

Report No.: 52.04511 Recessed Downlight Test Time: 2023-07-03 15:07

## Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90  
Luminaire Description: 36D  
Current: 0.055 A  
Power Factor: 0.549  
Voltage: 212.7 V  
Power: 6.50 W

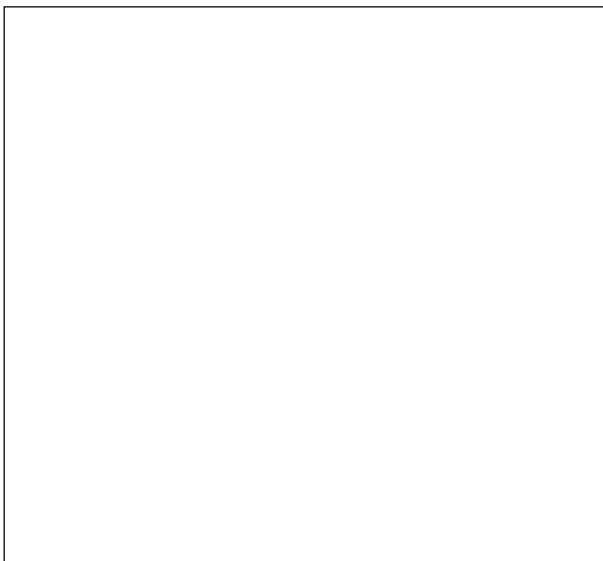
## Photometric Results

CIE Class: Direct  
Measurement Flux: 324.3 lm  
Downward Ratio: 100%  
Horizontal Diffuse Angle(50%): H27.4  
Vertical Diffuse Angle(50%): V27.4  
Luminaire Efficacy Rating (LER): 50  
Max. Intensity: 934.78 cd

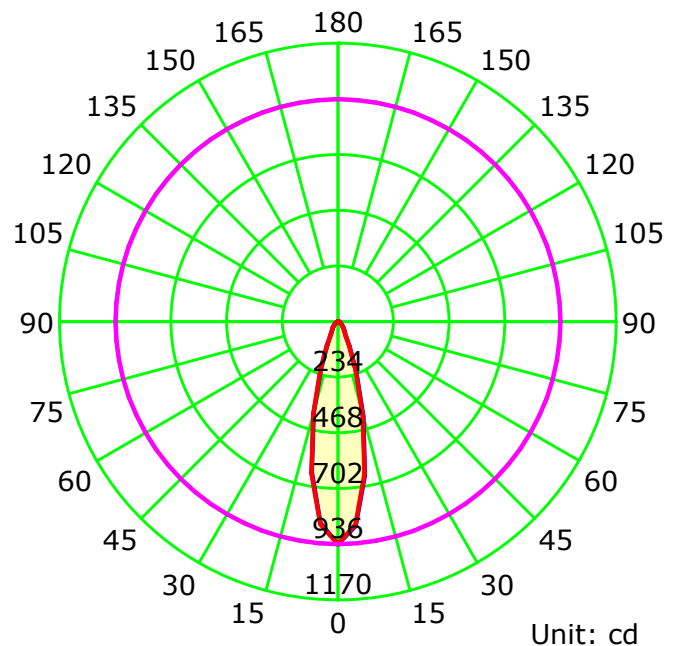
Total Rated Lamp Lumens: 324.3 lm  
Efficiency: 100%  
Upward Ratio: 0%

Central Intensity: 934.77 cd  
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve

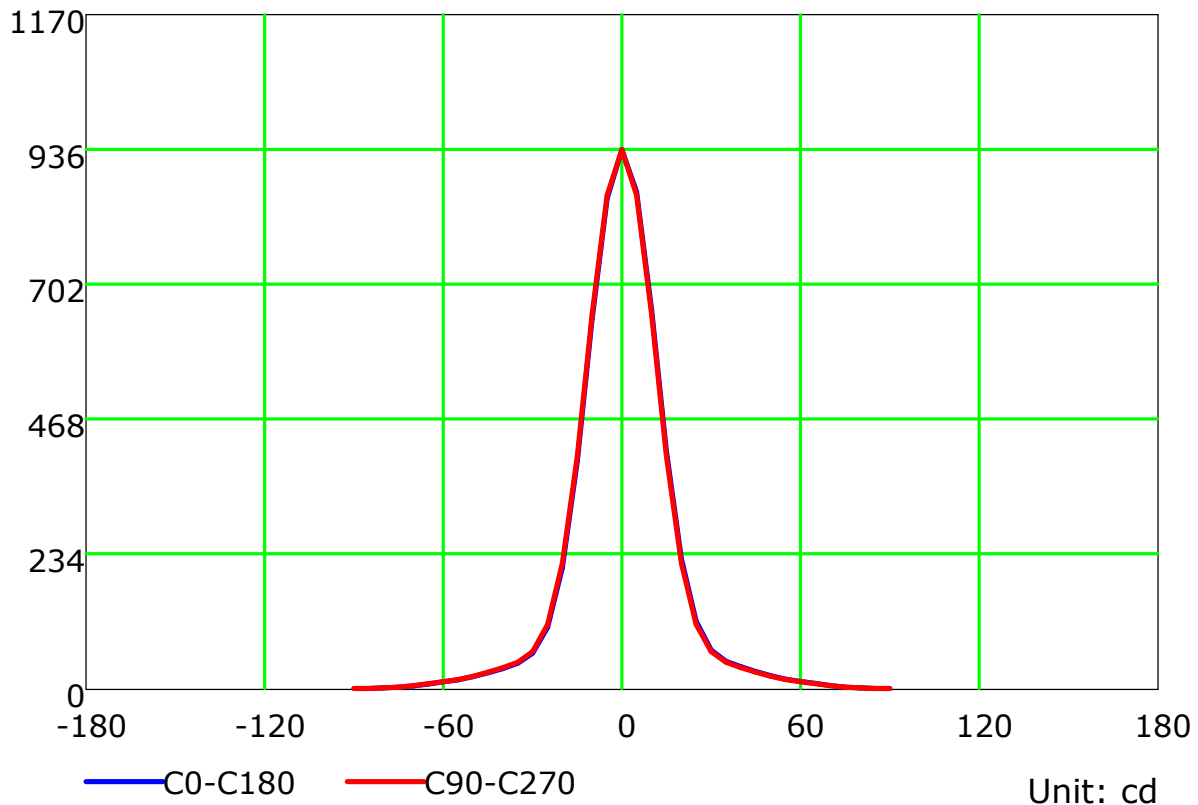
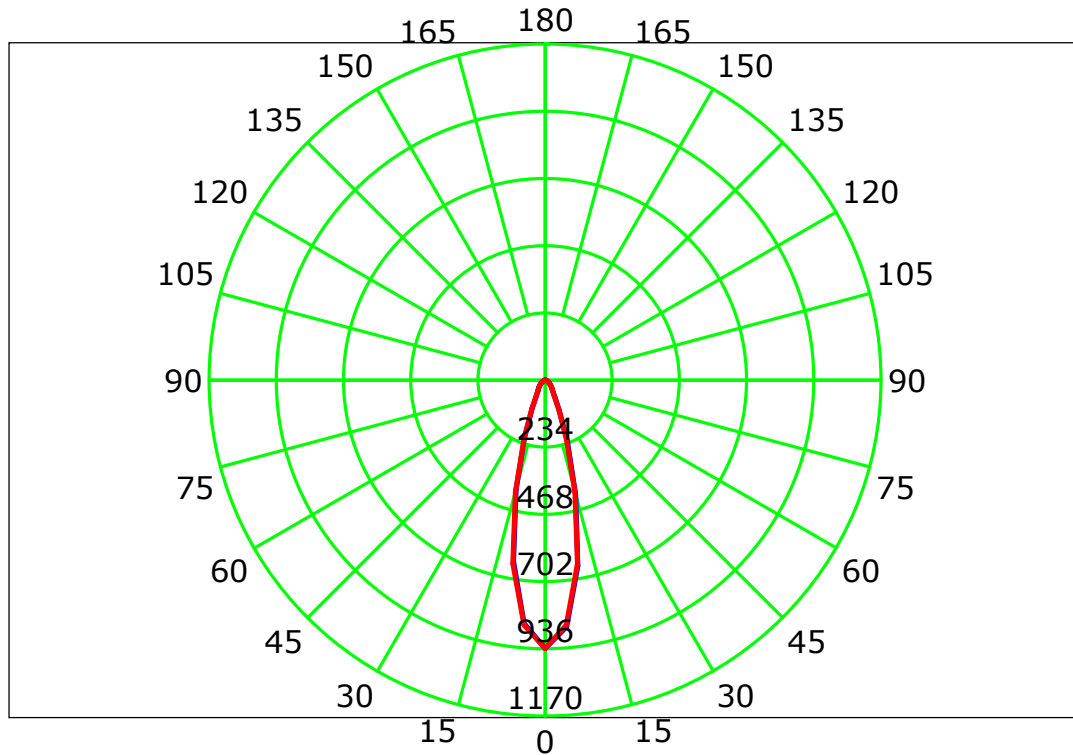


— C0-C180 — C90-C270 — G0

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:

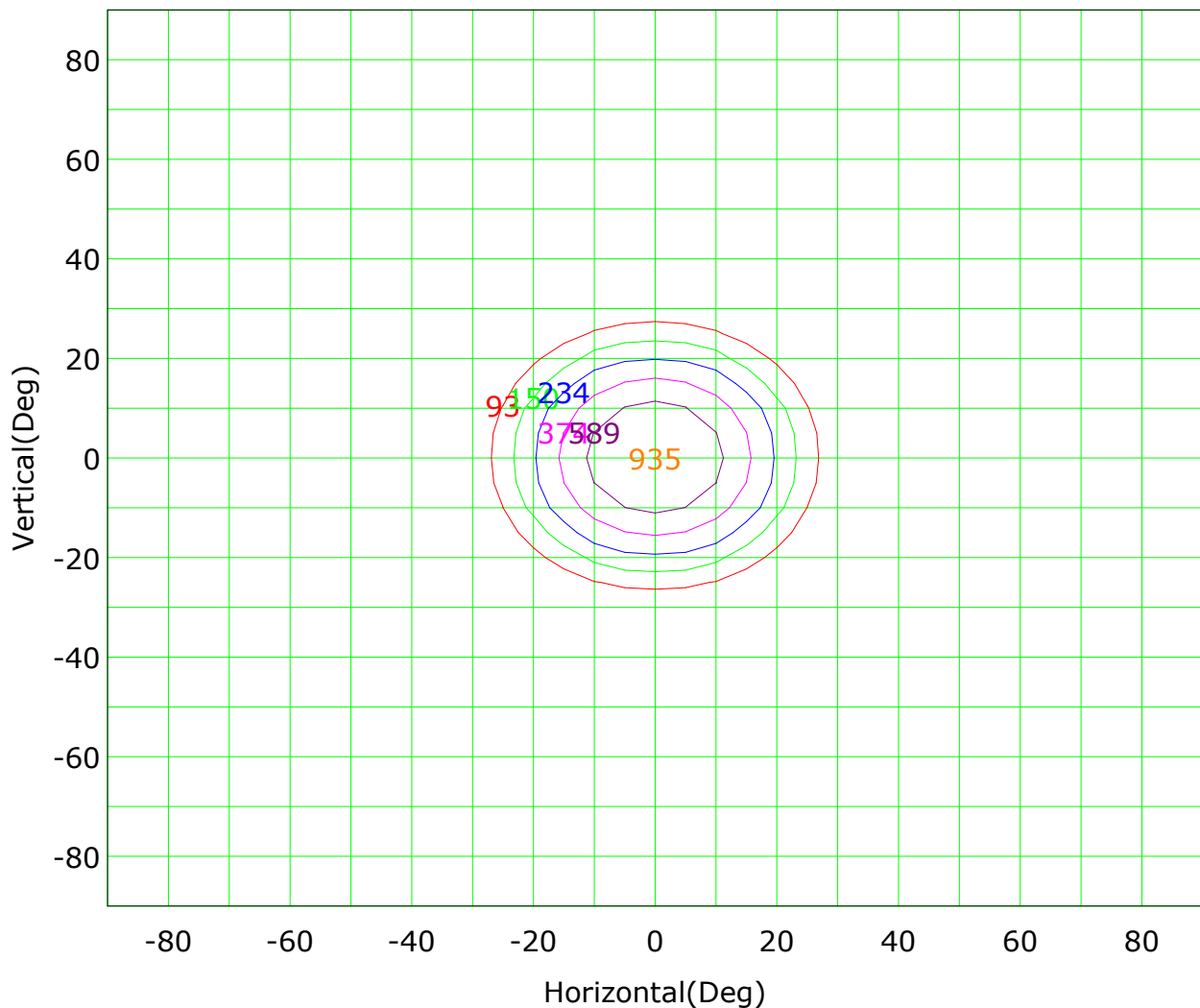
## Luminous Intensity Distribution Curve



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%): 935 cd

( 10%): 93 cd	( 16%): 150 cd
( 25%): 234 cd	( 40%): 374 cd
( 63%): 589 cd	(100%): 935 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

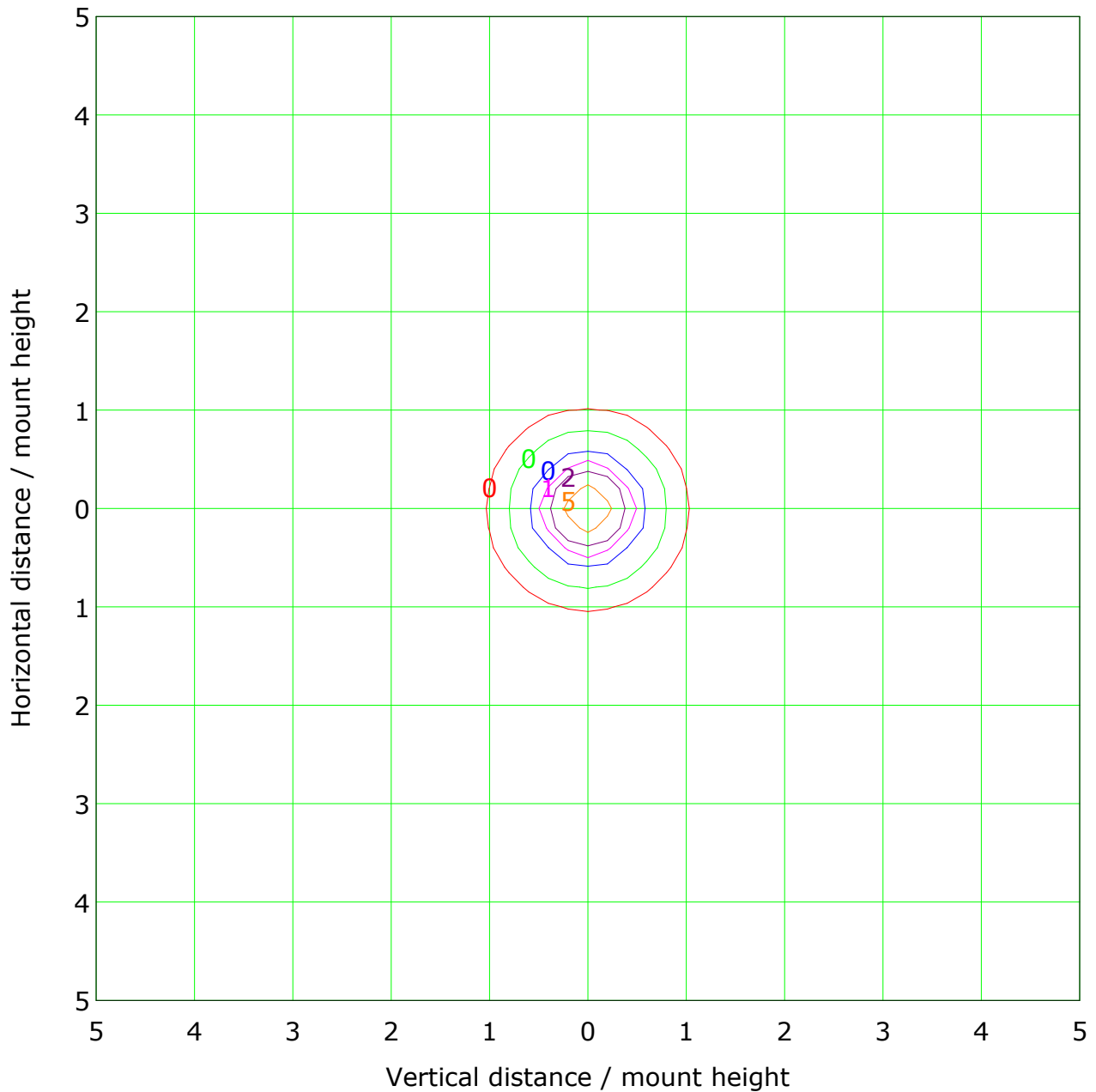
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m Max Lux(100%): 9 lx

( 1%):	0 lx	( 2%):	0 lx
( 5%):	0 lx	( 10%):	1 lx
( 20%):	2 lx	( 50%):	5 lx
(100%):	9 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

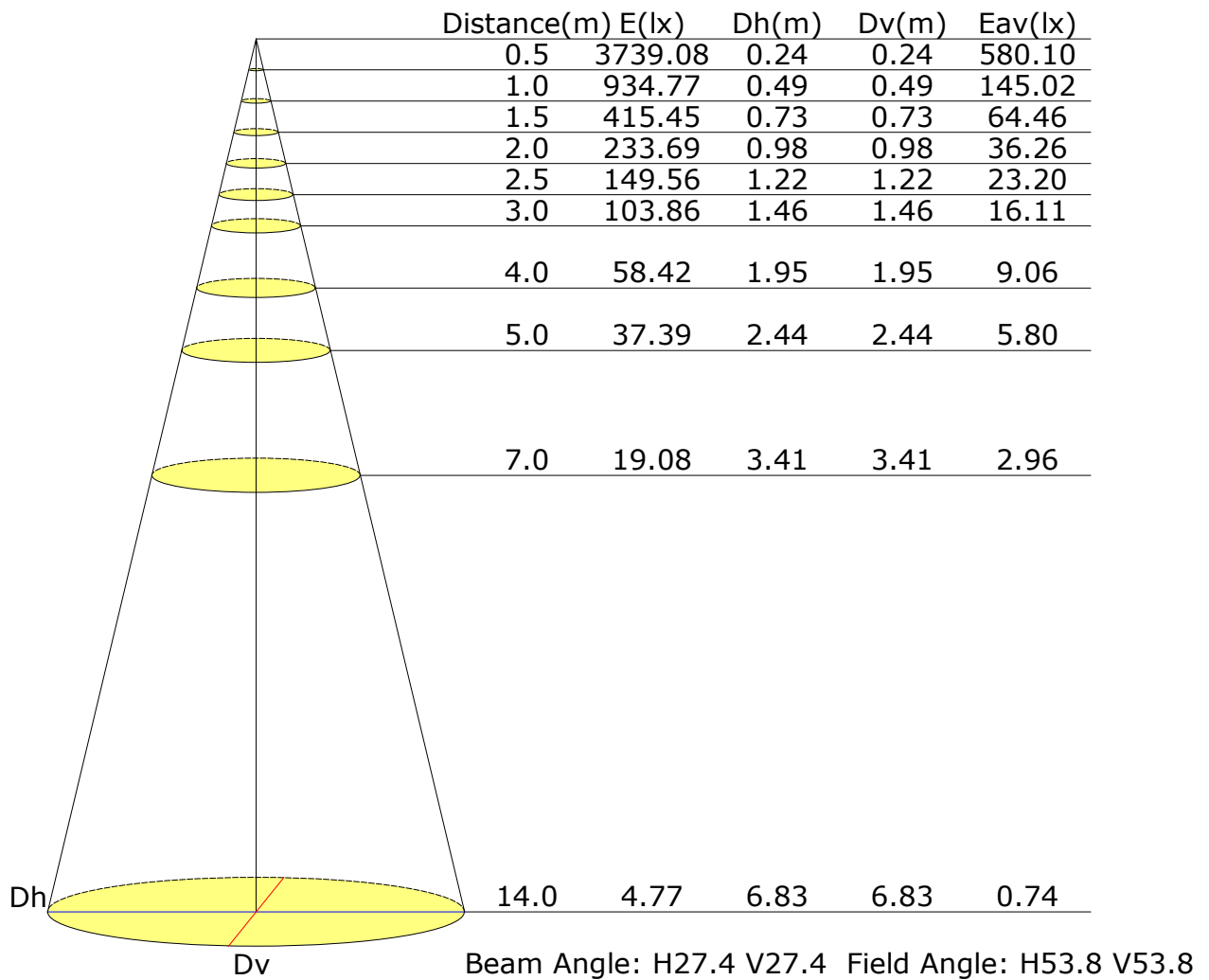
Test Device: CHL-6E

Distance: 3.000 m

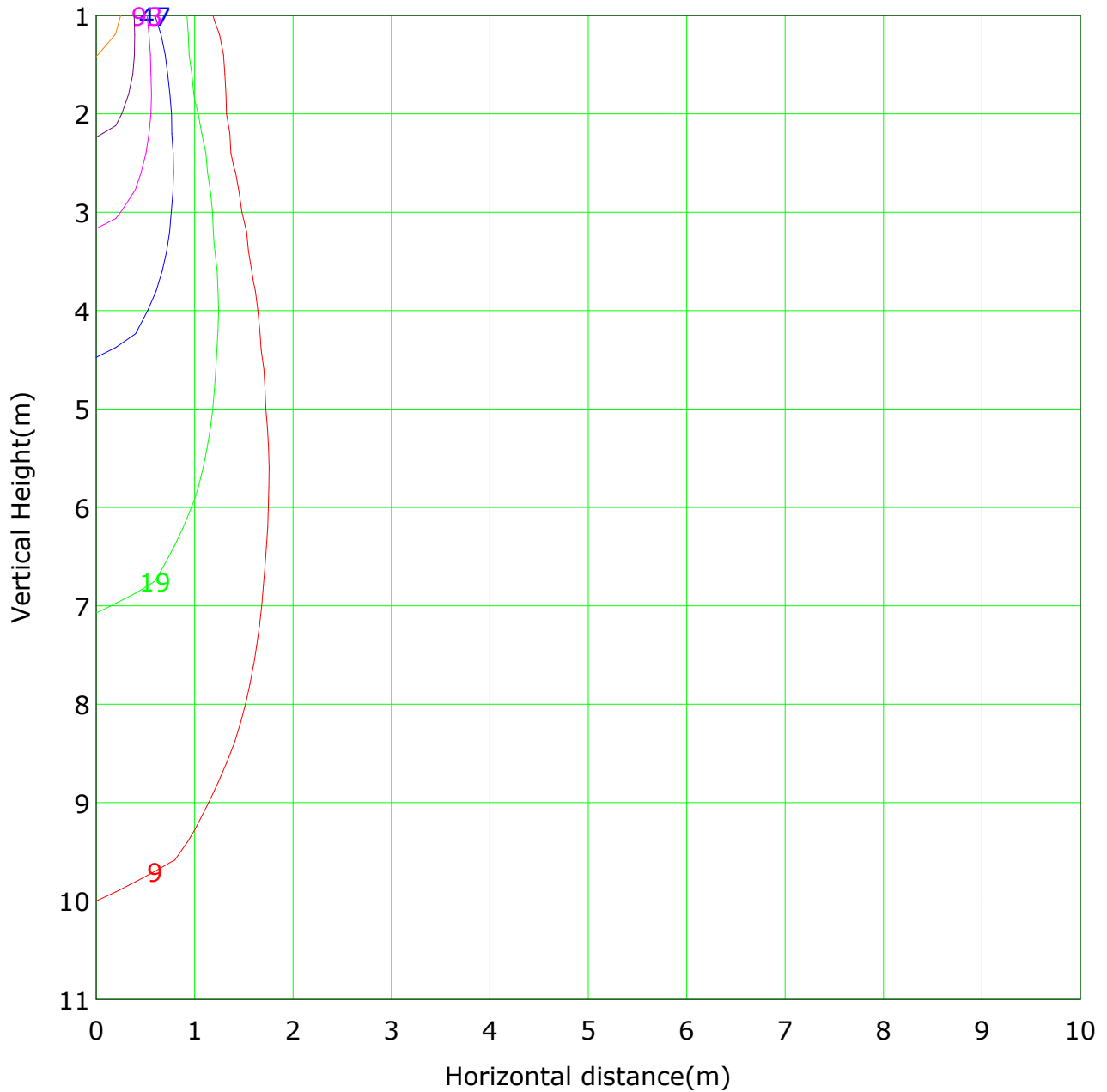
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



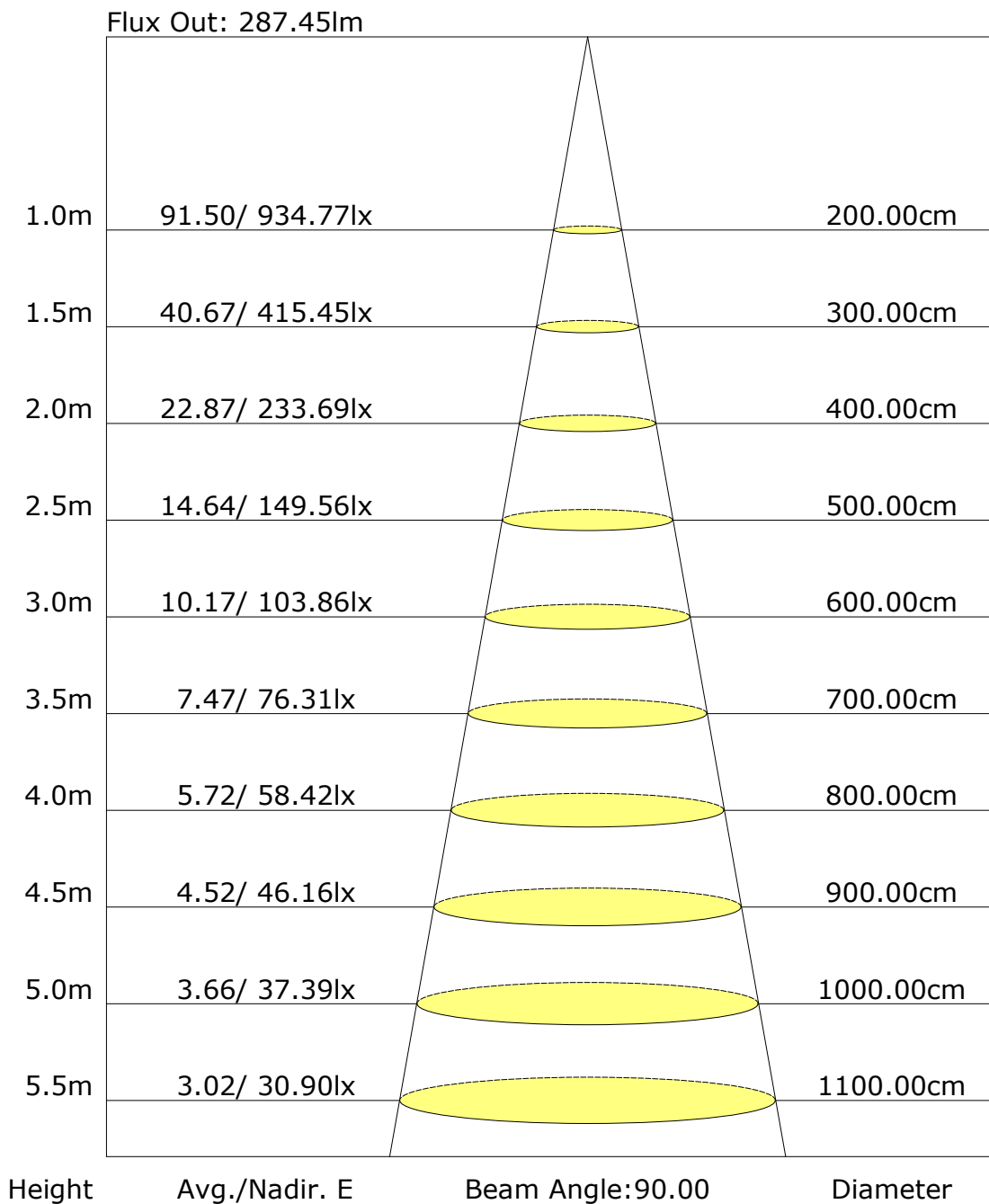
Lowest(m): 1m    Highest(m): 11    Max Lux: 935

( 1%): 9 lx	( 2%): 19 lx
( 5%): 47 lx	( 10%): 93 lx
( 20%): 187 lx	( 50%): 467 lx
(100%): 935 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: