

Report No.: AX\_TL\_FL\_15W\_065

Test Time: 2023-09-09 14:40

## Luminaire Property

Luminaire Category: Bridgelux V10A 3000K CRI90

Voltage: 220.8 V

Current: 0.118 A

Power: 14.30 W

Power Factor: 0.545

## Photometric Results

CIE Class: Direct

Measurement Flux: 1627.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H27.2

Vertical Diffuse Angle(50%): V27.2

Luminaire Efficacy Rating (LER): 114

Max. Intensity: 6806.48 cd

Total Rated Lamp Lumens: 1627.3 lm

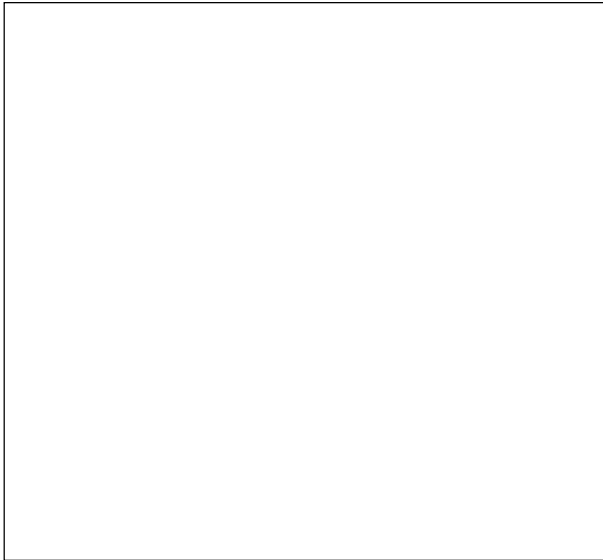
Efficiency: 100%

Upward Ratio: 0%

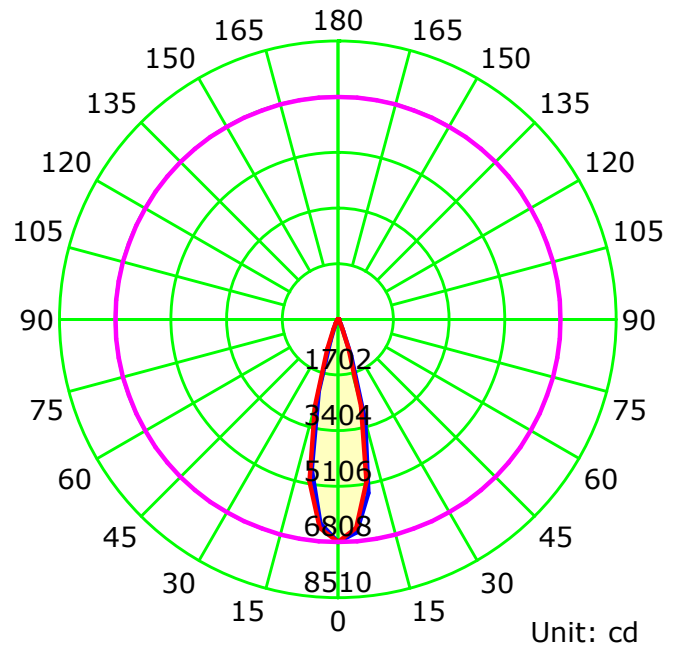
Central Intensity: 6806.48 cd

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

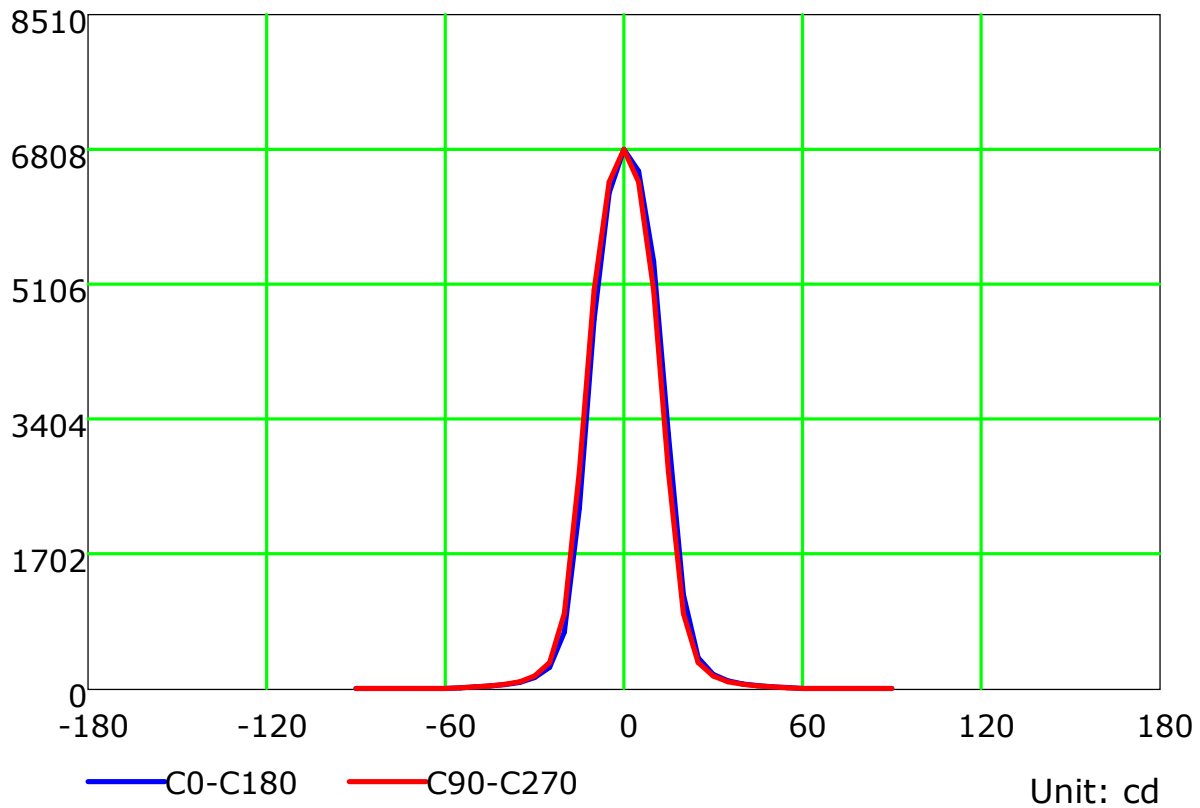
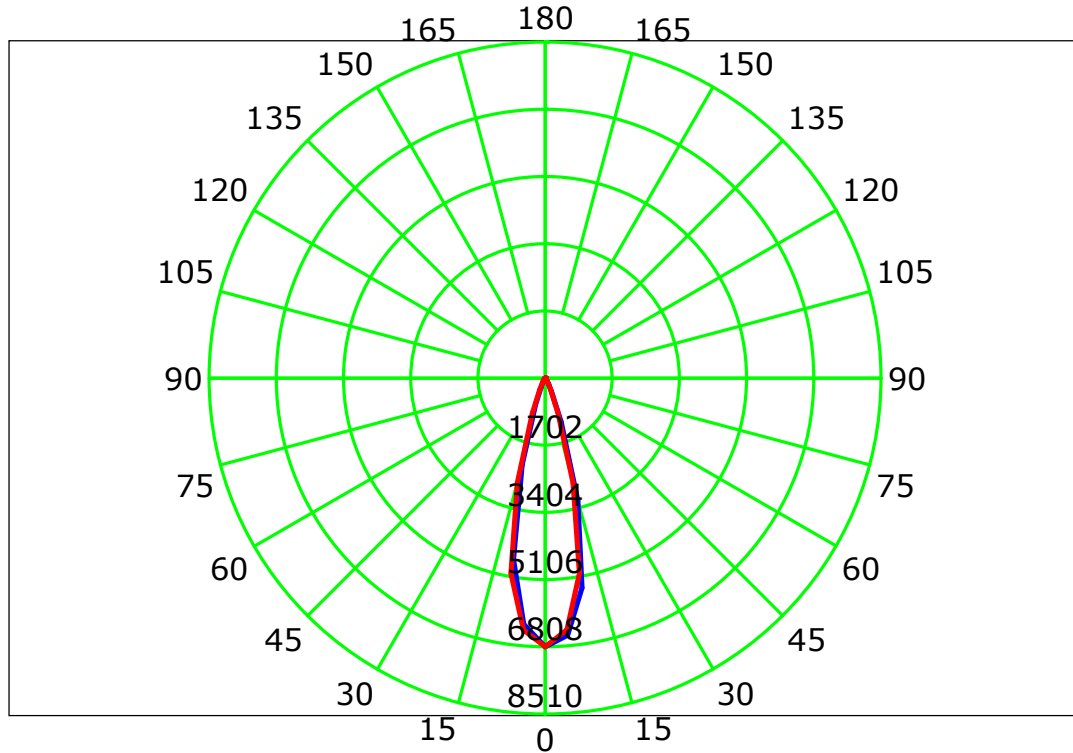
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

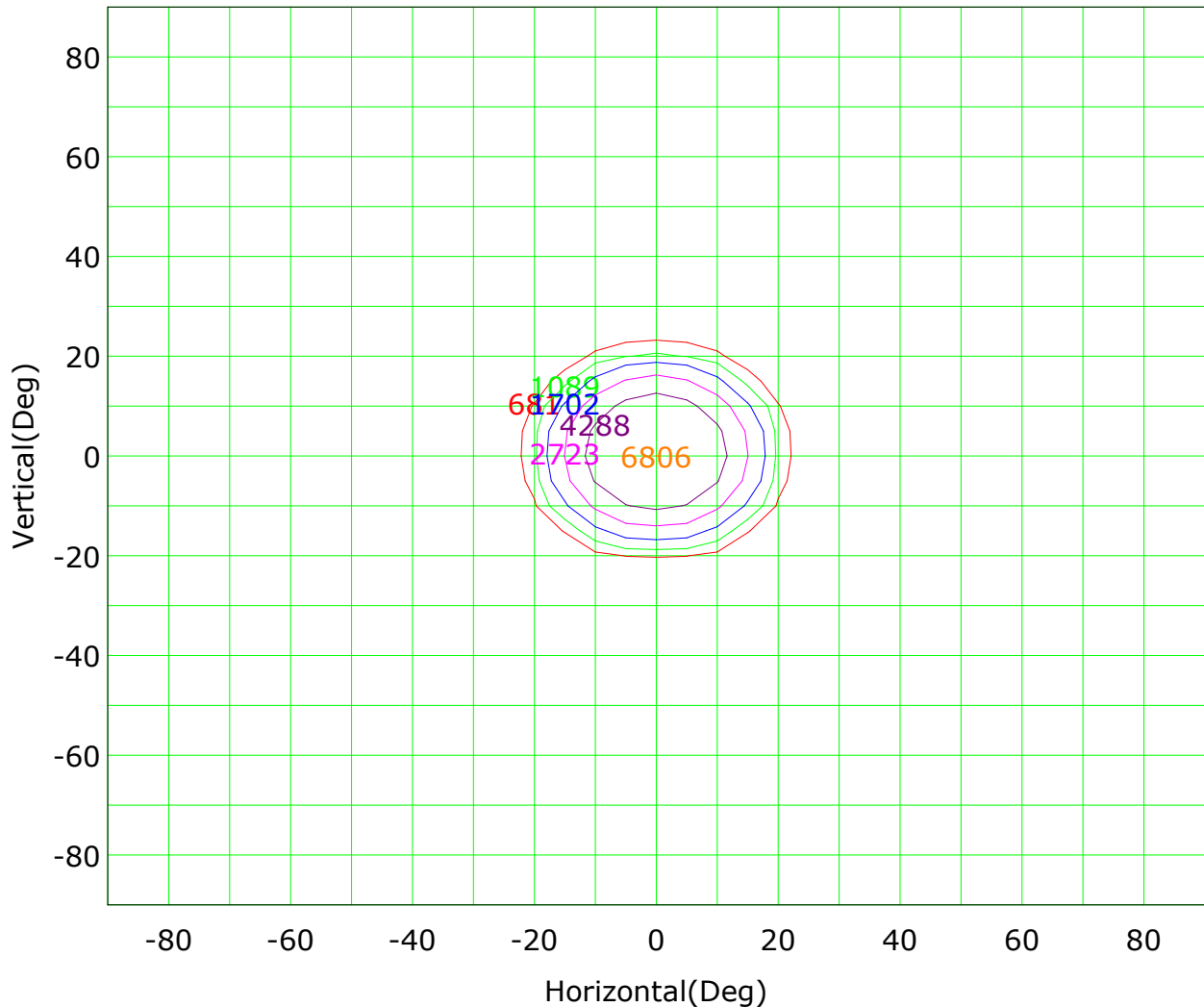
## Luminous Intensity Distribution Curve



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)



I<sub>max</sub> (100%): 6806 cd

( 10%): 681 cd	( 16%): 1089 cd
( 25%): 1702 cd	( 40%): 2723 cd
( 63%): 4288 cd	(100%): 6806 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

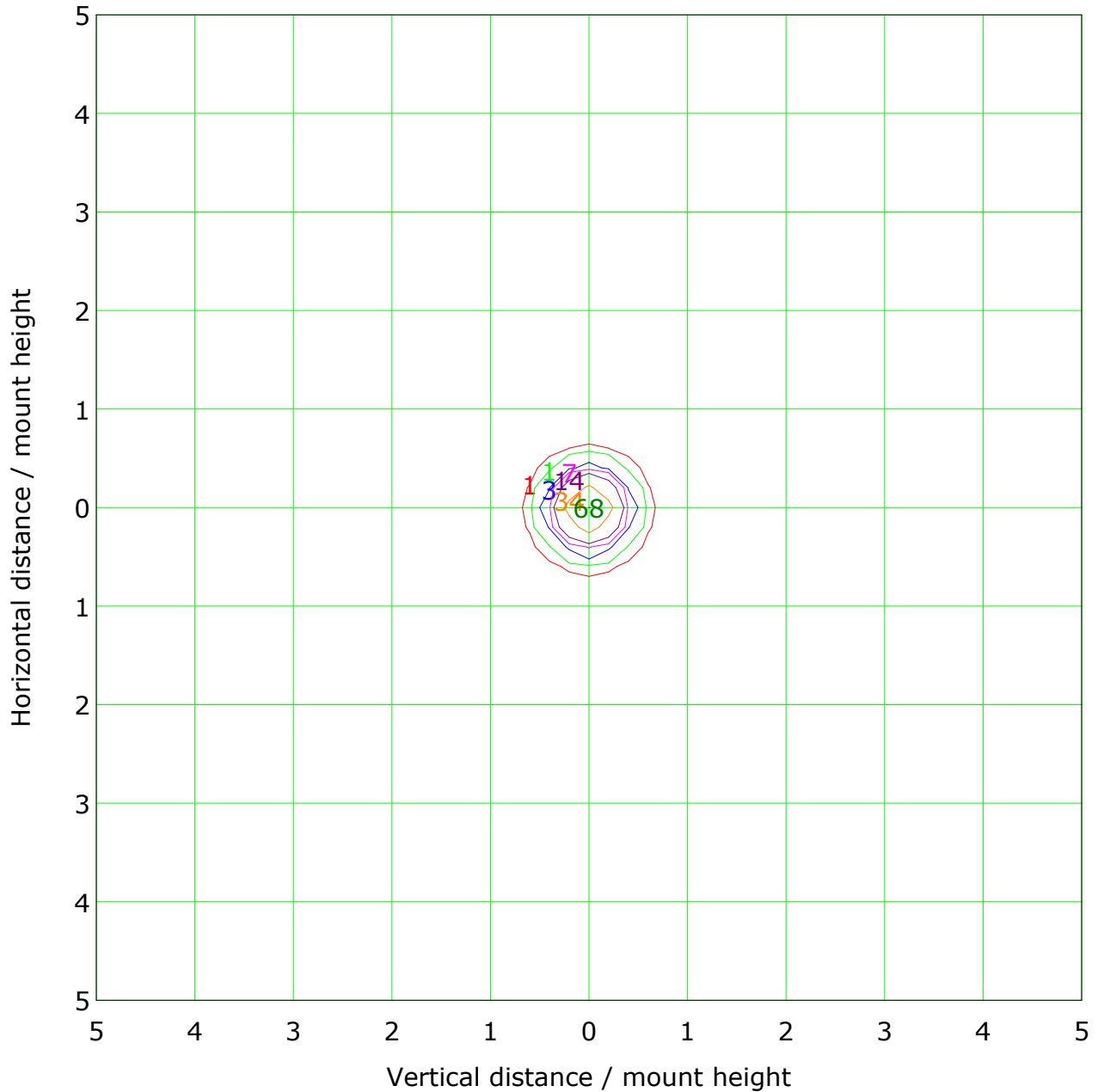
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 68 lx	
( 1%):	1 lx	( 2%):	1 lx
( 5%):	3 lx	( 10%):	7 lx
( 20%):	14 lx	( 50%):	34 lx
(100%):	68 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

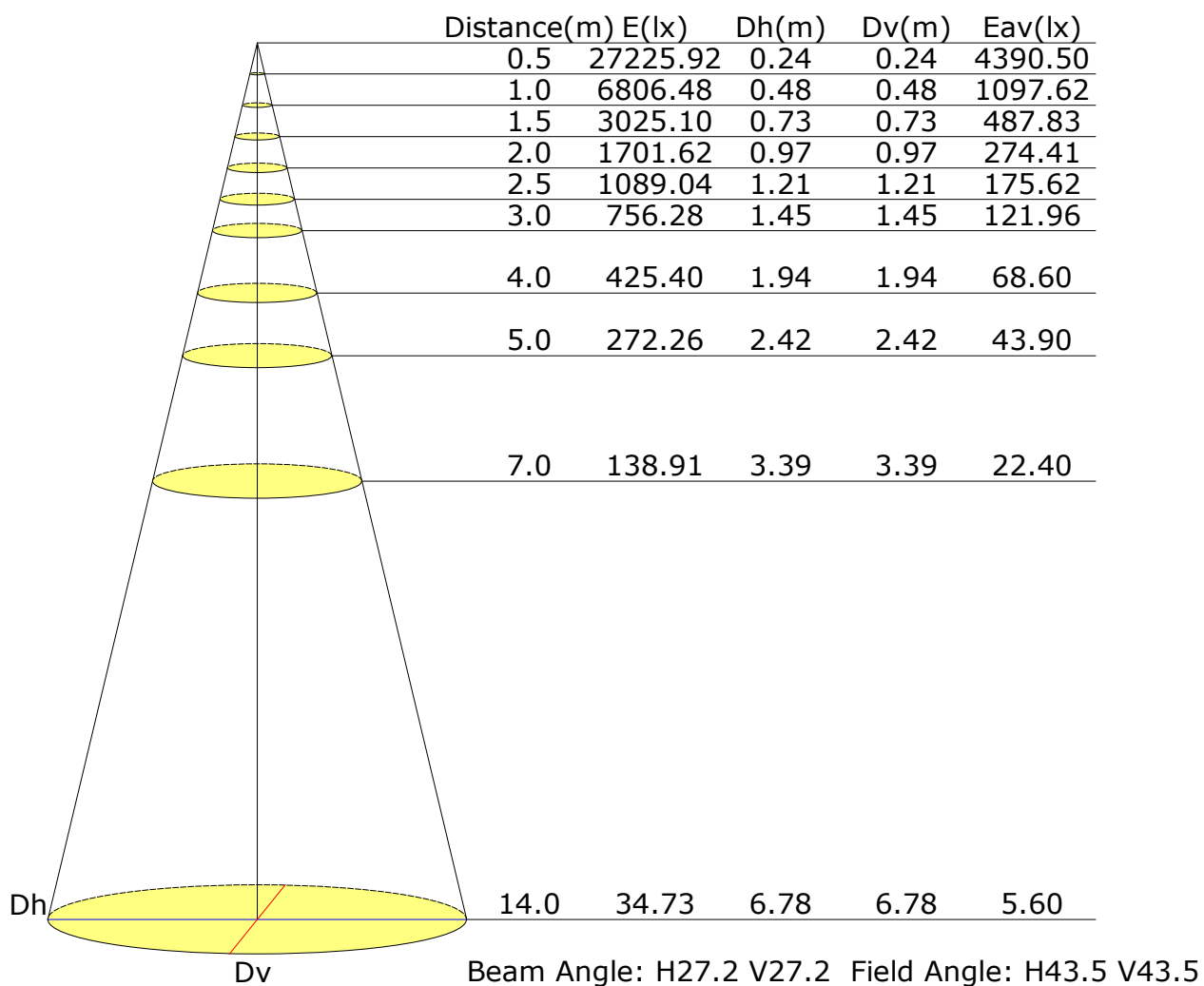
Test Device: CHL-6E

Distance: 3.000 m

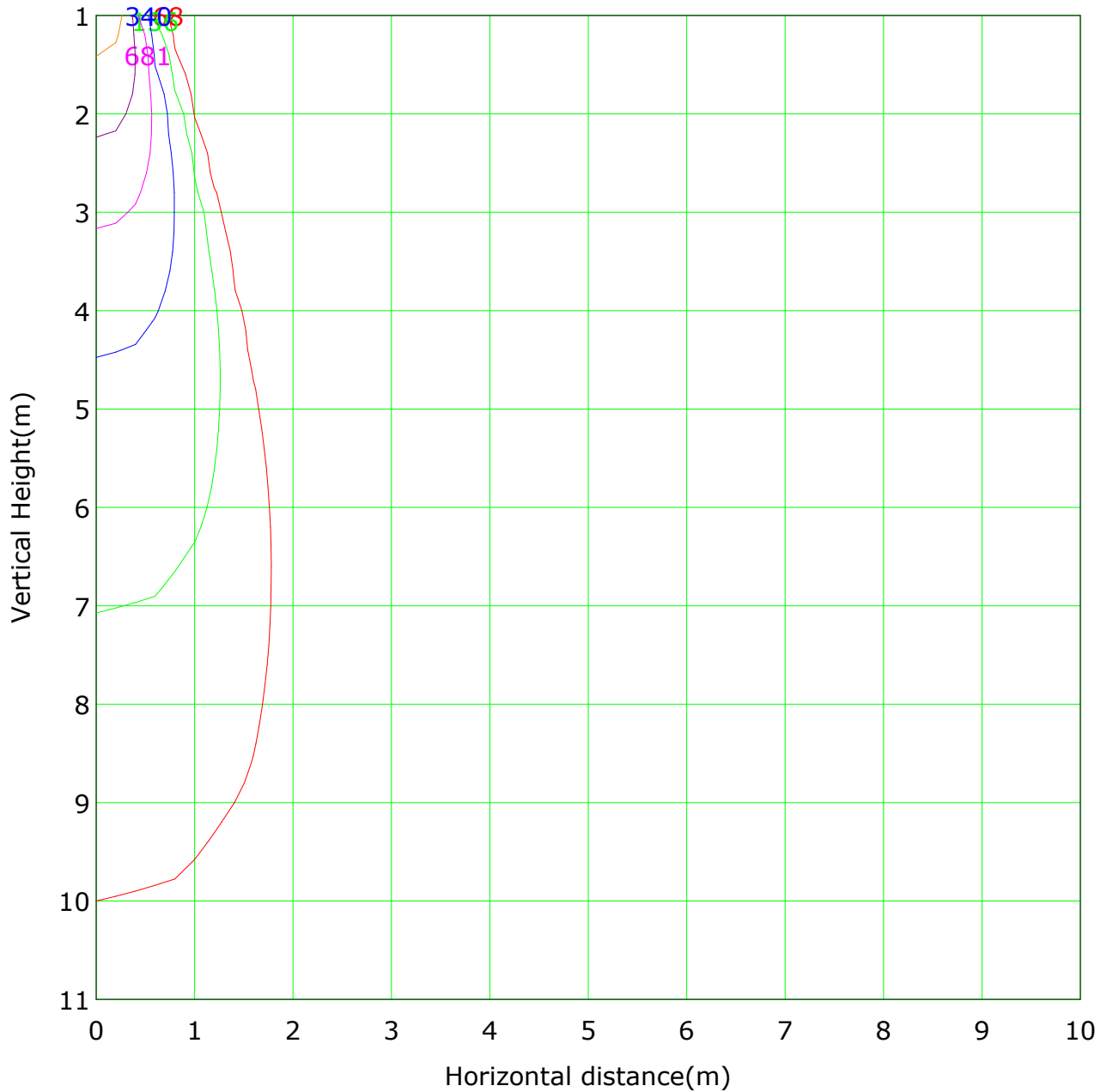
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1m    Highest(m): 11    Max Lux: 6806

( 1%): 68 lx	( 2%): 136 lx
( 5%): 340 lx	( 10%): 681 lx
( 20%): 1361 lx	( 50%): 3403 lx
(100%): 6806 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

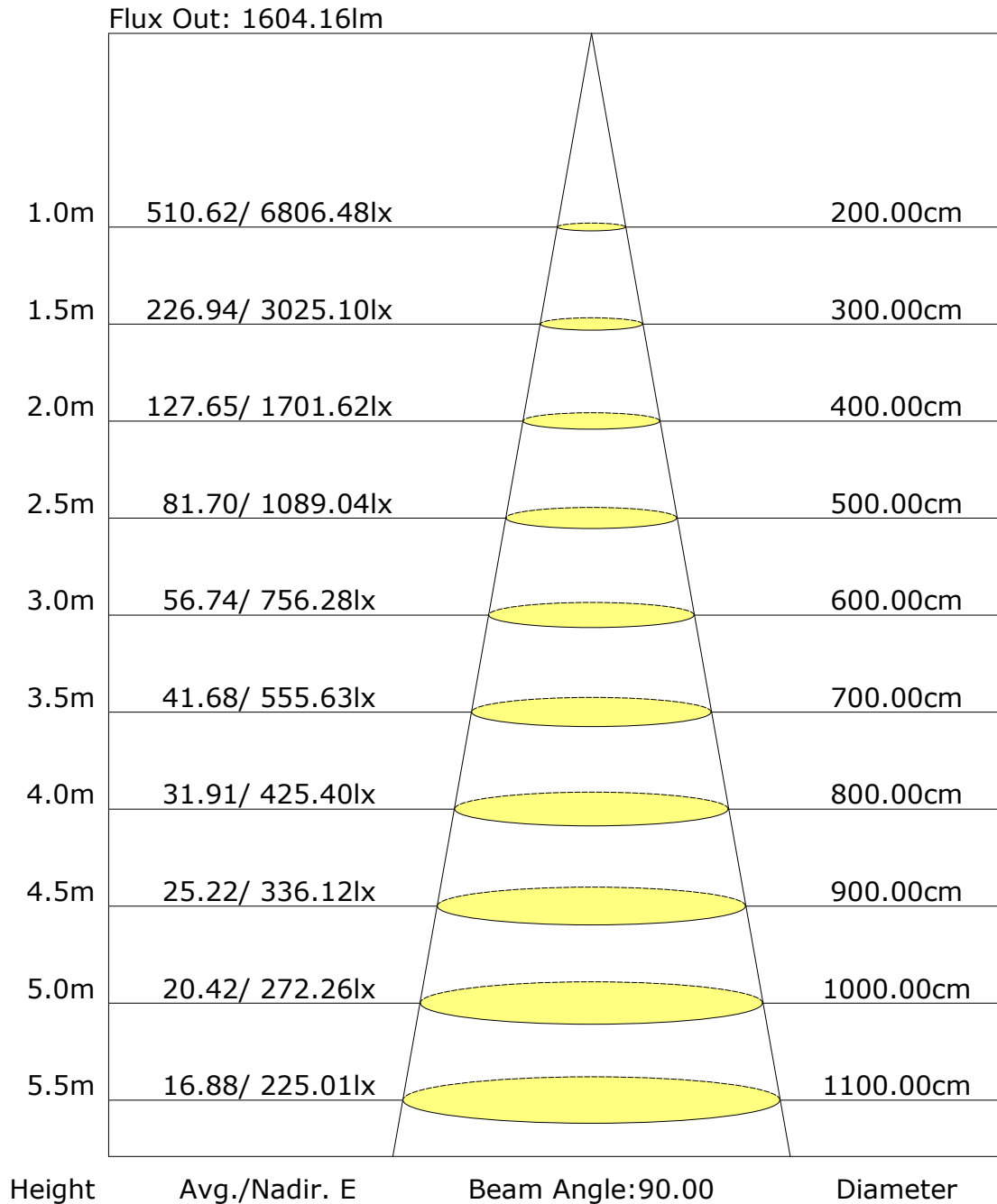
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## The average illuminance effective figure



Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector:



## Unit: cd

Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector: