

Report No.: 62.05512 FOS Tracklight

Test Time: 2023-07-07 22:56

## Luminaire Property

Luminaire Category: Citizen 1204 3000K CRI90

Luminaire Description: 32D

Current: 0.231 A

Power Factor: 0.547

Voltage: 217.3 V

Power: 27.50 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 1876.4 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H31.8

Vertical Diffuse Angle(50%): V31.8

Luminaire Efficacy Rating (LER): 68

Max. Intensity: 6331.38 cd

Total Rated Lamp Lumens: 1876.4 lm

Efficiency: 100%

Upward Ratio: 0%

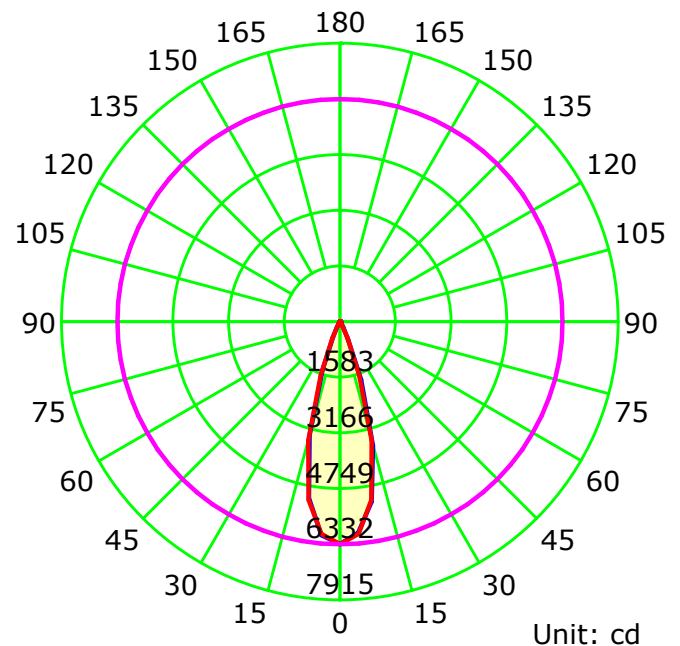
Central Intensity: 6331.38 cd

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

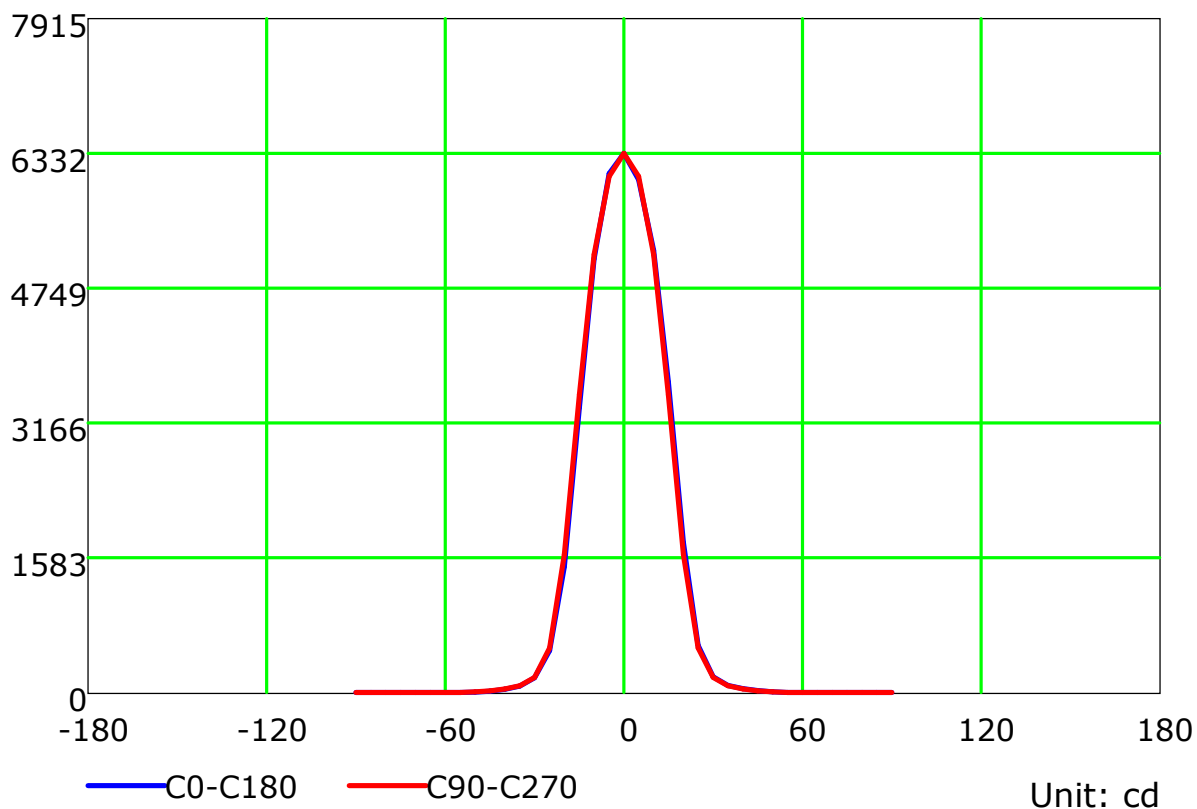
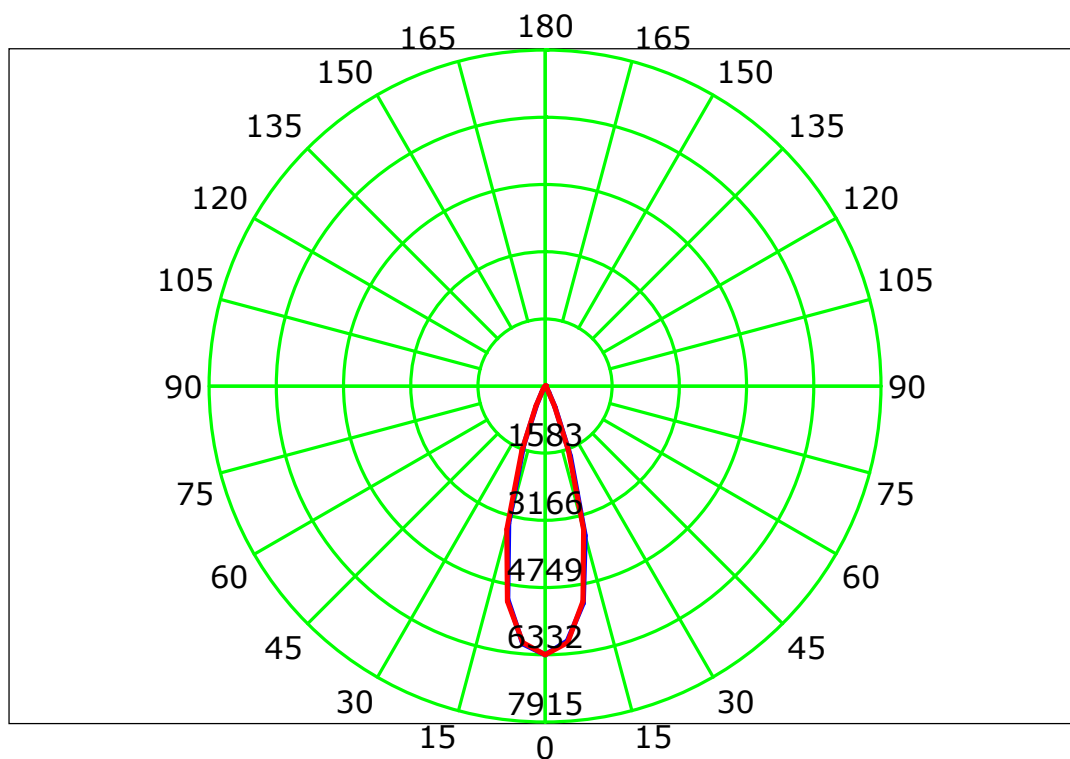
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

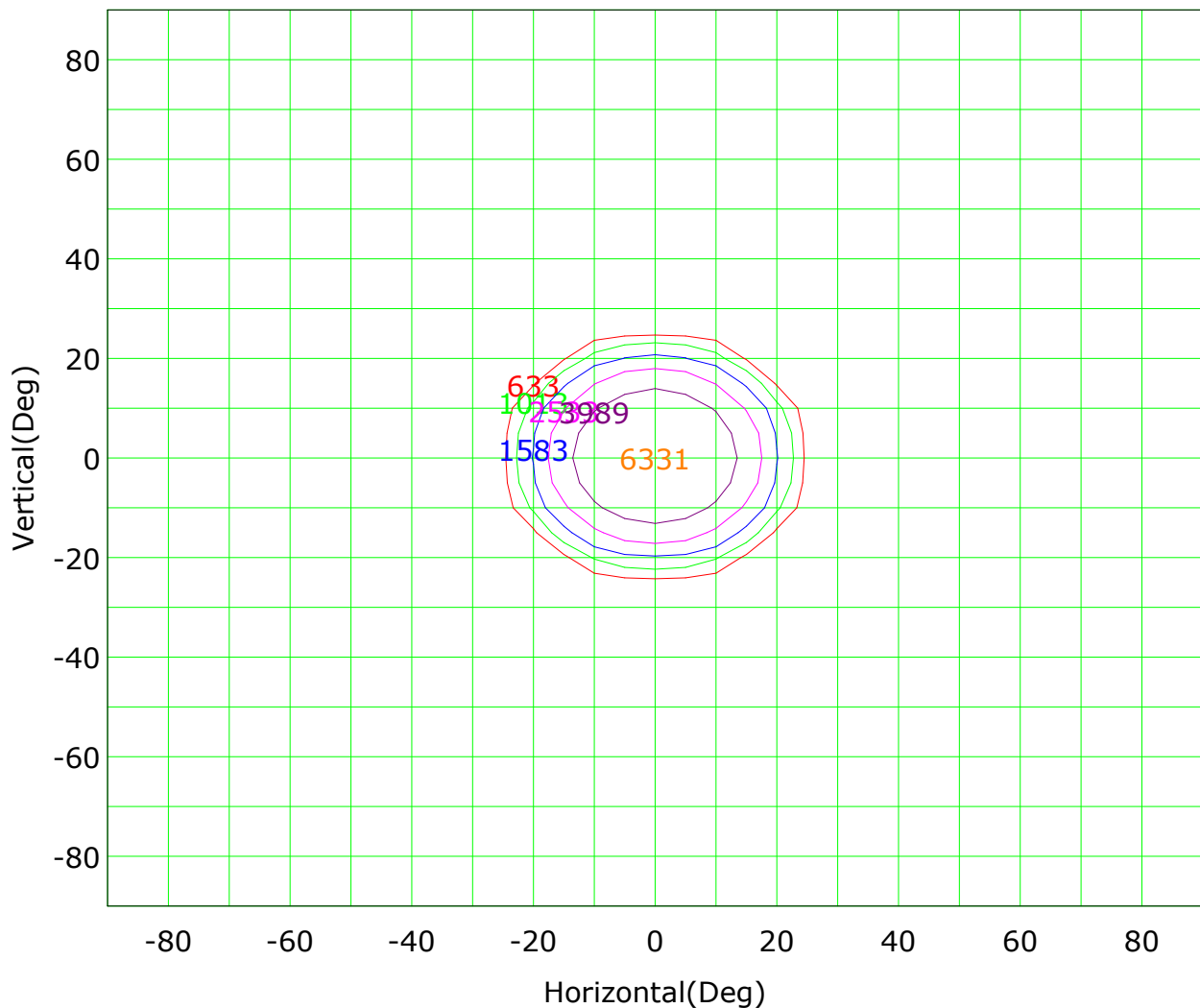
## Luminous Intensity Distribution Curve



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%): 6331 cd

( 10%): 633 cd	( 16%): 1013 cd
( 25%): 1583 cd	( 40%): 2533 cd
( 63%): 3989 cd	(100%): 6331 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

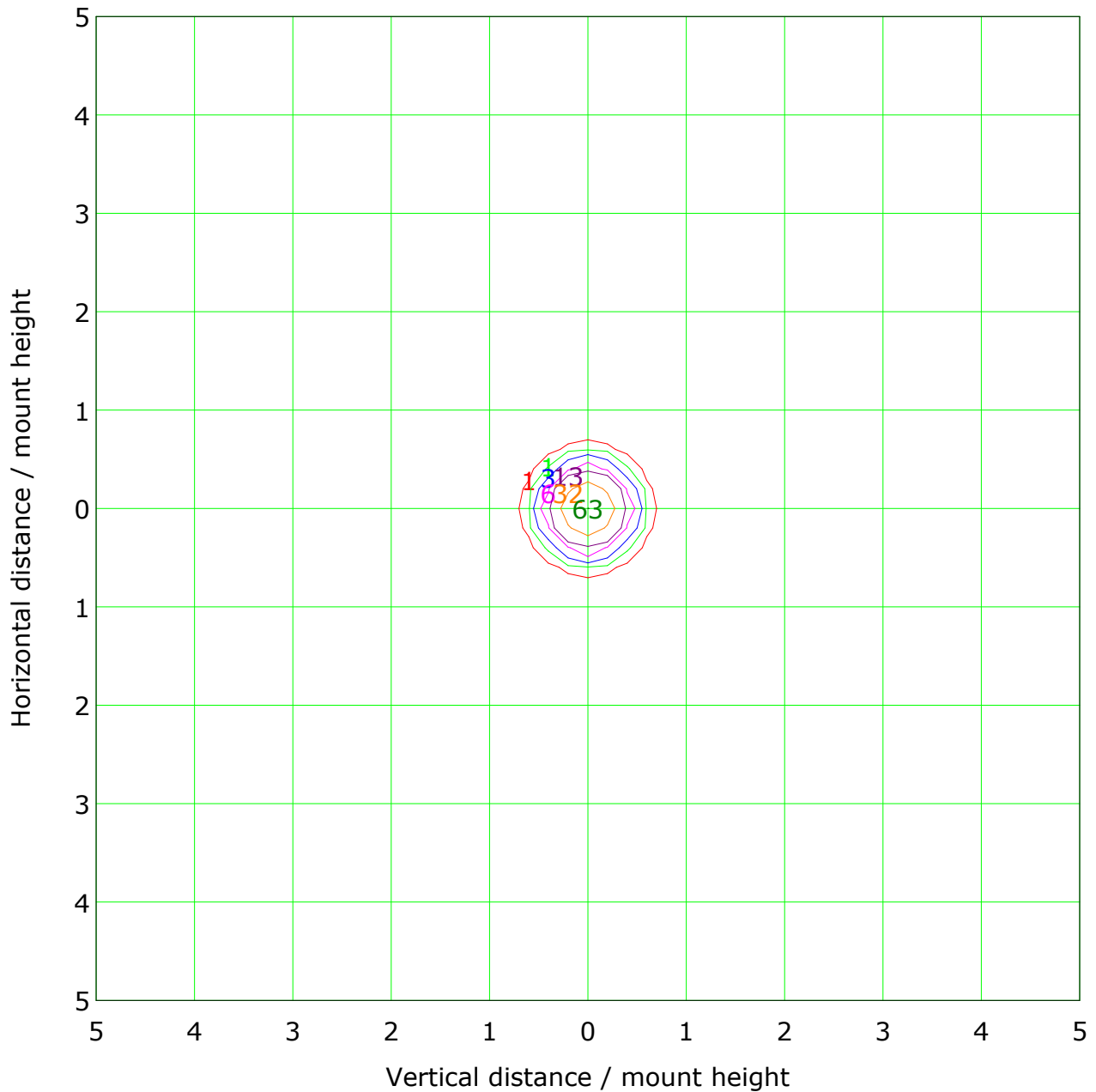
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

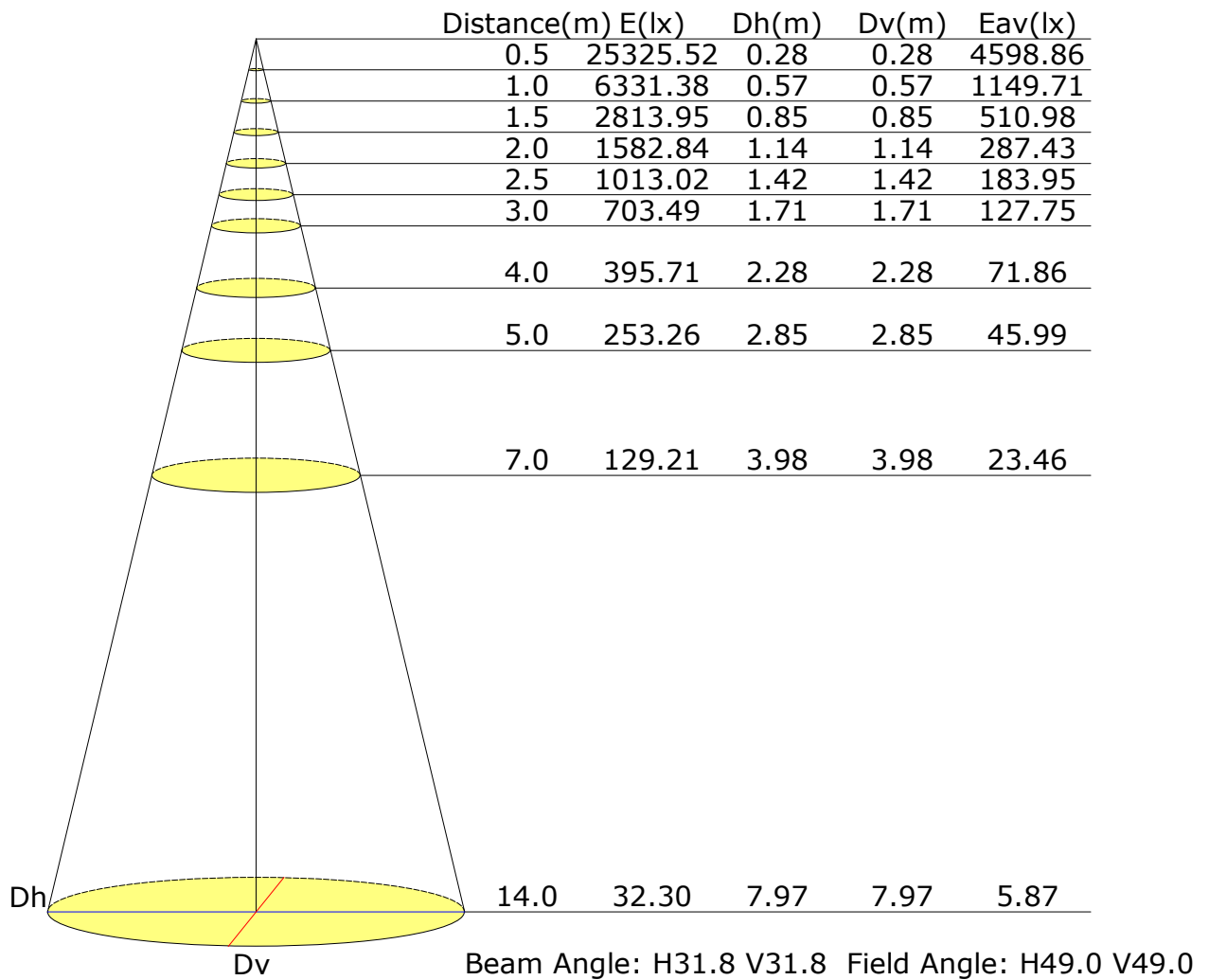


Mounting Height: 10m		Max Lux(100%): 63 lx	
( 1%):	1 lx	( 2%):	1 lx
( 5%):	3 lx	( 10%):	6 lx
( 20%):	13 lx	( 50%):	32 lx
(100%):	63 lx		

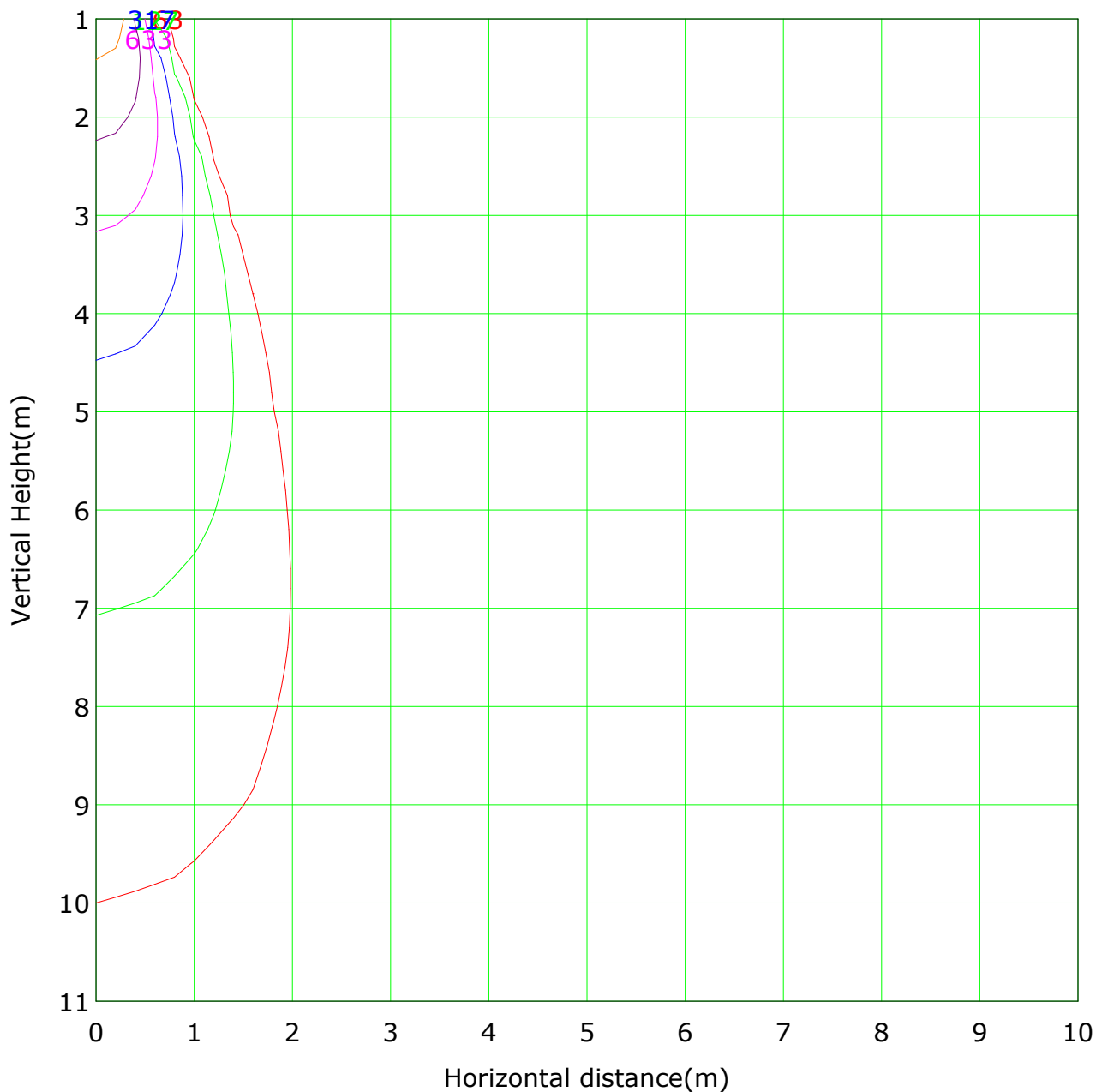
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



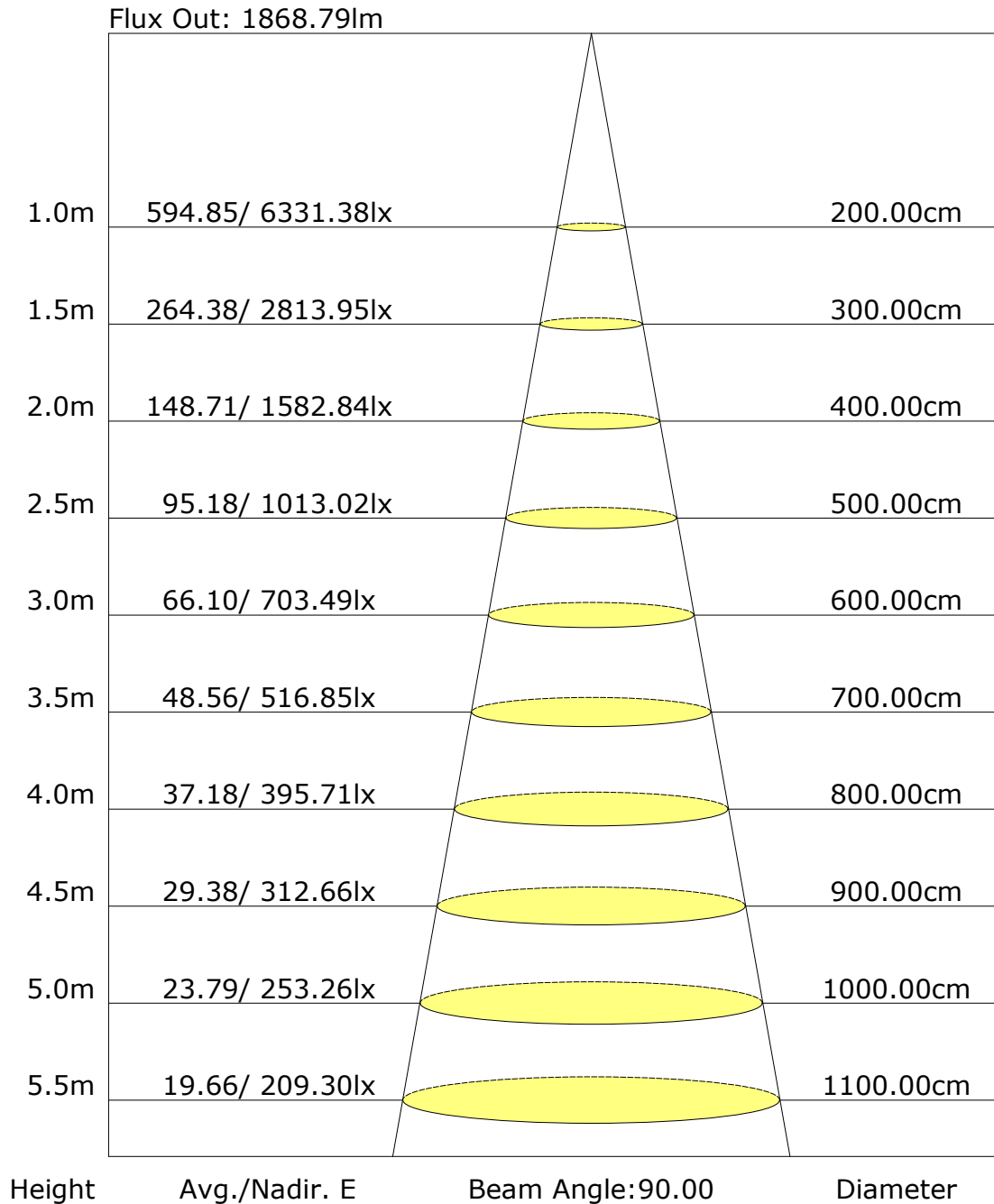
Lowest(m): 1m    Highest(m): 11    Max Lux: 6331

( 1%): 63 lx	( 2%): 127 lx
( 5%): 317 lx	( 10%): 633 lx
( 20%): 1266 lx	( 50%): 3166 lx
(100%): 6331 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: