

Report No.: 52.08011 ECO Down Light

Test Time: 2023-07-10 19:55

## Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Voltage: 215.7 V

Current: 0.111 A

Power: 14.60 W

Power Factor: 0.604

## Photometric Results

CIE Class: Direct

Measurement Flux: 1063 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H56.1

Vertical Diffuse Angle(50%): V56.1

Luminaire Efficacy Rating (LER): 73

Max. Intensity: 1372.91 cd

Total Rated Lamp Lumens: 1063.0 lm

Efficiency: 100%

Upward Ratio: 0%

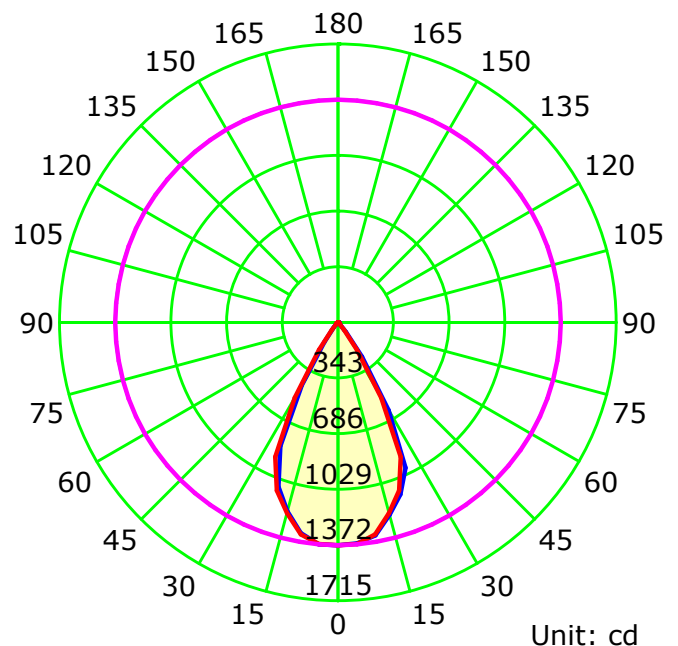
Central Intensity: 1372.9 cd

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

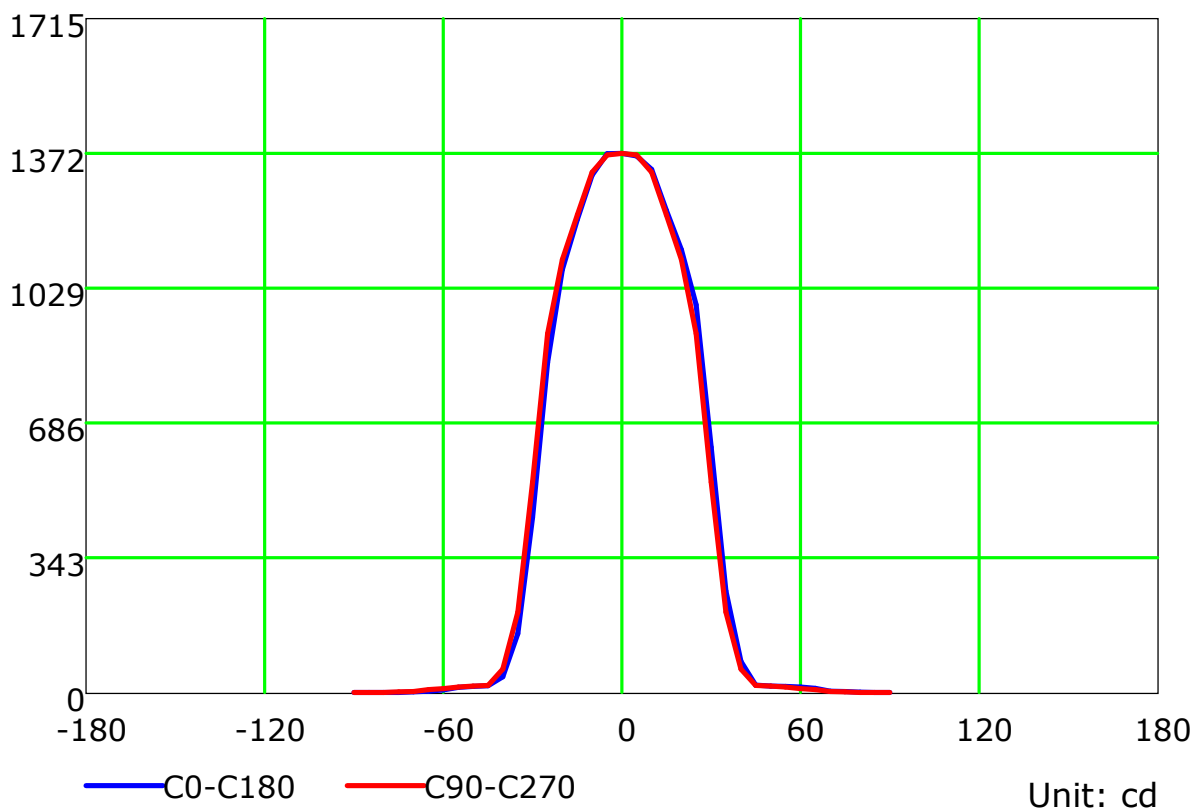
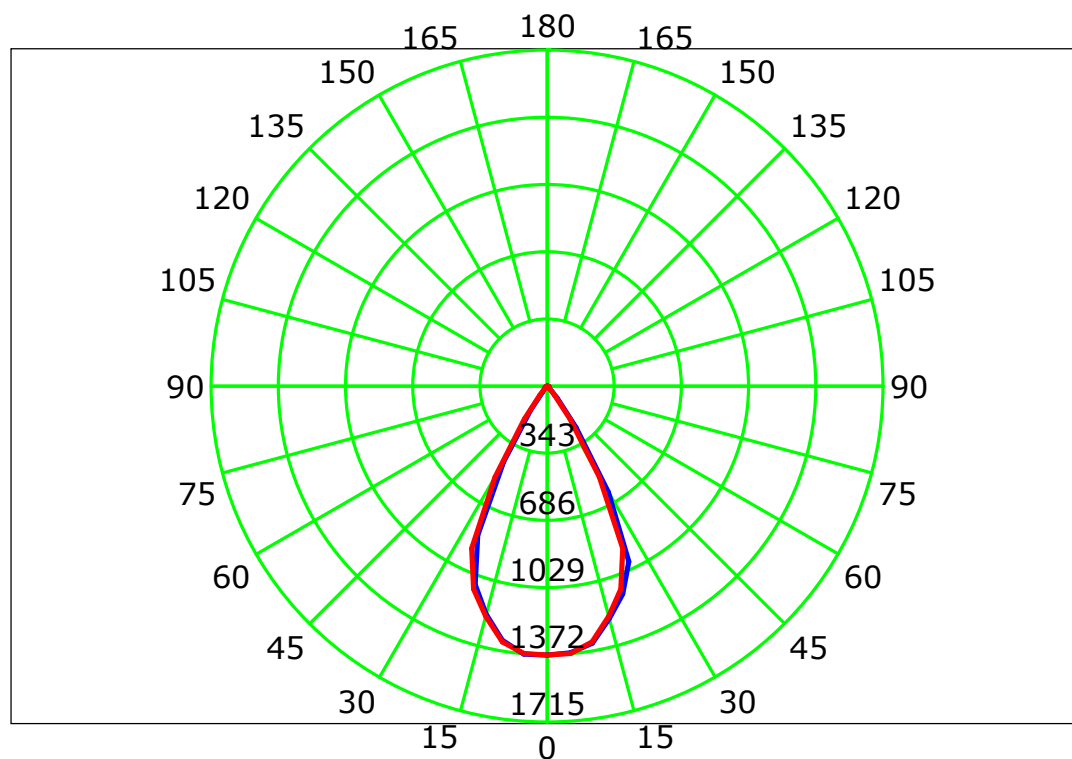
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

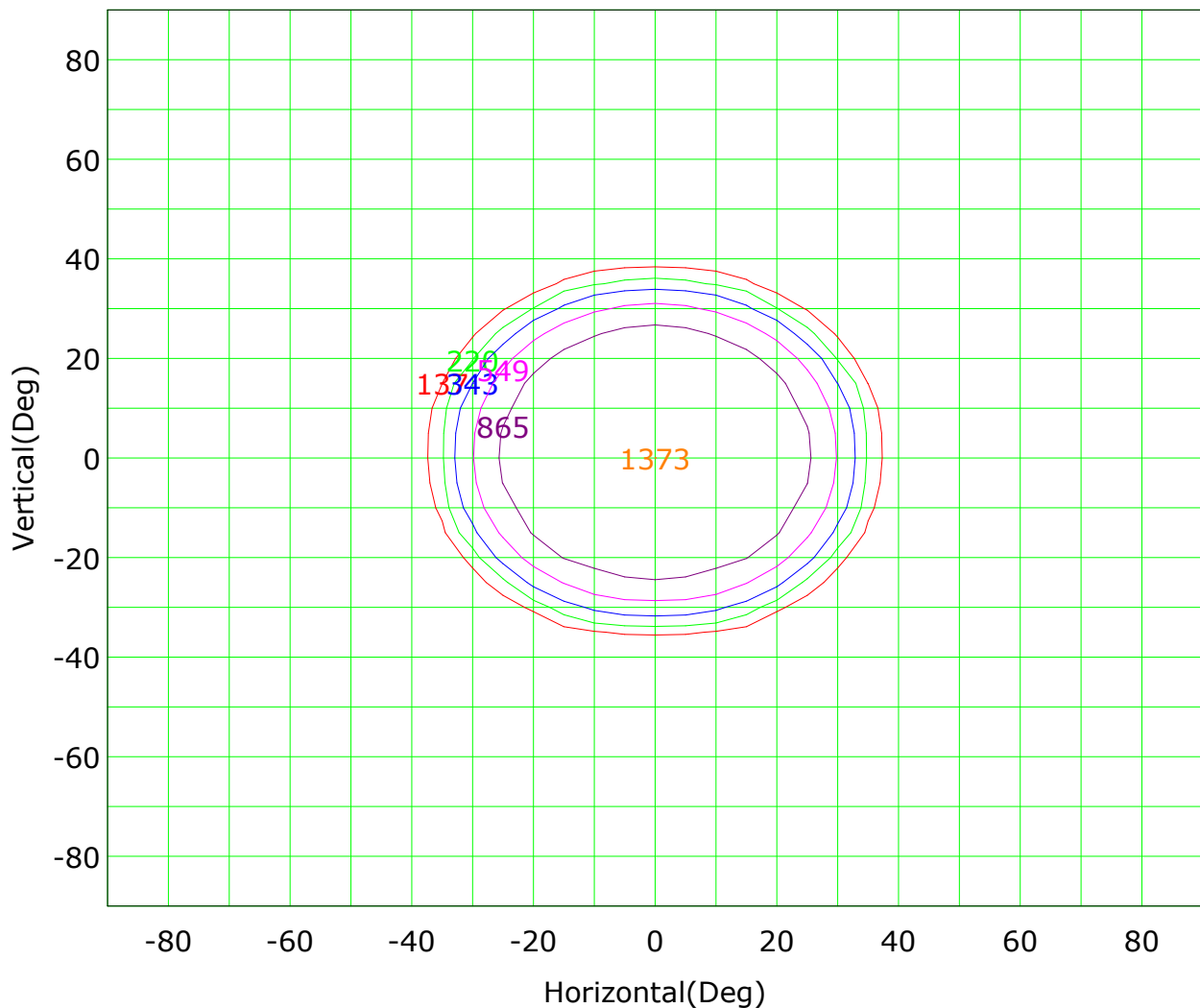
## Luminous Intensity Distribution Curve



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%): 1373 cd

( 10%): 137 cd	( 16%): 220 cd
( 25%): 343 cd	( 40%): 549 cd
( 63%): 865 cd	(100%): 1373 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

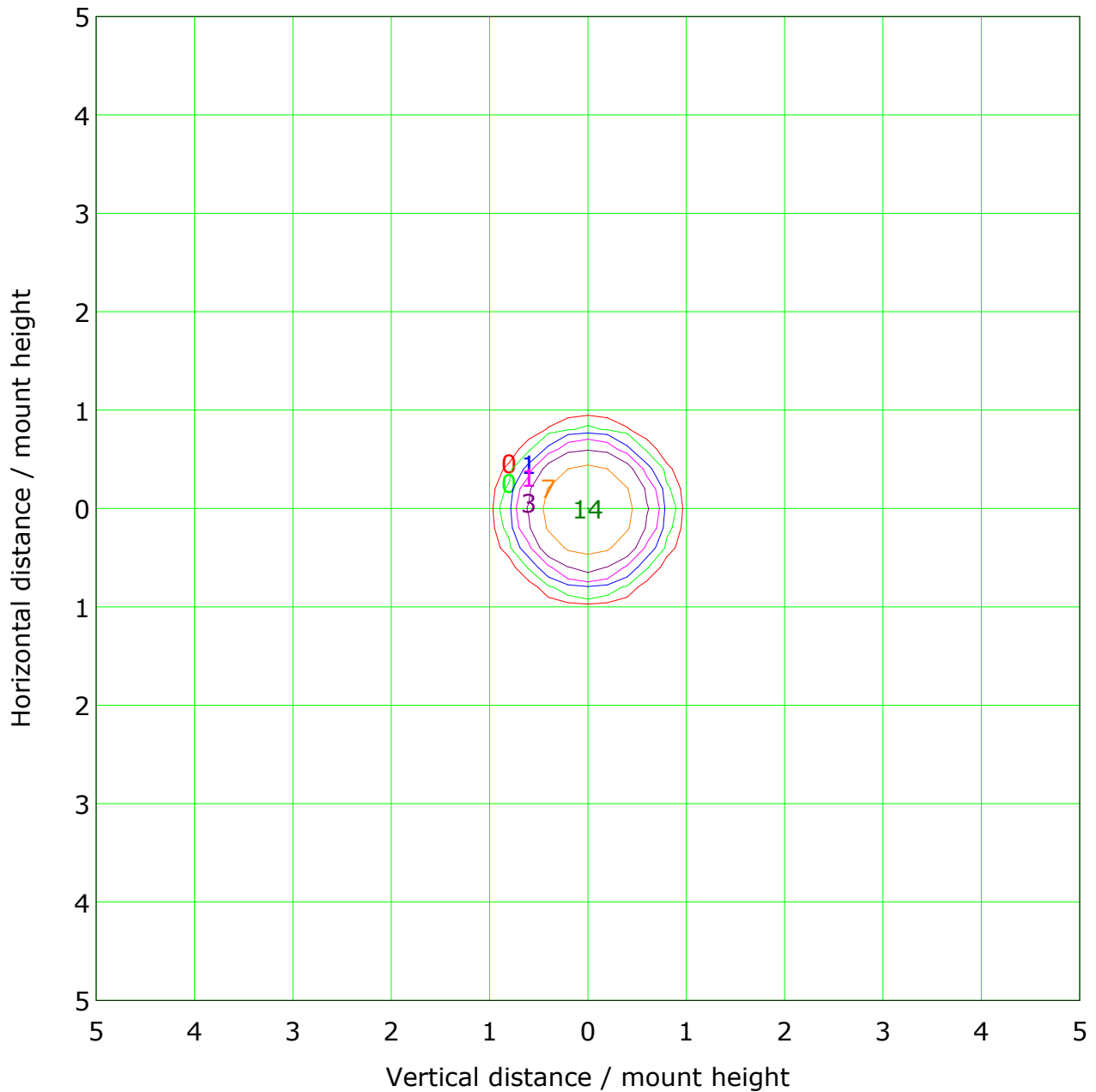
Test Device: CHL-6E

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

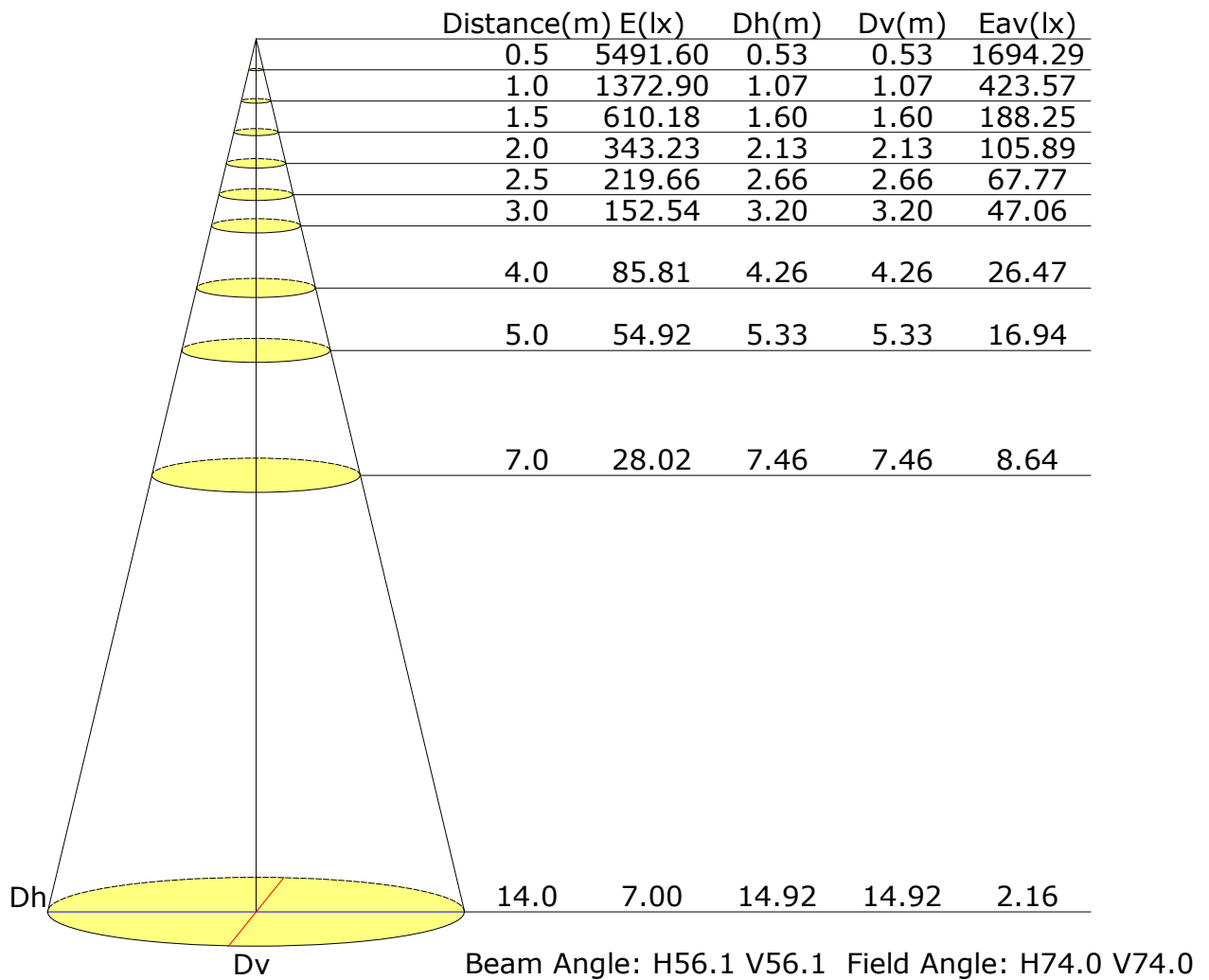
Test Device: CHL-6E

Distance: 3.000 m

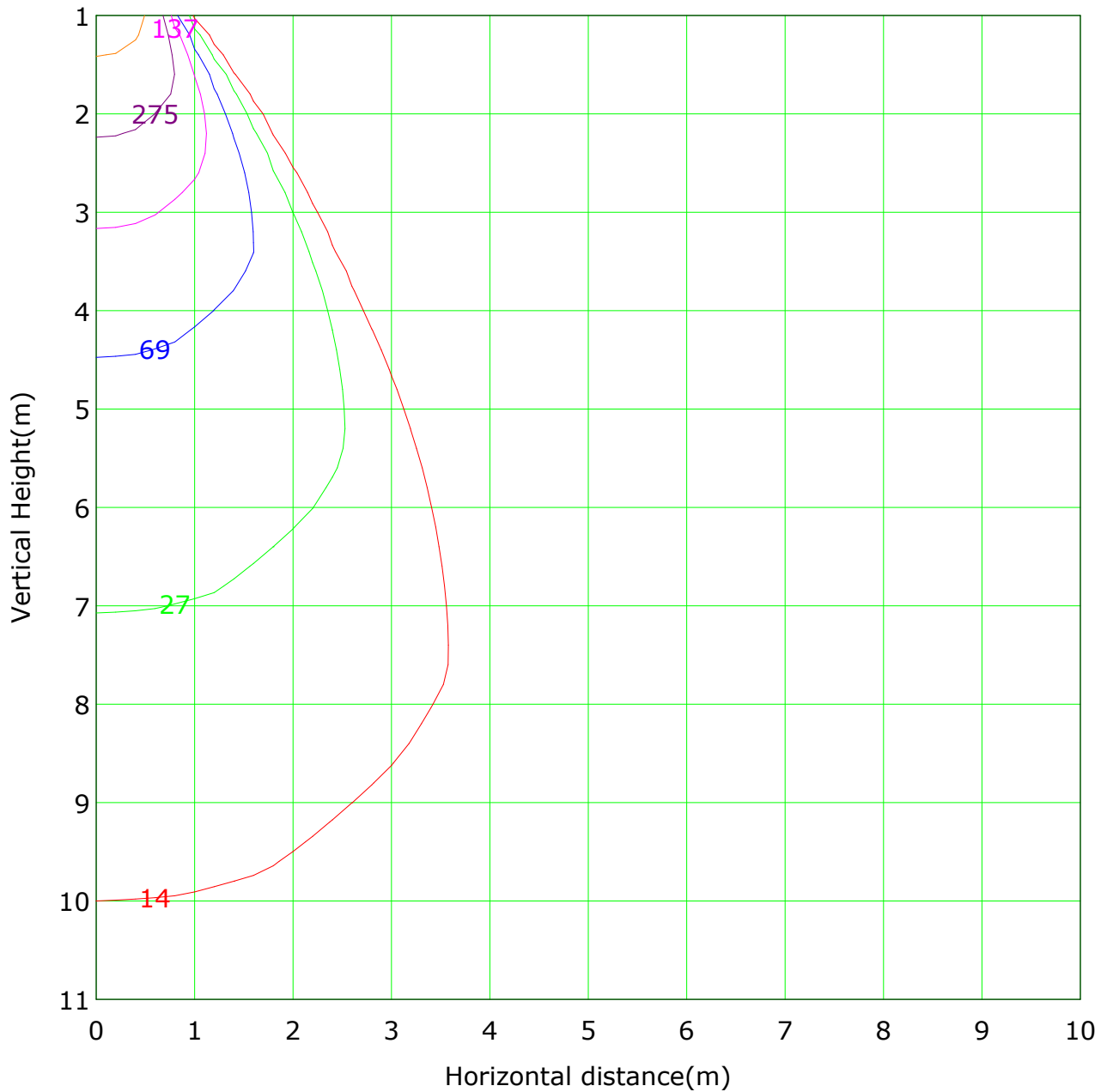
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



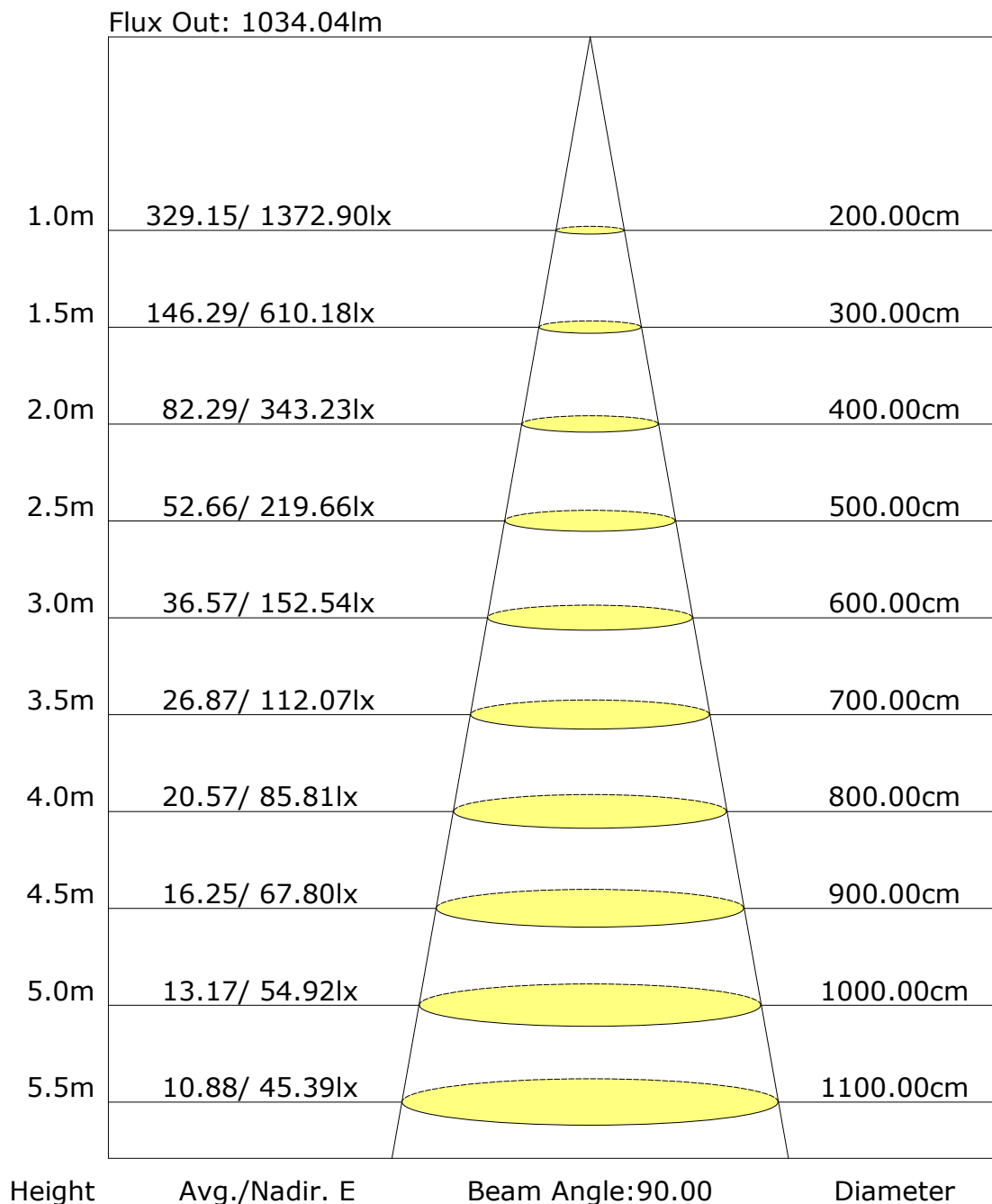
Lowest(m): 1m    Highest(m): 11    Max Lux: 1373

( 1%): 14 lx	( 2%): 27 lx
( 5%): 69 lx	( 10%): 137 lx
( 20%): 275 lx	( 50%): 686 lx
(100%): 1373 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: