

Report No.:

Test Time: 2023-07-03 17:59

## Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Luminaire Description: 93.11611 50D

Voltage: 215.6 V

Current: 0.098 A

Power: 20.40 W

Power Factor: 0.966

## Photometric Results

CIE Class: Direct

Measurement Flux: 1673.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H49.9

Vertical Diffuse Angle(50%): V49.9

Luminaire Efficacy Rating (LER): 82

Max. Intensity: 2591.75 cd

Total Rated Lamp Lumens: 1673.9 lm

Efficiency: 100%

Upward Ratio: 0%

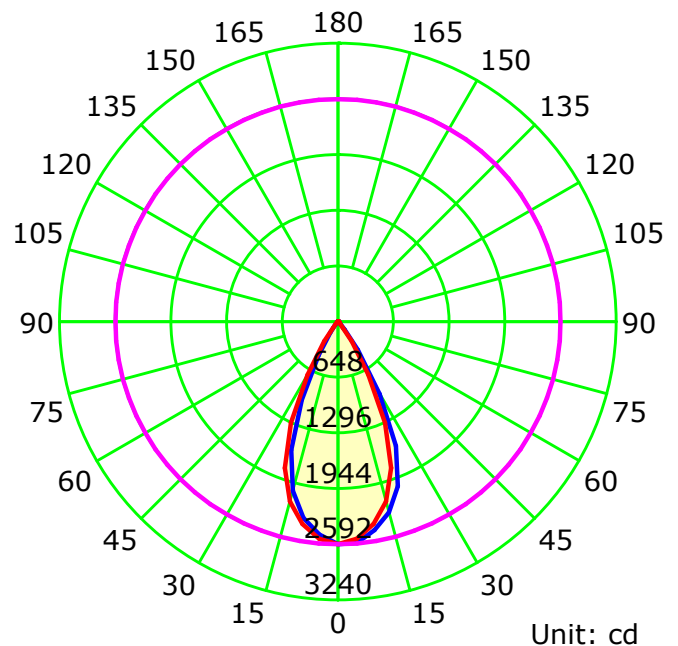
Central Intensity: 2591.75 cd

Pos of Max. Intensity: H0 V0

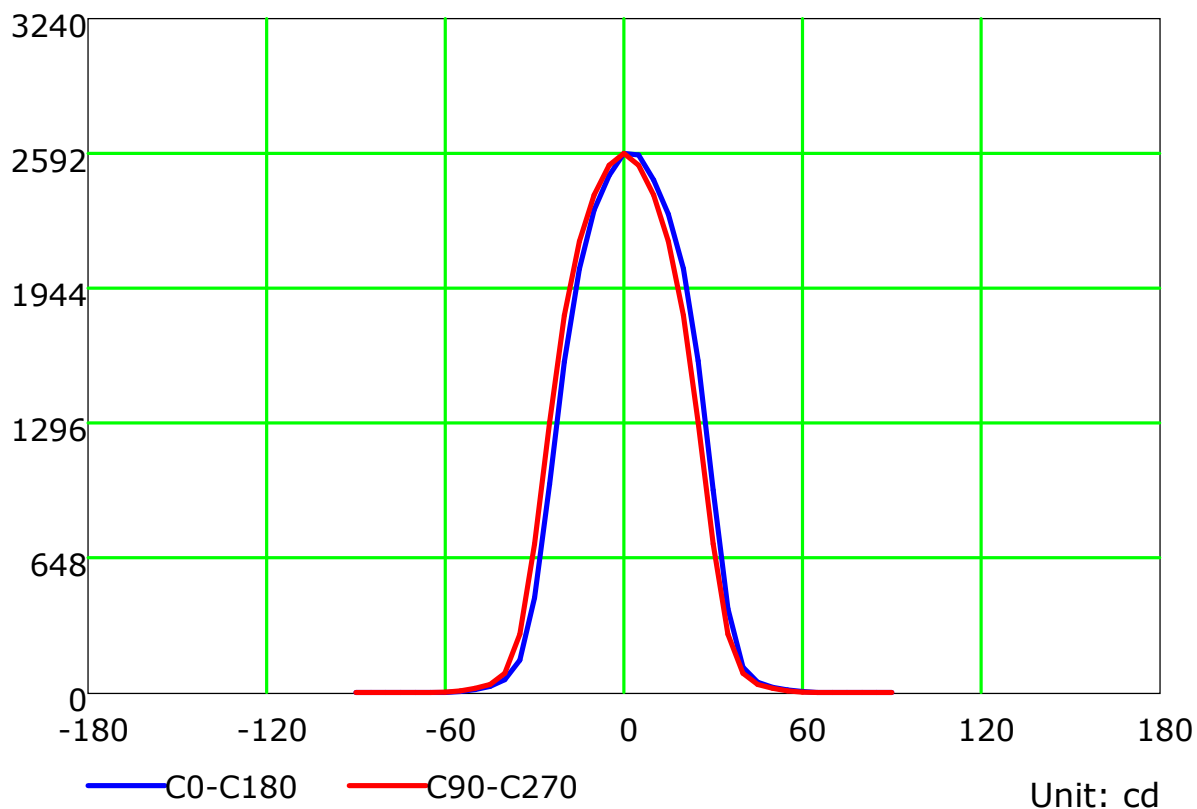
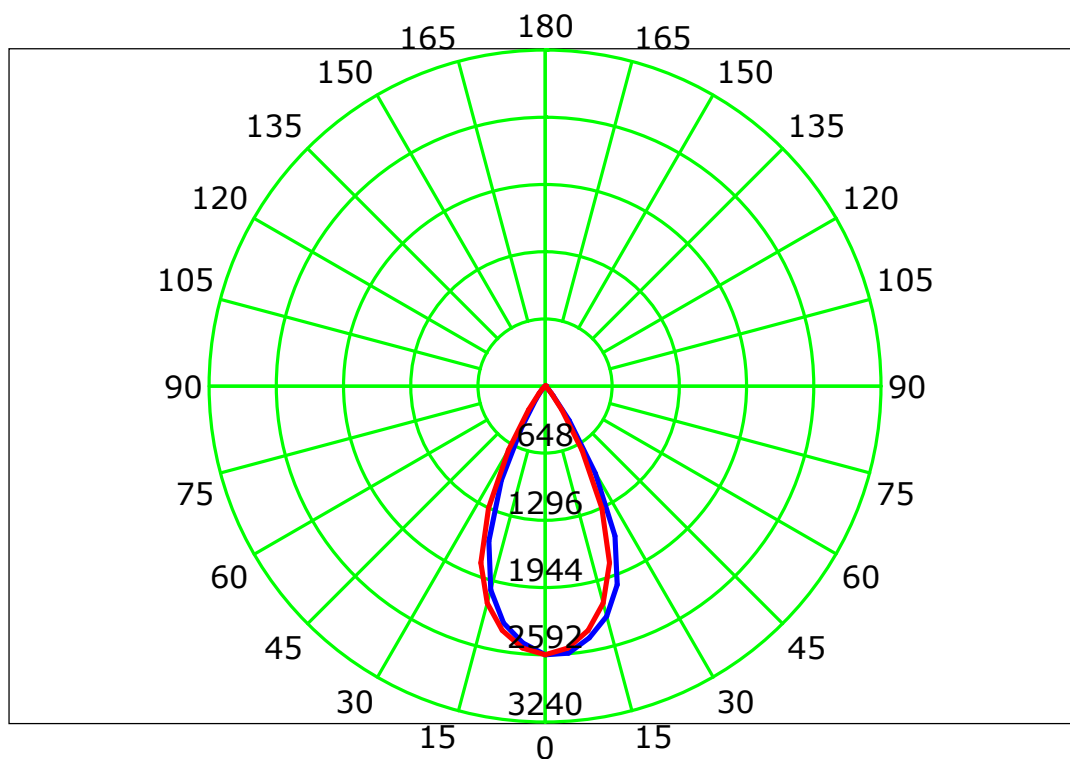
Picture Of Luminaire



Luminous Intensity Distribution Curve



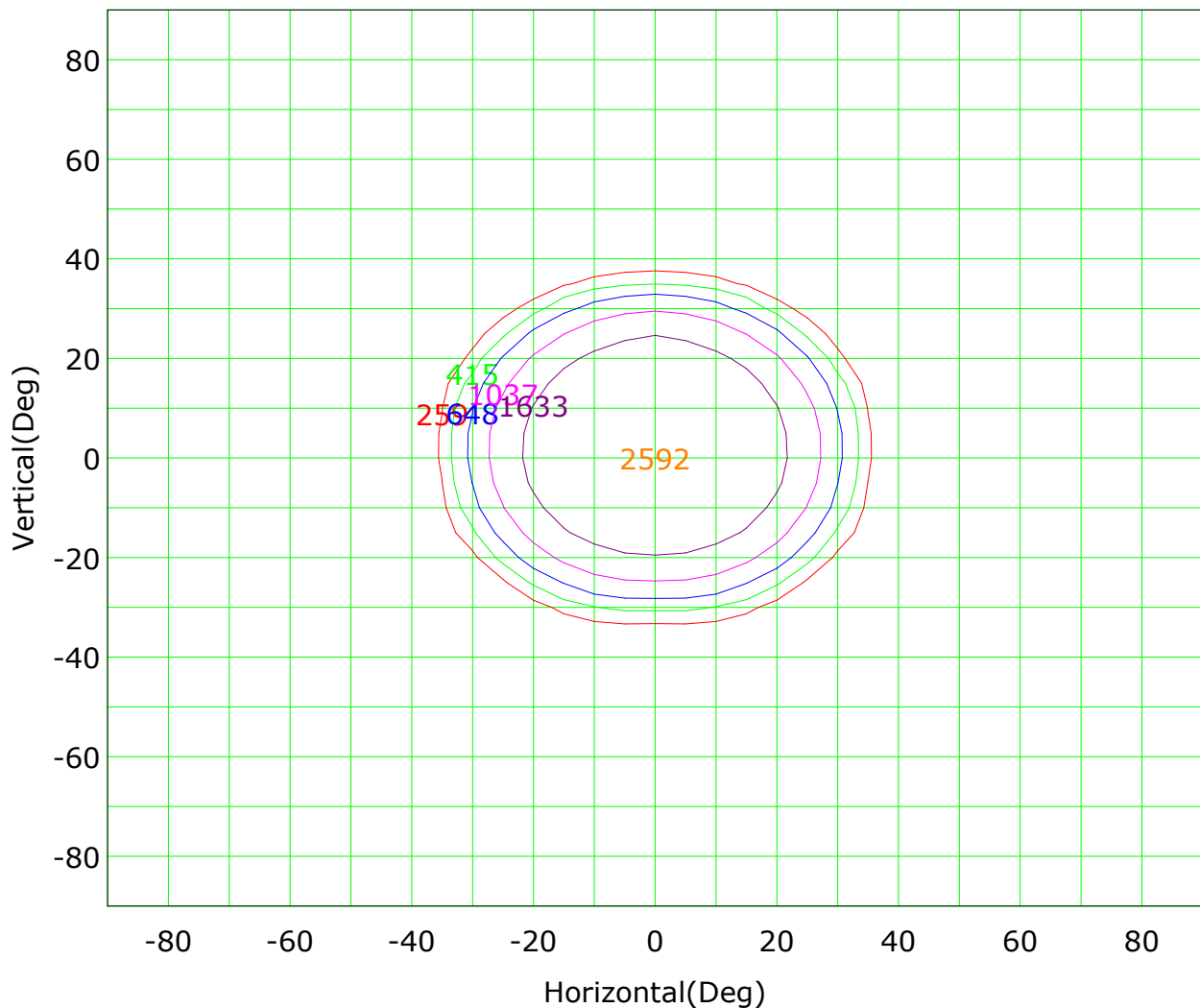
## Luminous Intensity Distribution Curve



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%): 2592 cd

( 10%): 259 cd	( 16%): 415 cd
( 25%): 648 cd	( 40%): 1037 cd
( 63%): 1633 cd	(100%): 2592 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

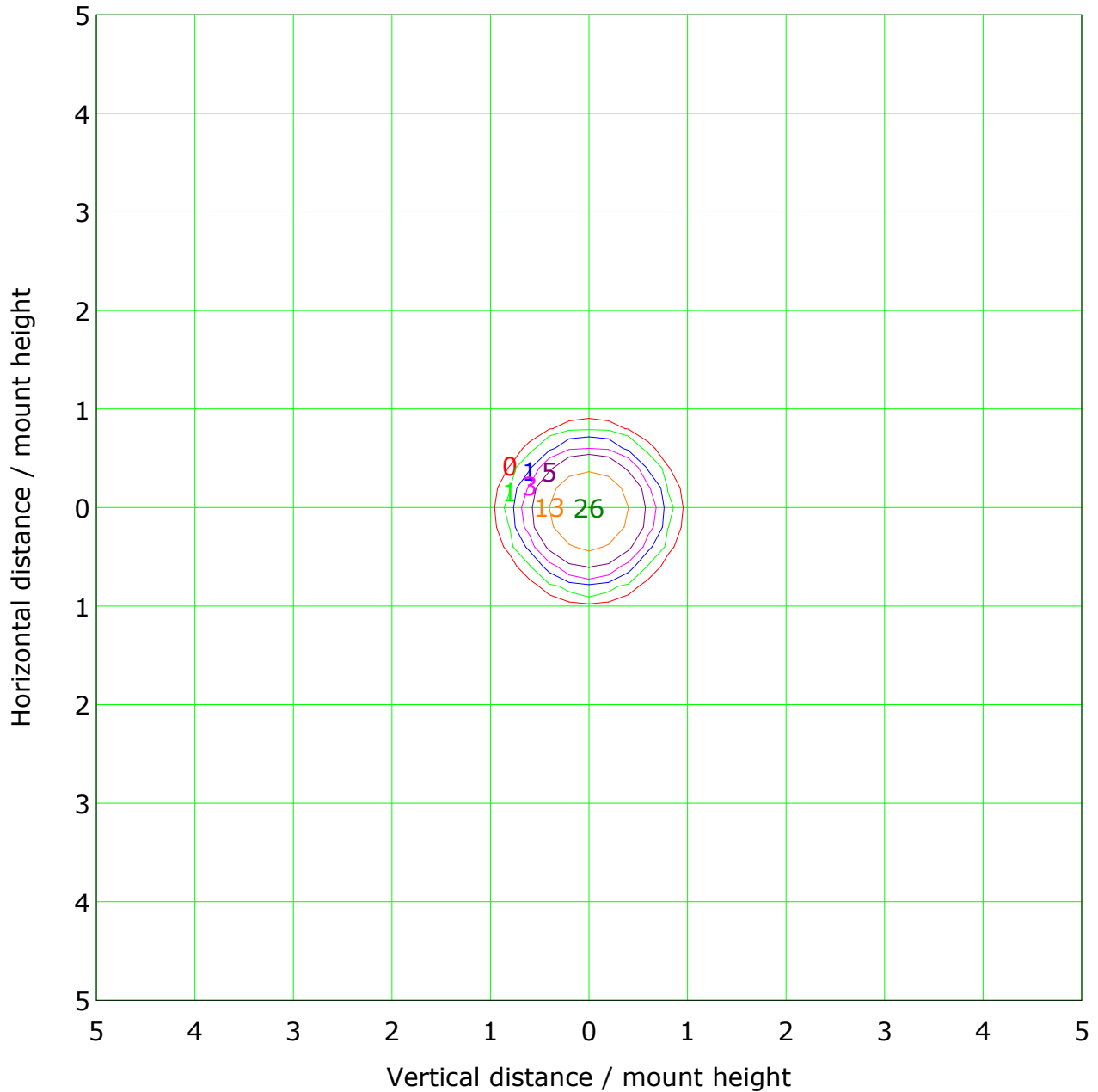
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

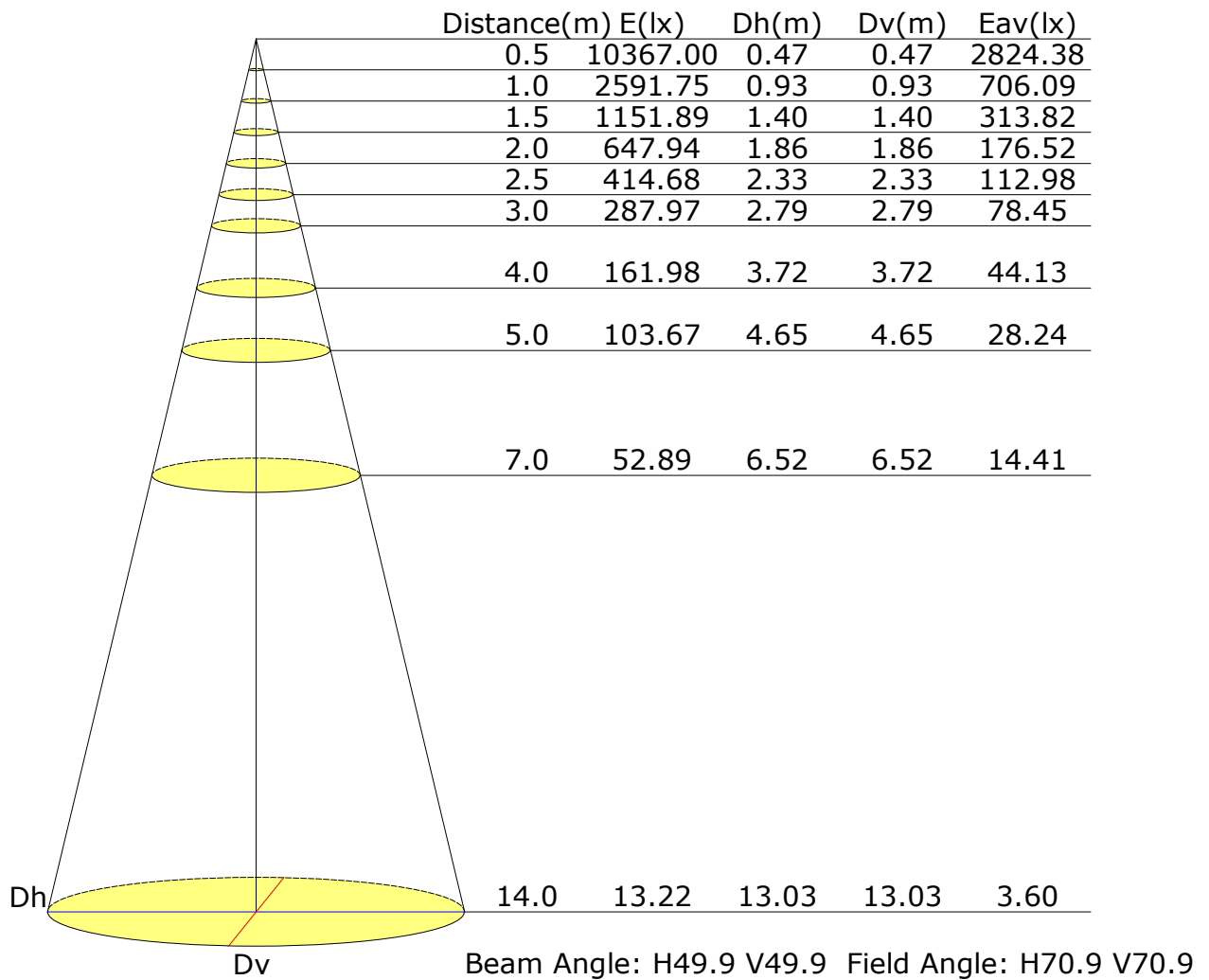


Mounting Height: 10m		Max Lux(100%): 26 lx	
( 1%):	0 lx	( 2%):	1 lx
( 5%):	1 lx	( 10%):	3 lx
( 20%):	5 lx	( 50%):	13 lx
(100%):	26 lx		

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



C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

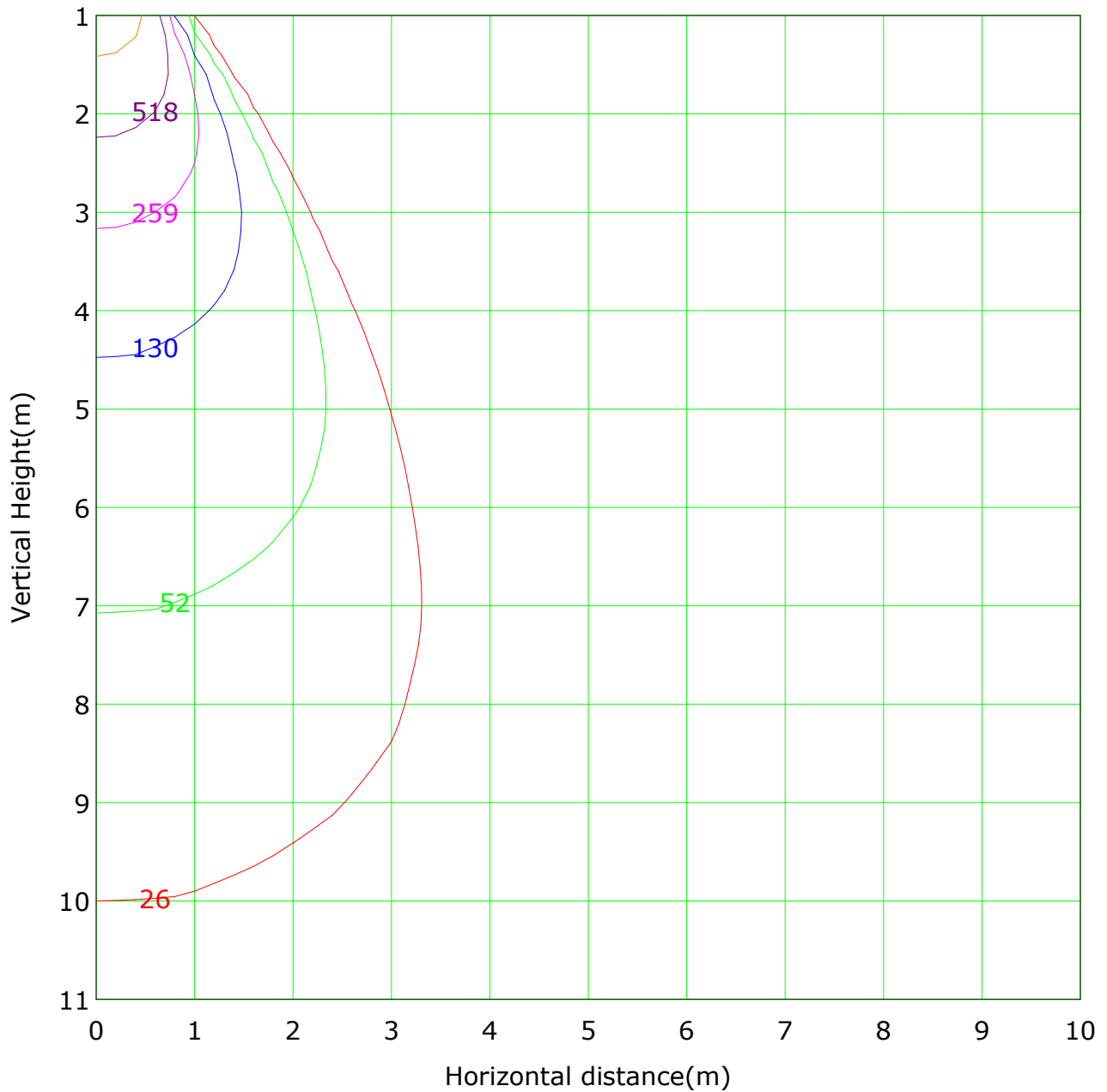
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Vertical IsoLux Plot



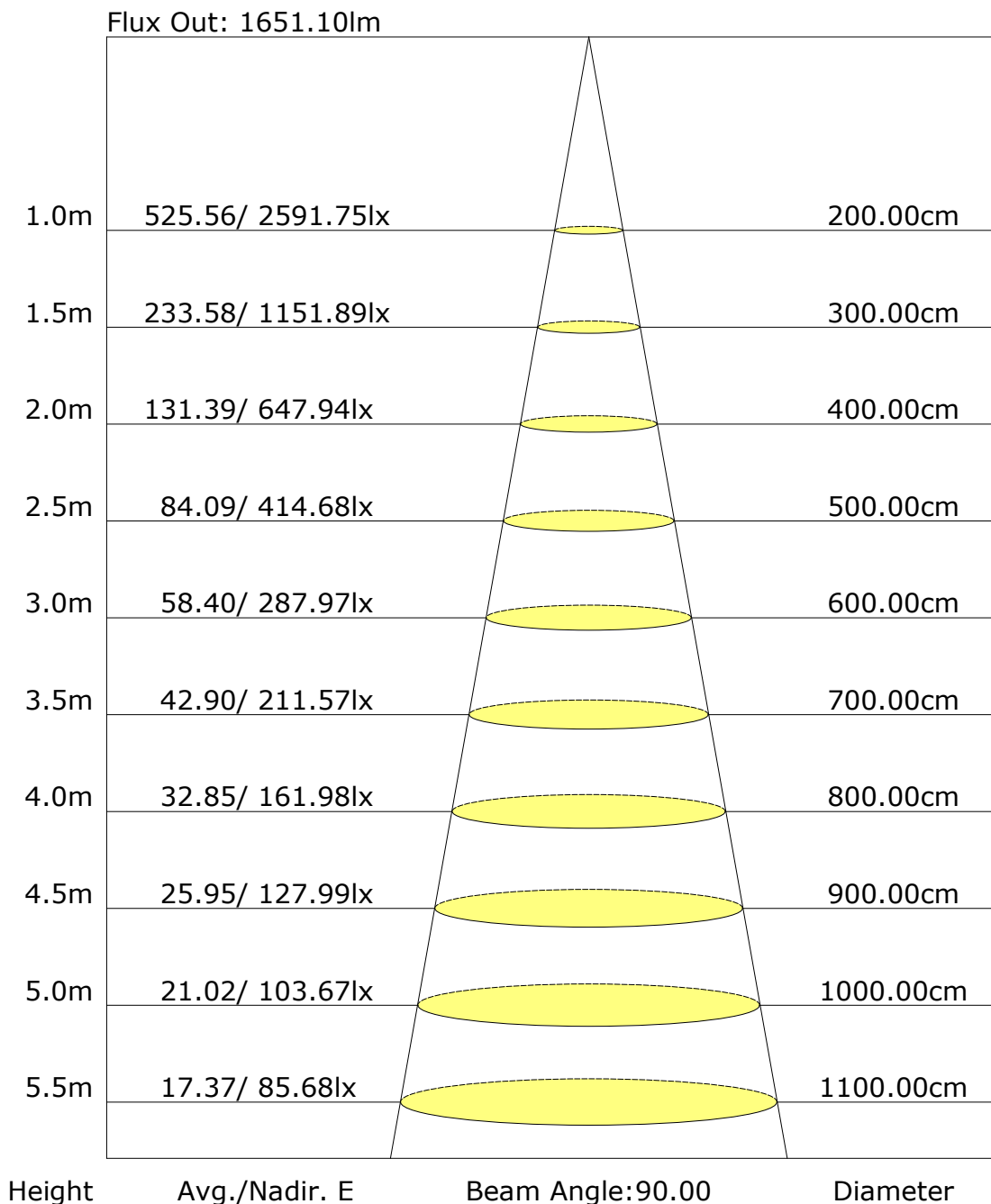
Lowest(m): 1m Highest(m): 11 Max Lux: 2592

( 1%): 26 lx	( 2%): 52 lx
( 5%): 130 lx	( 10%): 259 lx
( 20%): 518 lx	( 50%): 1296 lx
(100%): 2592 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: