

Report No.: 91.09511 Surface Mounted

Test Time: 2023-07-07 09:22

## Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Voltage: 210.8 V

Current: 0.117 A

Power: 16.50 W

Power Factor: 0.662

## Photometric Results

CIE Class: Direct

Measurement Flux: 1204.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H14.1

Vertical Diffuse Angle(50%): V14.1

Luminaire Efficacy Rating (LER): 73

Max. Intensity: 9665.22 cd

Total Rated Lamp Lumens: 1204.9 lm

Efficiency: 100%

Upward Ratio: 0%

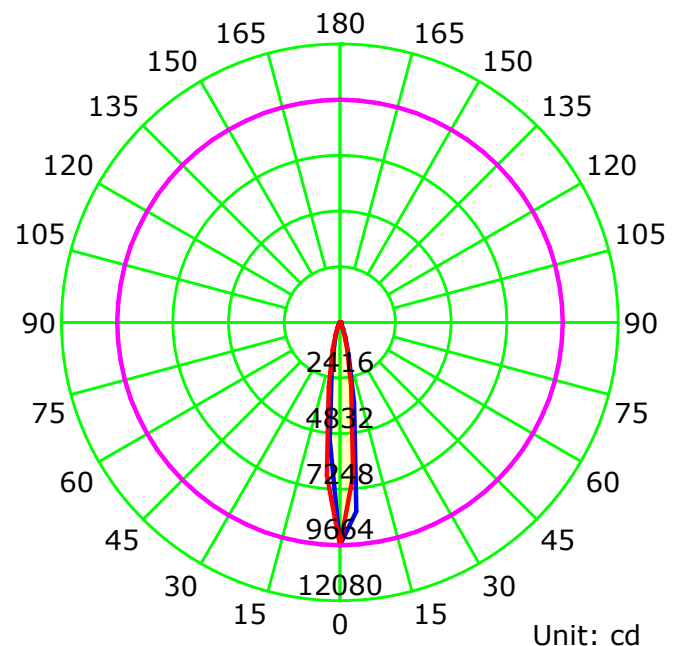
Central Intensity: 9665.22 cd

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

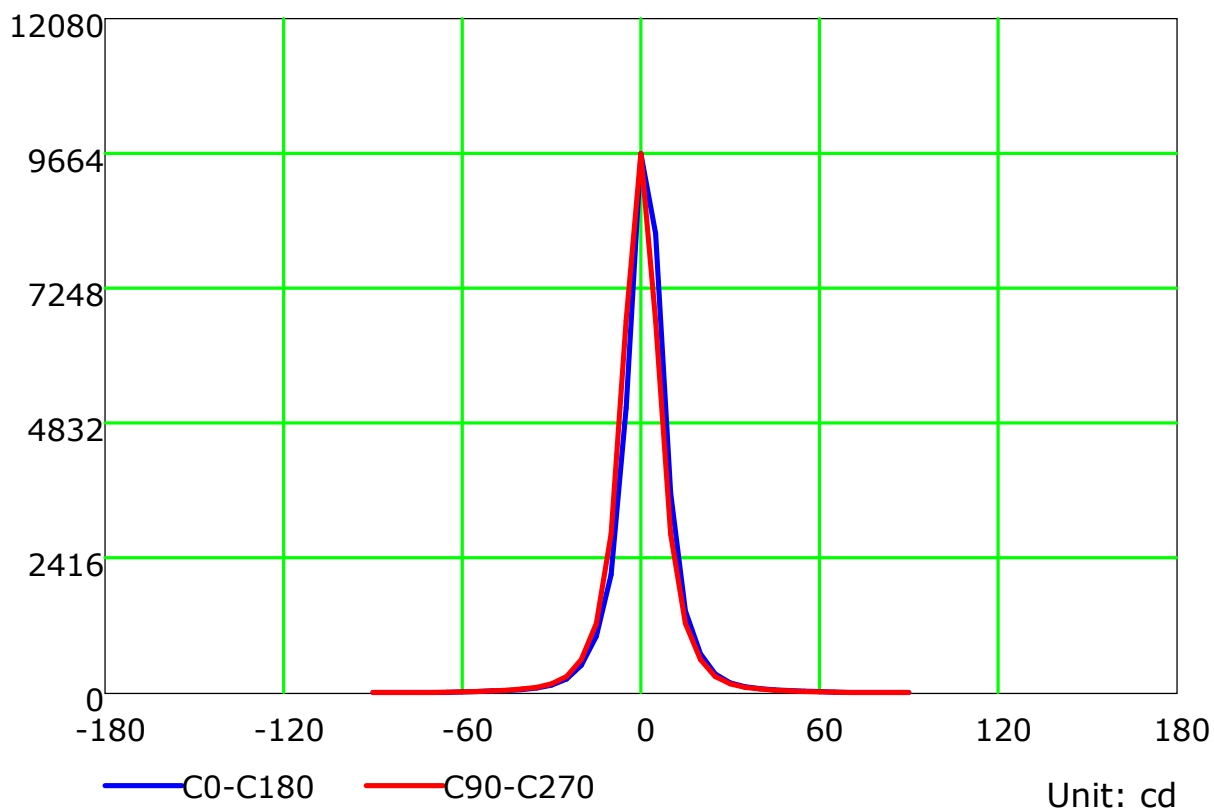
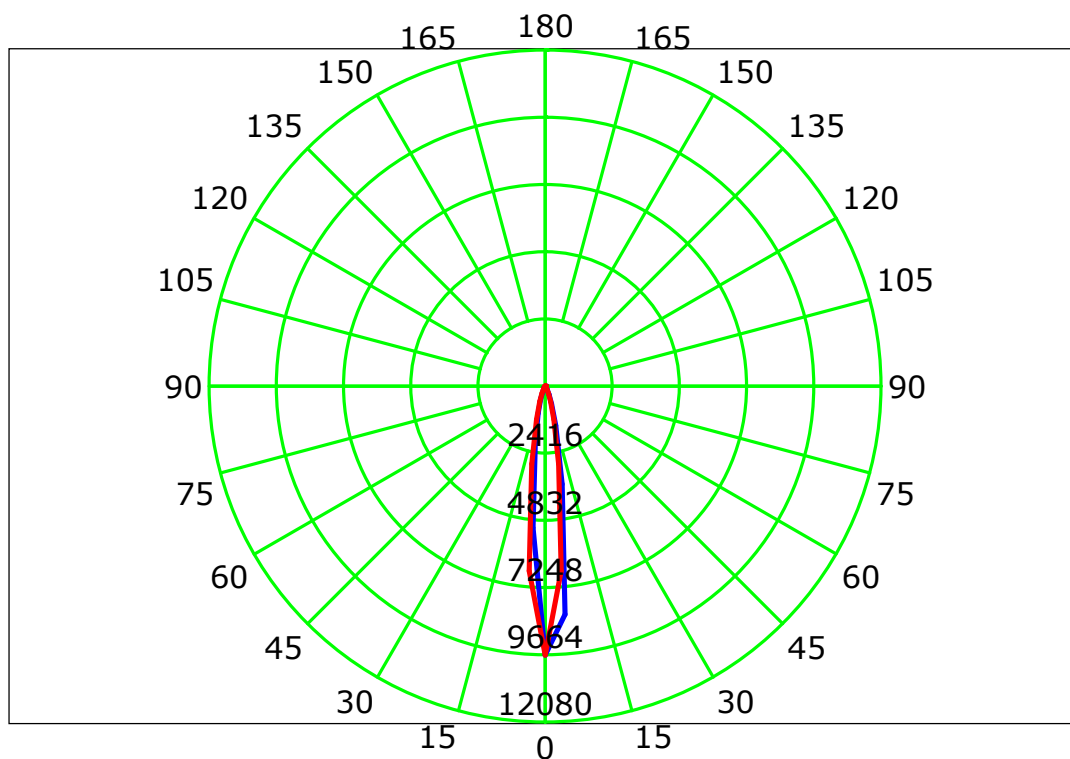
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

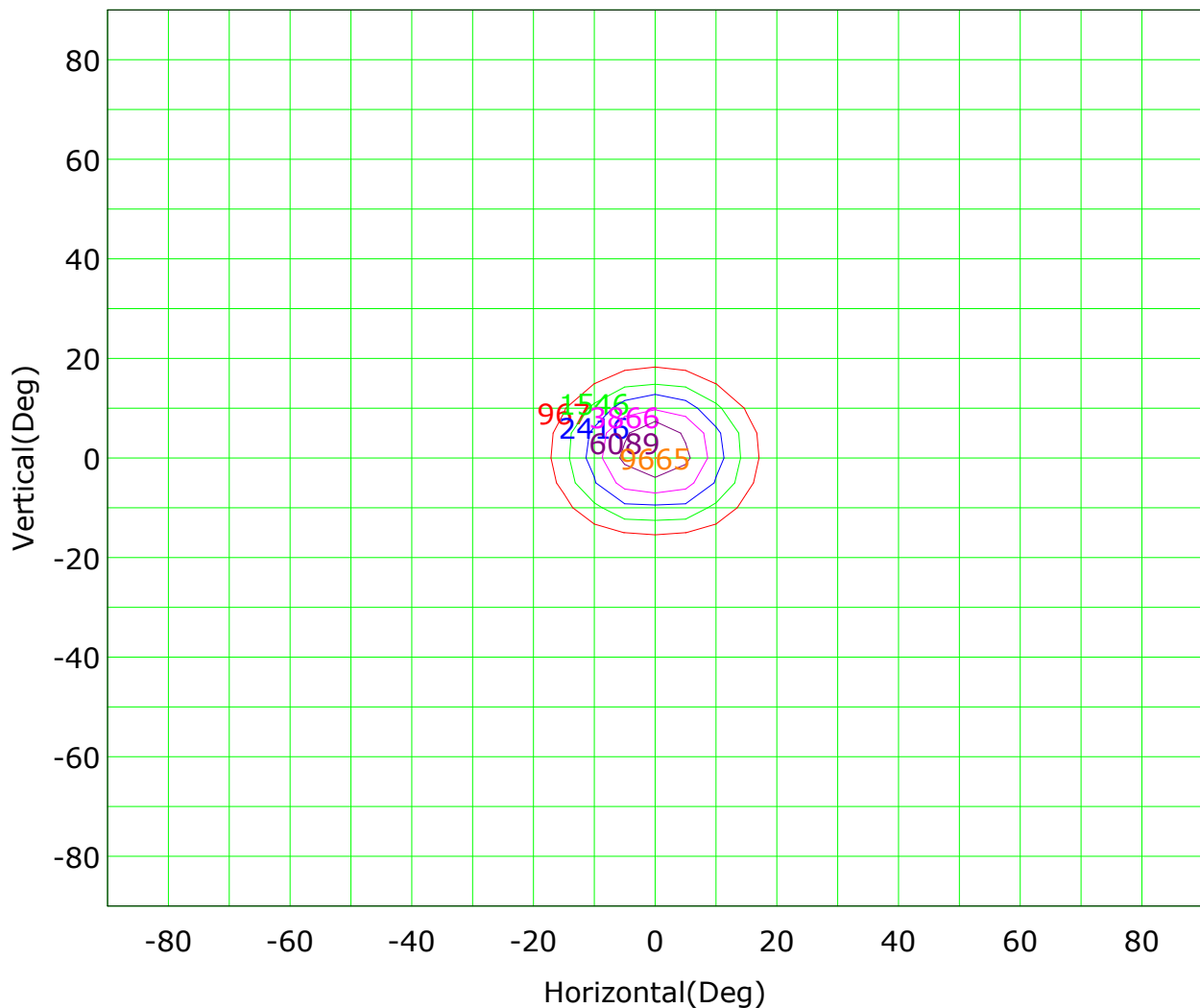
## Luminous Intensity Distribution Curve



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%): 9665 cd

( 10%): 967 cd	( 16%): 1546 cd
( 25%): 2416 cd	( 40%): 3866 cd
( 63%): 6089 cd	(100%): 9665 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

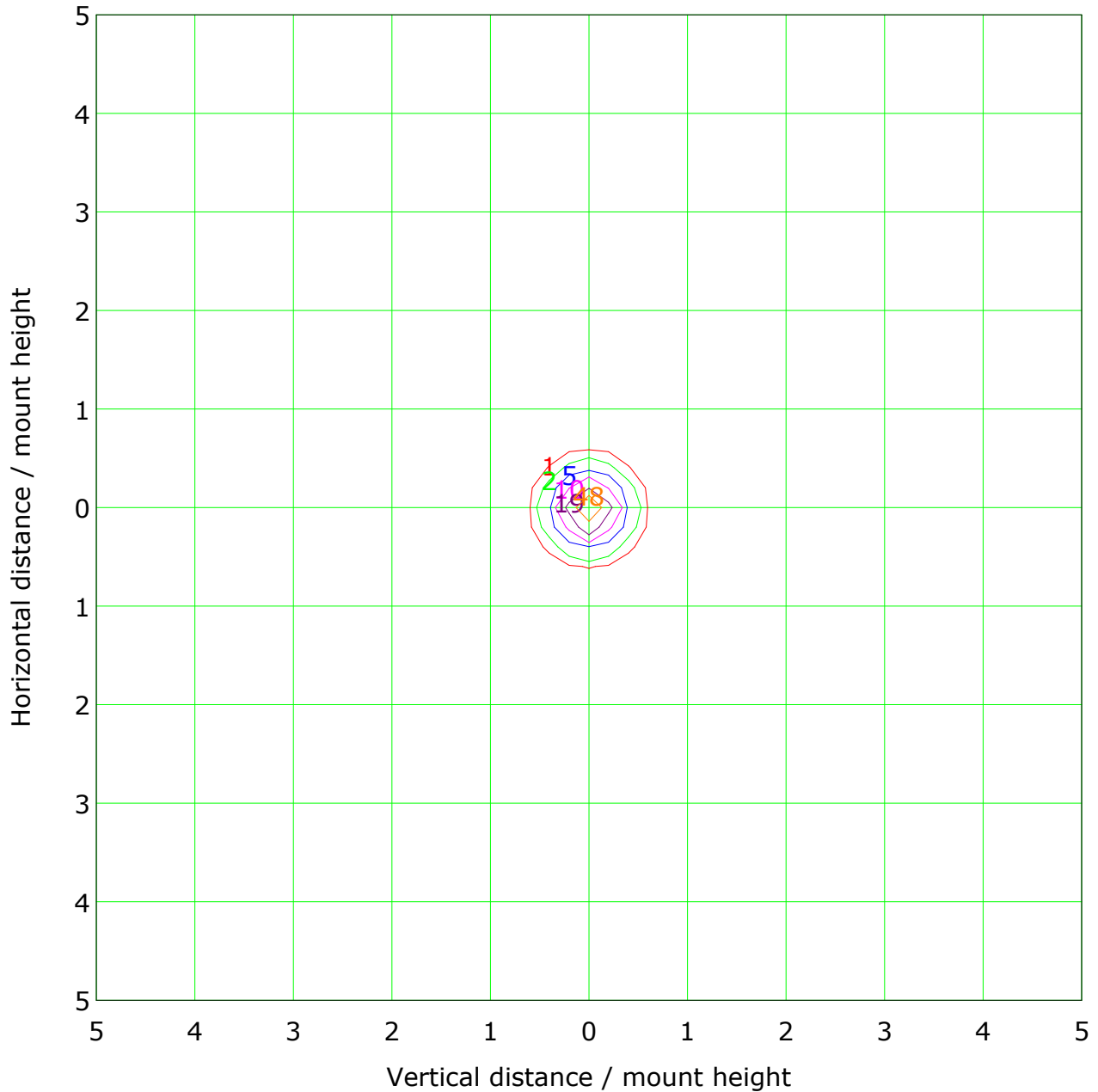
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

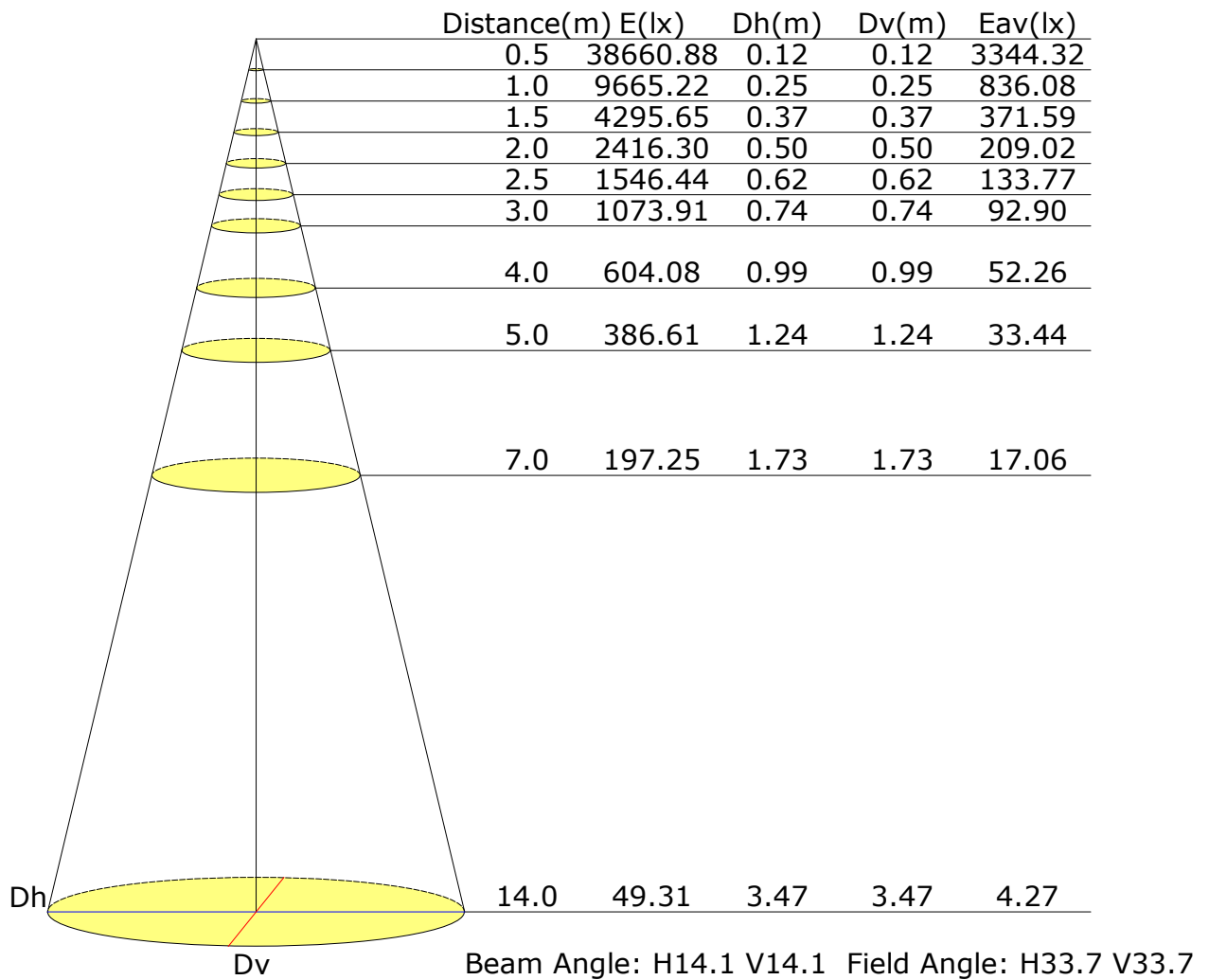


Mounting Height: 10m    Max Lux(100%): 97 lx			
( 1%):	1 lx	( 2%):	2 lx
( 5%):	5 lx	( 10%):	10 lx
( 20%):	19 lx	( 50%):	48 lx
(100%):	97 lx		

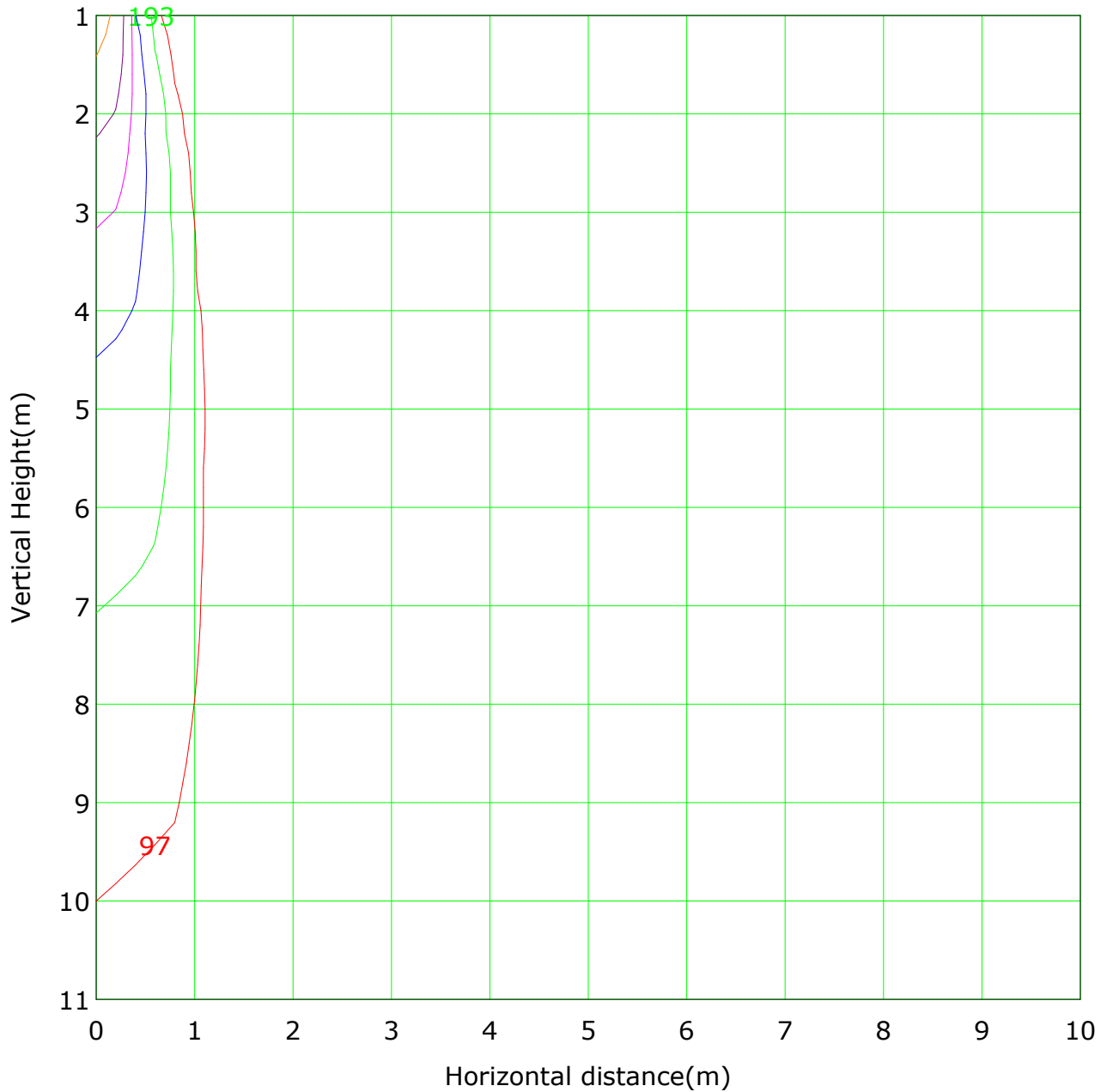
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



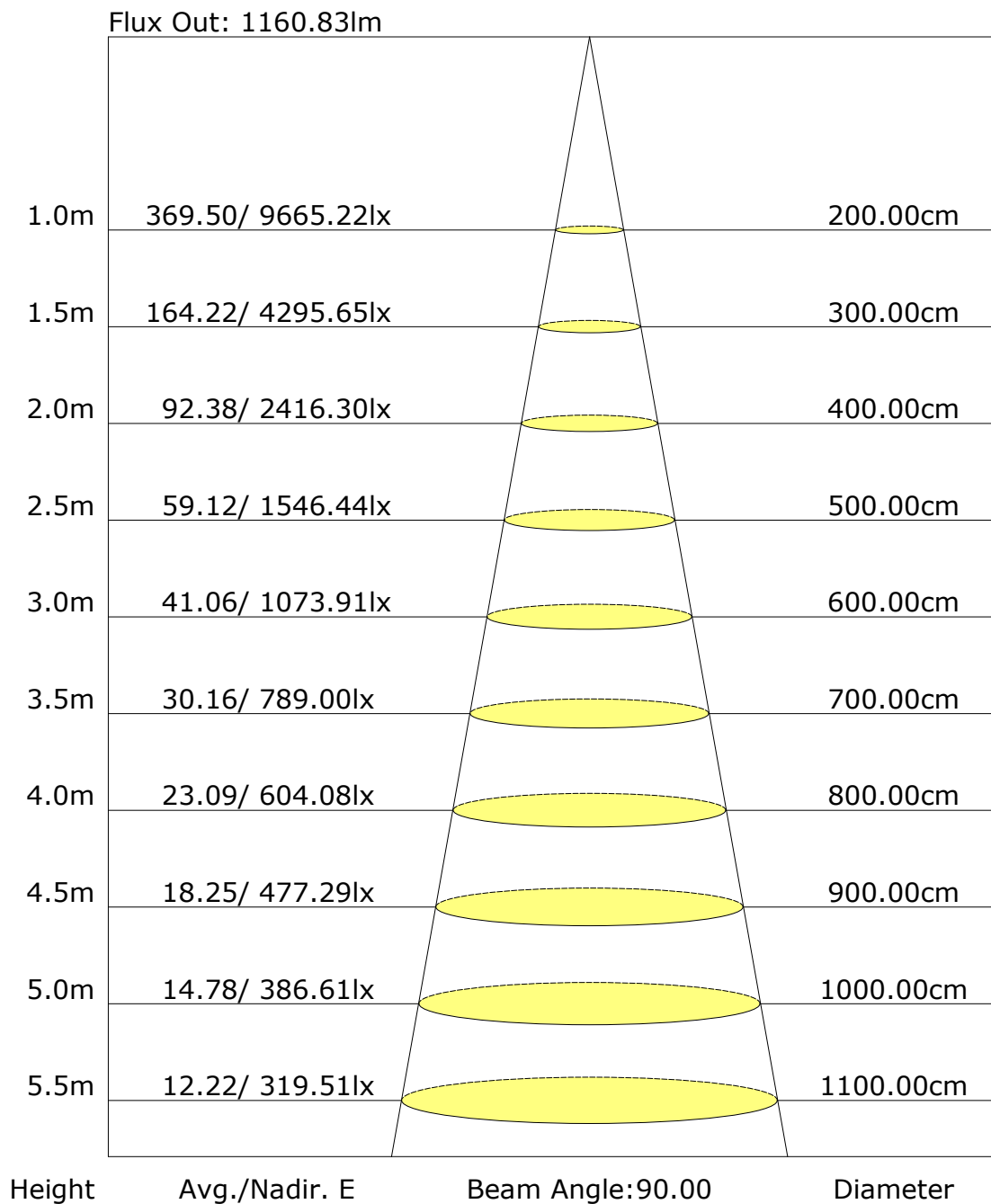
Lowest(m): 1m    Highest(m): 11    Max Lux: 9665

( 1%): 97 lx	( 2%): 193 lx
( 5%): 483 lx	( 10%): 967 lx
( 20%): 1933 lx	( 50%): 4833 lx
(100%): 9665 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: