

Report No.: 91.08011 UTH Surface mounted Test Time: 2023-09-02 10:58

## Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Voltage: 217.0 V

Current: 0.092 A

Power: 10.40 W

Power Factor: 0.518

## Photometric Results

CIE Class: Direct

Measurement Flux: 887.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H13

Vertical Diffuse Angle(50%): V13

Luminaire Efficacy Rating (LER): 85

Max. Intensity: 9379.55 cd

Total Rated Lamp Lumens: 887.5 lm

Efficiency: 100%

Upward Ratio: 0%

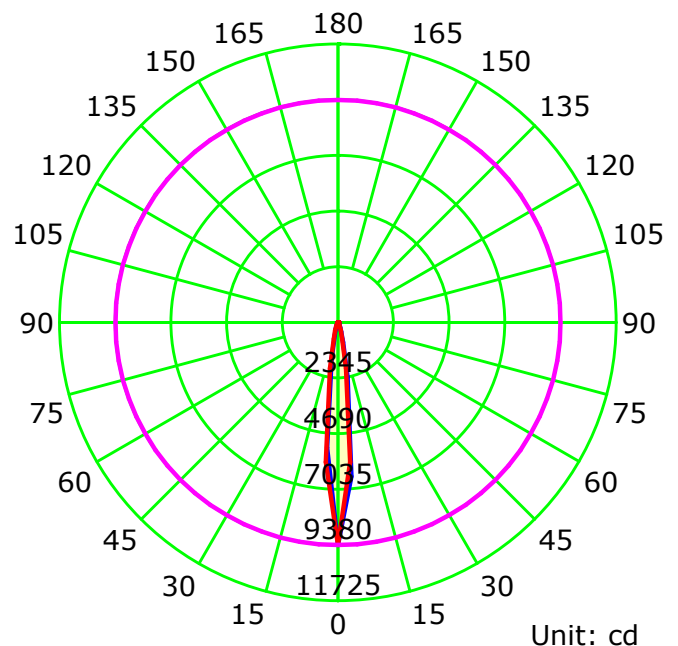
Central Intensity: 9379.55 cd

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

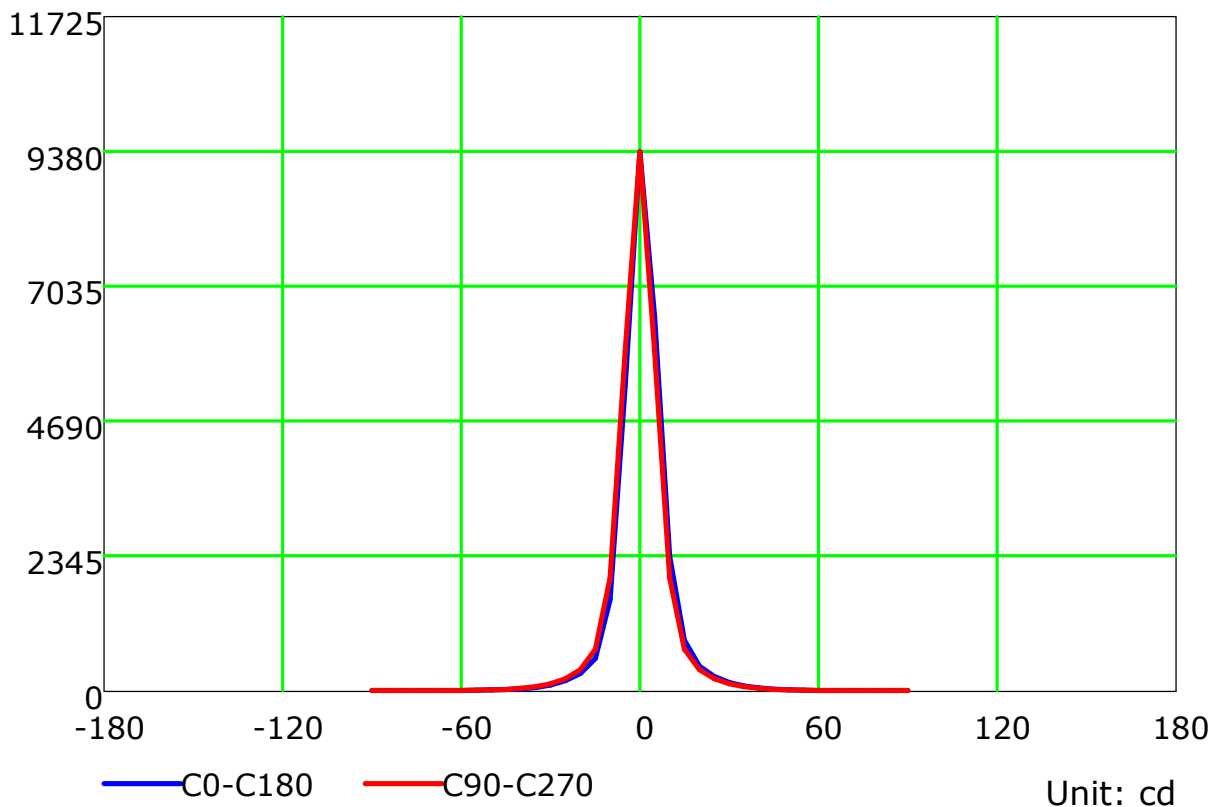
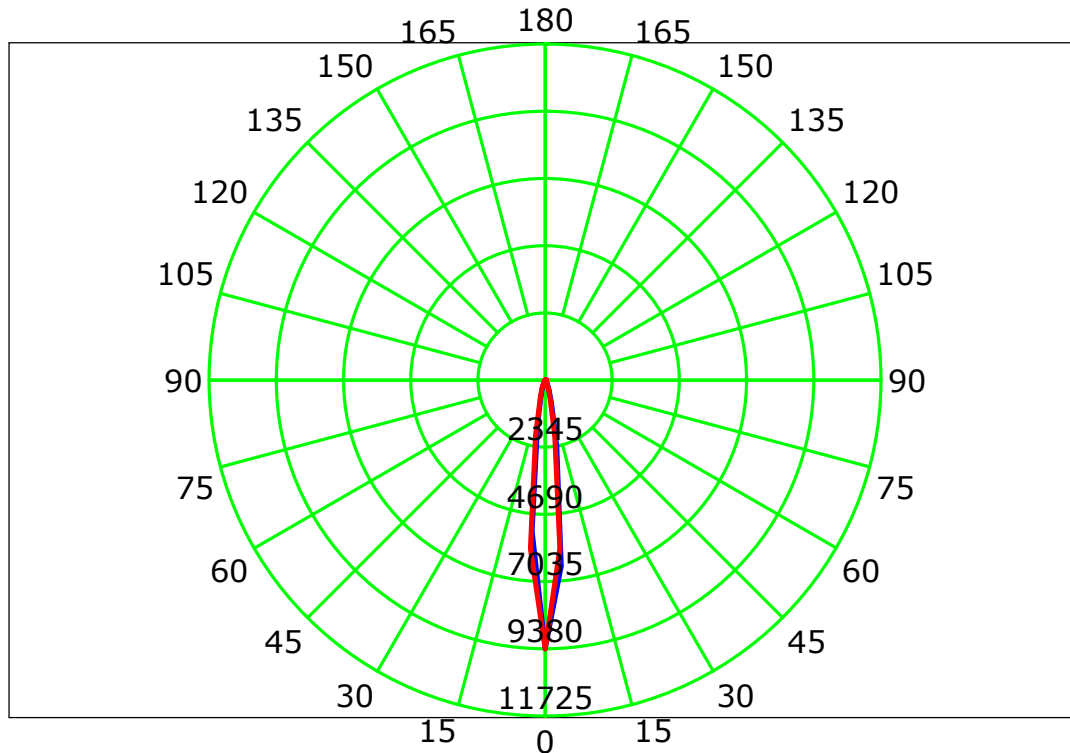
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

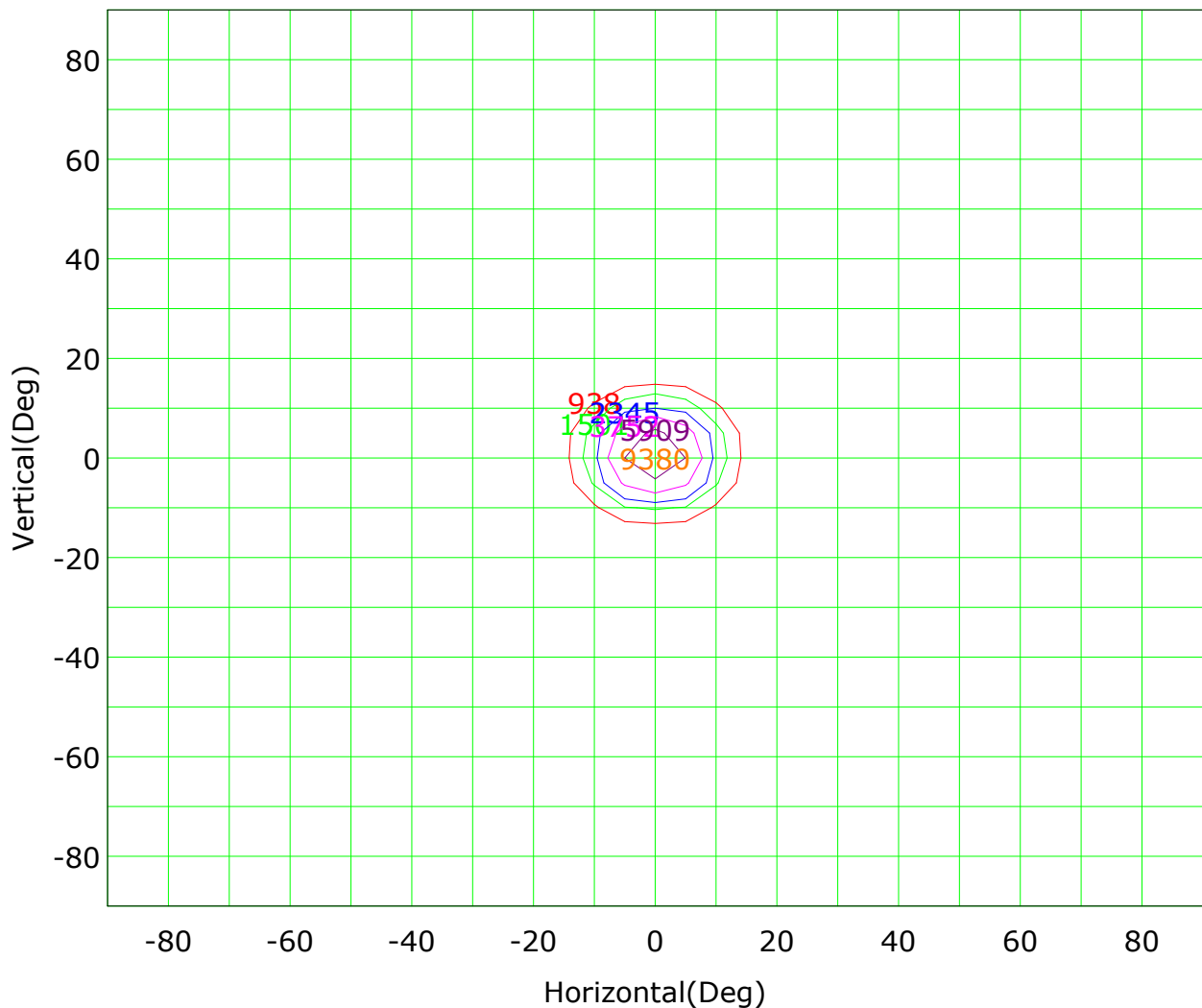
## Luminous Intensity Distribution Curve



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%): 9380 cd

( 10%): 938 cd	( 16%): 1501 cd
( 25%): 2345 cd	( 40%): 3752 cd
( 63%): 5909 cd	(100%): 9380 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

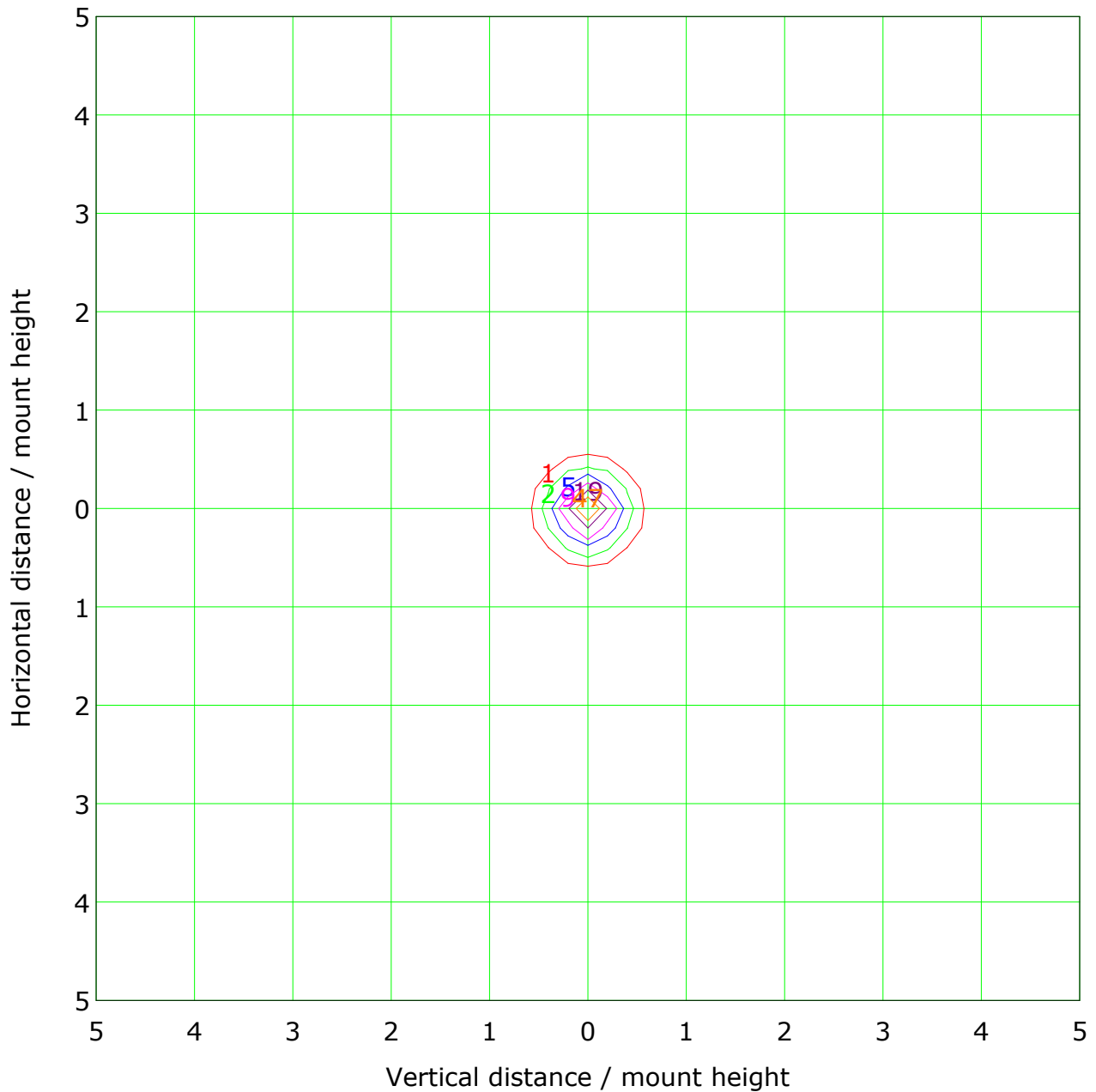
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m    Max Lux(100%): 94 lx			
— ( 1%):	1 lx	— ( 2%):	2 lx
— ( 5%):	5 lx	— ( 10%):	9 lx
— ( 20%):	19 lx	— ( 50%):	47 lx
— (100%):	94 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

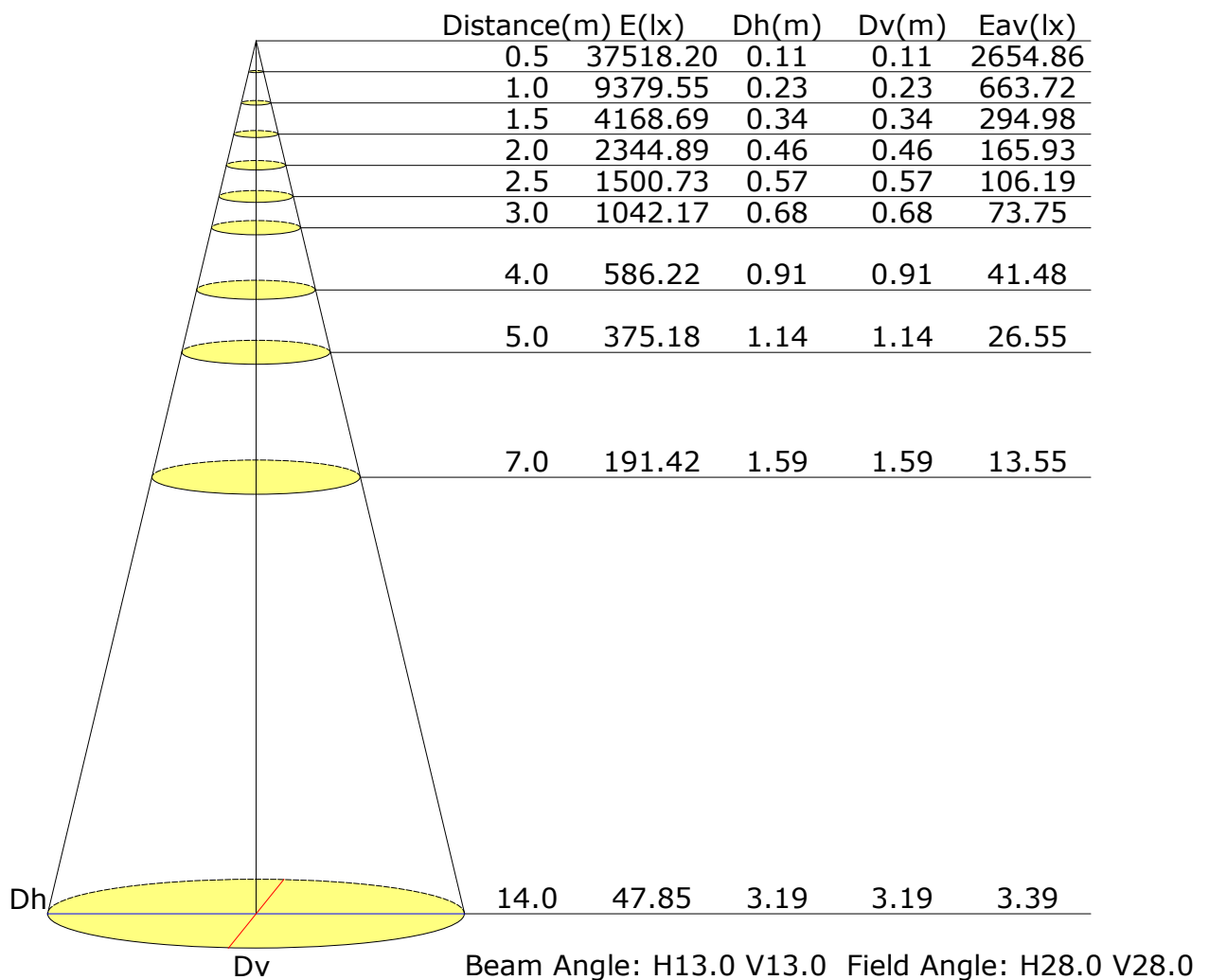
Test Device: CHL-6E

Distance: 3.000 m

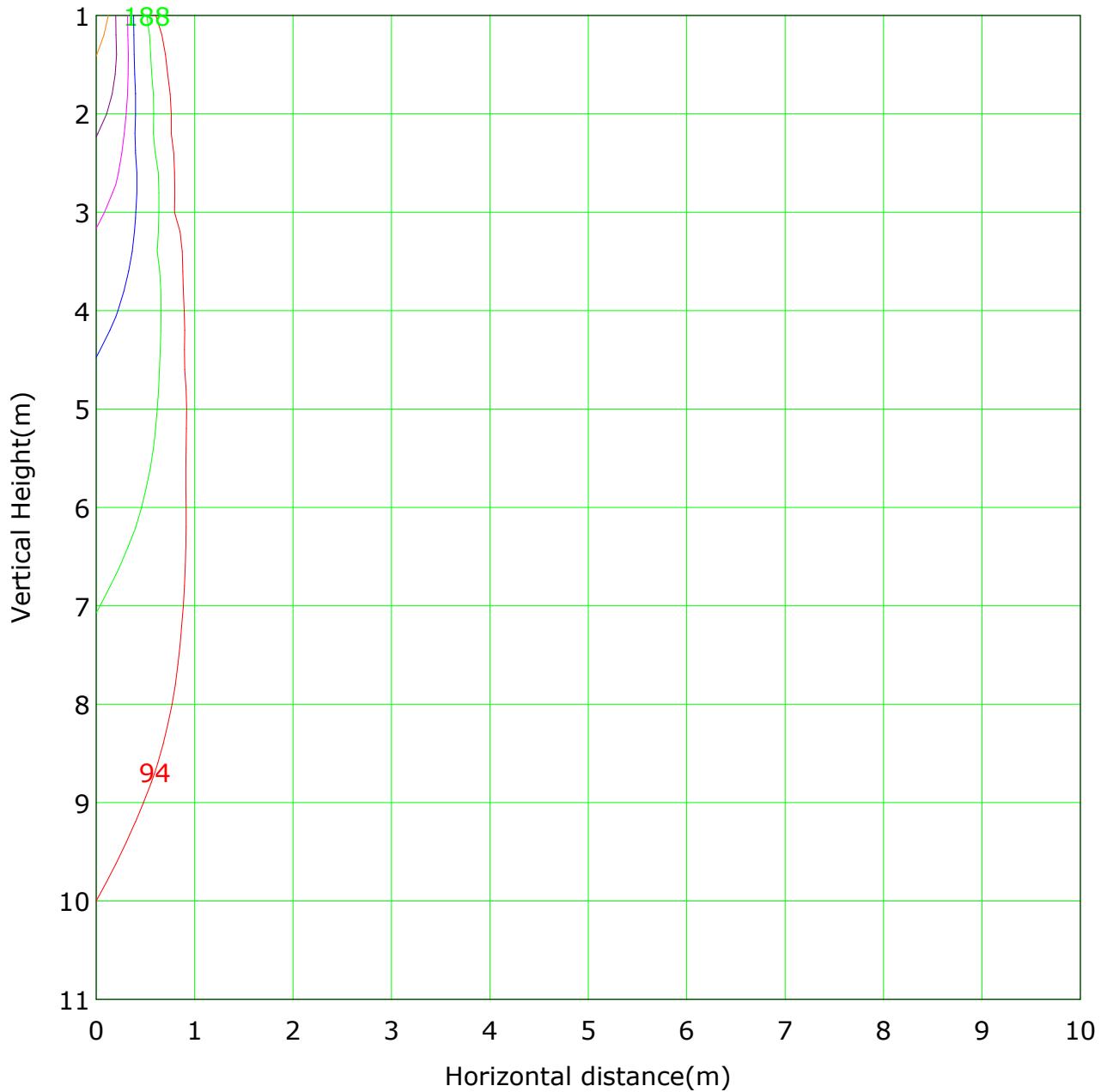
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1m    Highest(m): 11    Max Lux: 9380

( 1%): 94 lx	( 2%): 188 lx
( 5%): 469 lx	( 10%): 938 lx
( 20%): 1876 lx	( 50%): 4690 lx
(100%): 9380 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

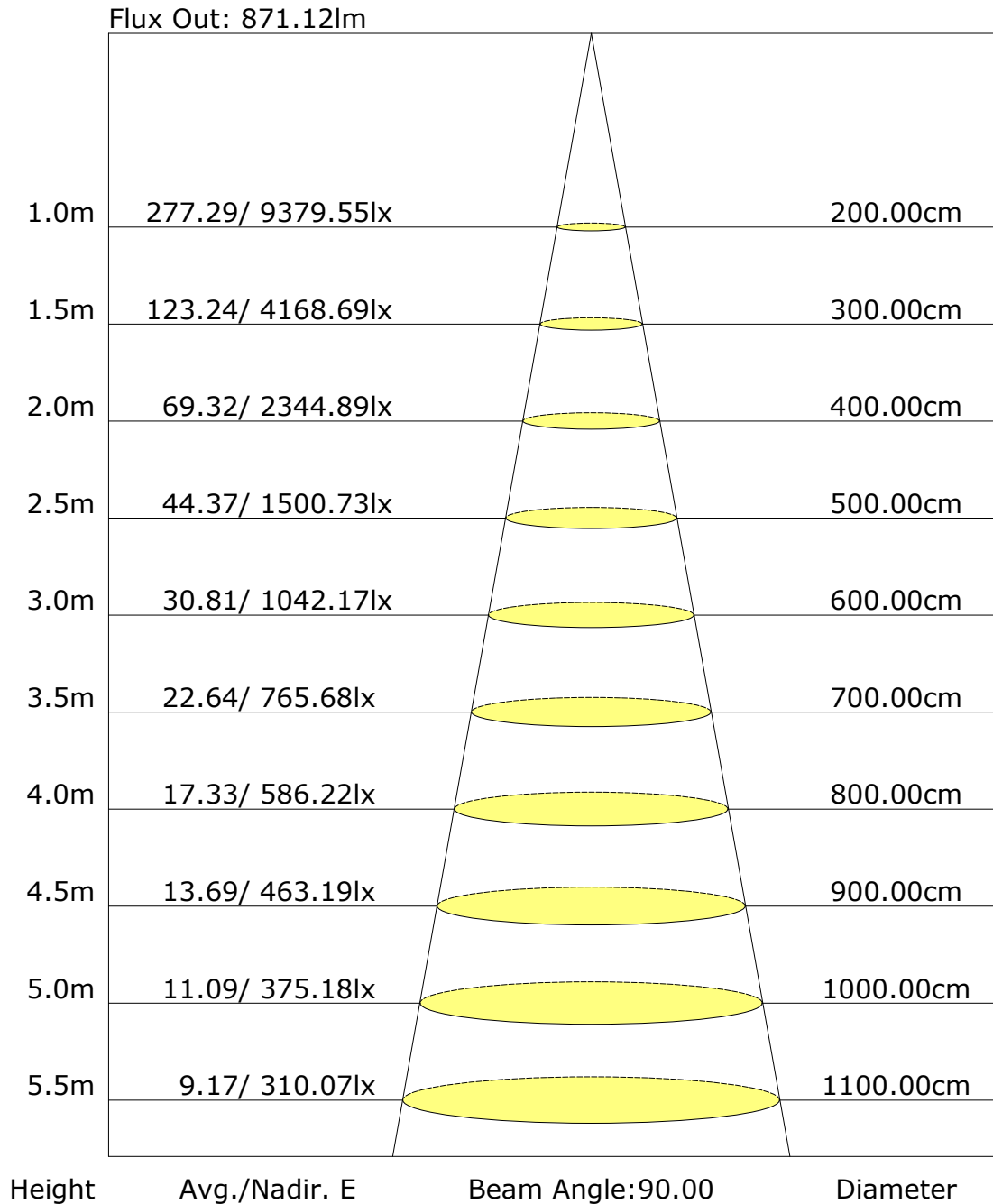
Test Device: CHL-6E

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: