

Report No.: AX-SM-PV-10W-060

Test Time: 2023-09-15 14:02

## Luminaire Property

Luminaire Category:

Luminaire Description: Bridgelux V4HD 3000Voltage: 226.0 V

Current: 0.056 A

Power: 6.60 W

Power Factor: 0.525

## Photometric Results

CIE Class: Direct

Measurement Flux: 423.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H20

Vertical Diffuse Angle(50%): V20

Luminaire Efficacy Rating (LER): 64

Max. Intensity: 2776.88 cd

Total Rated Lamp Lumens: 423.3 lm

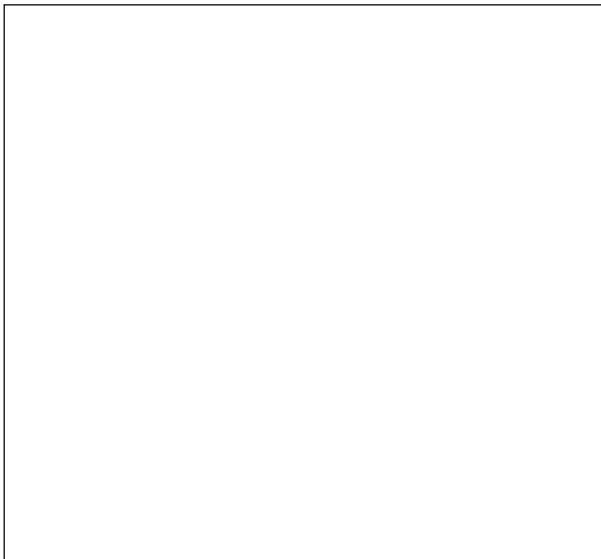
Efficiency: 100%

Upward Ratio: 0%

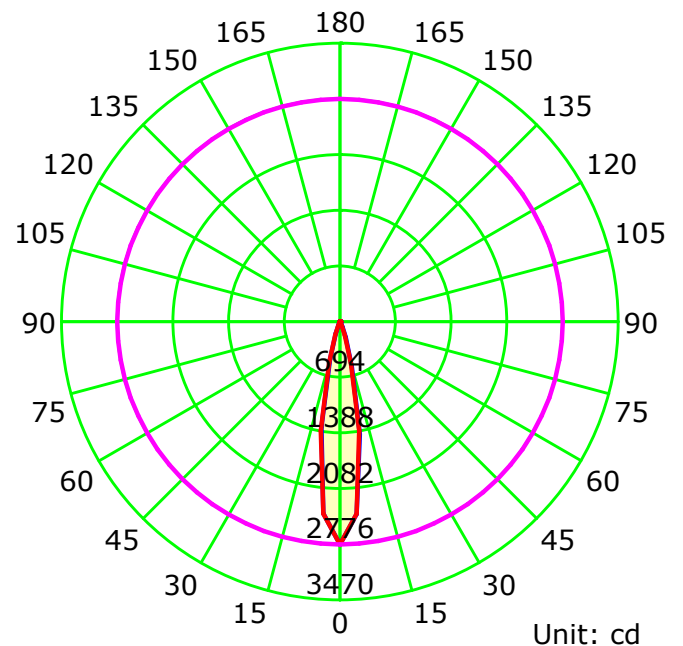
Central Intensity: 2776.87 cd

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

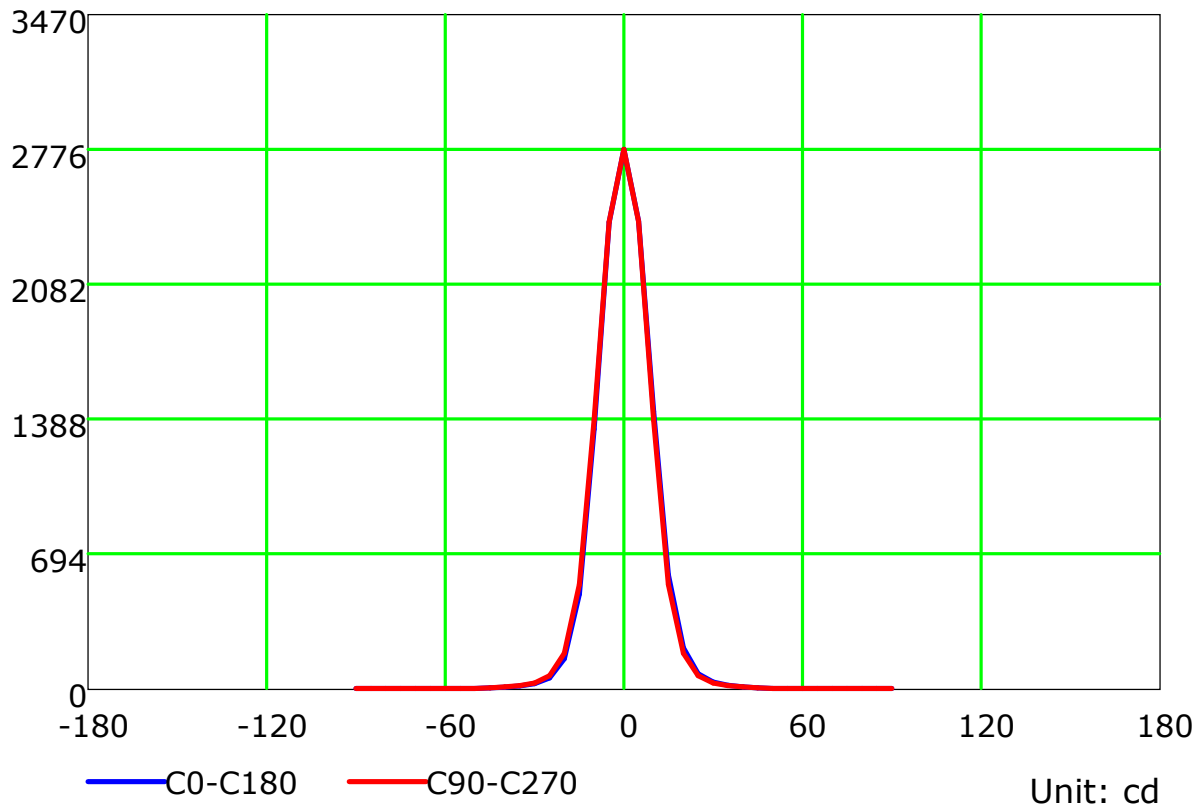
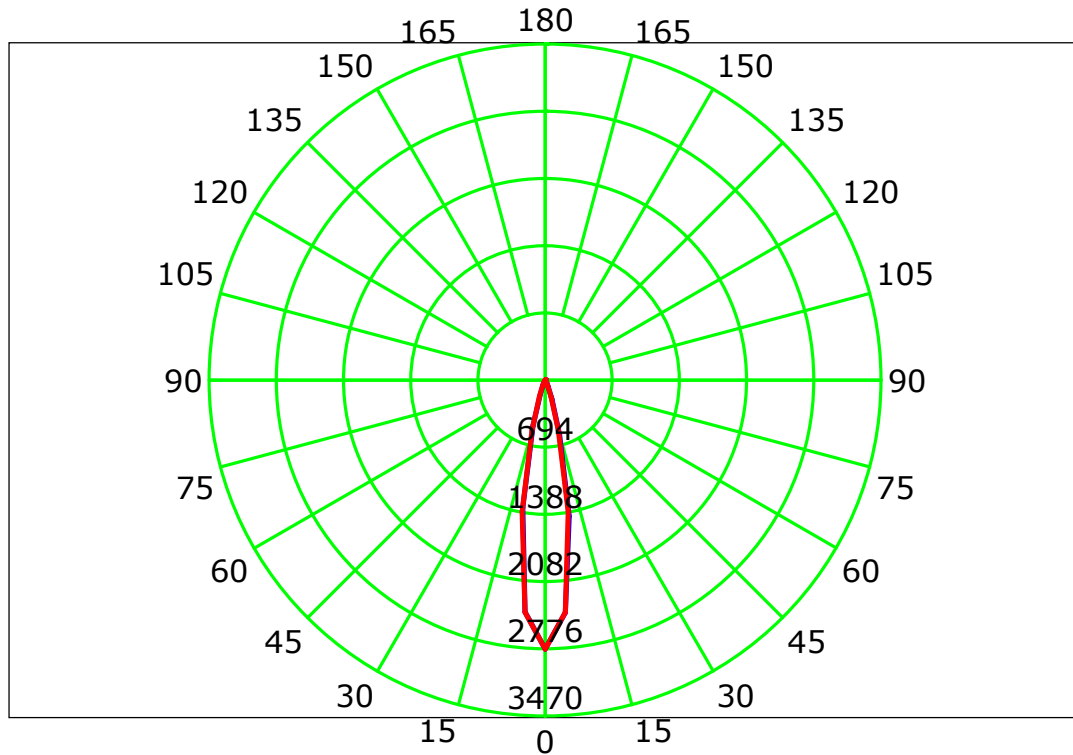
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

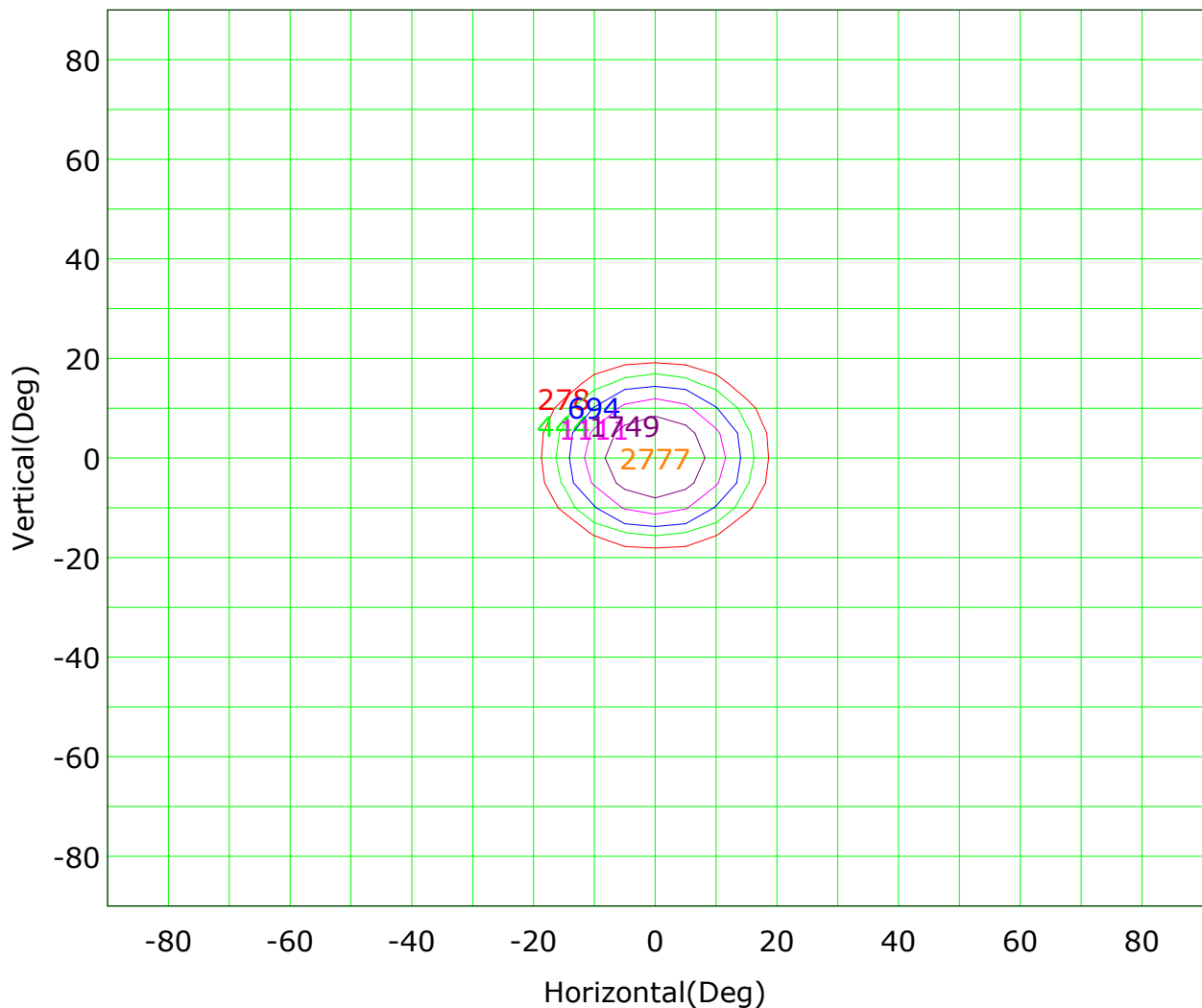
## Luminous Intensity Distribution Curve



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%): 2777 cd

|                 |                 |
|-----------------|-----------------|
| ( 10%): 278 cd  | ( 16%): 444 cd  |
| ( 25%): 694 cd  | ( 40%): 1111 cd |
| ( 63%): 1749 cd | (100%): 2777 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

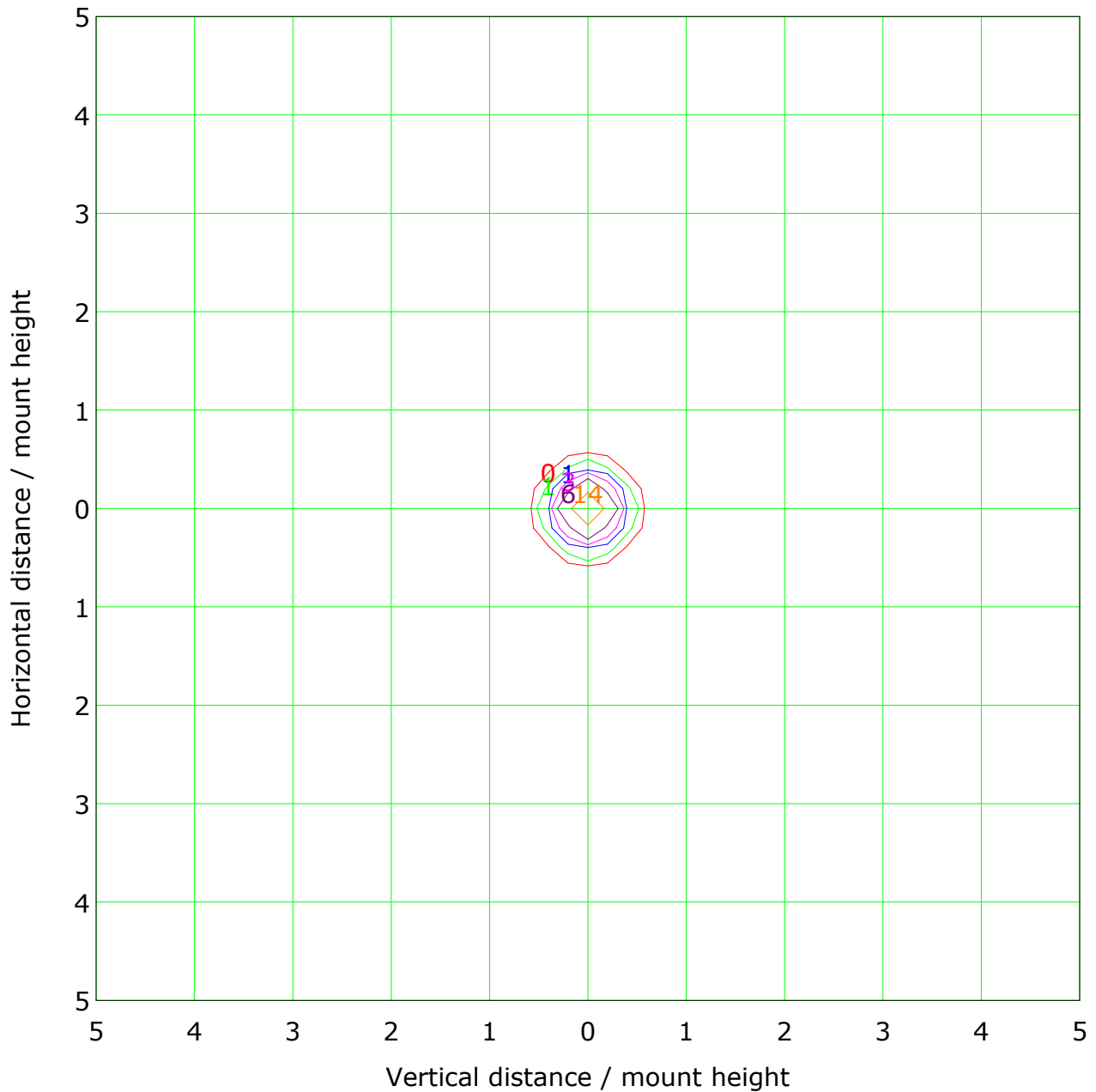
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



|                      |       |                      |       |
|----------------------|-------|----------------------|-------|
| Mounting Height: 10m |       | Max Lux(100%): 28 lx |       |
| ( 1%):               | 0 lx  | ( 2%):               | 1 lx  |
| ( 5%):               | 1 lx  | ( 10%):              | 3 lx  |
| ( 20%):              | 6 lx  | ( 50%):              | 14 lx |
| (100%):              | 28 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

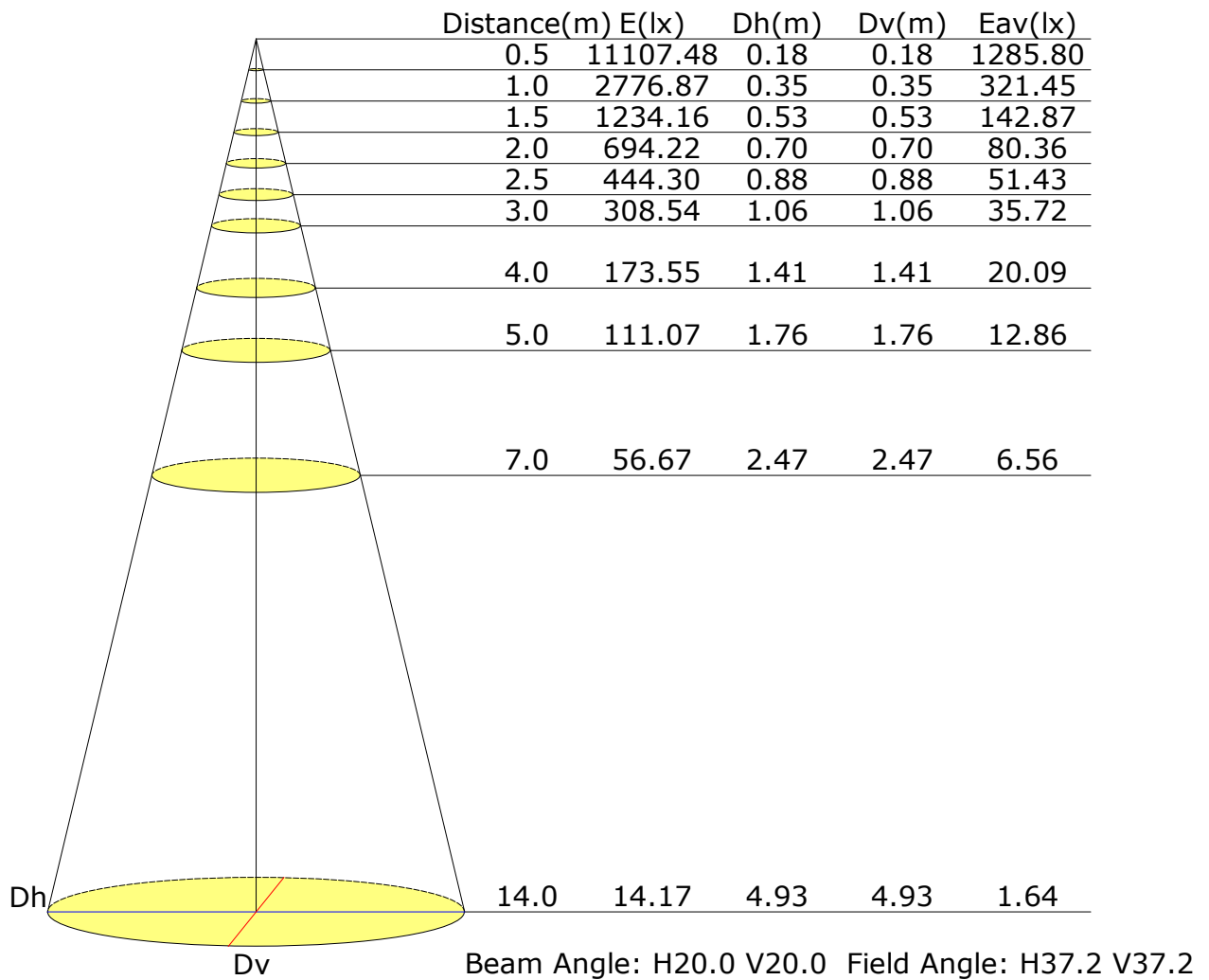
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Illuminance at a Distance



C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

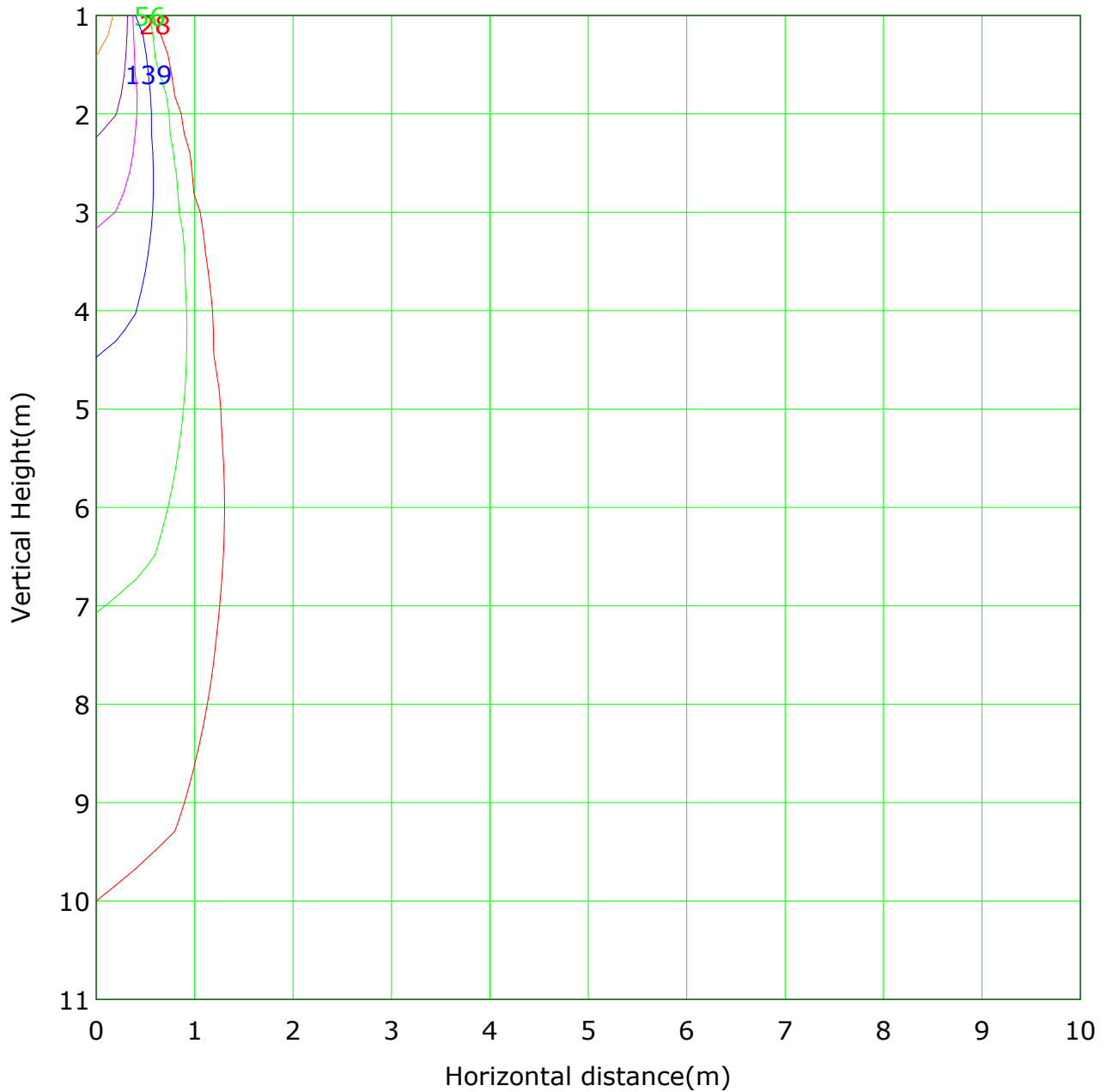
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Vertical IsoLux Plot



Lowest(m): 1m    Highest(m): 11    Max Lux: 2777

|                 |                 |
|-----------------|-----------------|
| ( 1%): 28 lx    | ( 2%): 56 lx    |
| ( 5%): 139 lx   | ( 10%): 278 lx  |
| ( 20%): 555 lx  | ( 50%): 1388 lx |
| (100%): 2777 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

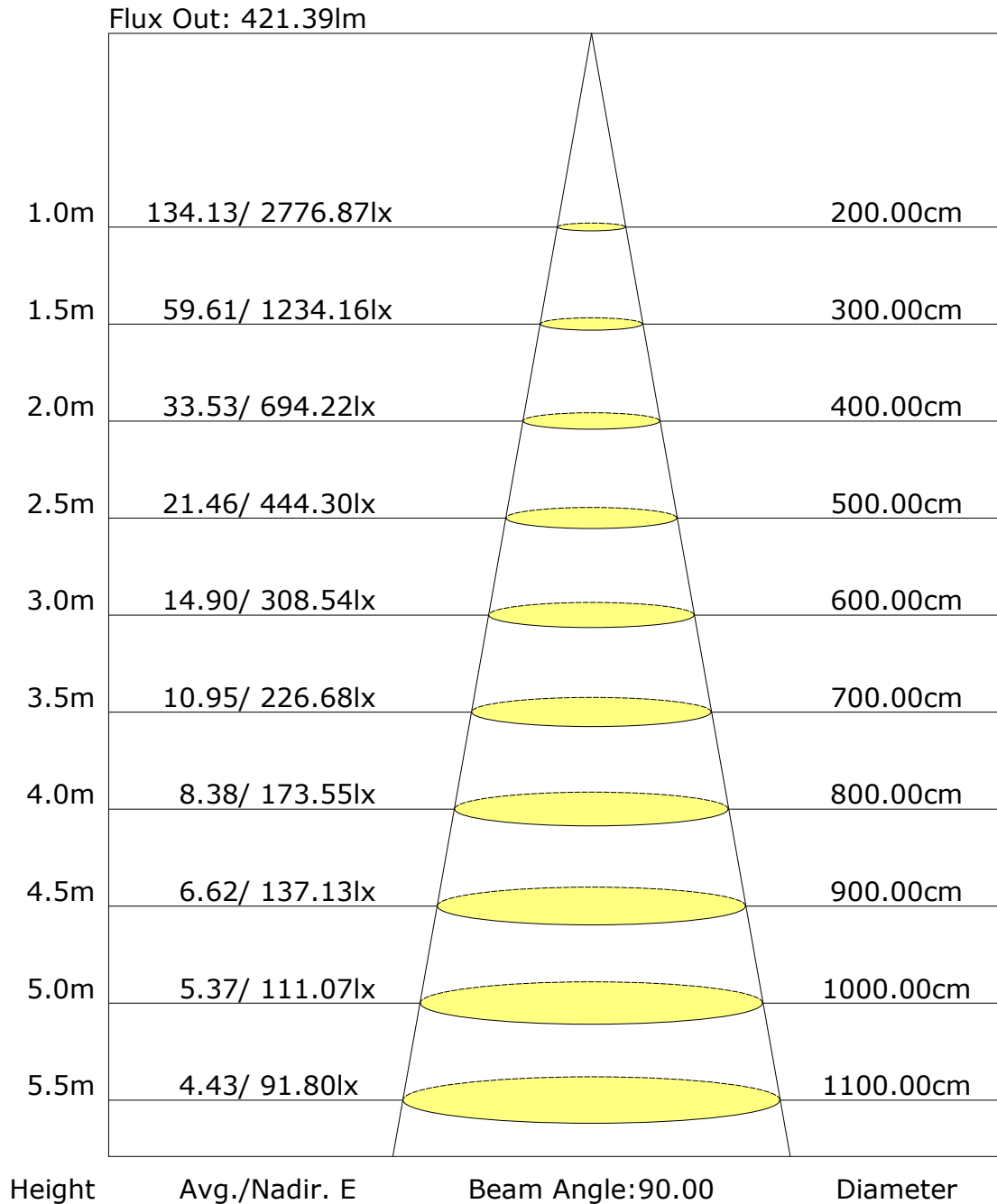
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## The average illuminance effective figure



Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector:



Inspector: