

Report No.:91.09012-Pendant Lighting Test Time: 2023-06-27 17:15

## Luminaire Property

Luminaire Category: Citizen 1206 3000K CRI90

Luminaire Description: 15D

Current: 0.171 A

Power Factor: 0.974

Voltage: 215.1 V

Power: 36.10 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 3458 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H15.4

Vertical Diffuse Angle(50%): V15.4

Luminaire Efficacy Rating (LER): 96

Max. Intensity: 33903.18 cd

Total Rated Lamp Lumens: 3458.0 lm

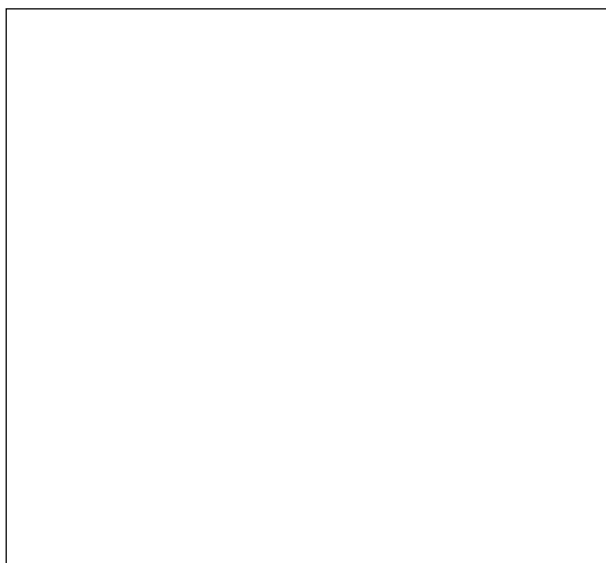
Efficiency: 100%

Upward Ratio: 0%

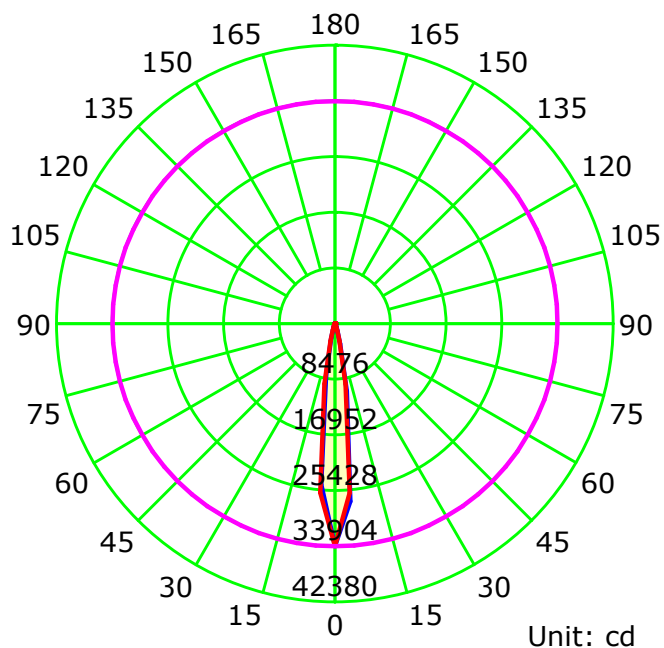
Central Intensity: 33903.18 cd

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

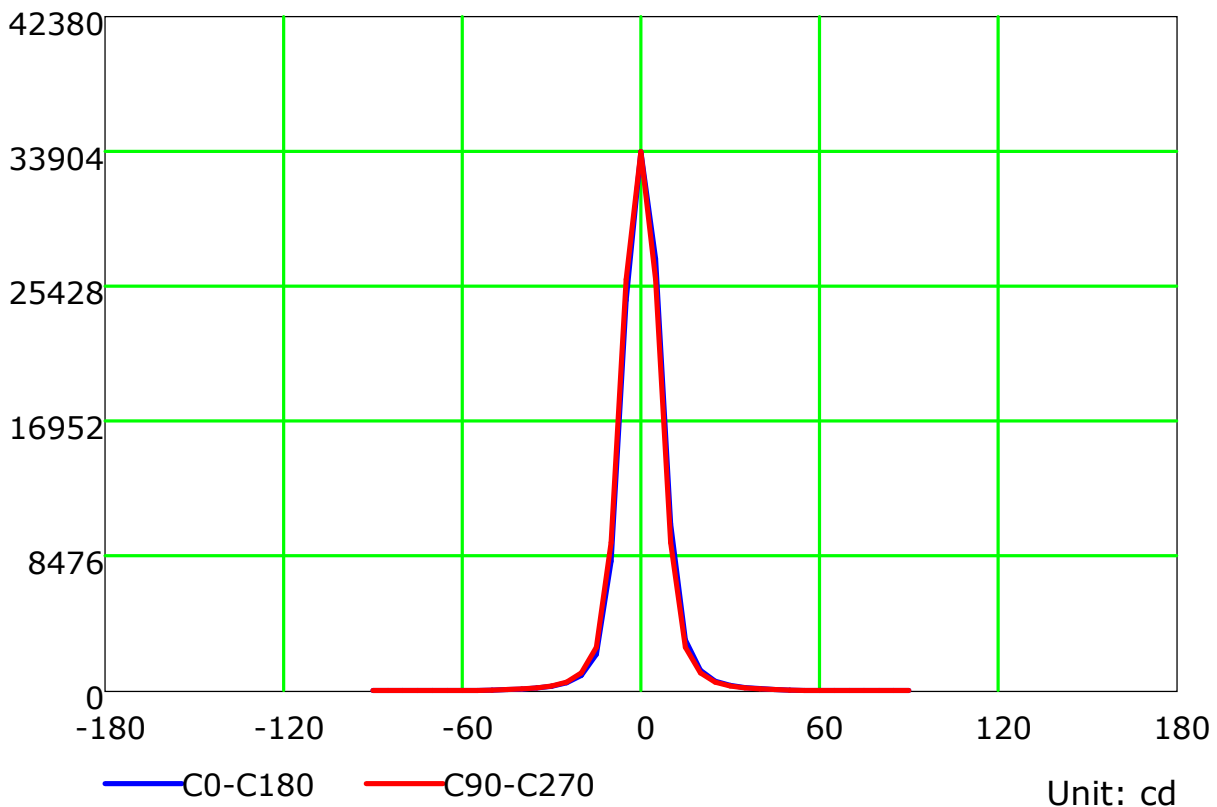
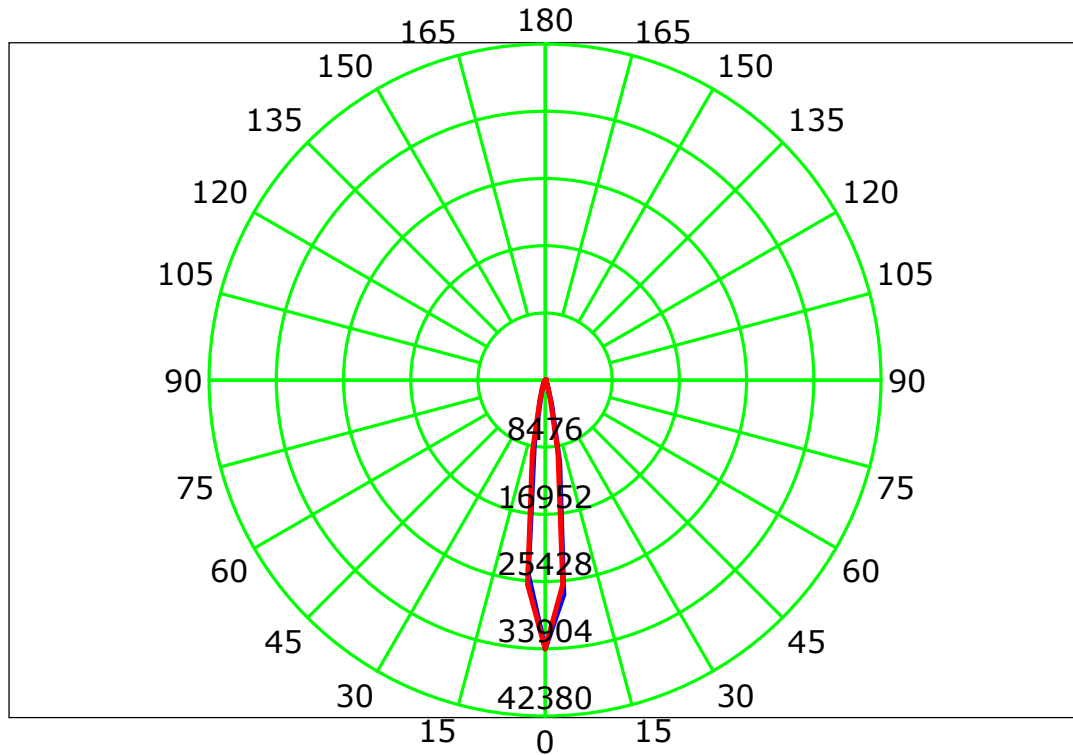
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

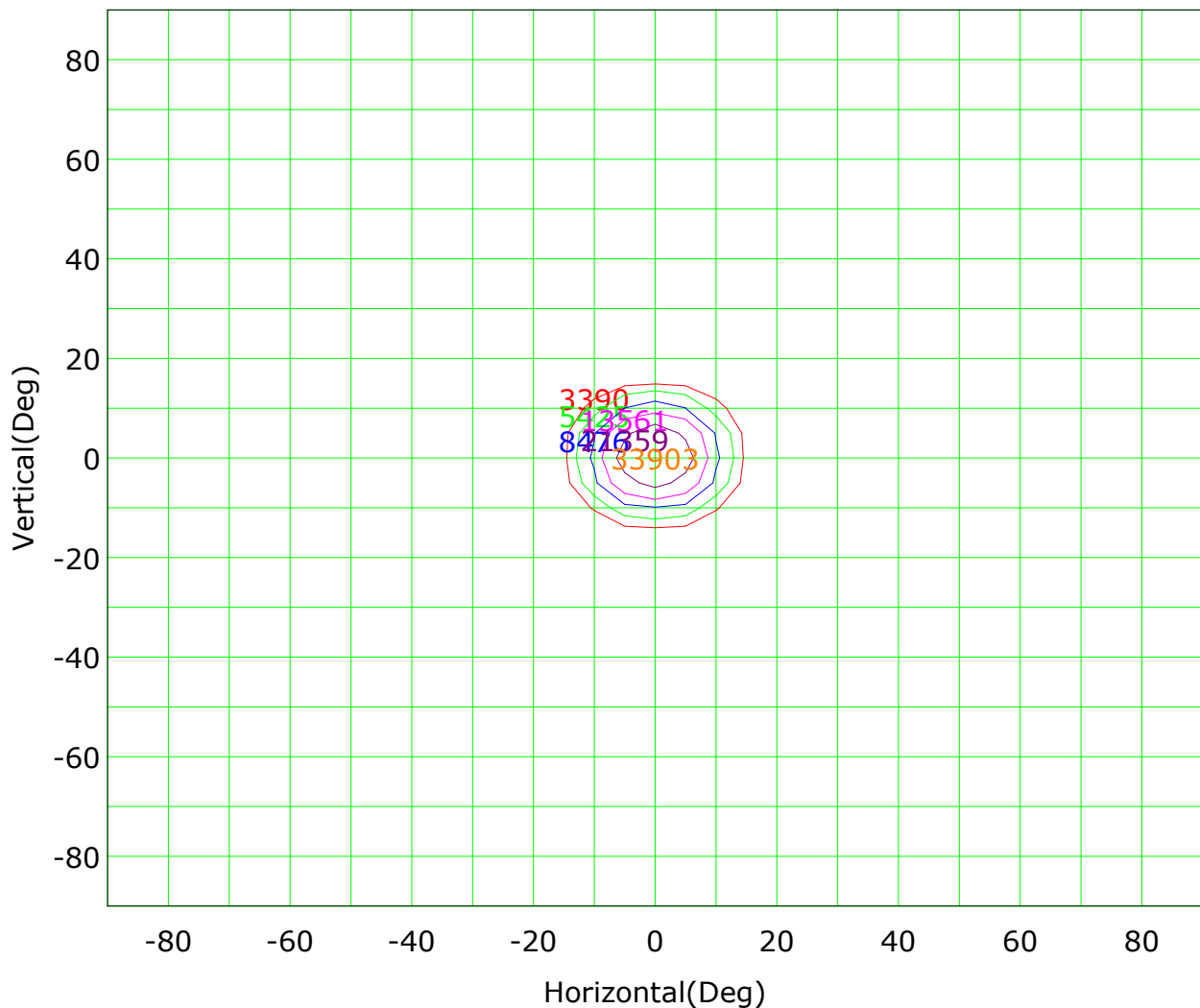
## Luminous Intensity Distribution Curve



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%): 33903 cd

( 10%): 3390 cd	( 16%): 5425 cd
( 25%): 8476 cd	( 40%): 13561 cd
( 63%): 21359 cd	(100%): 33903 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

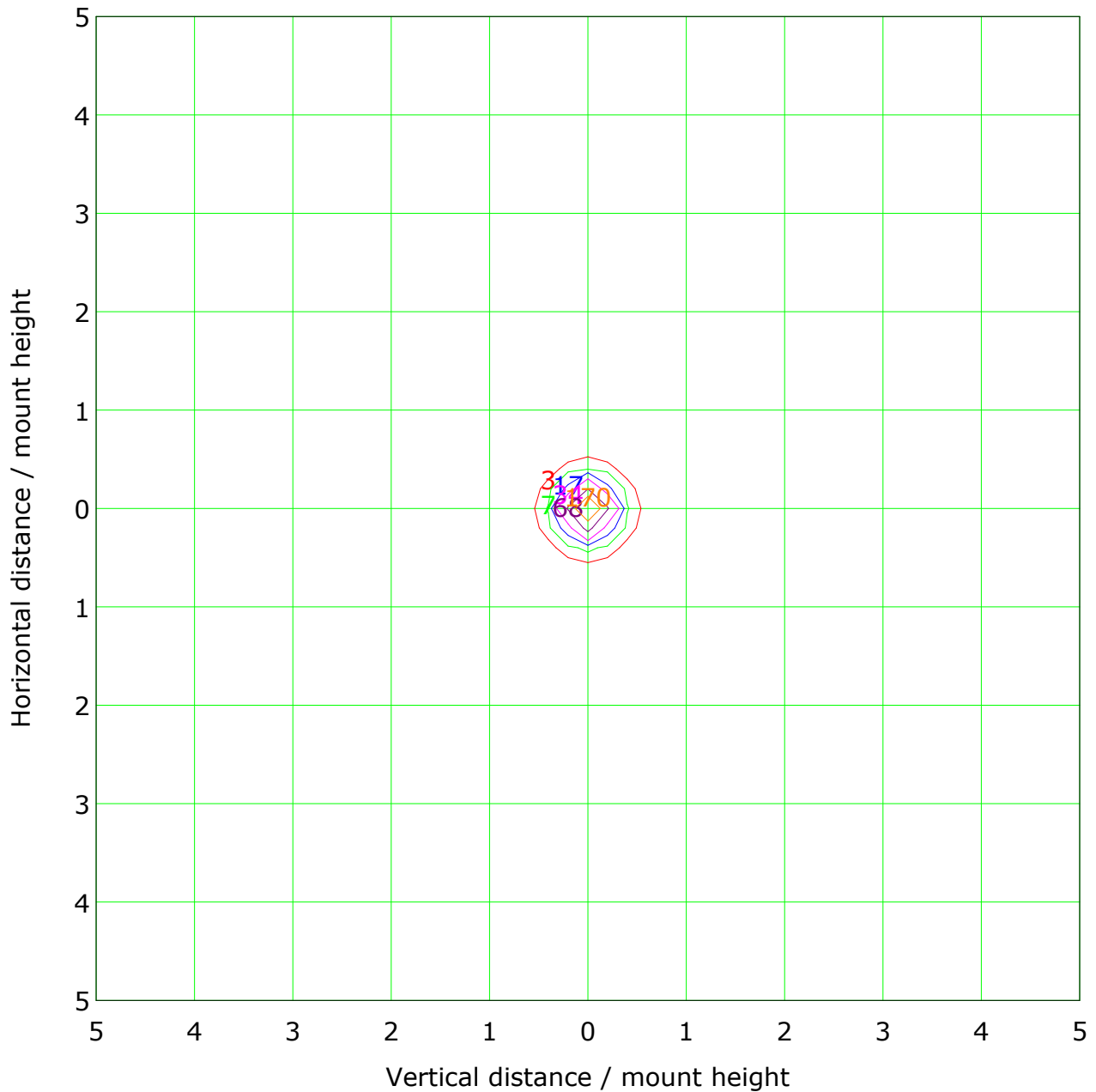
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 339 lx	
( 1%):	3 lx	( 2%):	7 lx
( 5%):	17 lx	( 10%):	34 lx
( 20%):	68 lx	( 50%):	170 lx
(100%):	339 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

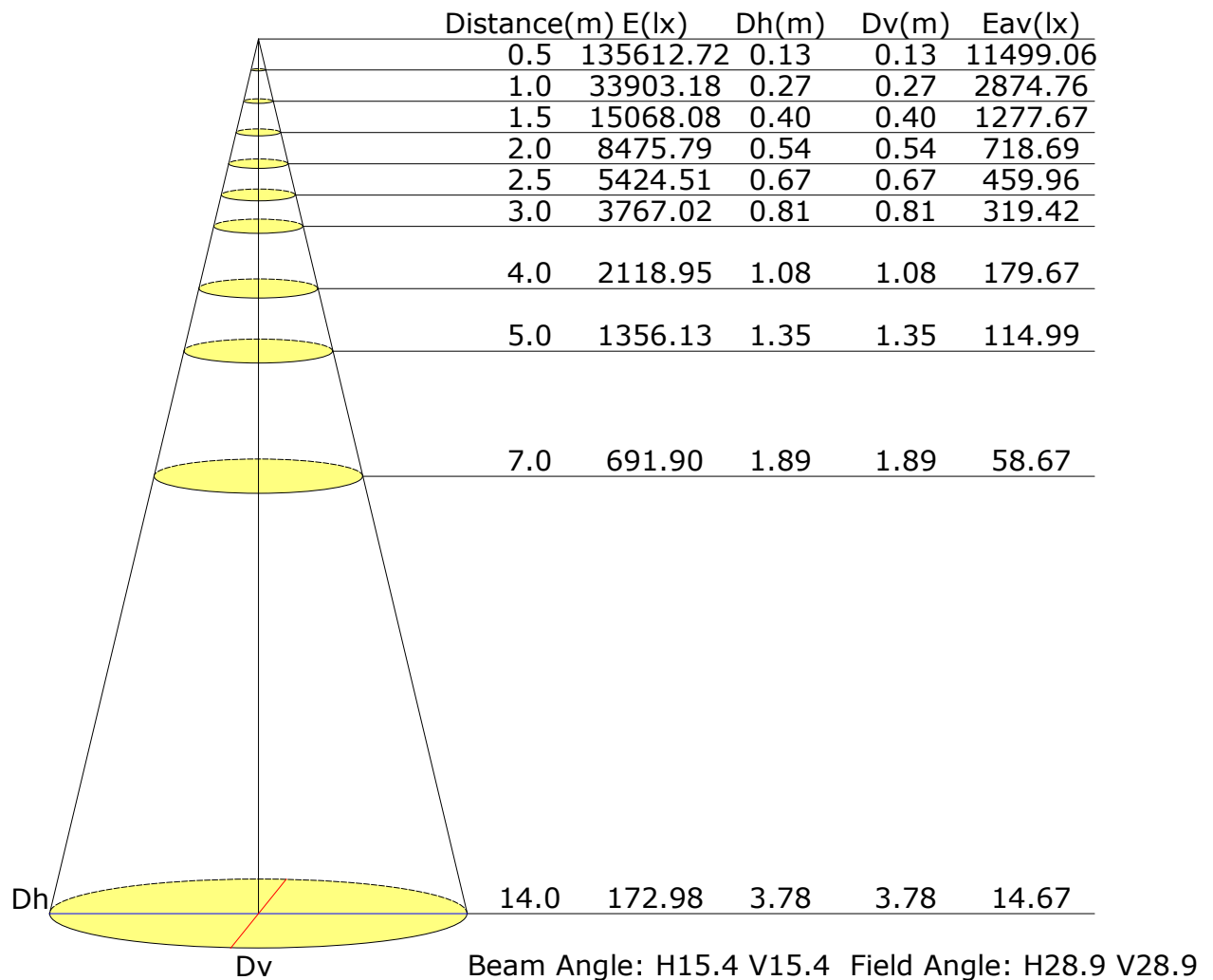
Test Device: CHL-6E

Distance: 3.000 m

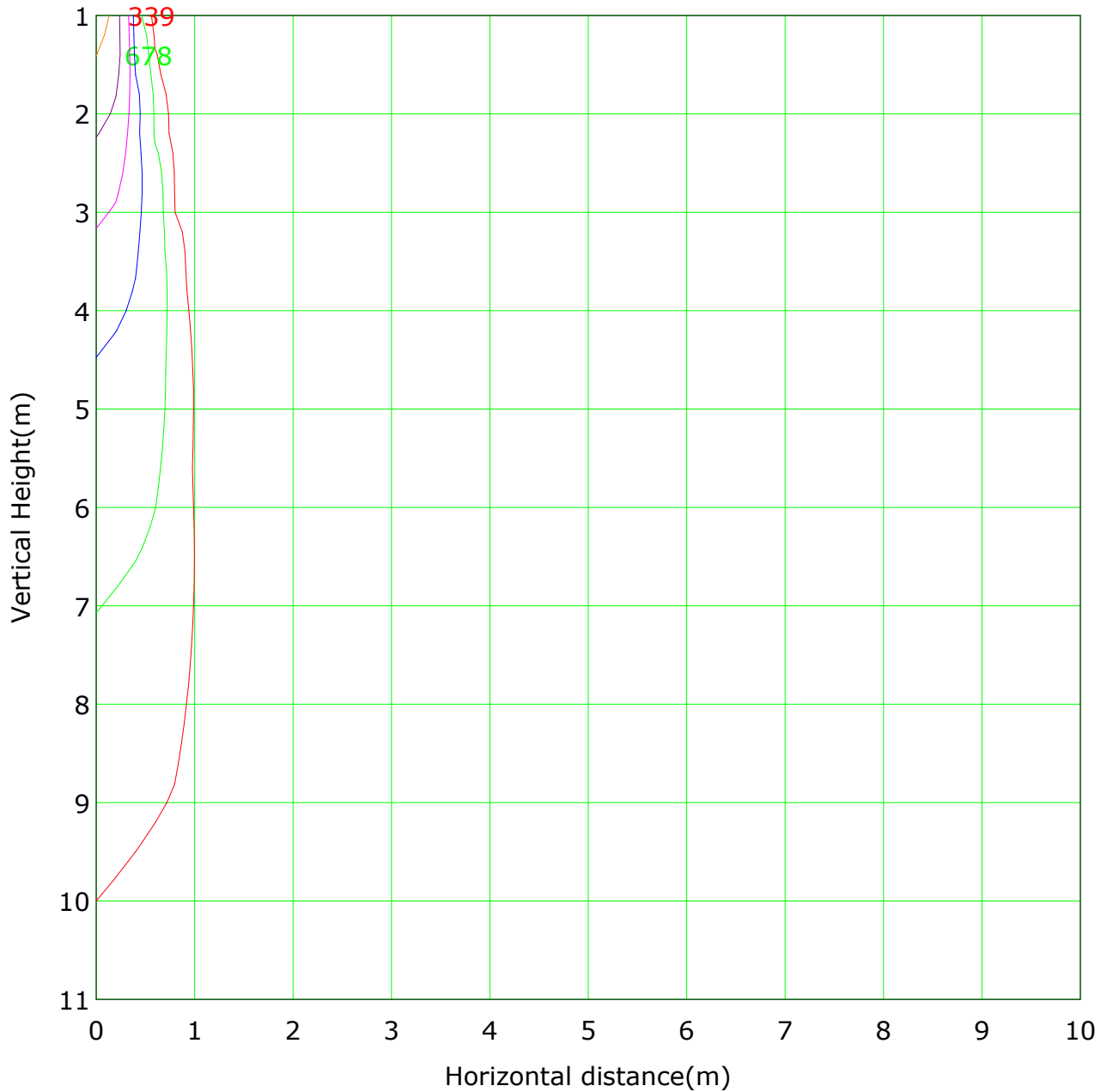
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot

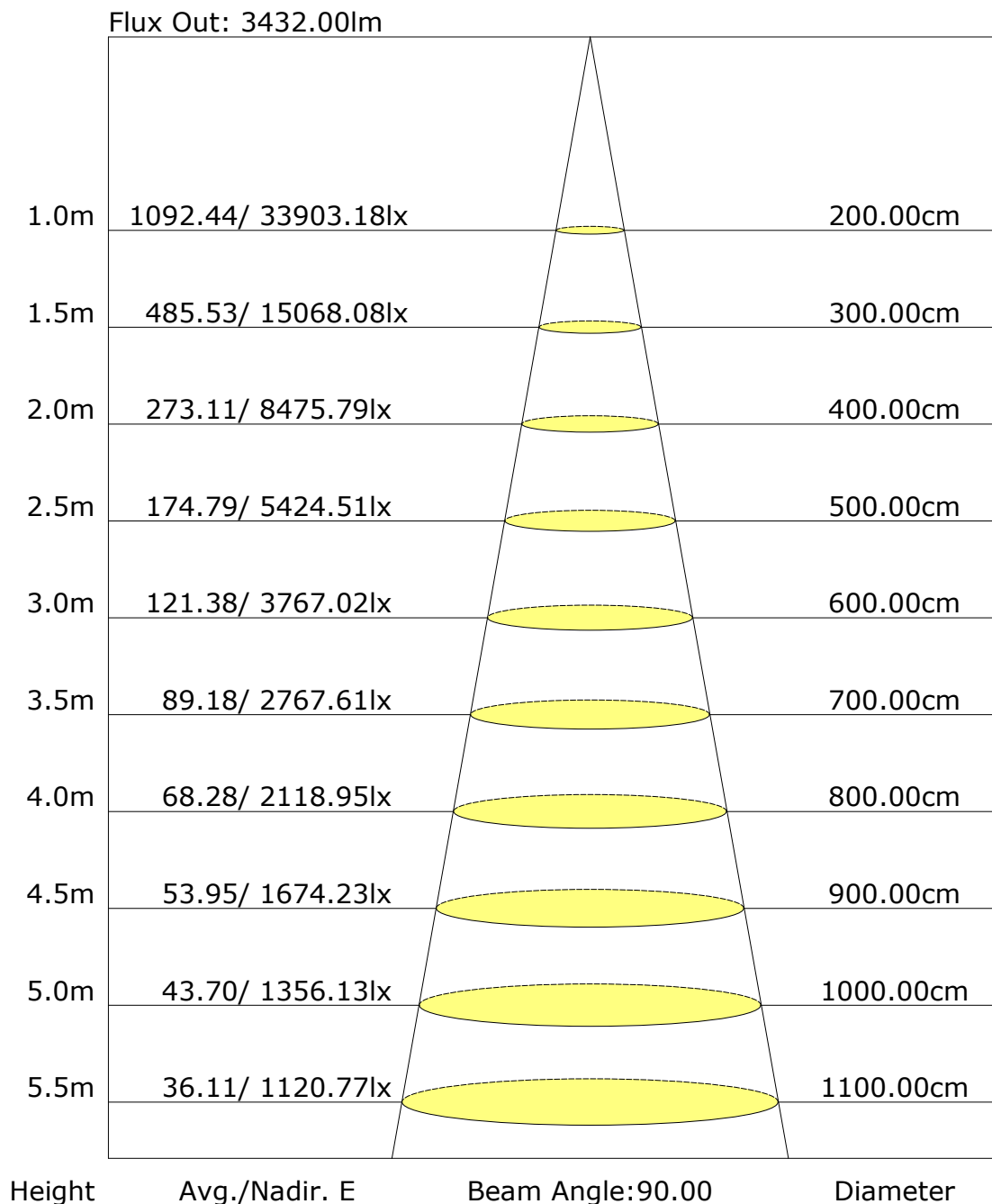


Lowest(m): 1m    Highest(m): 11    Max Lux: 33903  
— ( 1%): 339 lx                      — ( 2%): 678 lx  
— ( 5%): 1695 lx                      — ( 10%): 3390 lx  
— ( 20%): 6781 lx                      — ( 50%): 16952 lx  
— (100%): 33903 lx

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: