

Report No.: 32.04526 Tracklight

Test Time: 2023-07-13 14:30

## Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90

Voltage: 211.2 V

Current: 0.142 A

Power: 11.80 W

Power Factor: 0.385

## Photometric Results

CIE Class: Direct

Measurement Flux: 659.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H19.8

Vertical Diffuse Angle(50%): V19.8

Luminaire Efficacy Rating (LER): 56

Max. Intensity: 3835.3 cd

Total Rated Lamp Lumens: 659.8 lm

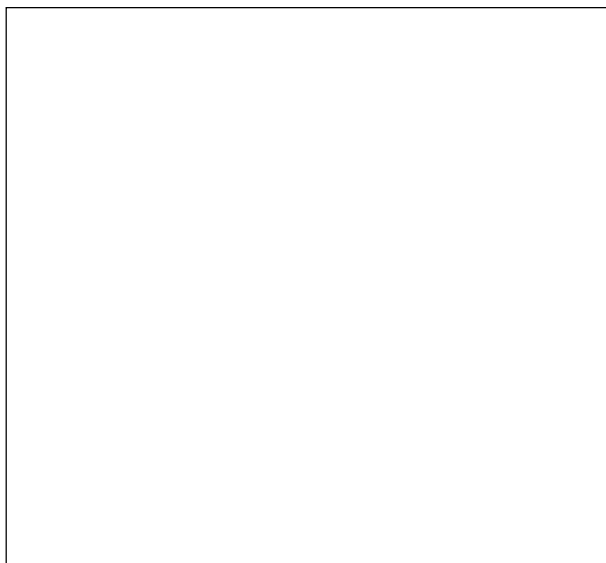
Efficiency: 100%

Upward Ratio: 0%

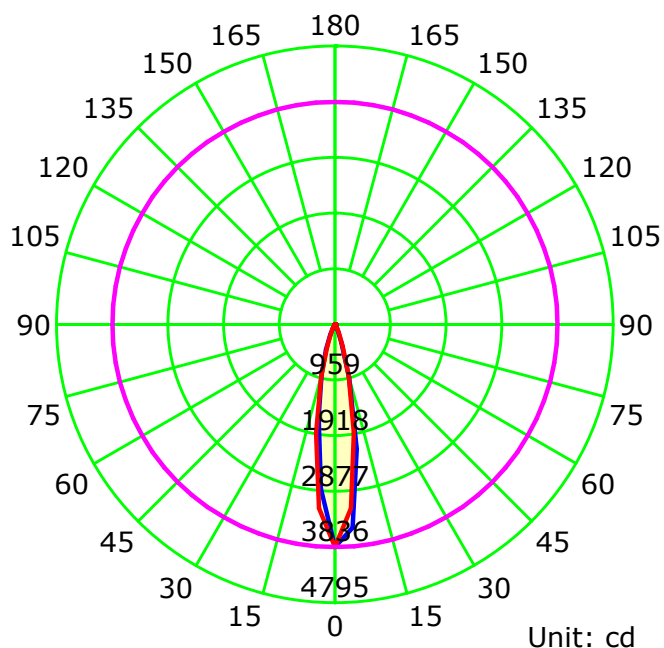
Central Intensity: 3835.29 cd

Pos of Max. Intensity: H0 V0

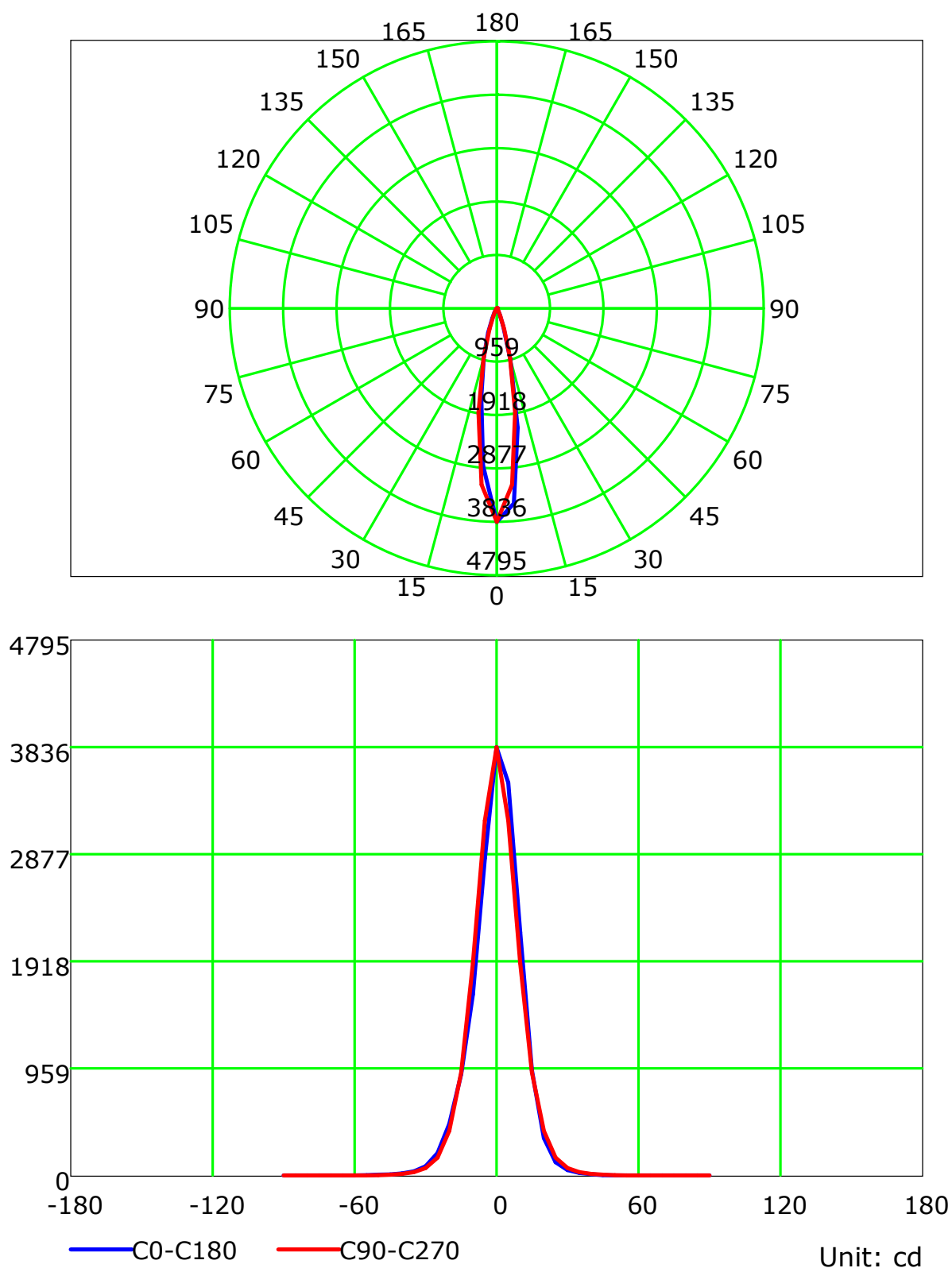
Picture Of Luminaire



Luminous Intensity Distribution Curve



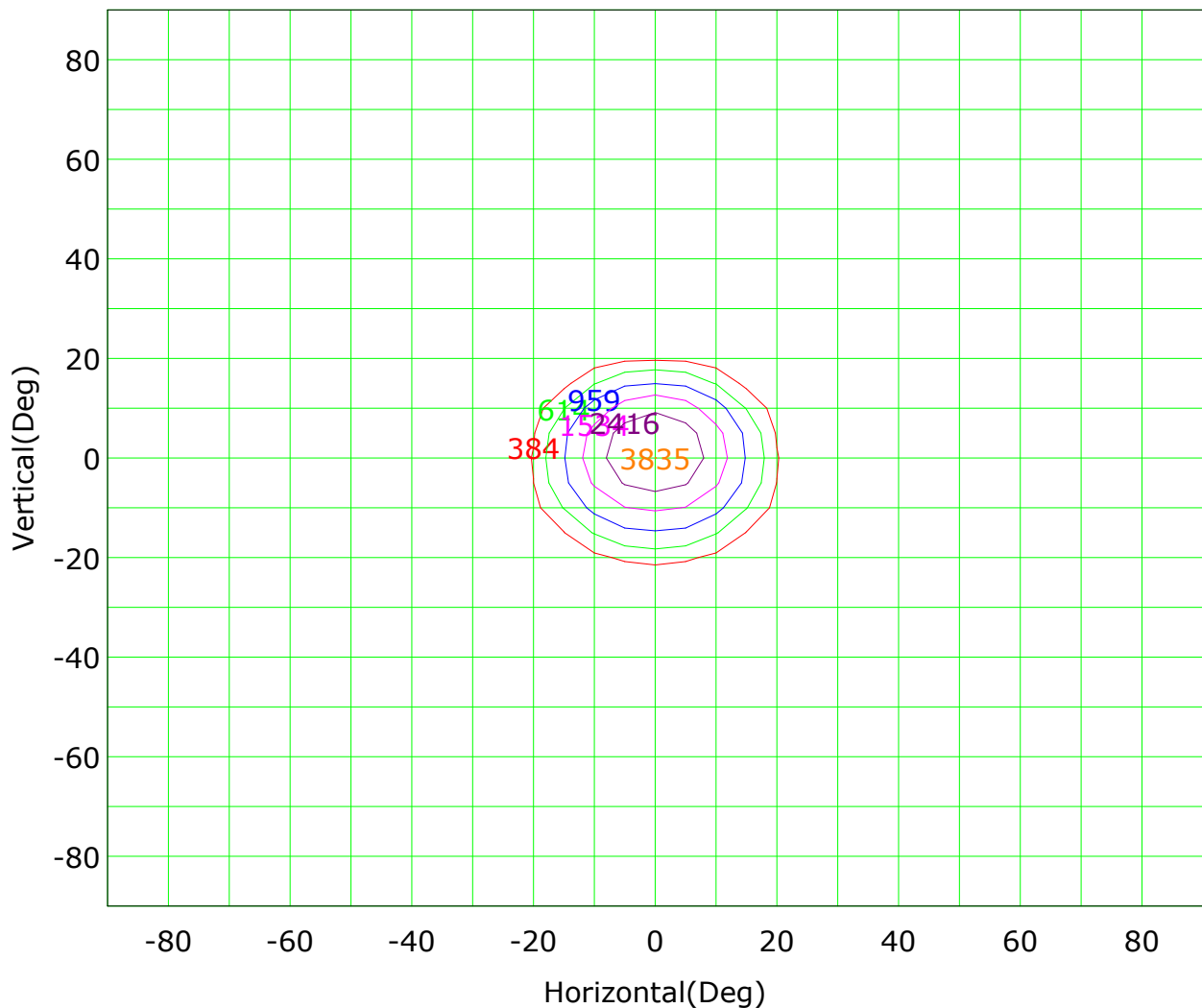
## Luminous Intensity Distribution Curve



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%): 3835 cd

( 10%): 384 cd	( 16%): 614 cd
( 25%): 959 cd	( 40%): 1534 cd
( 63%): 2416 cd	(100%): 3835 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

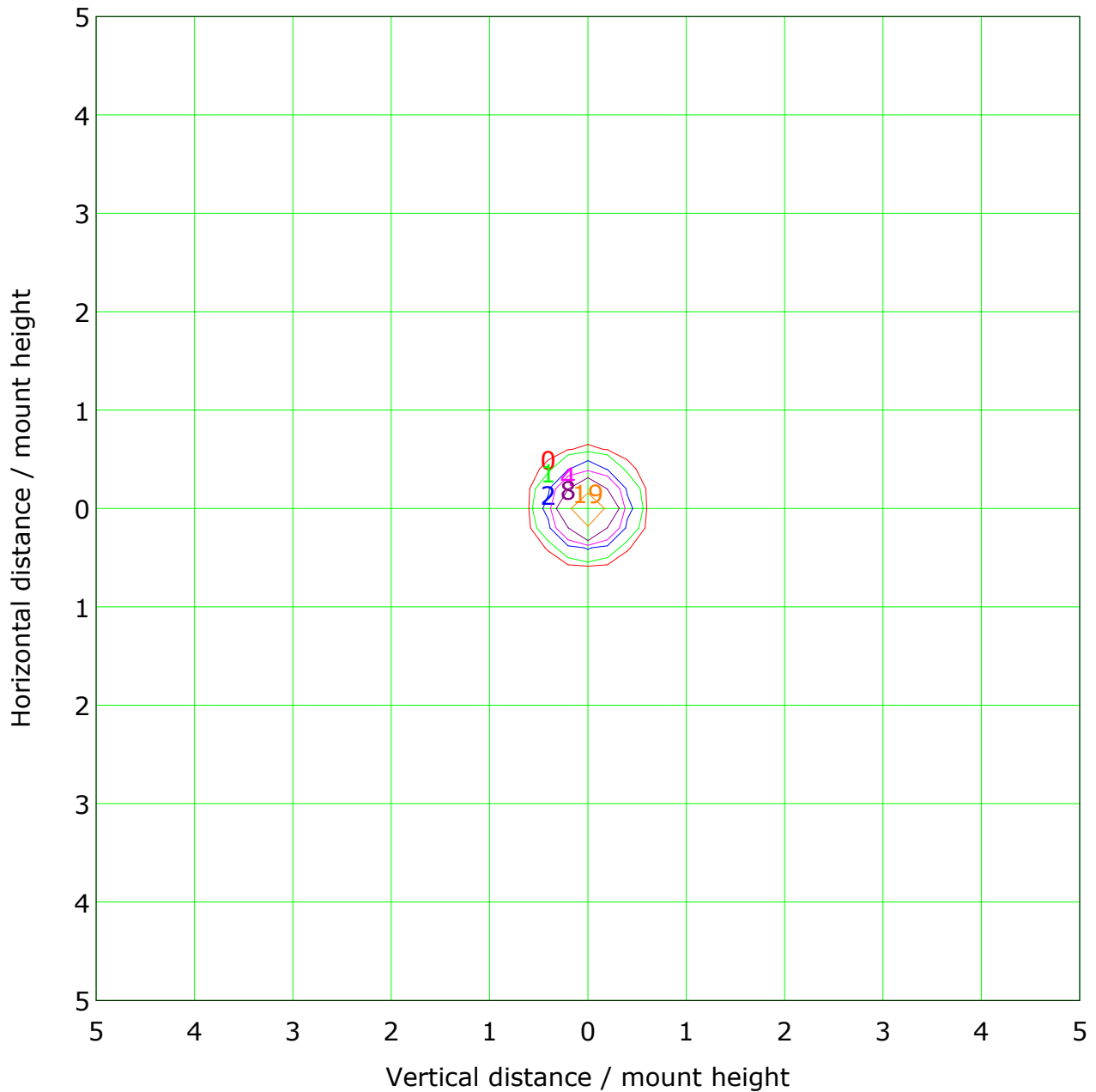
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m    Max Lux(100%): 38 lx			
— ( 1%):	0 lx	— ( 2%):	1 lx
— ( 5%):	2 lx	— ( 10%):	4 lx
— ( 20%):	8 lx	— ( 50%):	19 lx
— (100%):	38 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

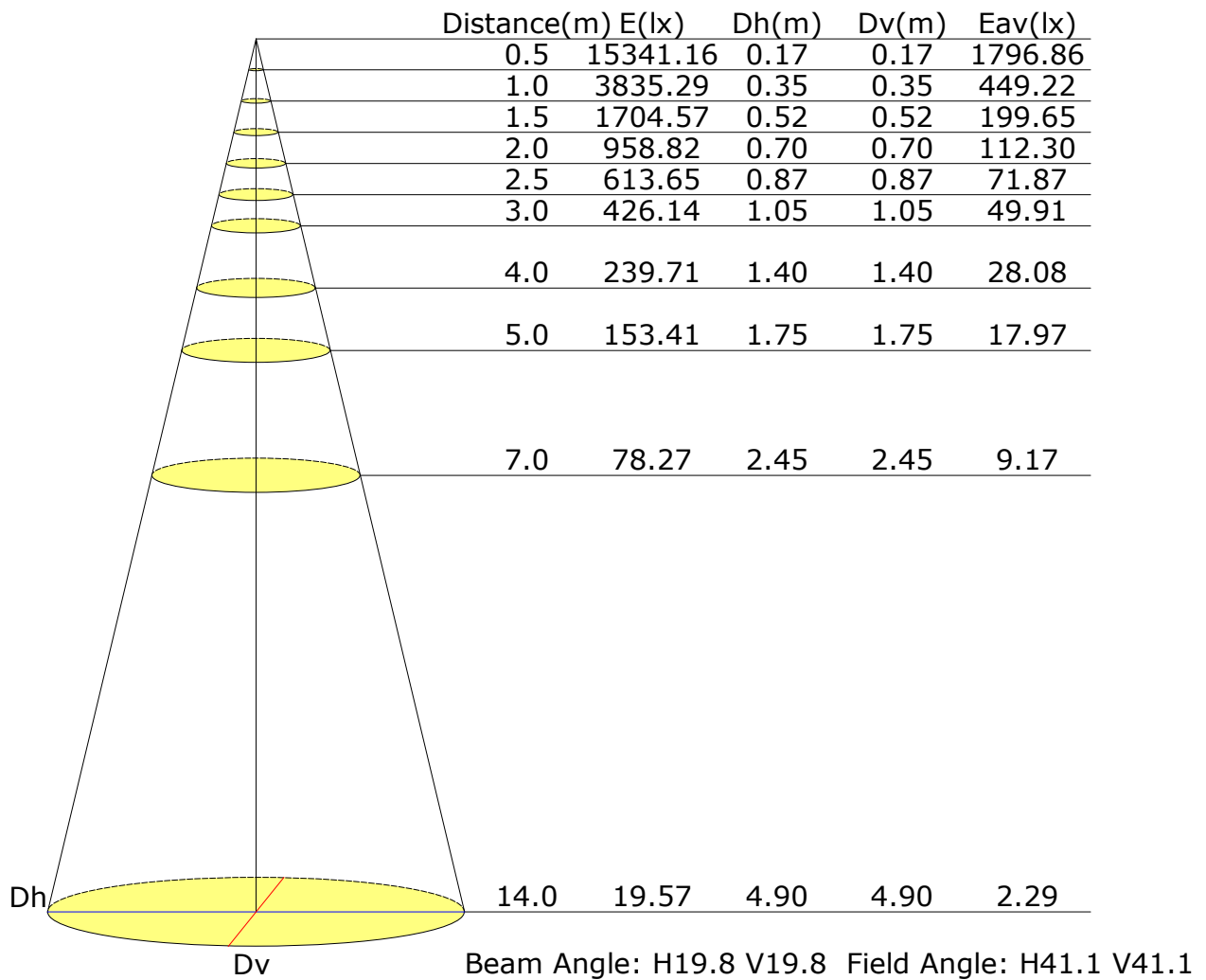
Test Device: CHL-6E

Distance: 3.000 m

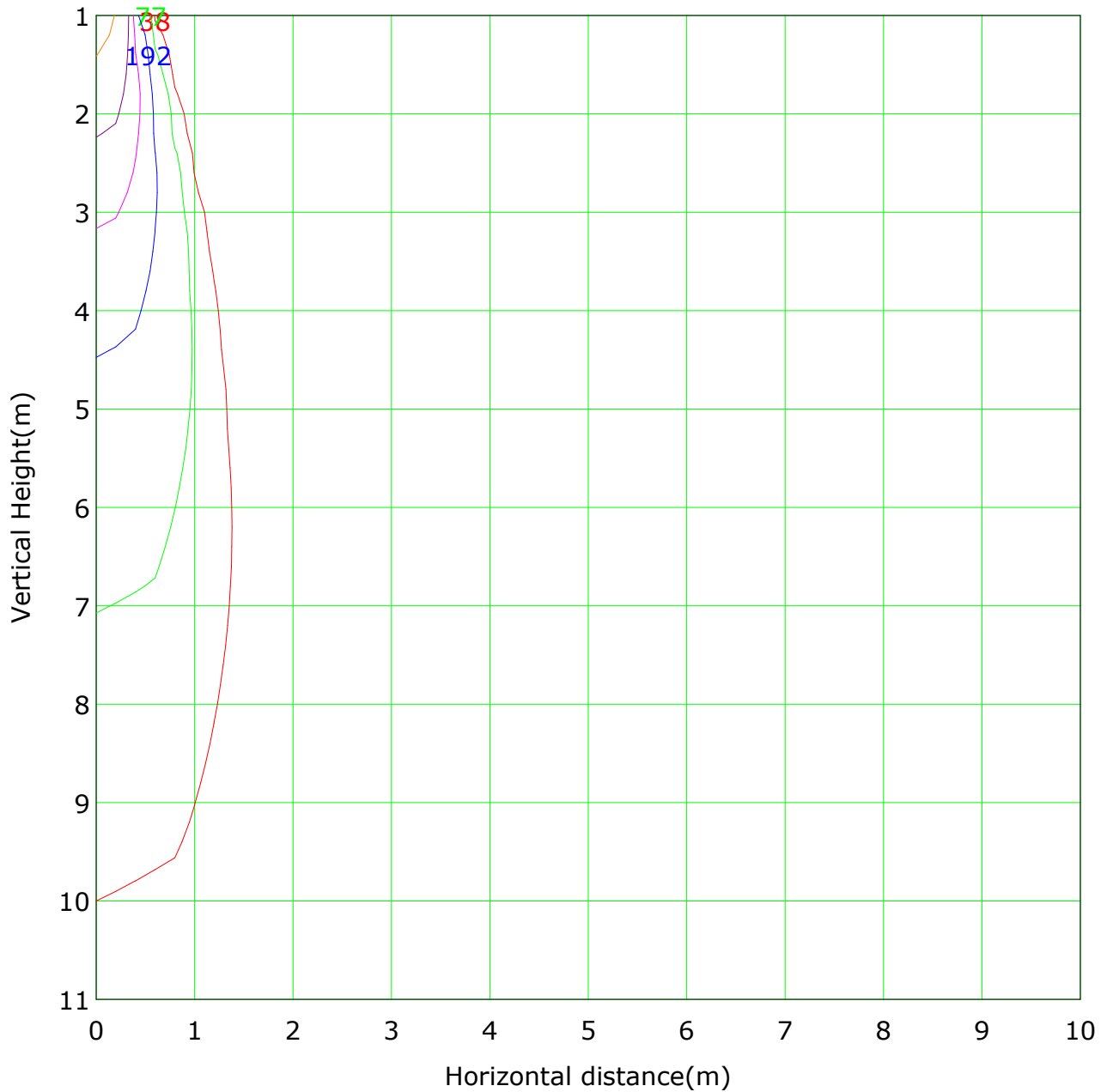
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1m    Highest(m): 11    Max Lux: 3835

( 1%): 38 lx	( 2%): 77 lx
( 5%): 192 lx	( 10%): 384 lx
( 20%): 767 lx	( 50%): 1918 lx
(100%): 3835 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

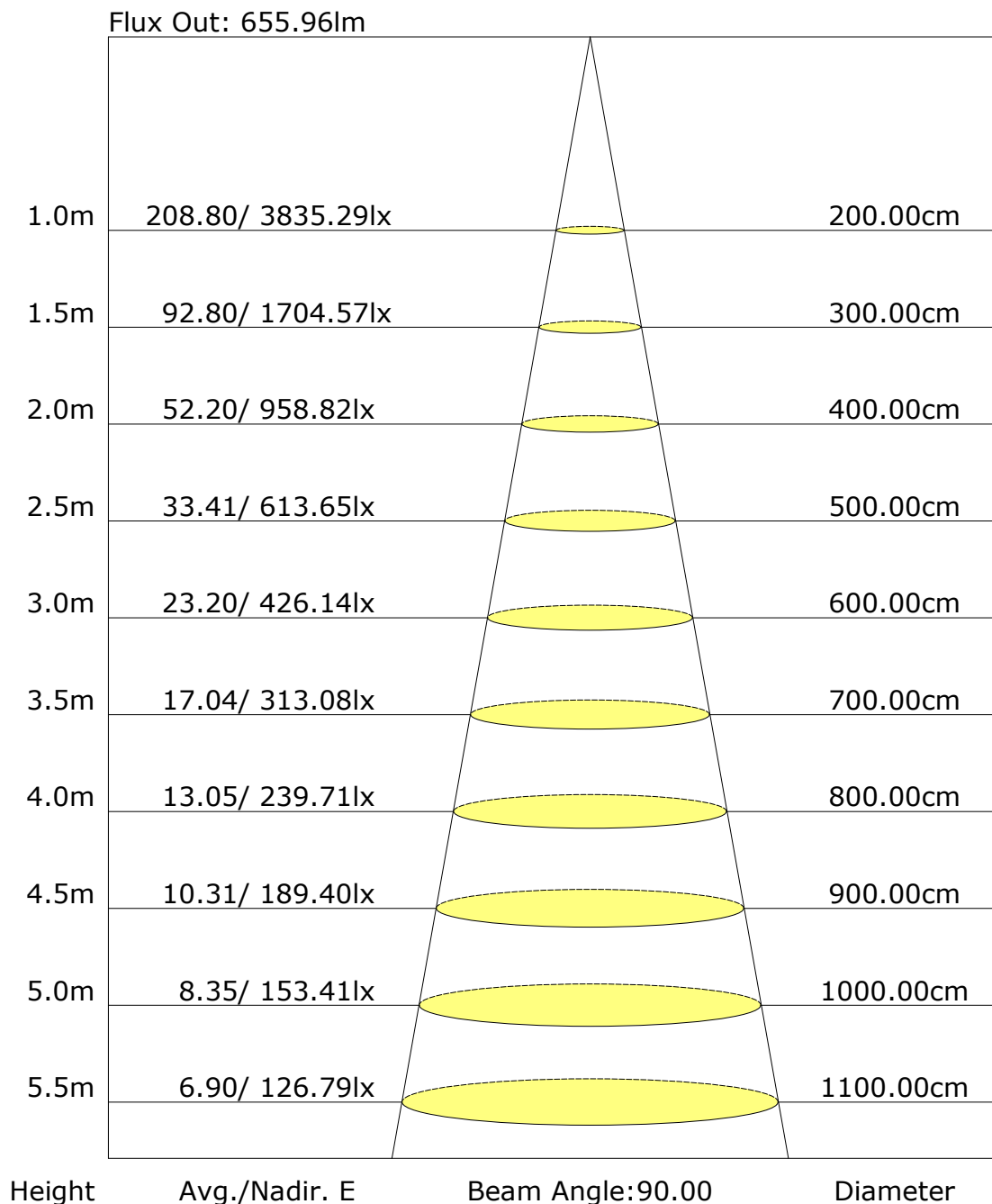
Test Device: CHL-6E

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: