

Report No.: 93.04520 Suspension Light

Test Time: 2023-09-07 11:02

## Luminaire Property

Luminaire Category: Bridgelux V6 3000K CRI90

Voltage: 215.2 V

Current: 0.117 A

Power: 14.30 W

Power Factor: 0.564

## Photometric Results

CIE Class: Direct

Measurement Flux: 1083.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H36.3

Vertical Diffuse Angle(50%): V36.3

Luminaire Efficacy Rating (LER): 76

Max. Intensity: 2731.79 cd

Total Rated Lamp Lumens: 1083.9 lm

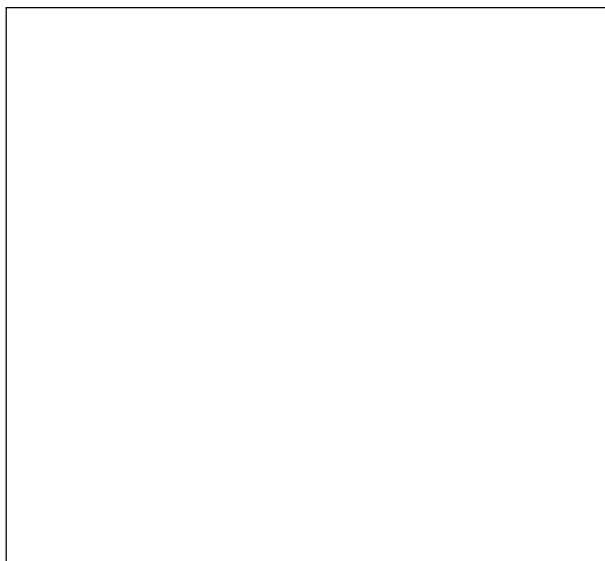
Efficiency: 100%

Upward Ratio: 0%

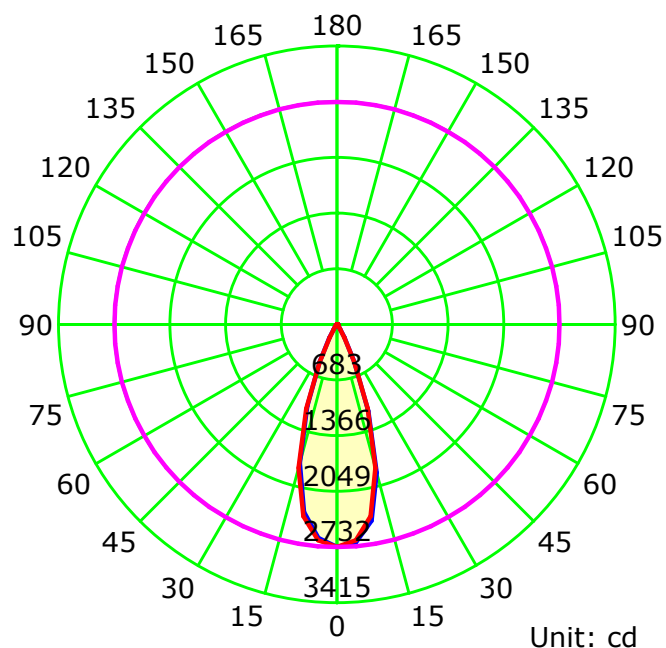
Central Intensity: 2731.78 cd

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

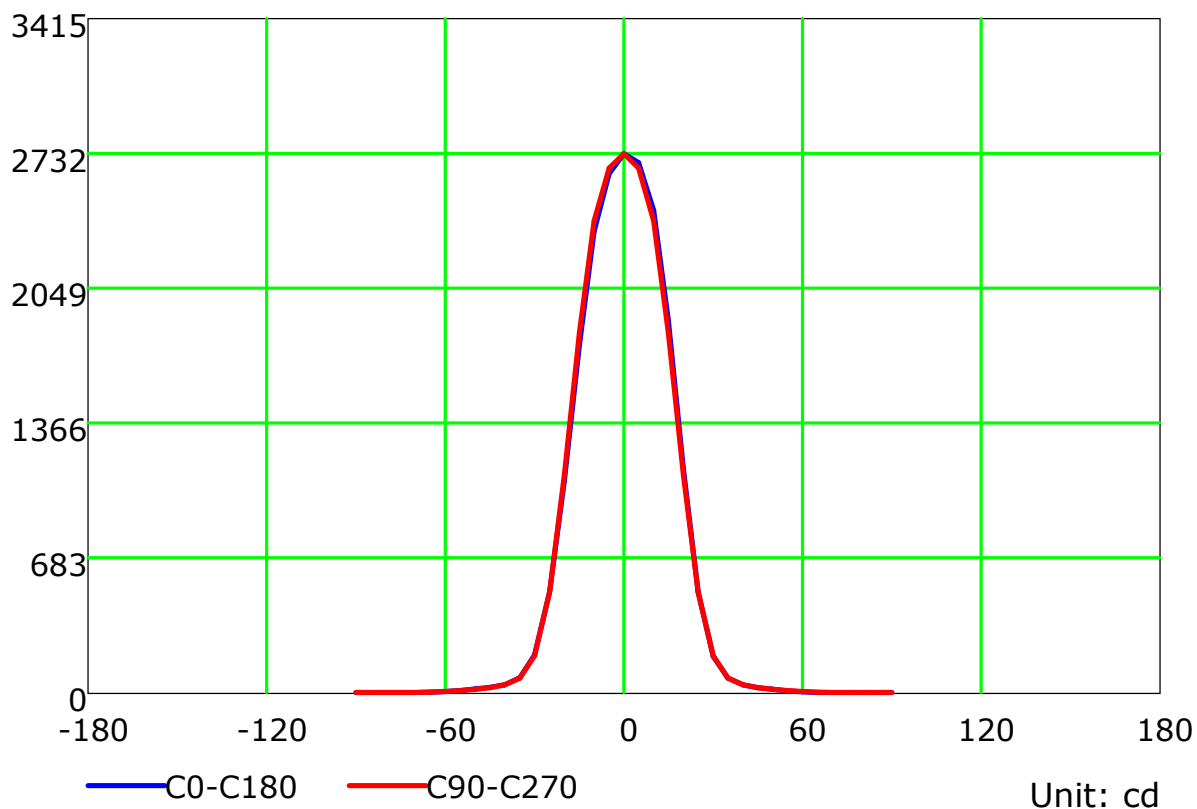
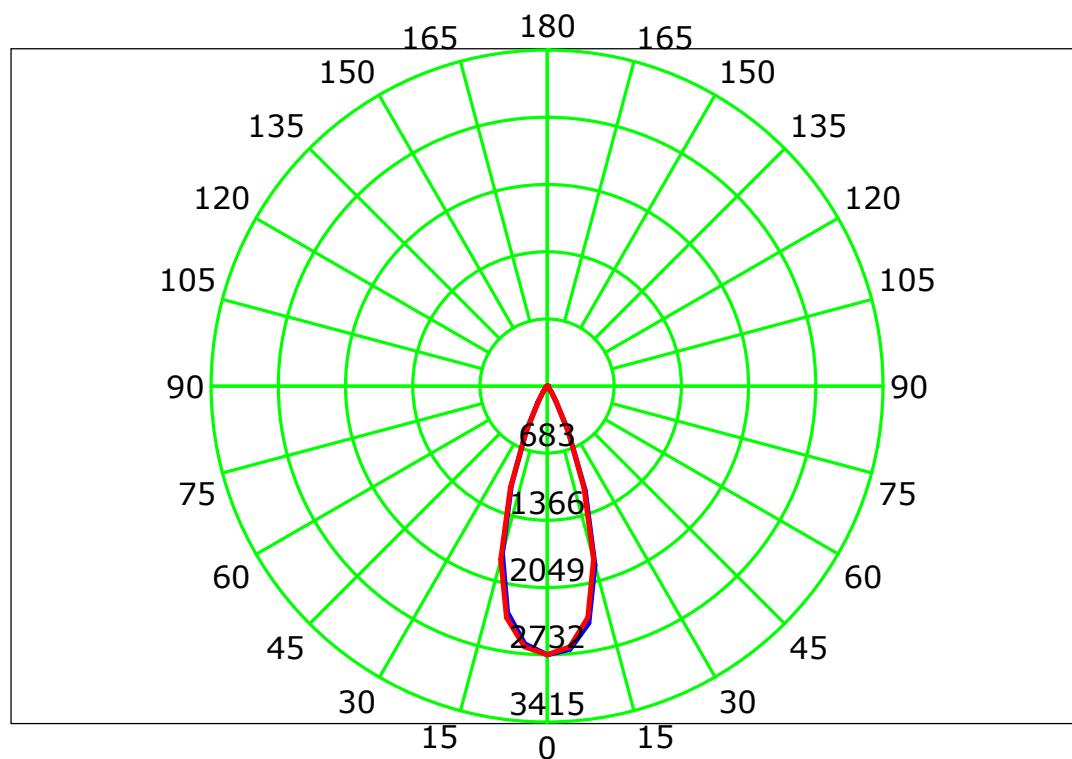
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

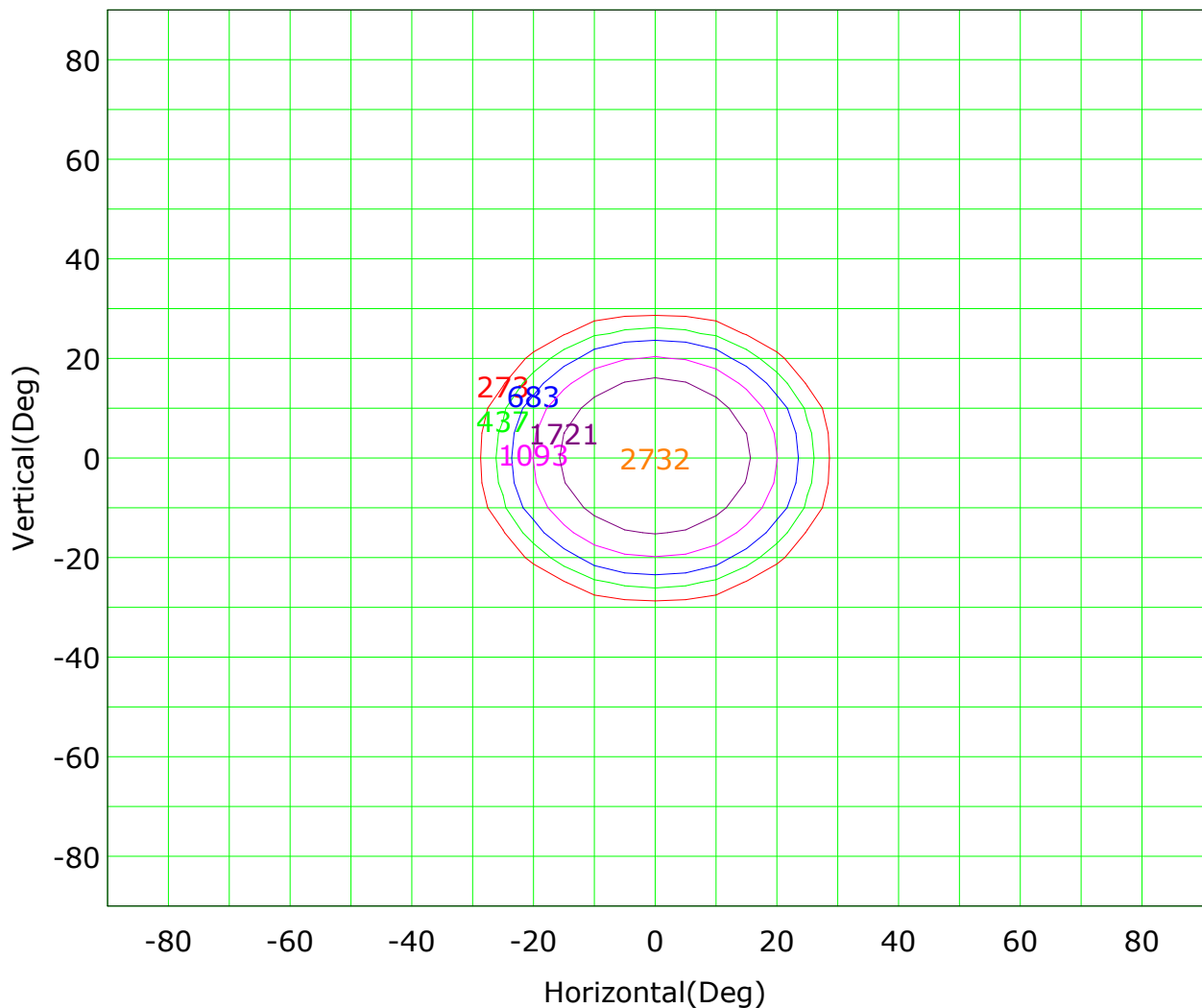
## Luminous Intensity Distribution Curve



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%): 2732 cd

( 10%): 273 cd	( 16%): 437 cd
( 25%): 683 cd	( 40%): 1093 cd
( 63%): 1721 cd	(100%): 2732 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

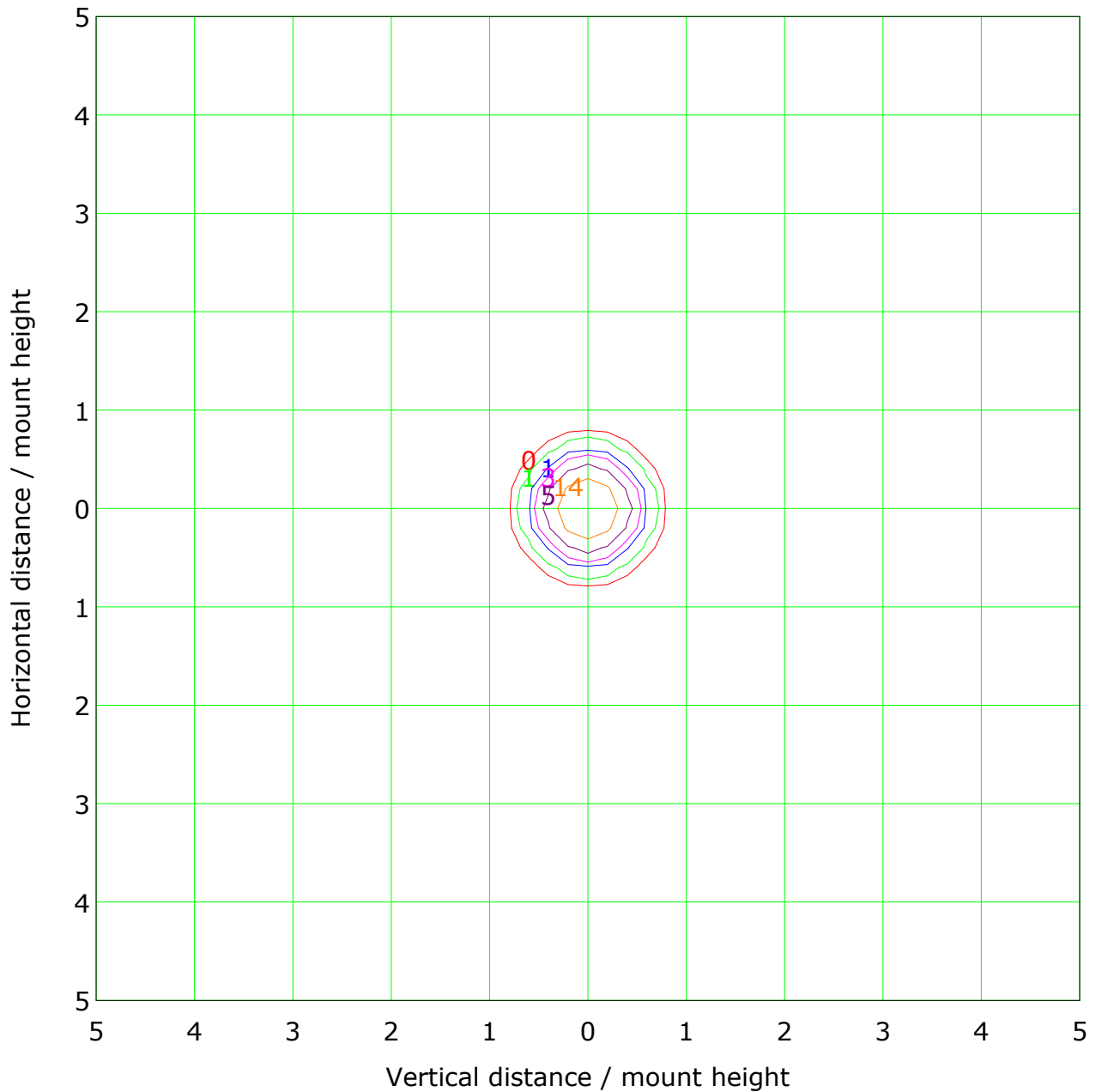
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 27 lx	
( 1%):	0 lx	( 2%):	1 lx
( 5%):	1 lx	( 10%):	3 lx
( 20%):	5 lx	( 50%):	14 lx
(100%):	27 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

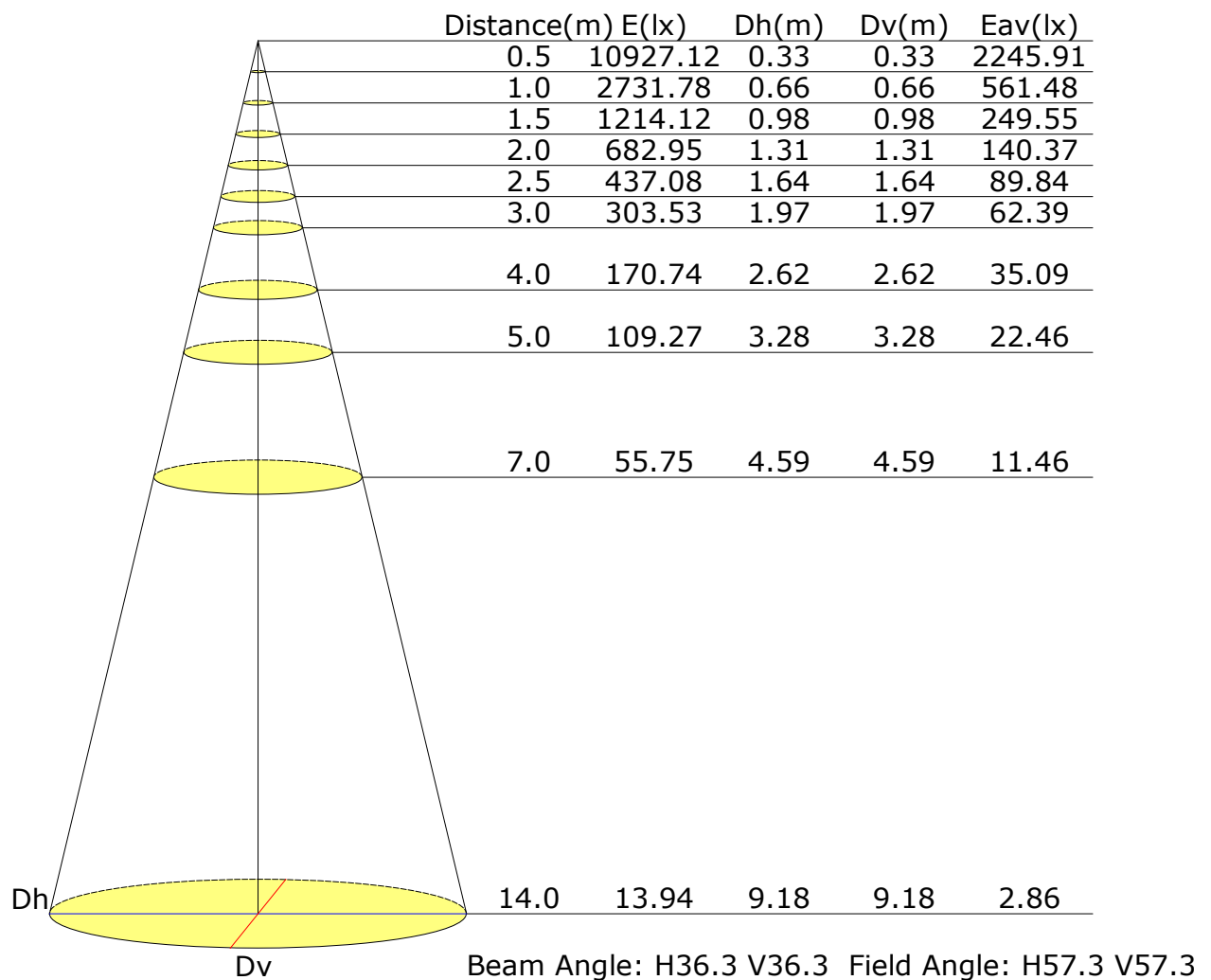
Test Device: CHL-6E

Distance: 3.000 m

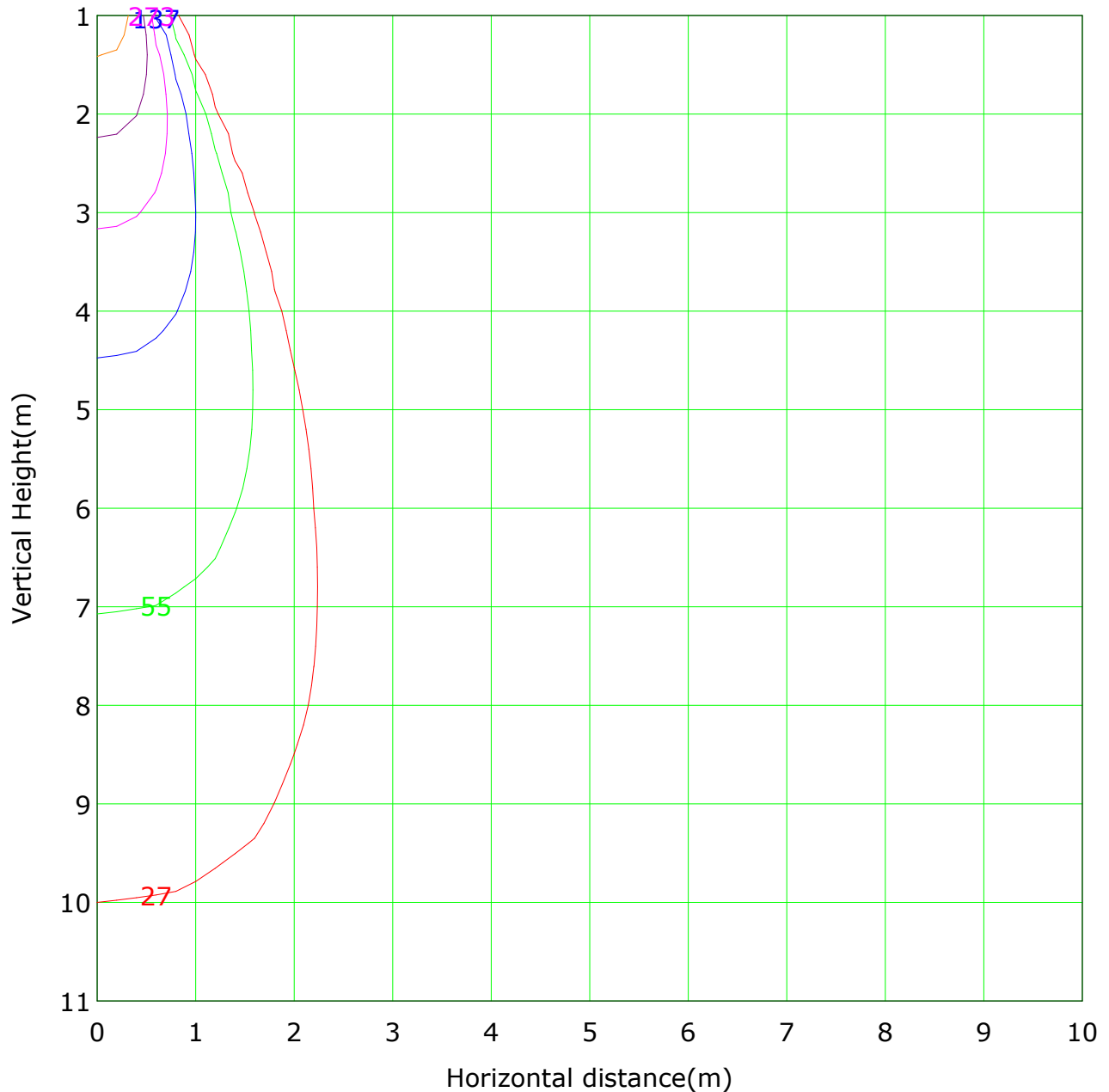
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot

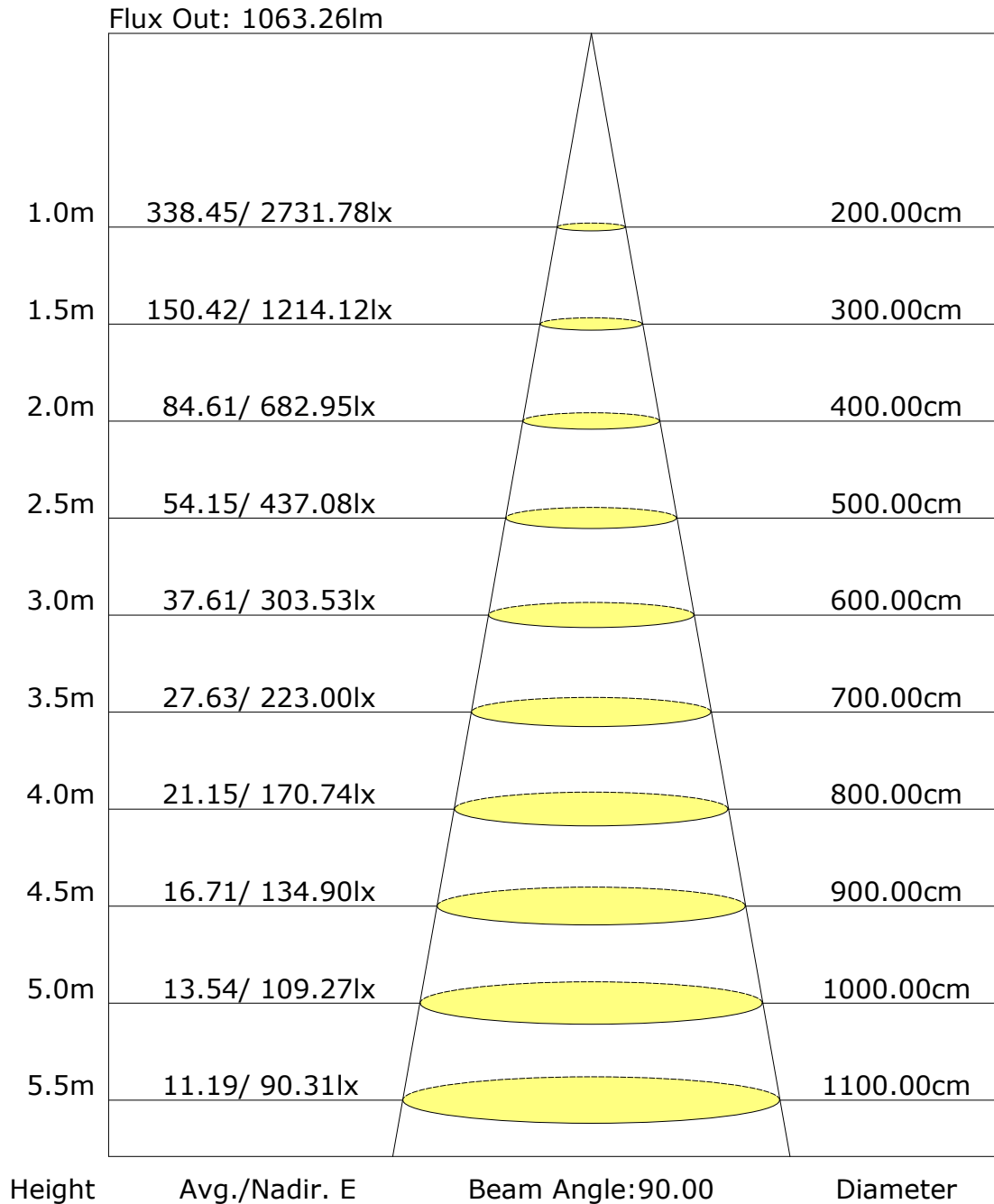


Lowest(m): 1m    Highest(m): 11    Max Lux: 2732	
( 1%):    27 lx	( 2%):    55 lx
( 5%):    137 lx	( 10%):    273 lx
( 20%):    546 lx	( 50%):    1366 lx
(100%):    2732 lx	

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:

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: