-10-06 15:44

## Luminaire Property

Luminaire Category: Bridgelux V13C F90 3000K CRI90

Voltage: 222.9 V

Current: 0.110 A

Power: 23.60 W

Power Factor: 0.964

## Photometric Results

CIE Class: Direct

Measurement Flux: 2806.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H32.7

Vertical Diffuse Angle(50%): V32.7

Luminaire Efficacy Rating (LER): 119

Max. Intensity: 7198.53 cd

Total Rated Lamp Lumens: 2806.8 lm

Efficiency: 100%

Upward Ratio: 0%

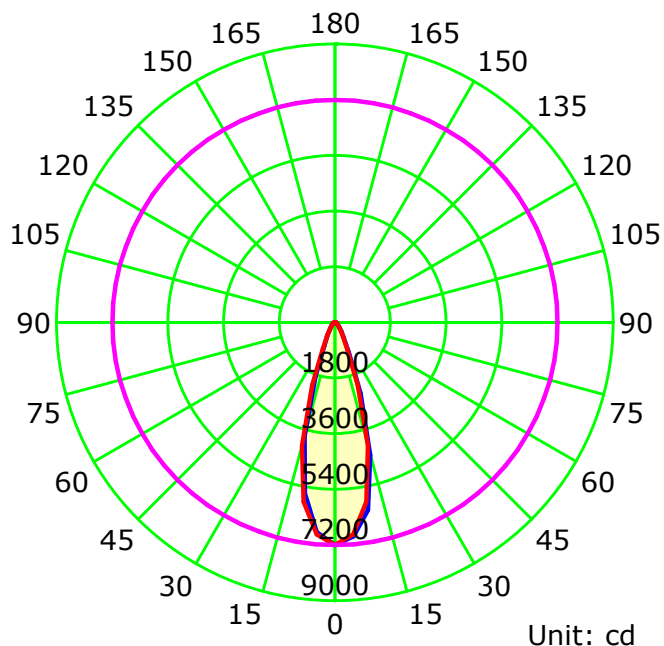
Central Intensity: 7198.52 cd

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

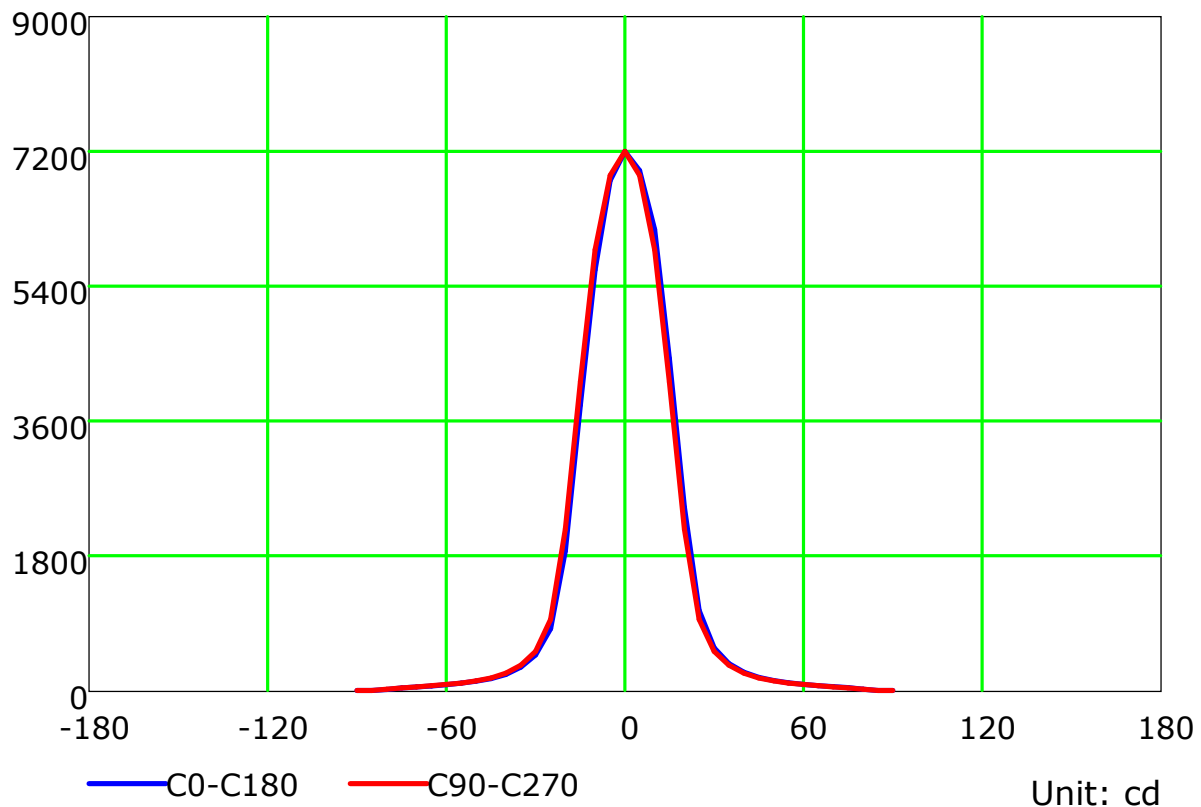
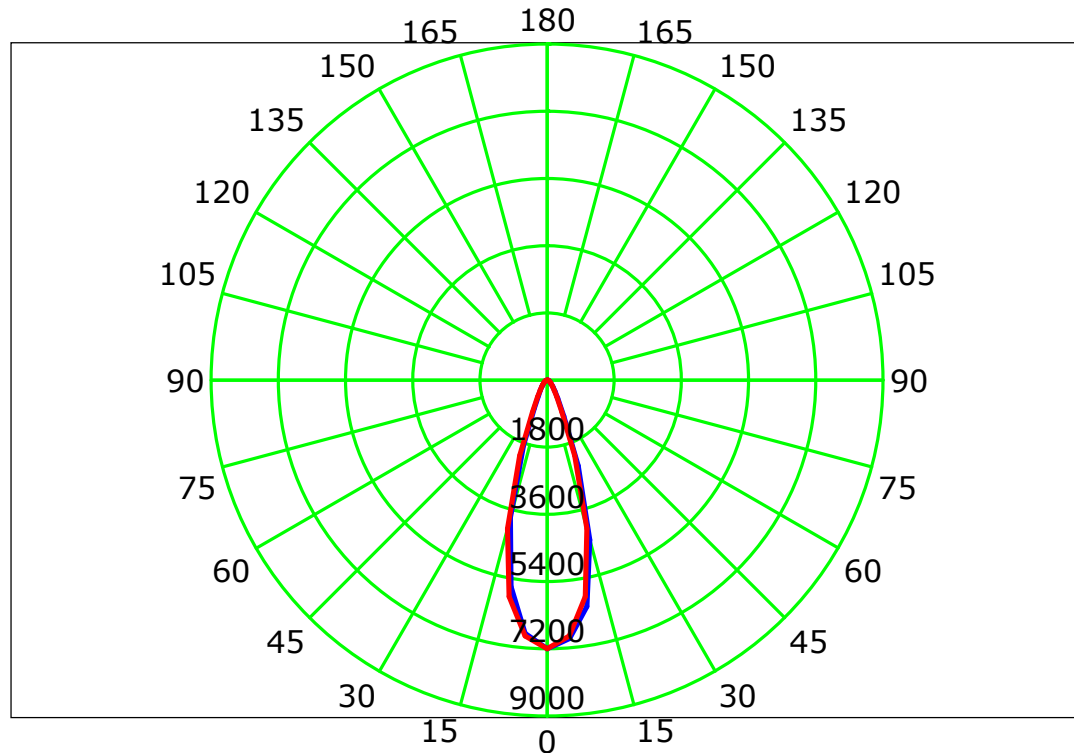
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

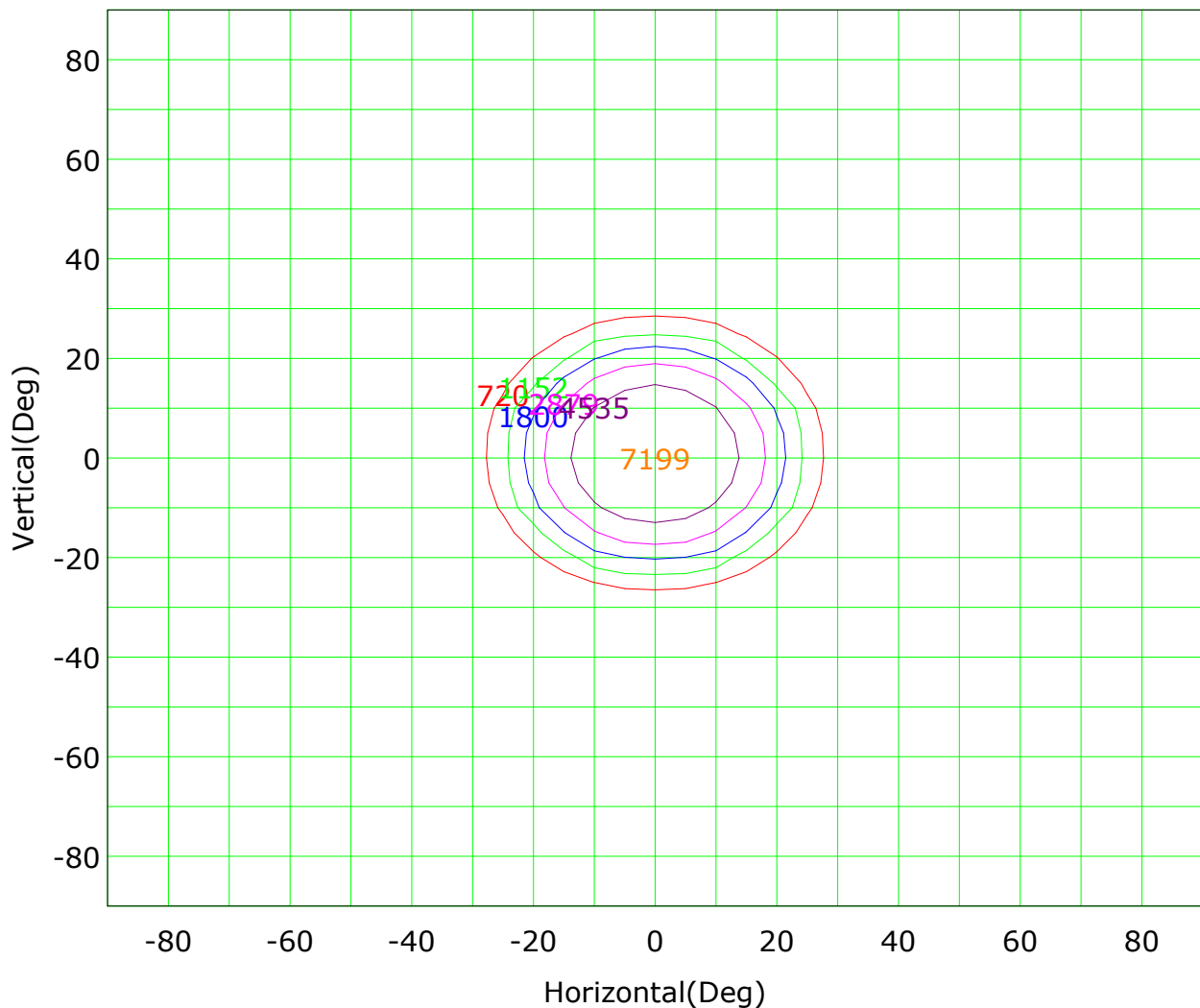
## Luminous Intensity Distribution Curve



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%): 7199 cd

( 10%): 720 cd	( 16%): 1152 cd
( 25%): 1800 cd	( 40%): 2879 cd
( 63%): 4535 cd	(100%): 7199 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

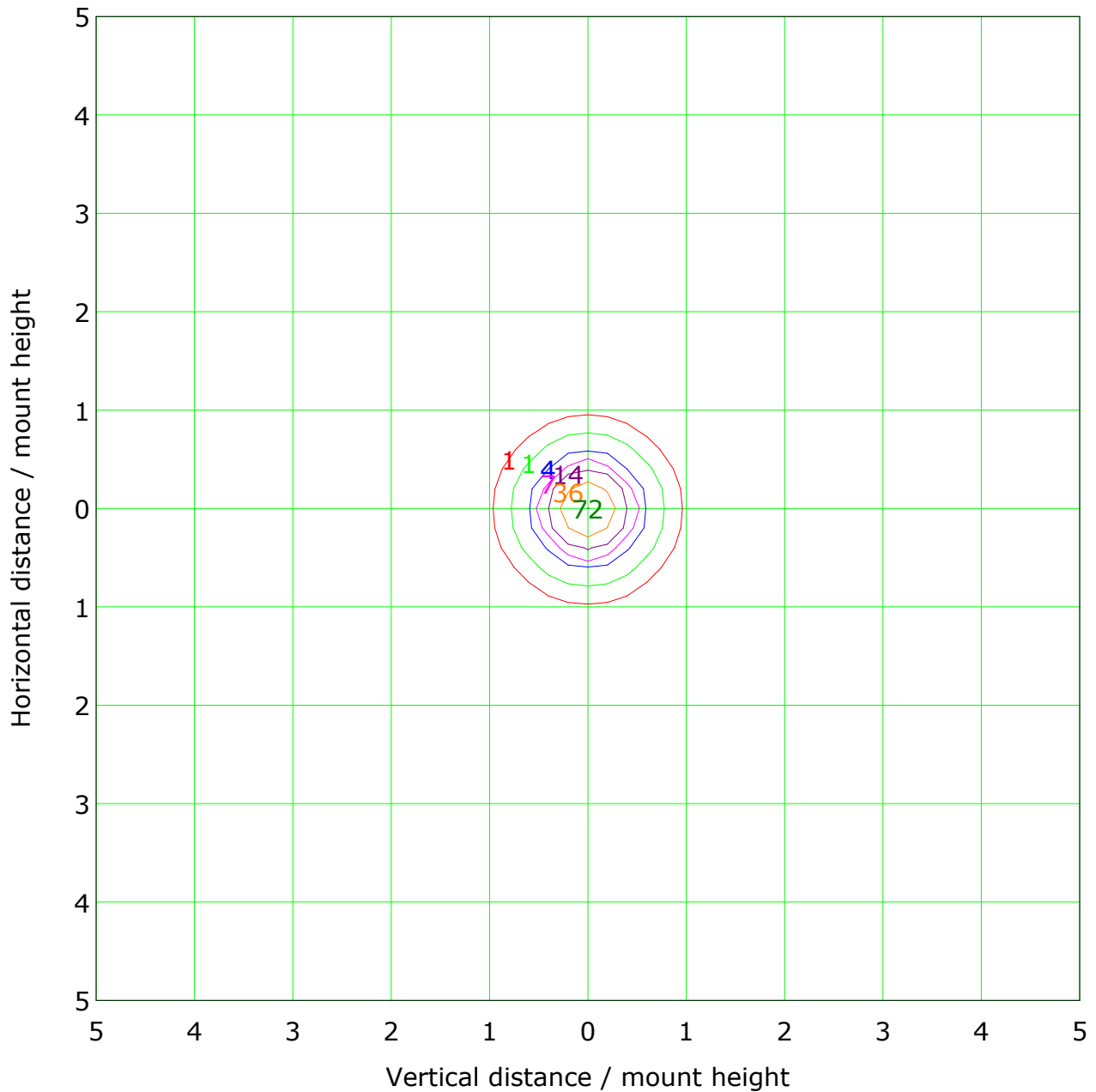
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

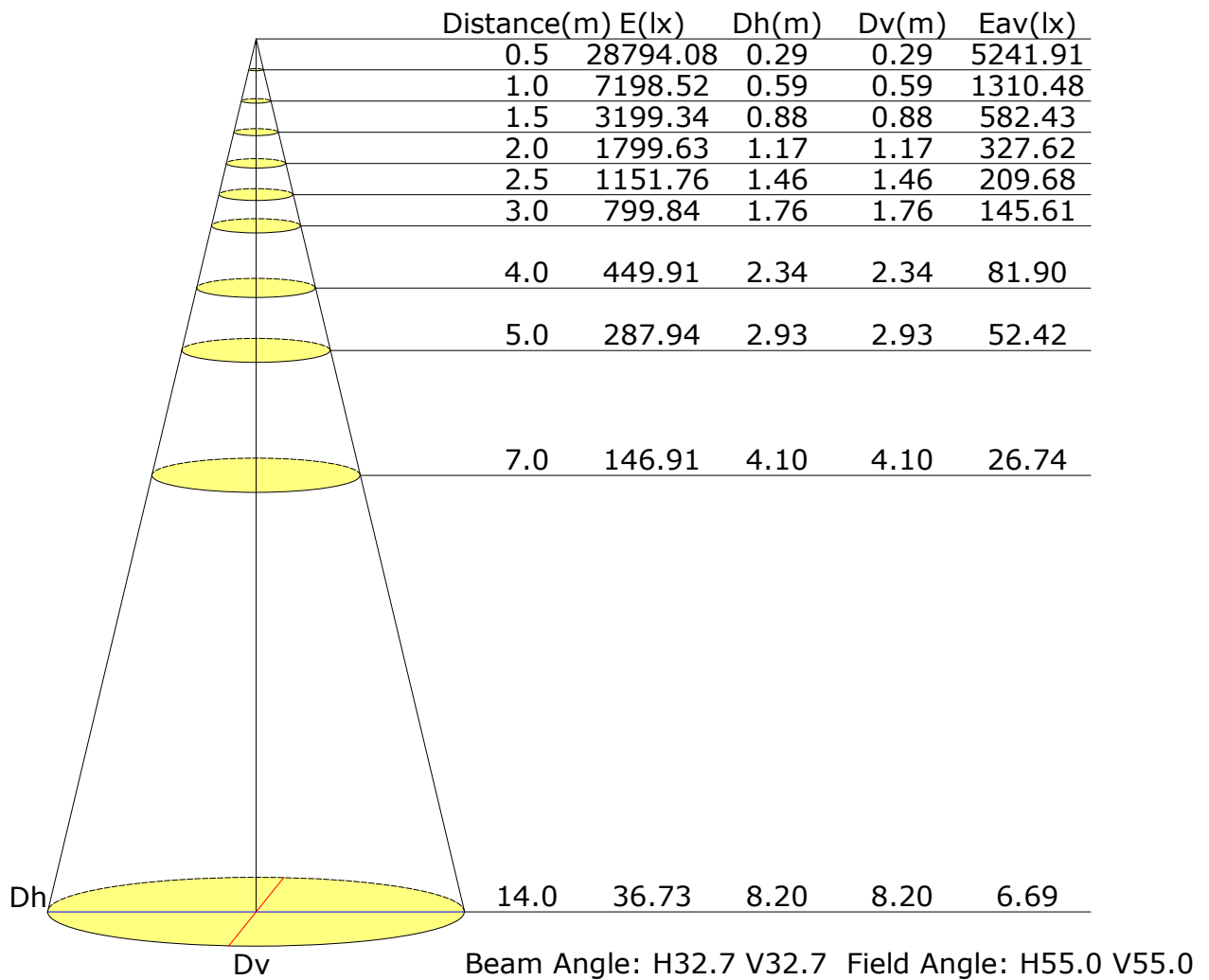


Mounting Height: 10m		Max Lux(100%): 72 lx	
( 1%):	1 lx	( 2%):	1 lx
( 5%):	4 lx	( 10%):	7 lx
( 20%):	14 lx	( 50%):	36 lx
(100%):	72 lx		

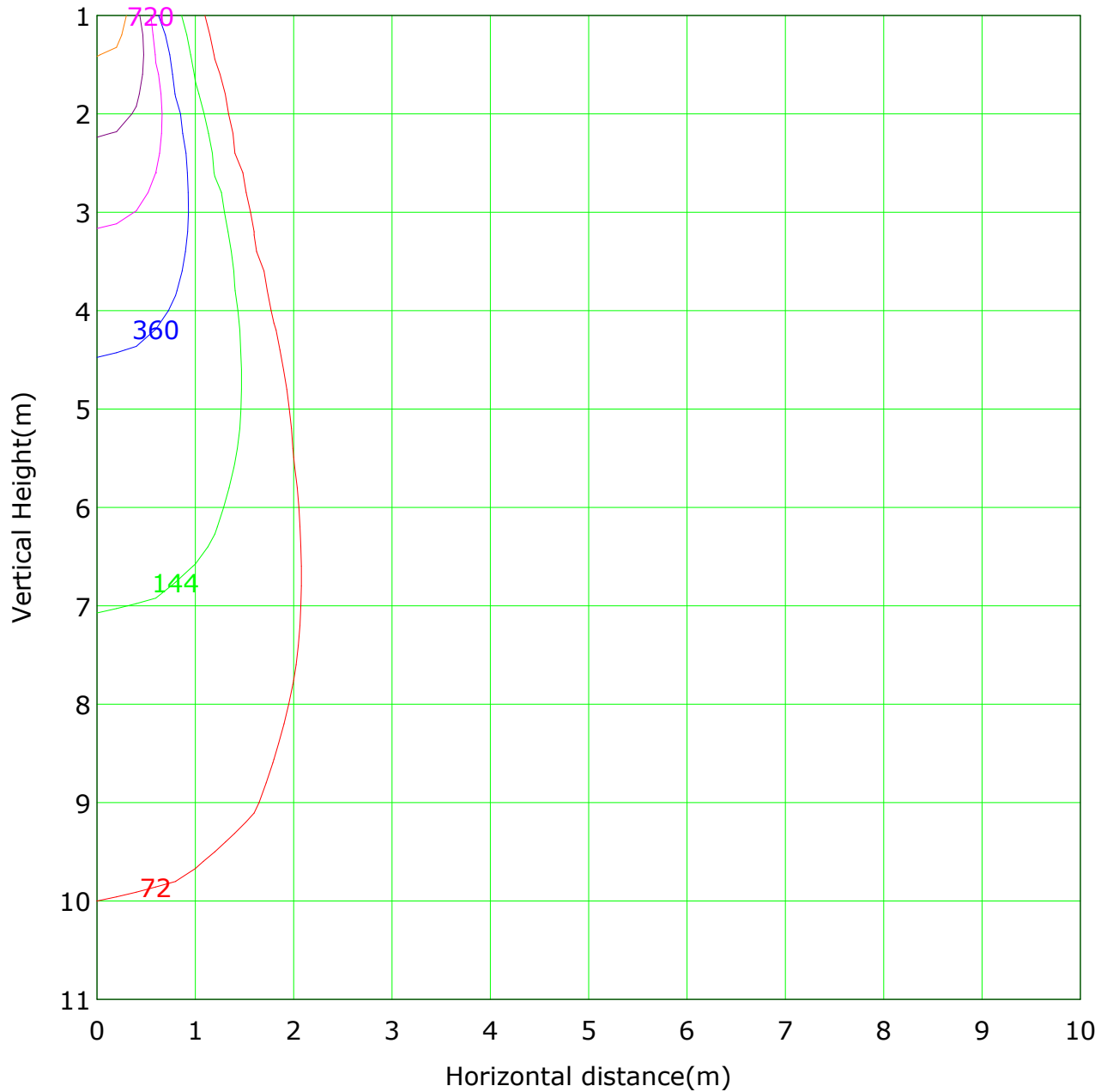
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



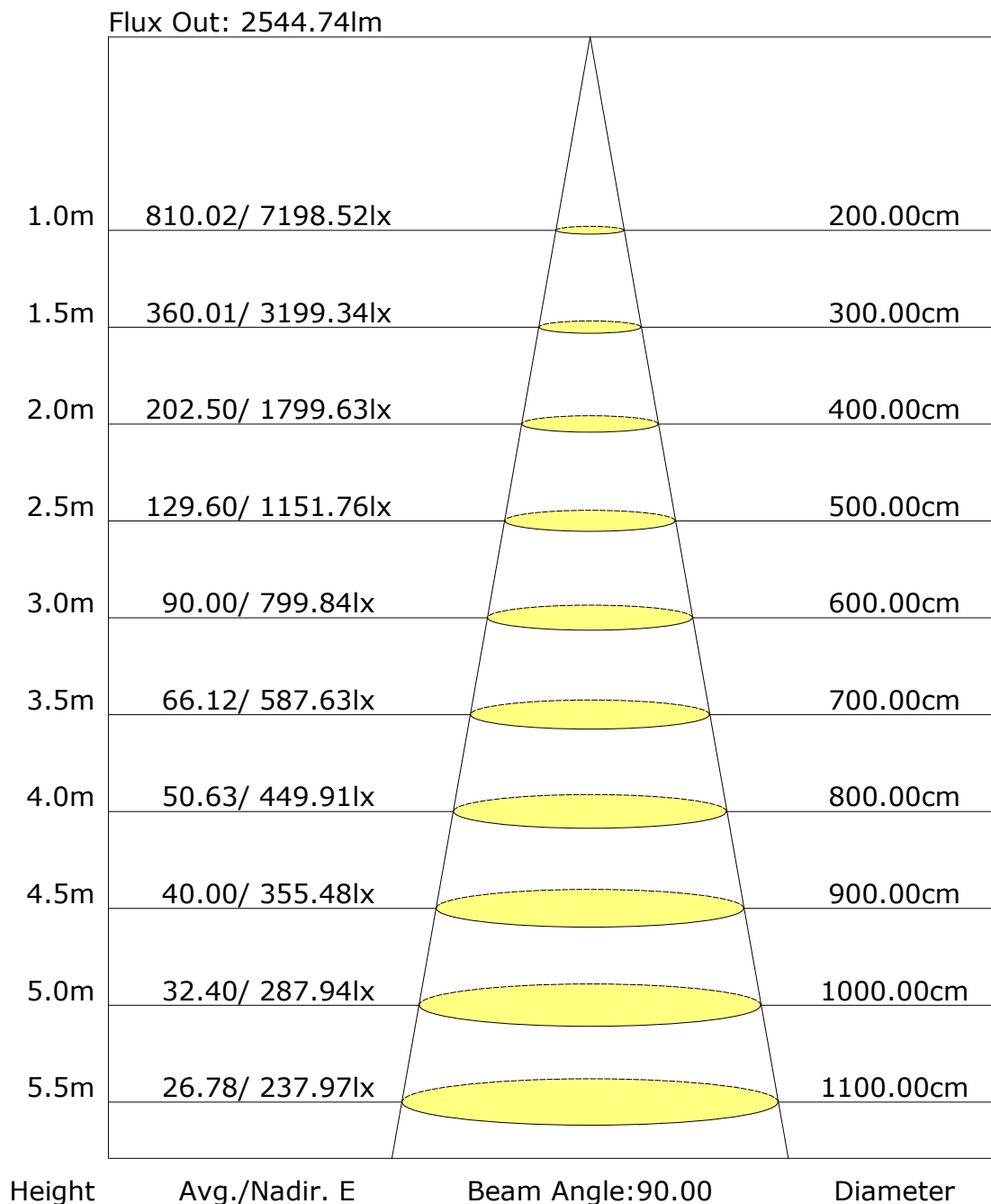
Lowest(m): 1m    Highest(m): 11    Max Lux: 7199

( 1%): 72 lx	( 2%): 144 lx
( 5%): 360 lx	( 10%): 720 lx
( 20%): 1440 lx	( 50%): 3599 lx
(100%): 7199 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



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: