

Report No.:

Test Time: 2023-07-03 16:52

## Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90

Luminaire Description: 93.06211 36D

Voltage: 215.4 V

Current: 0.047 A

Power: 5.20 W

Power Factor: 0.505

## Photometric Results

CIE Class: Direct

Measurement Flux: 374.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H38.5

Vertical Diffuse Angle(50%): V38.5

Luminaire Efficacy Rating (LER): 72

Max. Intensity: 818.77 cd

Total Rated Lamp Lumens: 374.6 lm

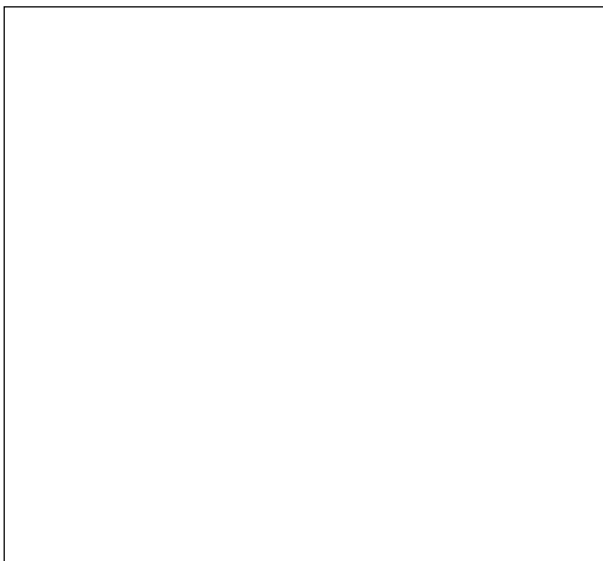
Efficiency: 100%

Upward Ratio: 0%

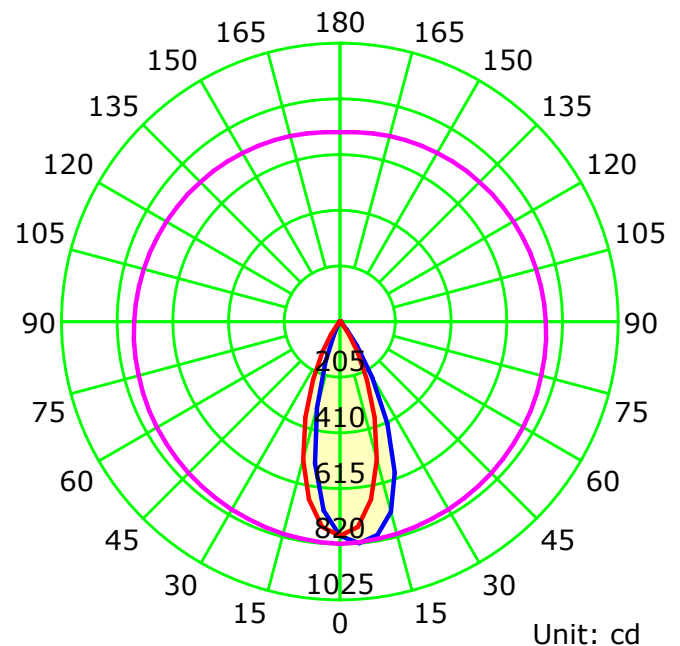
Central Intensity: 788.19 cd

Pos of Max. Intensity: H0 V5

## Picture Of Luminaire



### Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G5

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

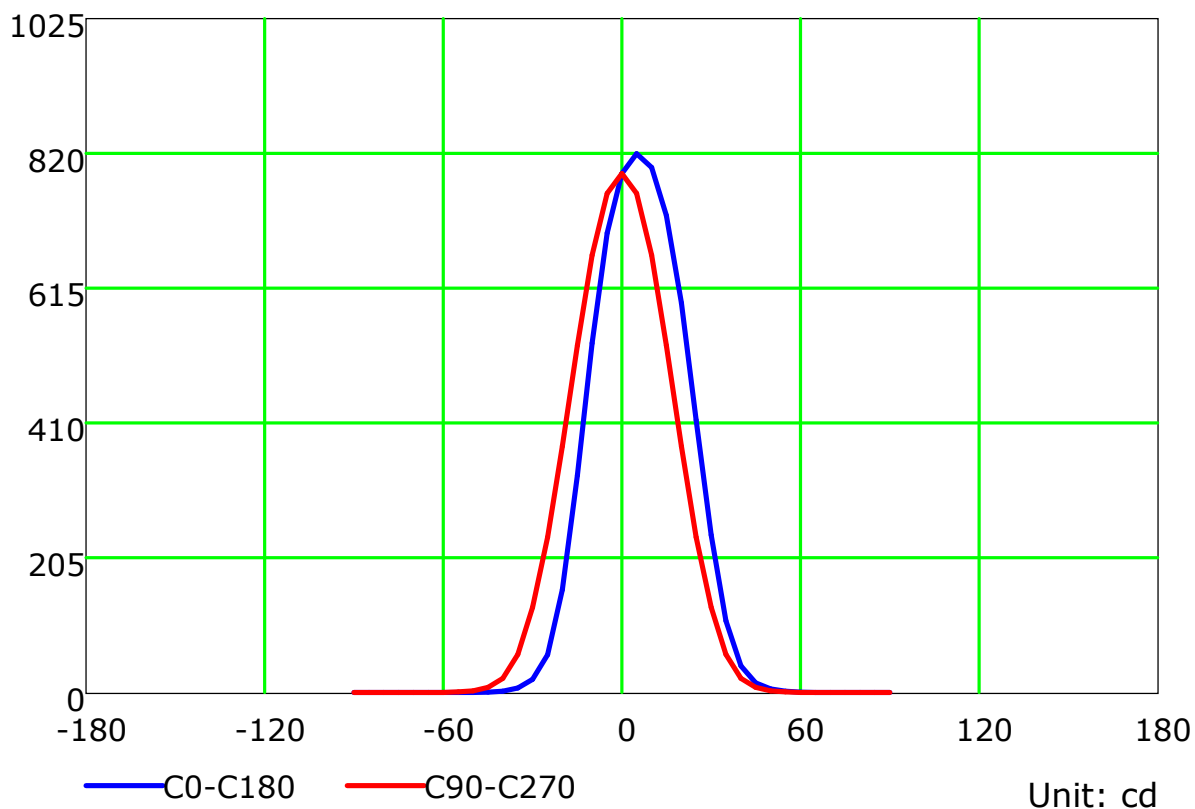
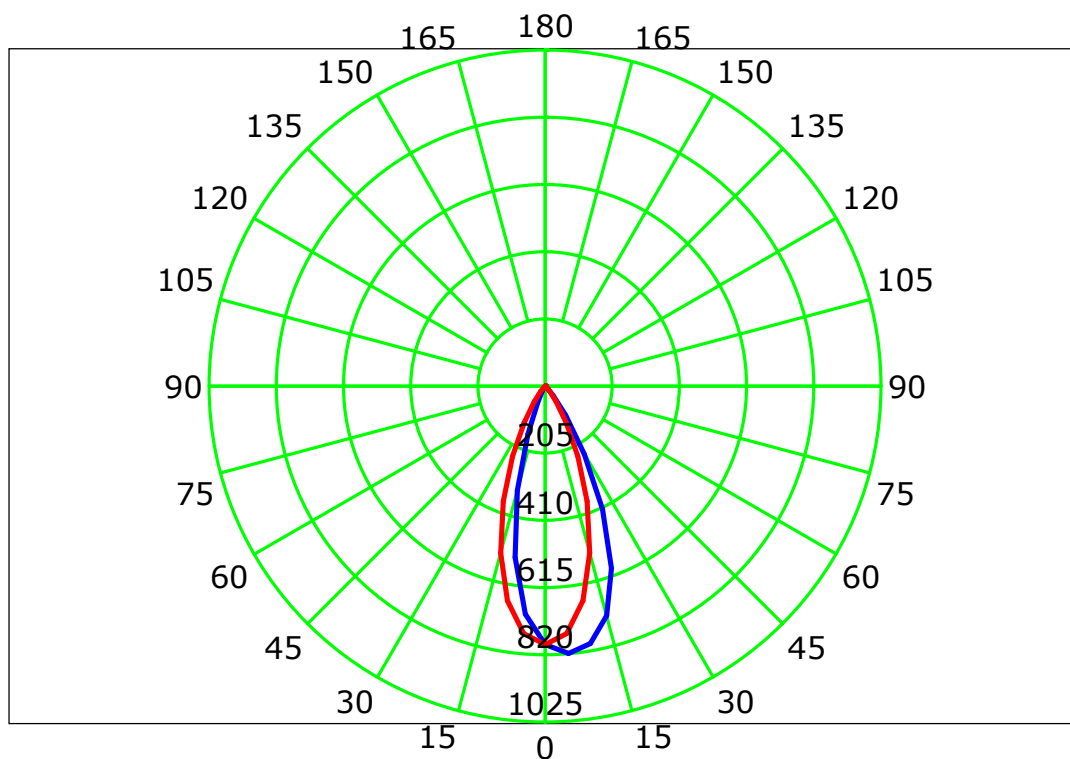
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Luminous Intensity Distribution Curve

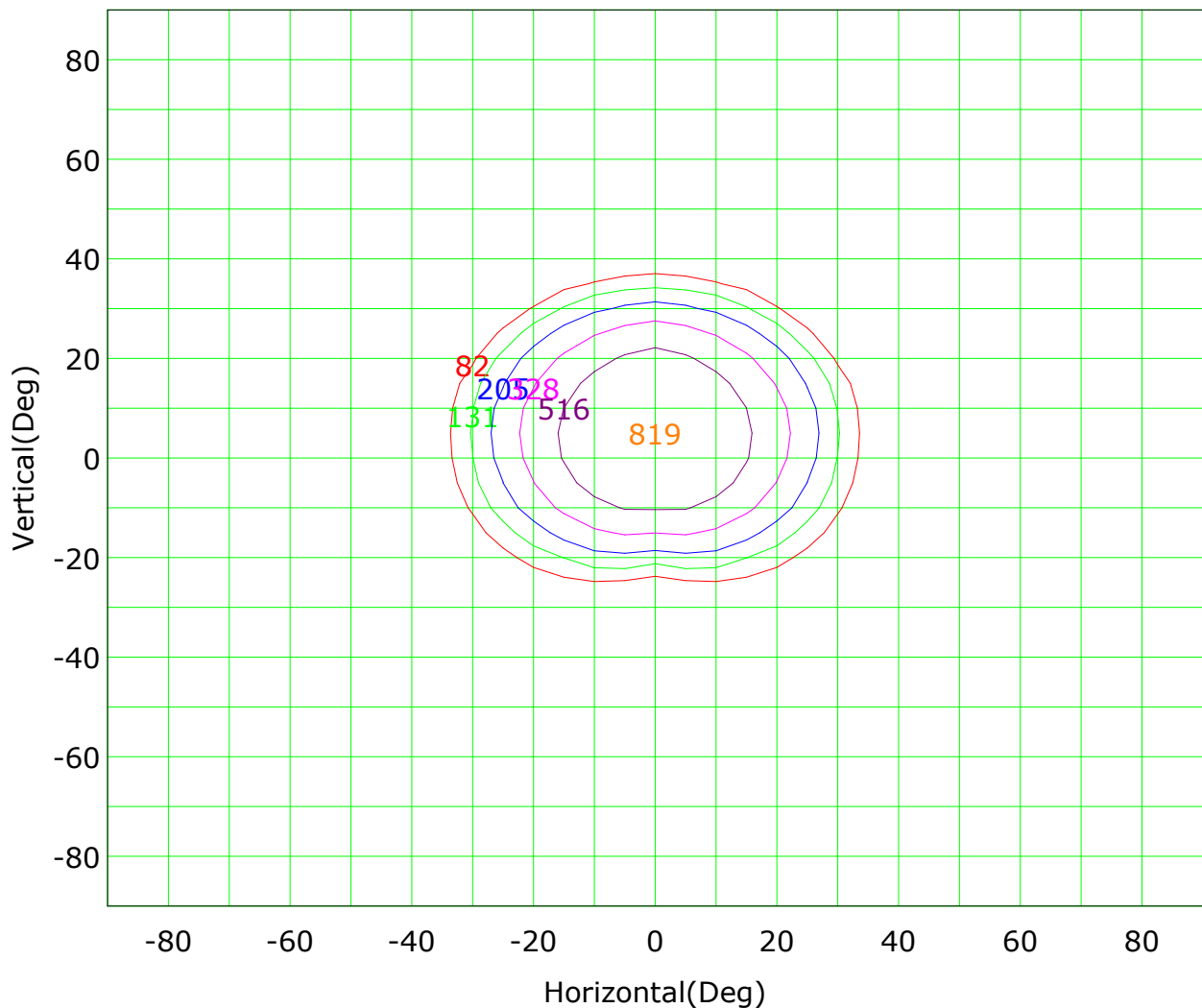


Unit: cd

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:

## Isocandela (rectangle)



Imax (100%): 819 cd

( 10%):	82 cd	( 16%):	131 cd
( 25%):	205 cd	( 40%):	328 cd
( 63%):	516 cd	(100%):	819 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

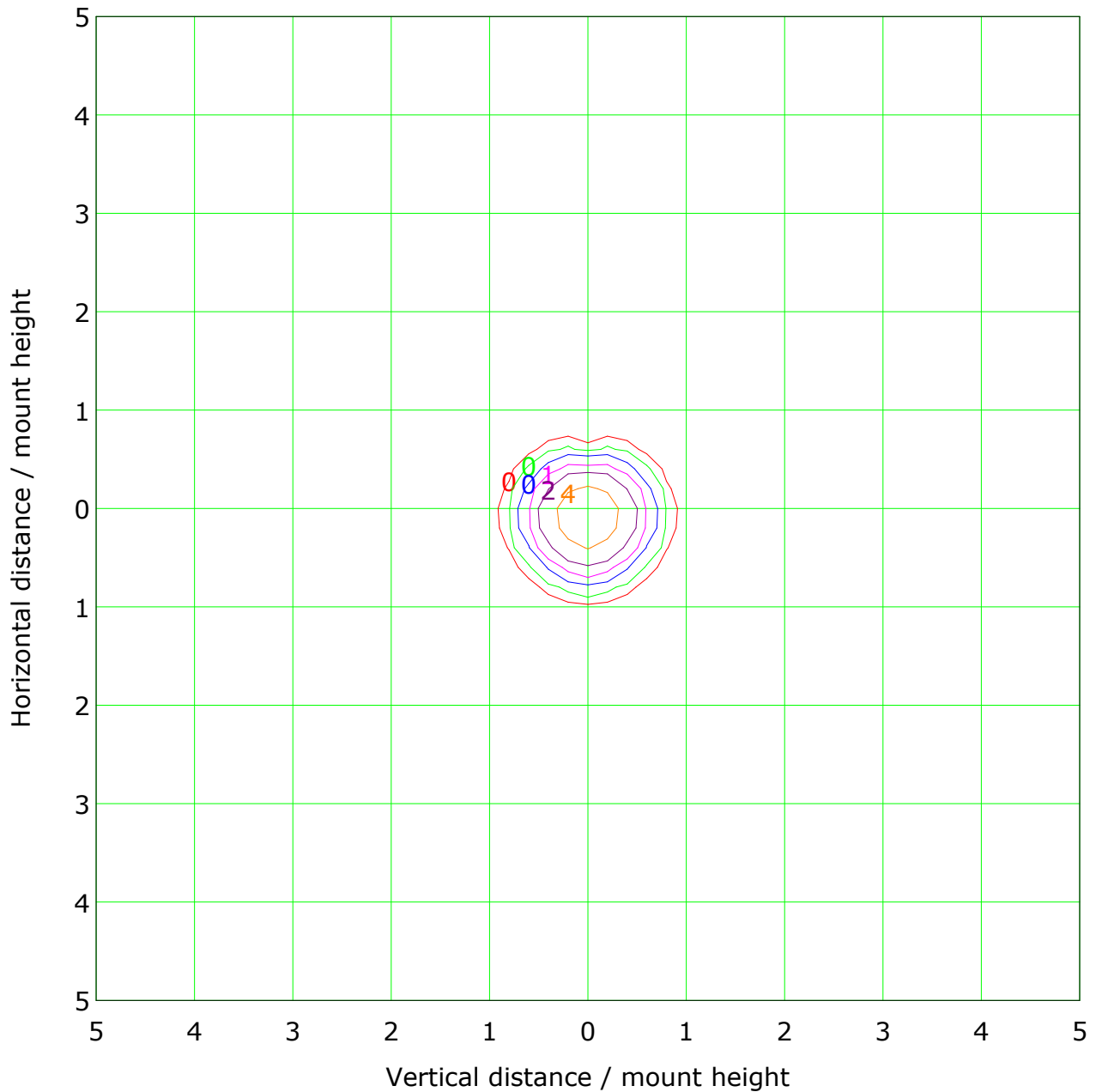
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m Max Lux(100%): 8 lx

( 1%):	0 lx	( 2%):	0 lx
( 5%):	0 lx	( 10%):	1 lx
( 20%):	2 lx	( 50%):	4 lx
(100%):	8 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

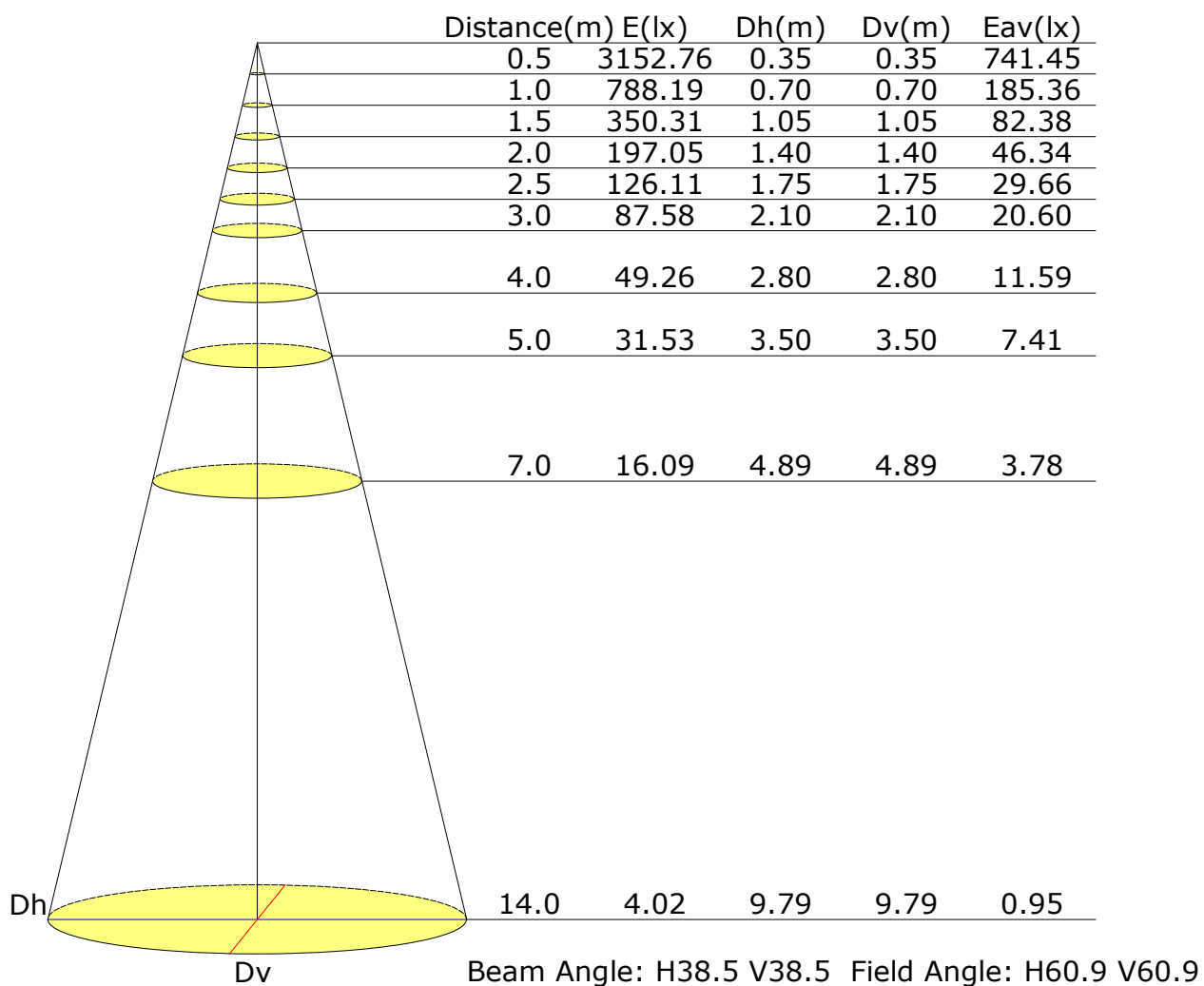
Test Device: CHL-6E

Distance: 3.000 m

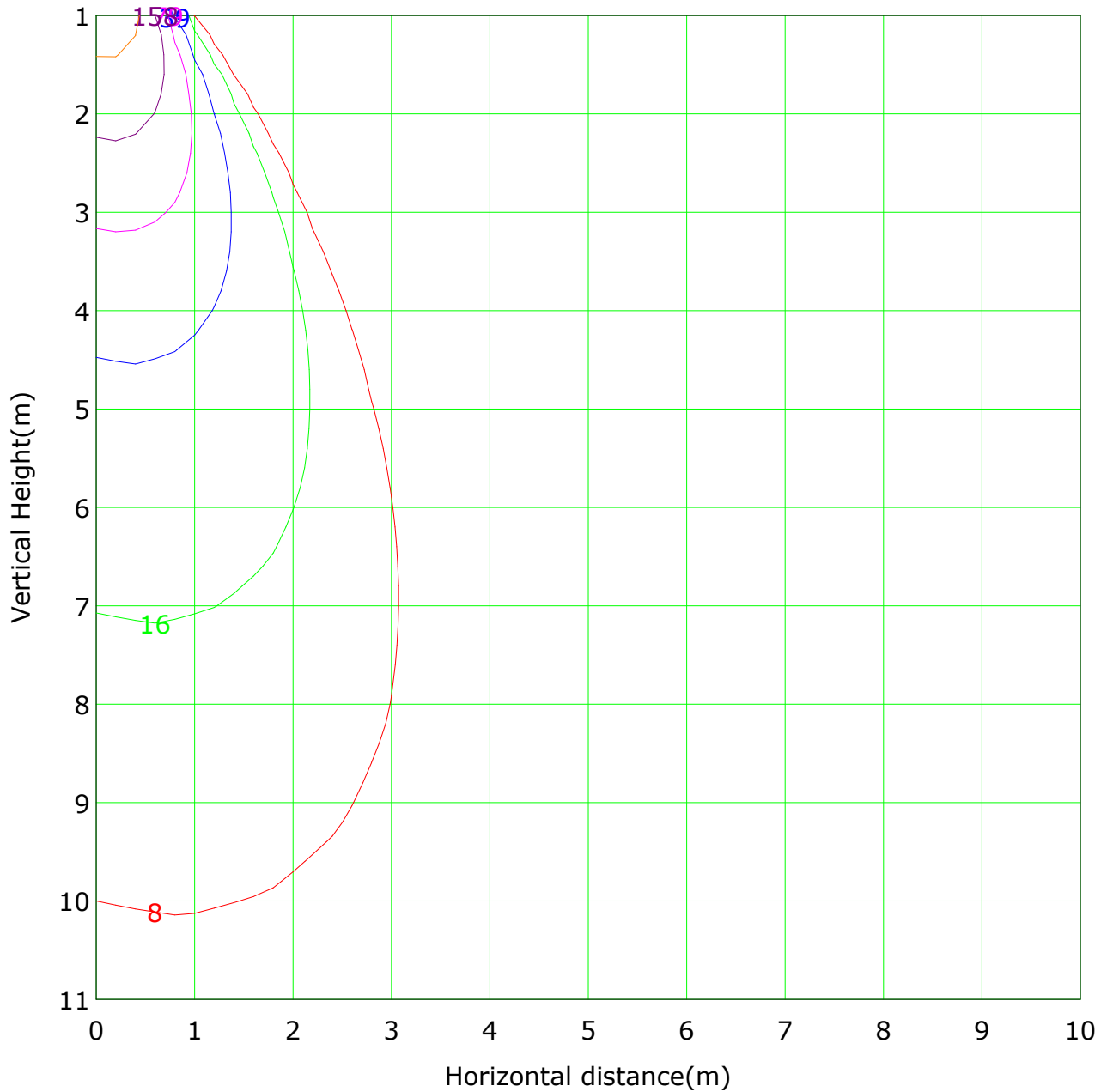
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot

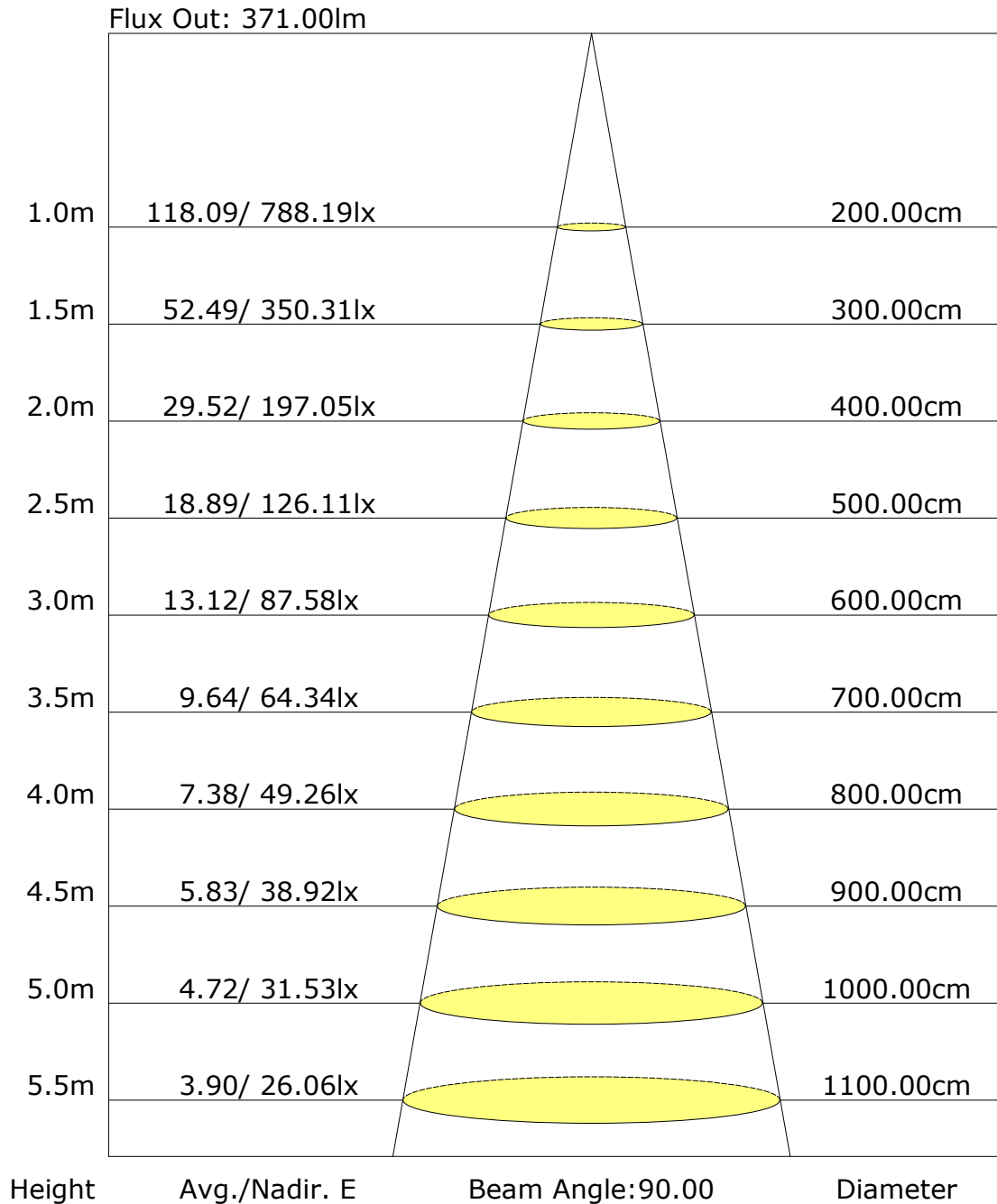


Lowest(m): 1m    Highest(m): 11    Max Lux: 788	
( 1%):    8 lx	( 2%):    16 lx
( 5%):    39 lx	( 10%):    79 lx
( 20%):    158 lx	( 50%):    394 lx
(100%):    788 lx	

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: