

Report No.:93.09012-Rod Suspensionnt Test Time: 2023-06-27 17:23

## Luminaire Property

Luminaire Category: Citizen 1206 3000K CRI90

Luminaire Description: 36D

Current: 0.173 A

Power Factor: 0.976

Voltage: 212.2 V

Power: 35.80 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 3590.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H27.9

Vertical Diffuse Angle(50%): V27.9

Luminaire Efficacy Rating (LER): 100

Max. Intensity: 14397.05 cd

Total Rated Lamp Lumens: 3590.5 lm

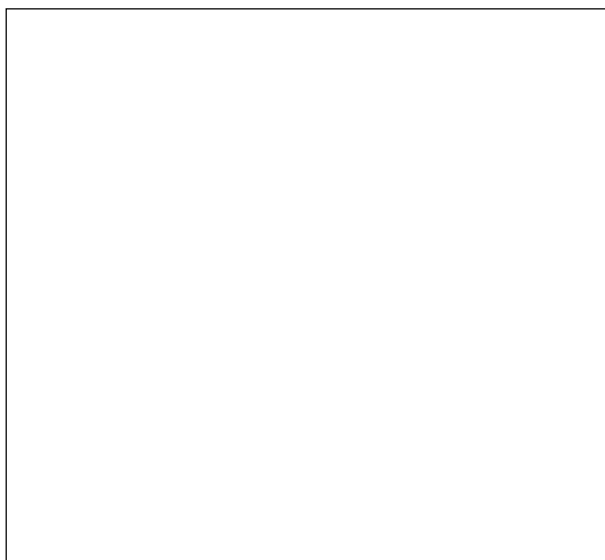
Efficiency: 100%

Upward Ratio: 0%

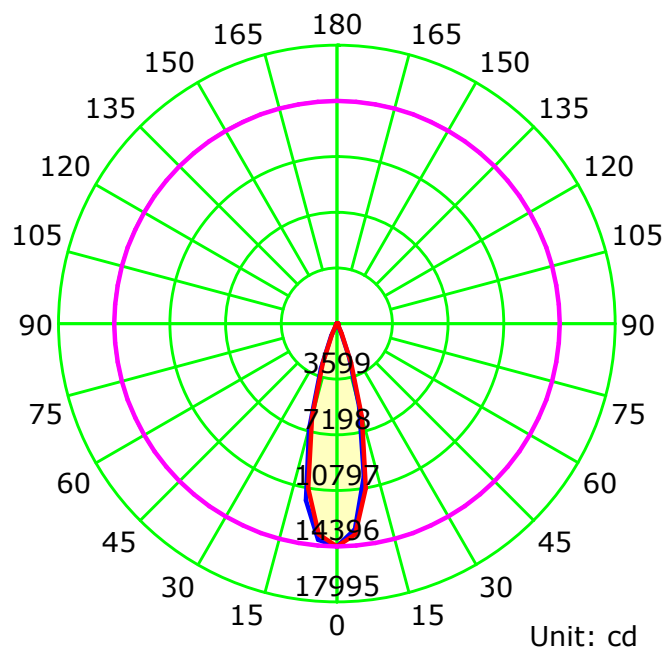
Central Intensity: 14397.04 cd

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

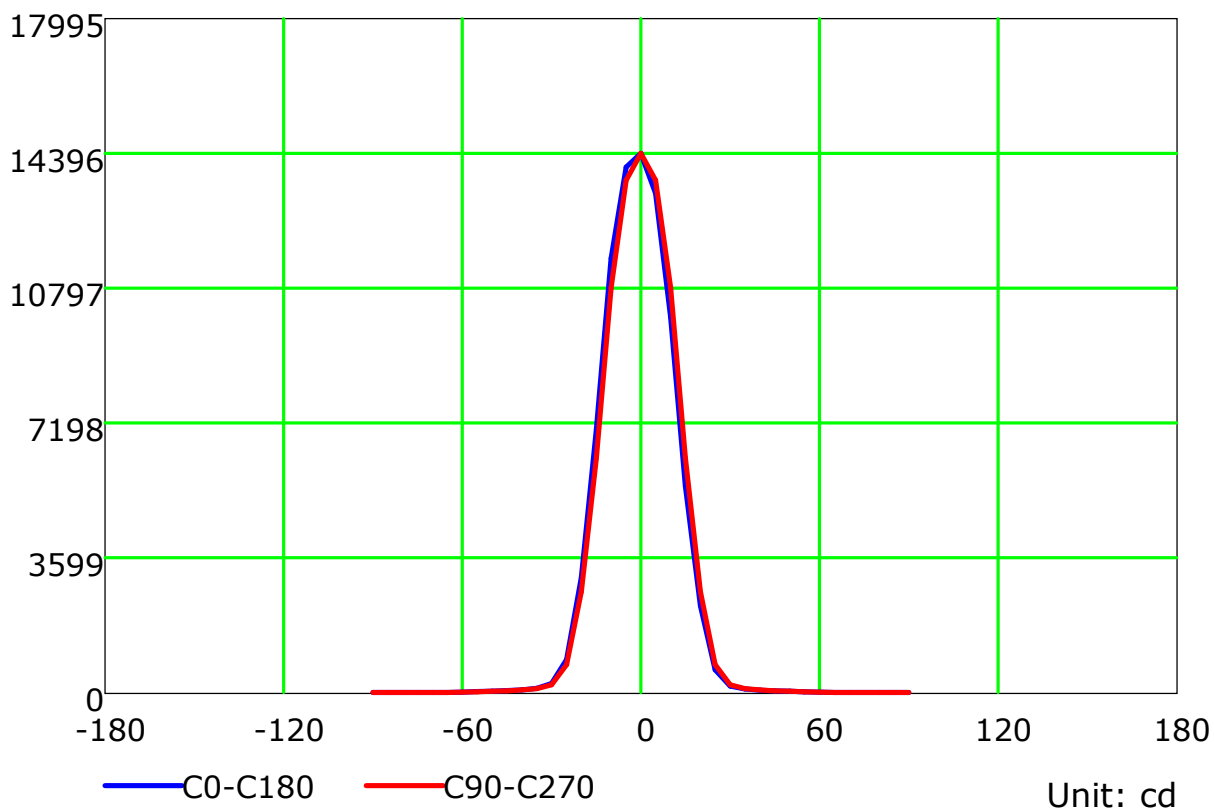
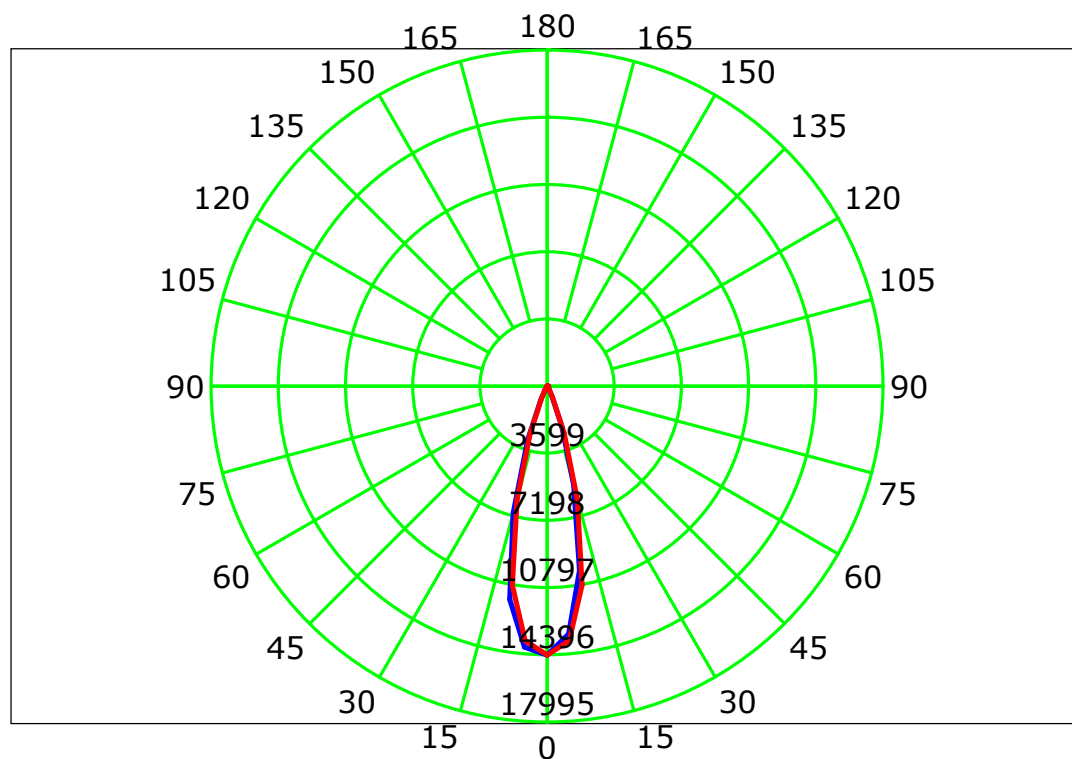
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

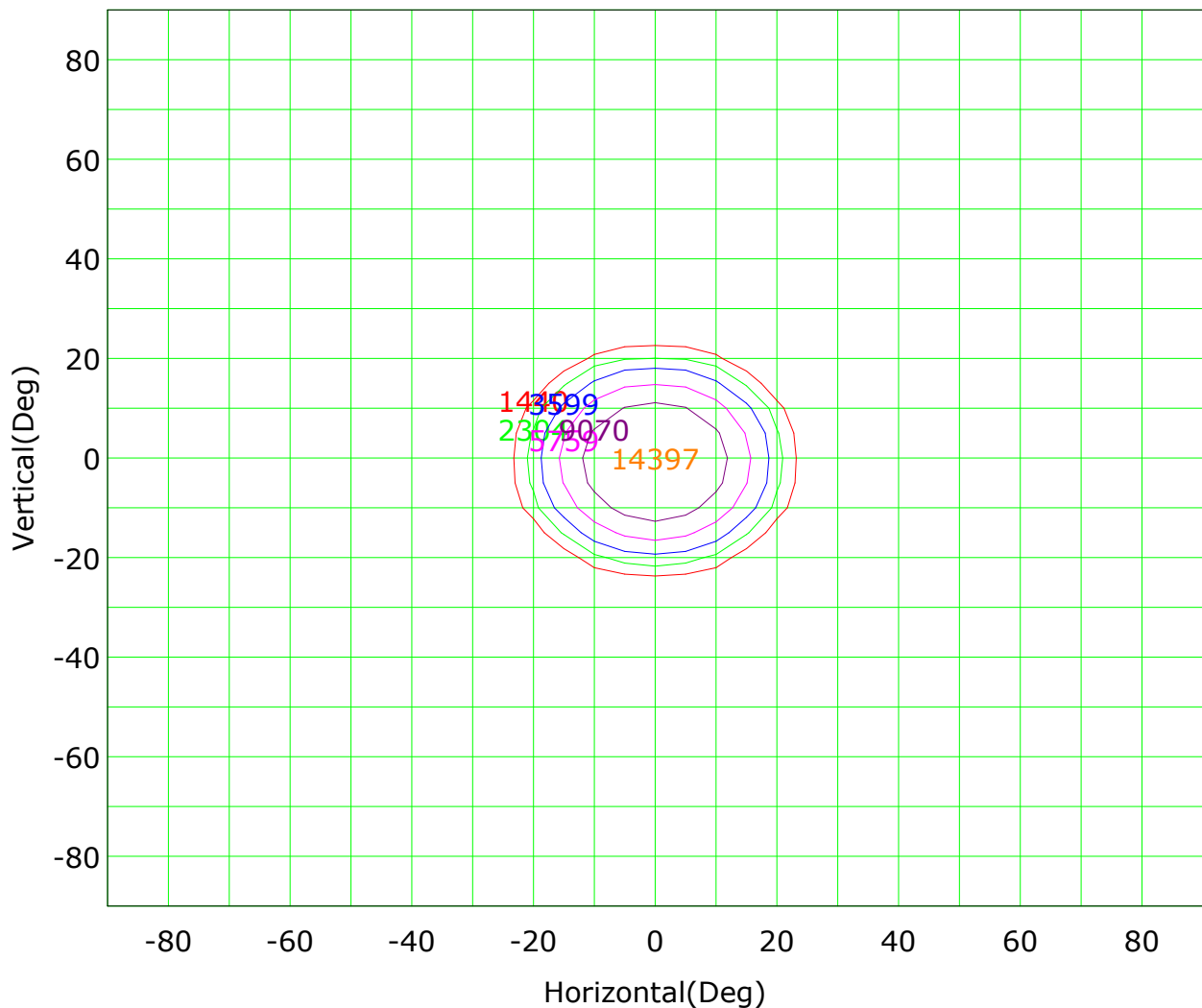
## Luminous Intensity Distribution Curve



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%): 14397 cd

( 10%): 1440 cd	( 16%): 2304 cd
( 25%): 3599 cd	( 40%): 5759 cd
( 63%): 9070 cd	(100%): 14397 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

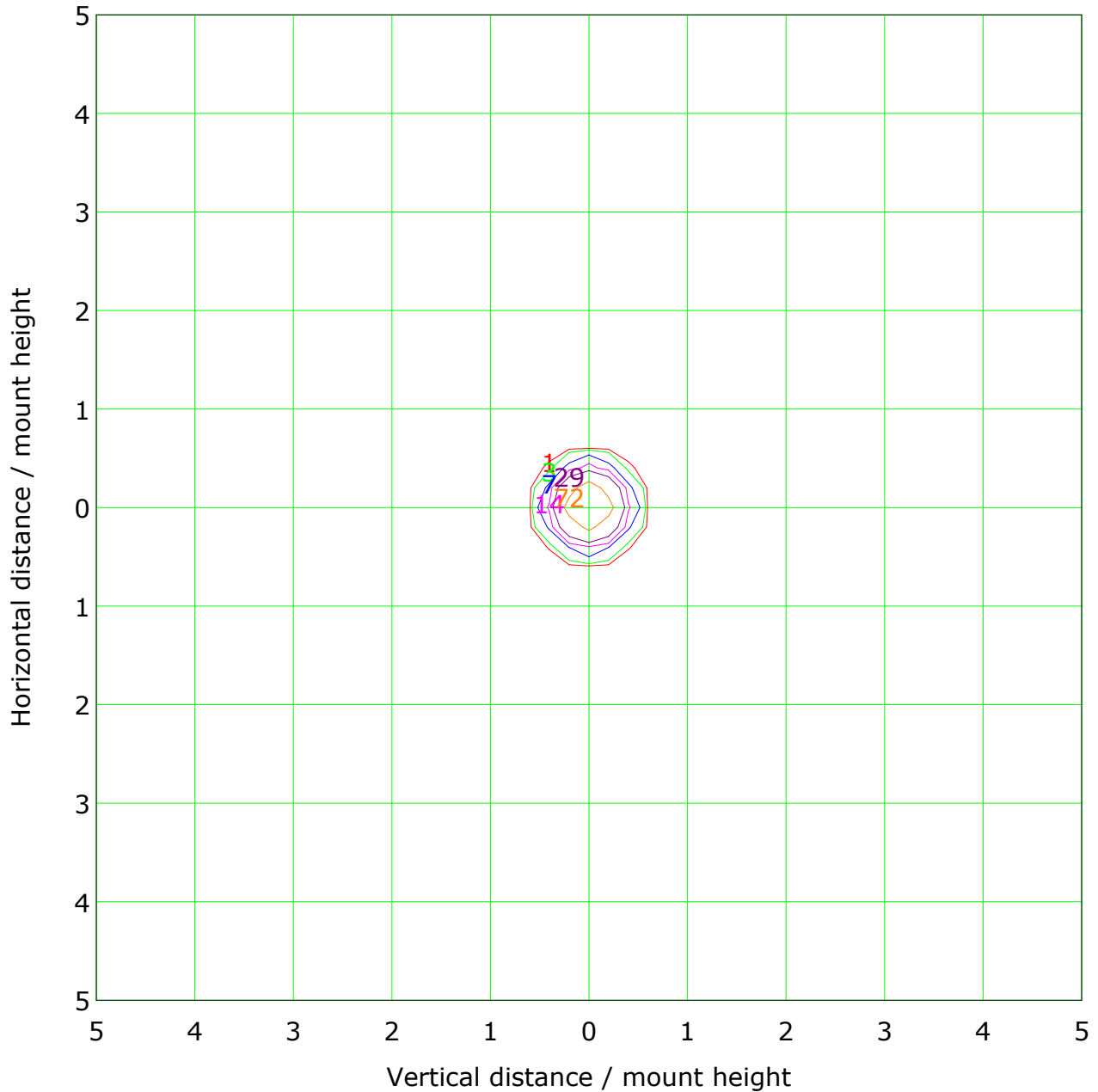
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 144 lx
( 1%):	1 lx	( 2%): 3 lx
( 5%):	7 lx	( 10%): 14 lx
( 20%):	29 lx	( 50%): 72 lx
(100%):	144 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

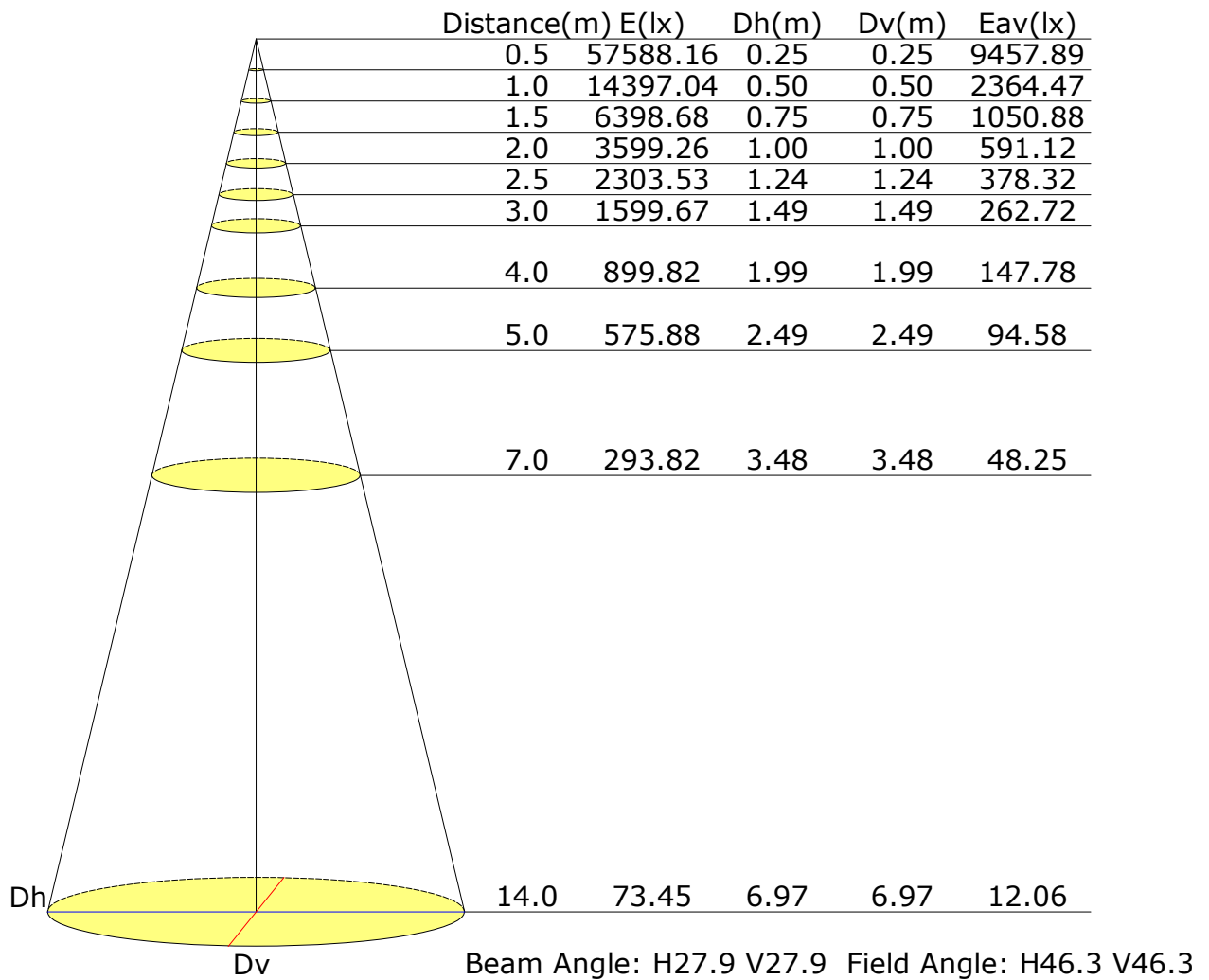
Test Device: CHL-6E

Distance: 3.000 m

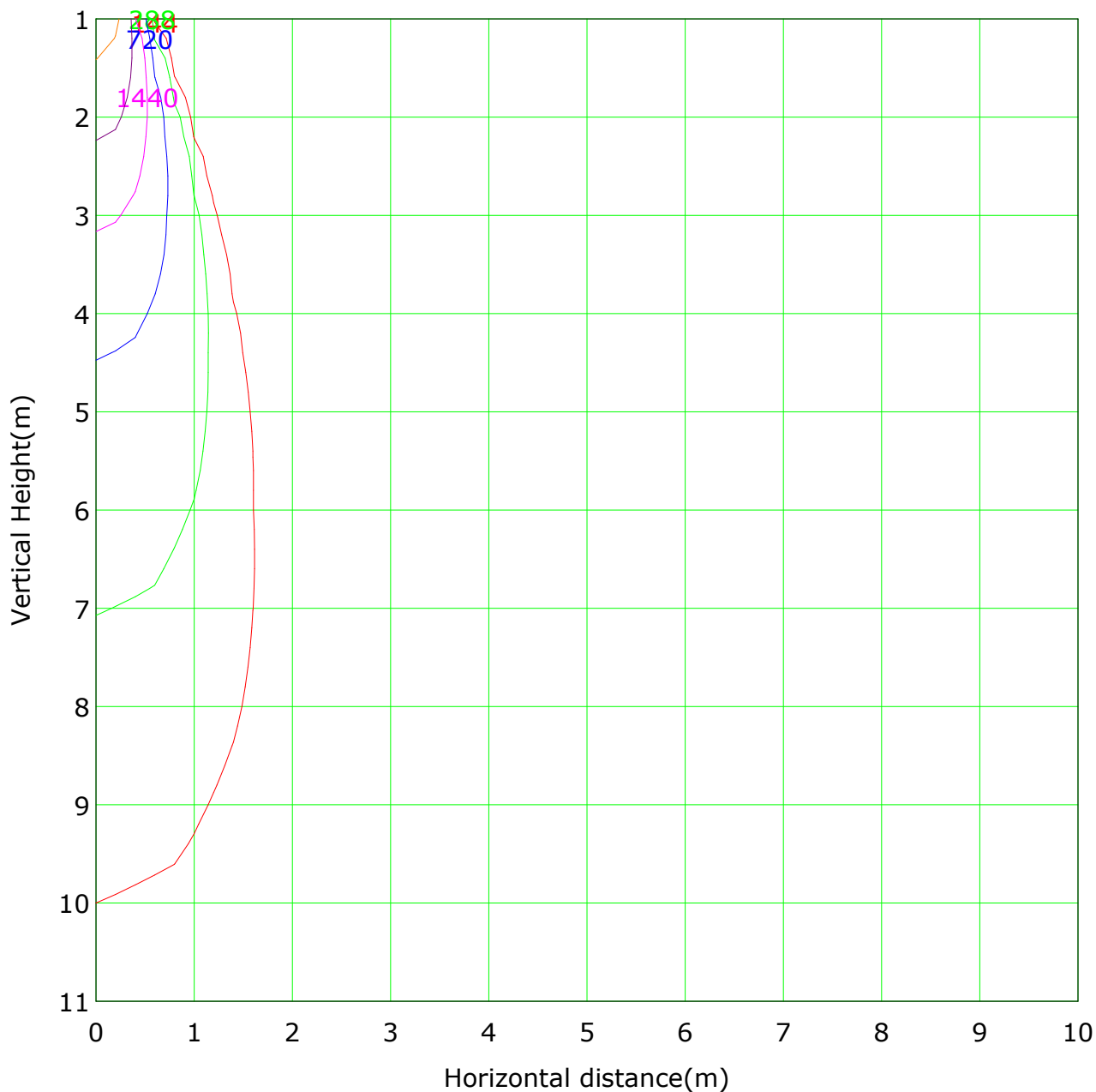
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



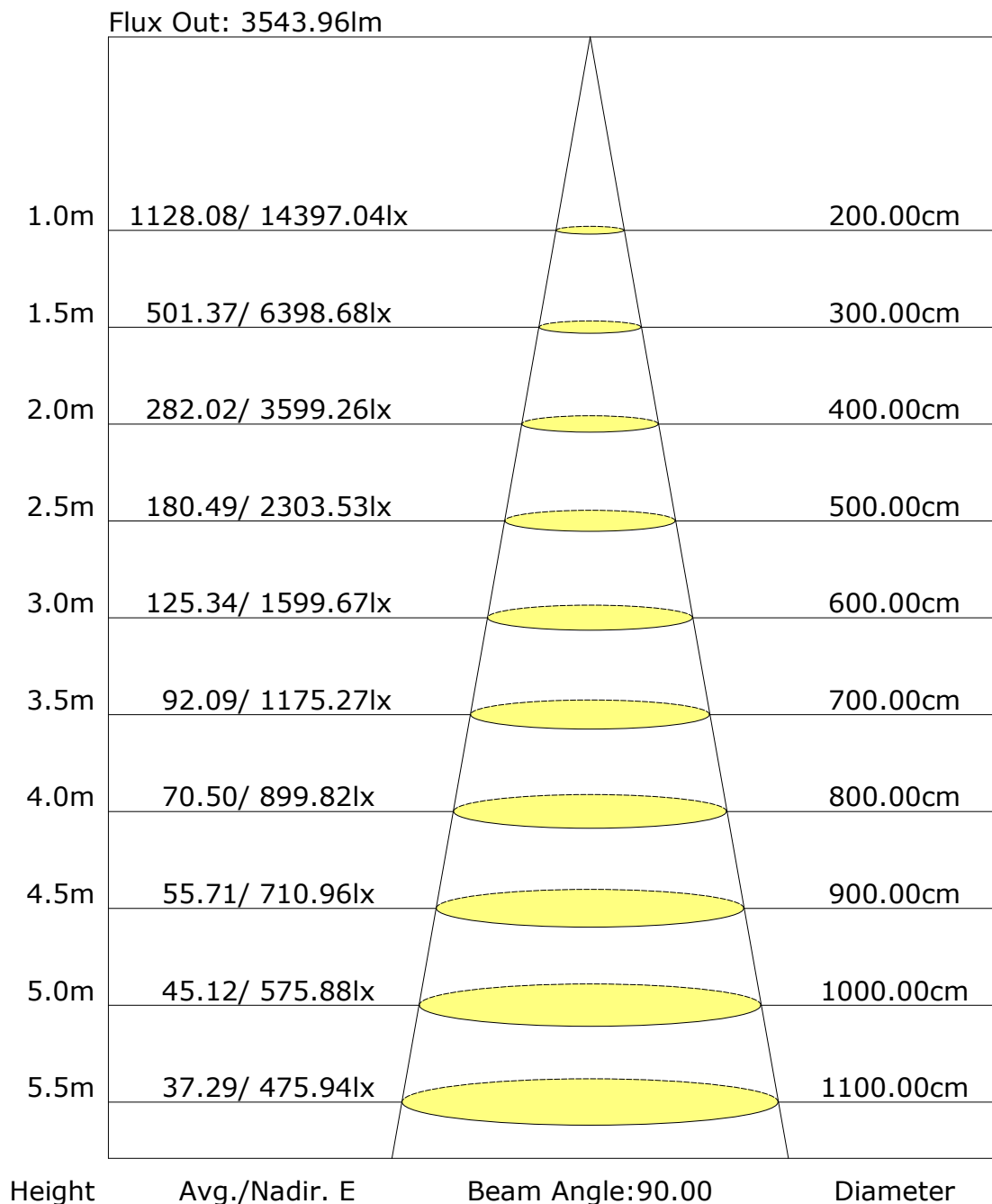
Lowest(m): 1m    Highest(m): 11    Max Lux: 14397

( 1%): 144 lx	( 2%): 288 lx
( 5%): 720 lx	( 10%): 1440 lx
( 20%): 2879 lx	( 50%): 7199 lx
(100%): 14397 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: