

Report No.: 32.04520 ARTAX Tracklight

Test Time: 2023-07-06 19:29

## Luminaire Property

Luminaire Category: Citizen 1202 3000K CRI90

Luminaire Description: 33D

Current: 0.076 A

Power Factor: 0.538

Voltage: 219.1 V

Power: 9.00 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 365.4 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H33.4

Vertical Diffuse Angle(50%): V33.4

Luminaire Efficacy Rating (LER): 41

Max. Intensity: 1380.36 cd

Total Rated Lamp Lumens: 365.4 lm

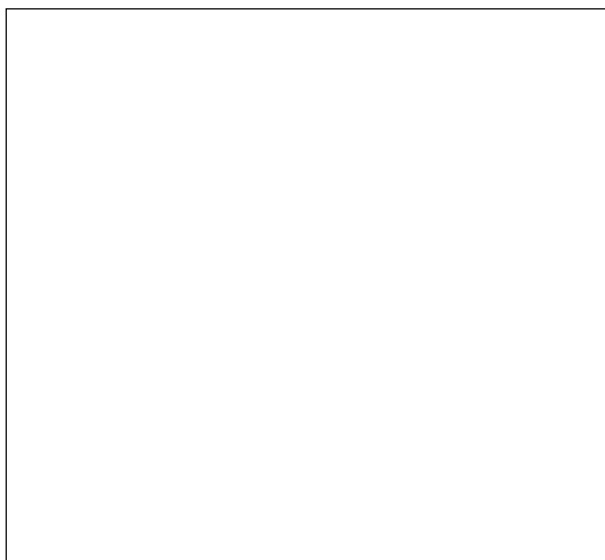
Efficiency: 100%

Upward Ratio: 0%

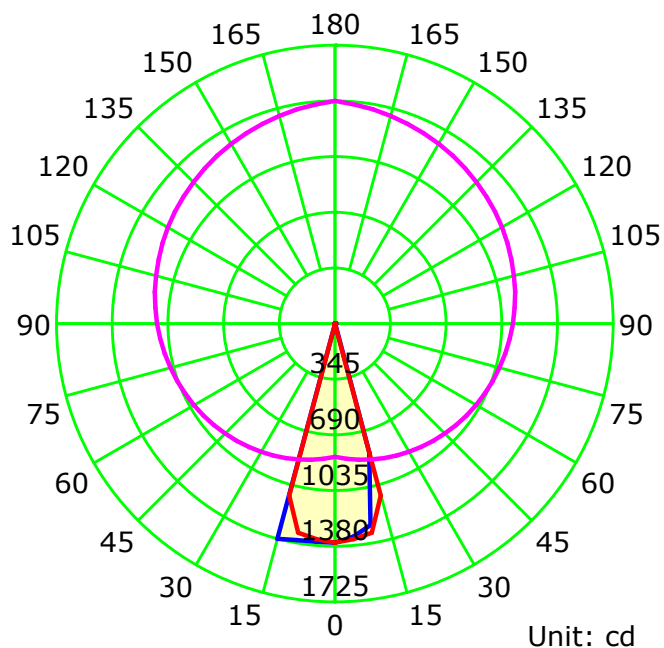
Central Intensity: 1356.35 cd

Pos of Max. Intensity: H180 V15

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G15

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

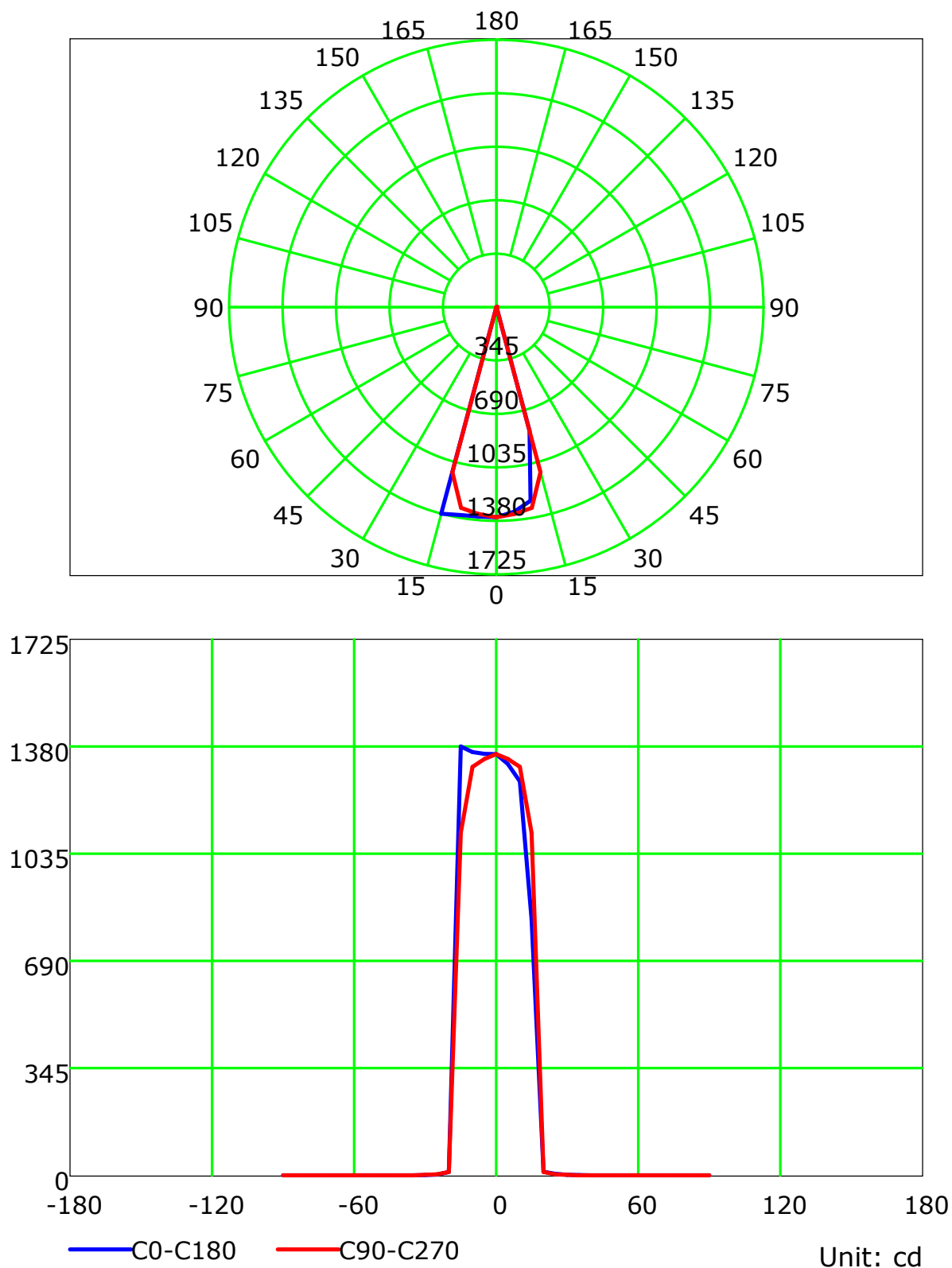
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

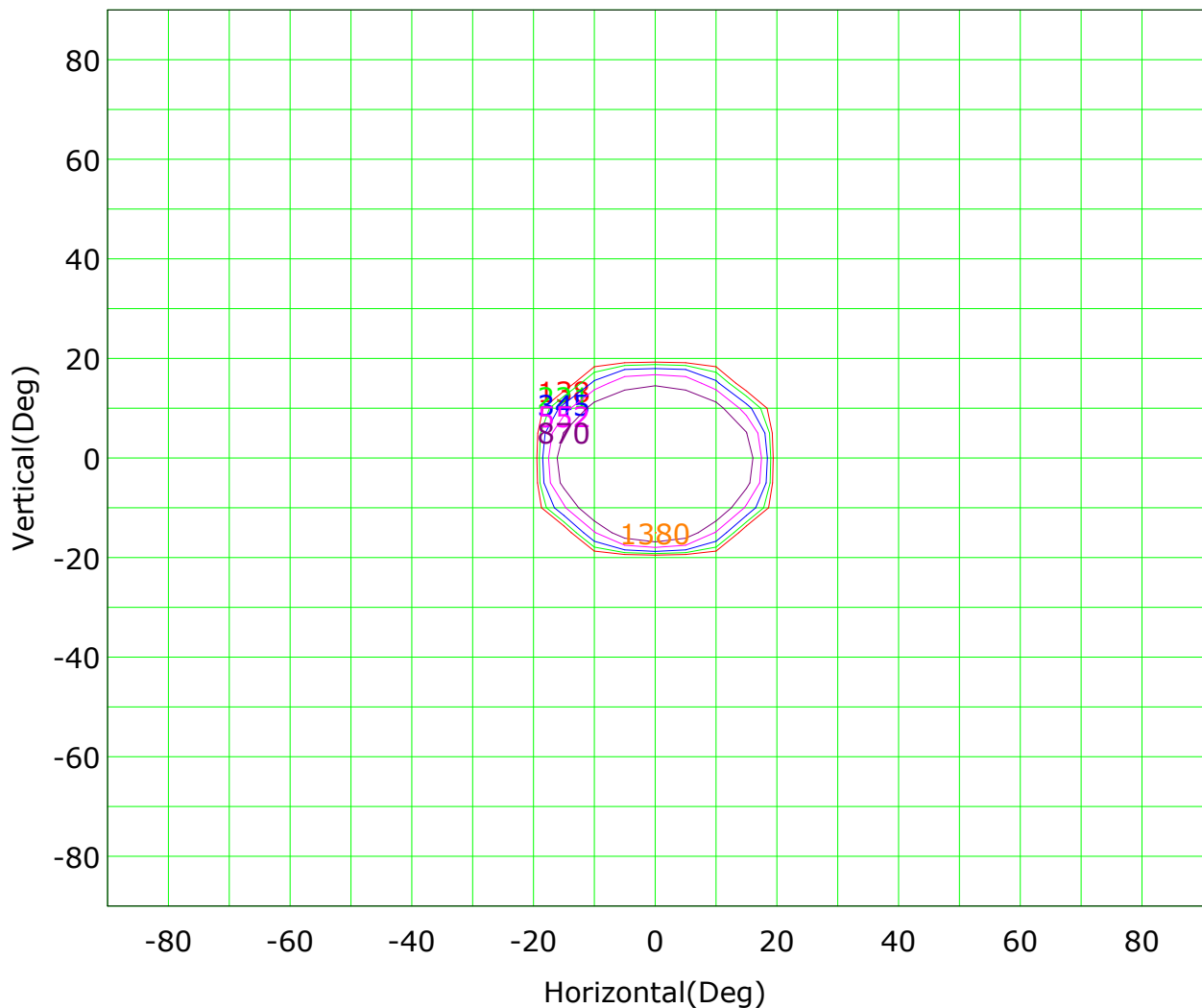
## Luminous Intensity Distribution Curve



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%): 1380 cd

( 10%): 138 cd	( 16%): 221 cd
( 25%): 345 cd	( 40%): 552 cd
( 63%): 870 cd	(100%): 1380 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

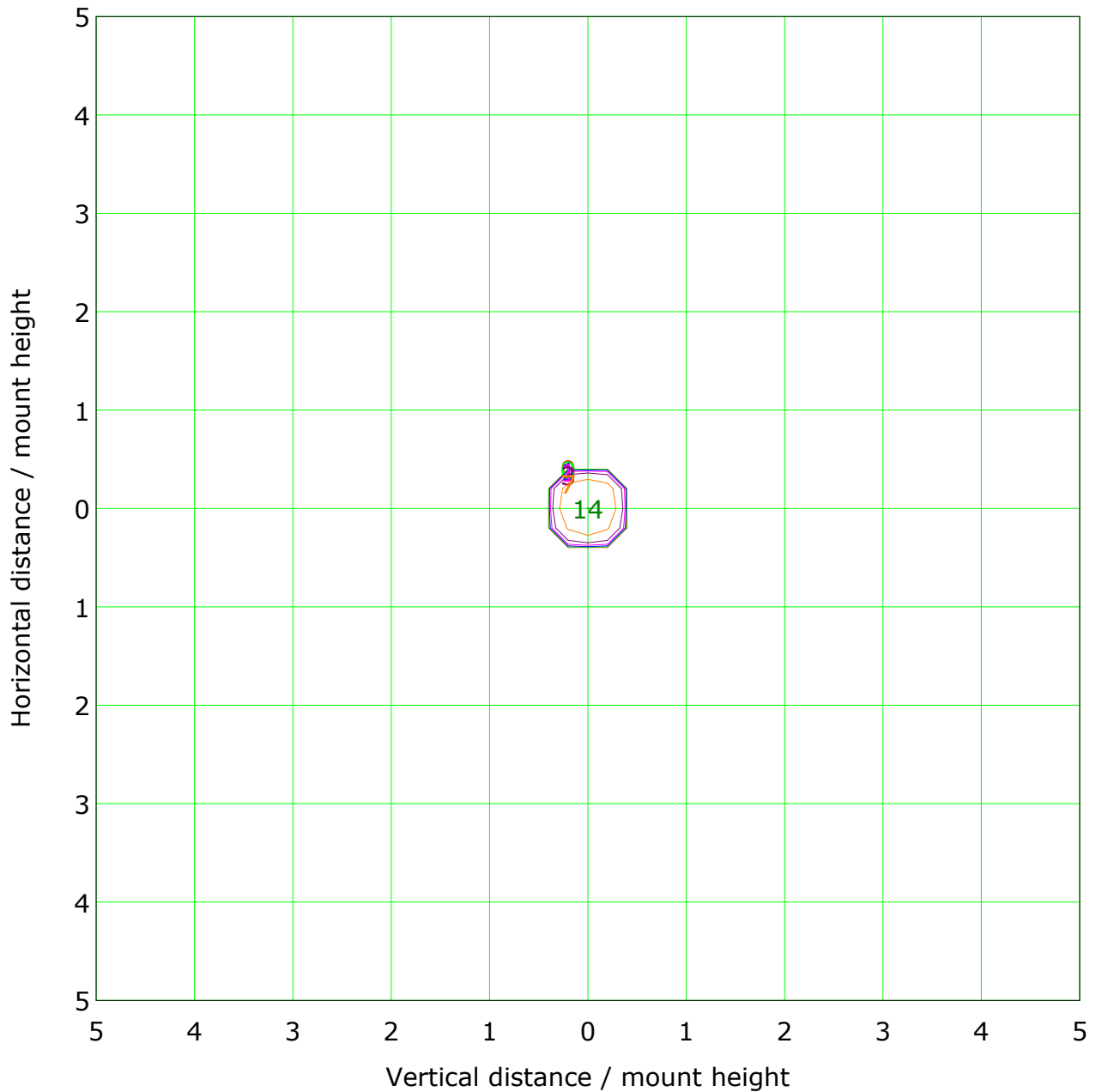
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

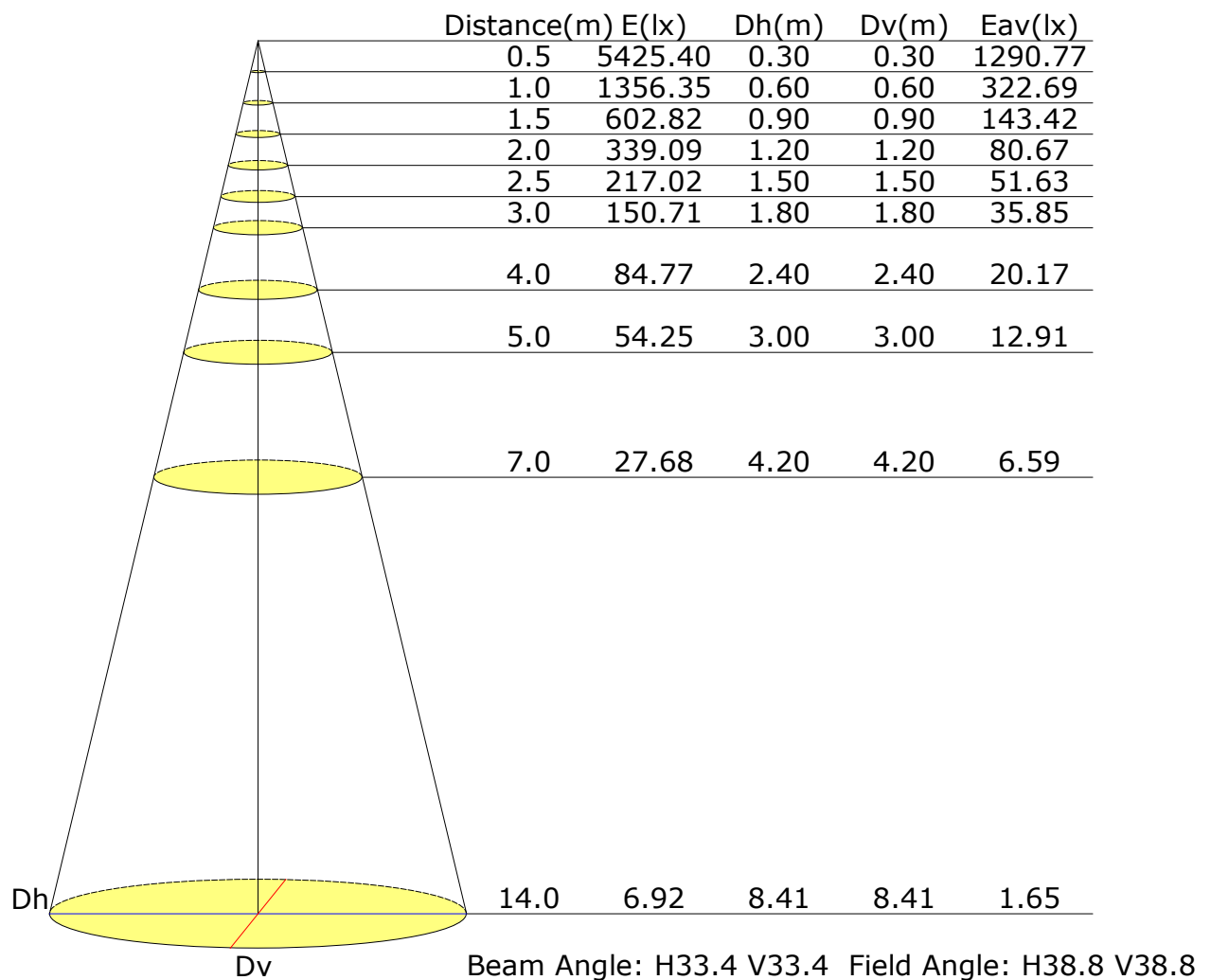


Mounting Height: 10m    Max Lux(100%): 14 lx			
( 1%):	0 lx	( 2%):	0 lx
( 5%):	1 lx	( 10%):	1 lx
( 20%):	3 lx	( 50%):	7 lx
(100%):	14 lx		

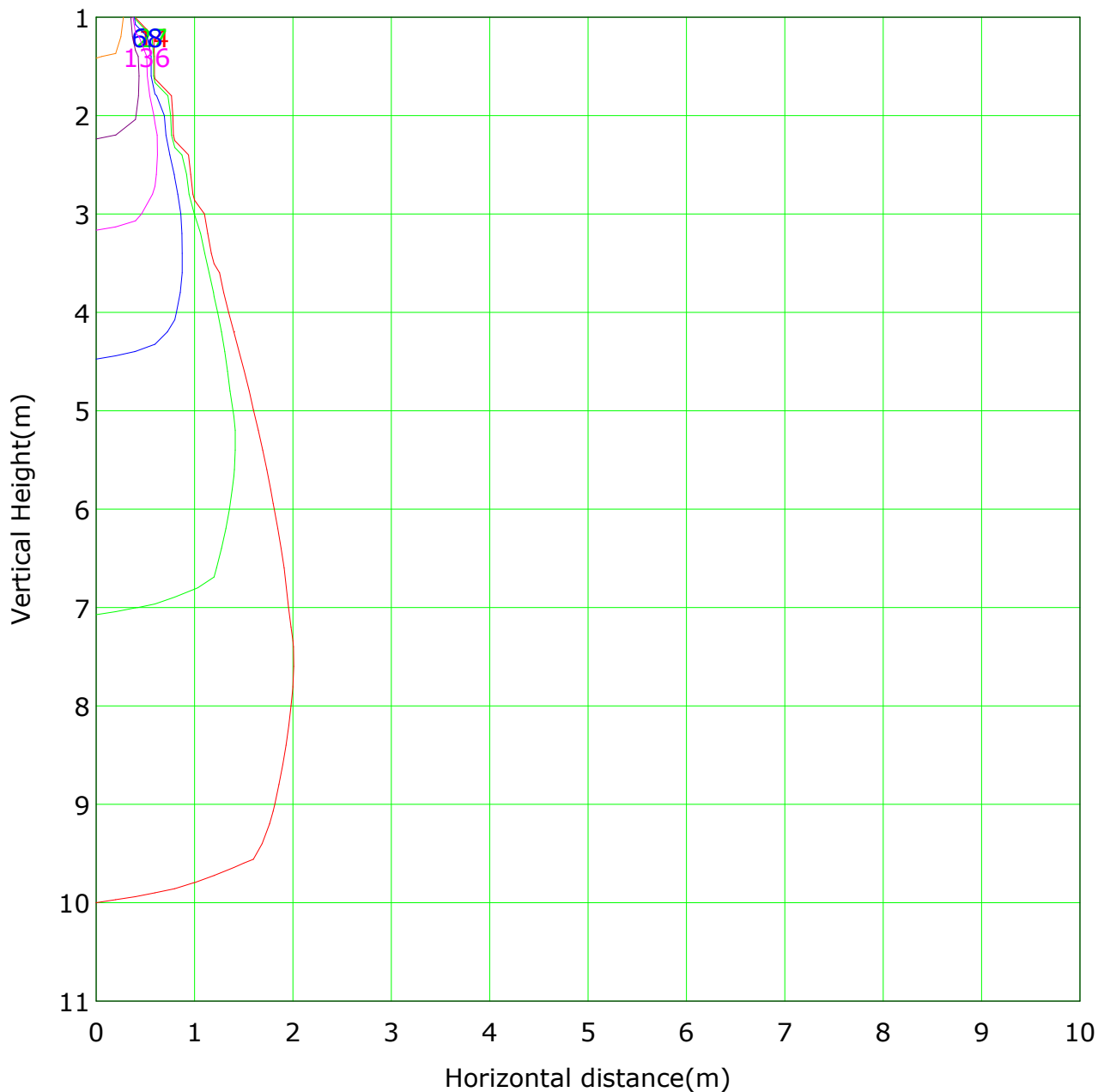
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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

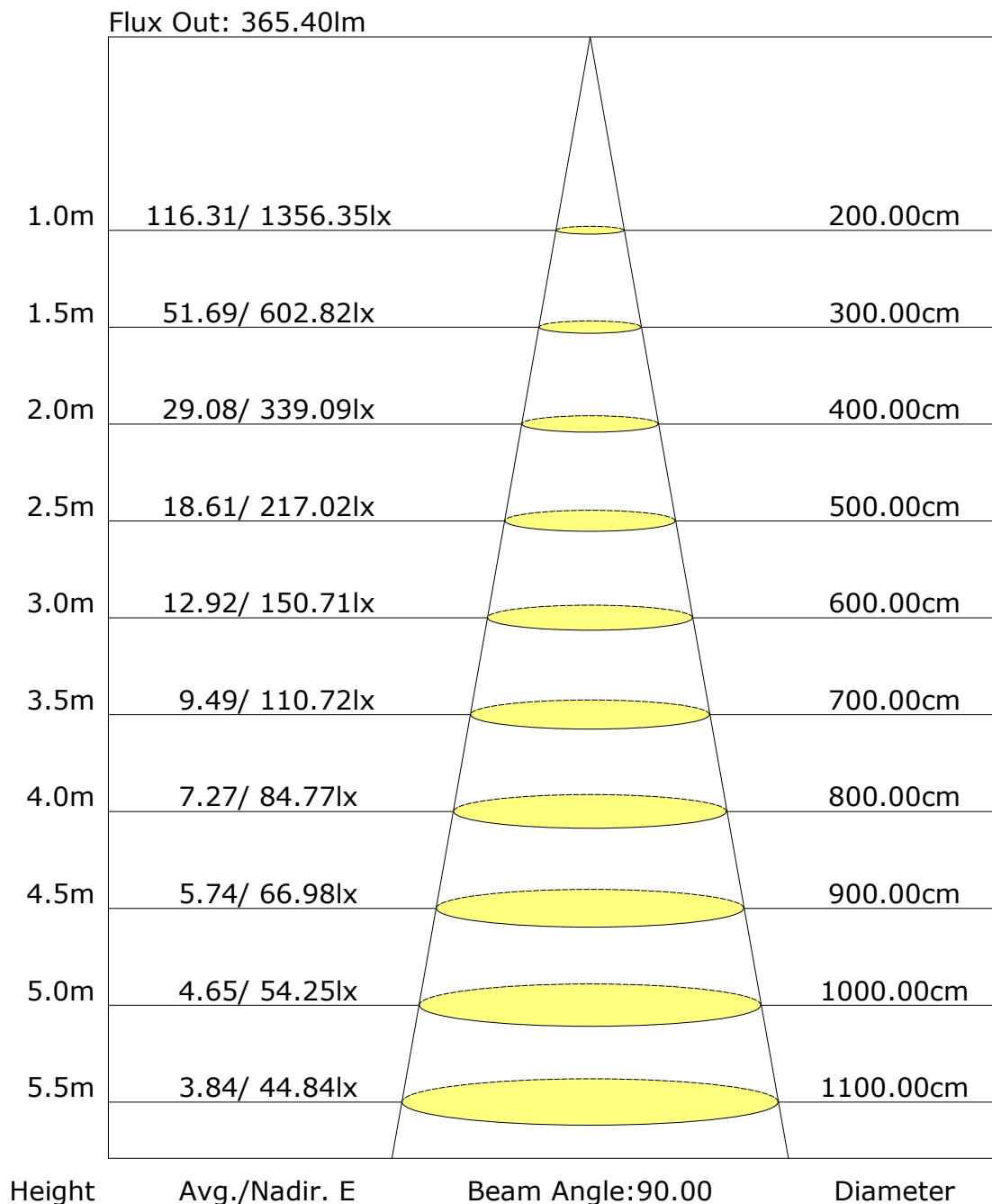


Lowest(m): 1m    Highest(m): 11    Max Lux: 1356	
( 1%): 14 lx	( 2%): 27 lx
( 5%): 68 lx	( 10%): 136 lx
( 20%): 271 lx	( 50%): 678 lx
(100%): 1356 lx	

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: