

Report No.: 63.20011 DELTA Pendant Light Test Time: 2023-10-06 15:25

## Luminaire Property

Luminaire Category: Bridgelux V10A F90 3000K CRI90

Voltage: 222.0 V

Current: 0.112 A

Power: 13.80 W

Power Factor: 0.555

## Photometric Results

CIE Class: Direct

Measurement Flux: 1612.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H21.5

Vertical Diffuse Angle(50%): V21.5

Luminaire Efficacy Rating (LER): 117

Max. Intensity: 8400.99 cd

Total Rated Lamp Lumens: 1612.7 lm

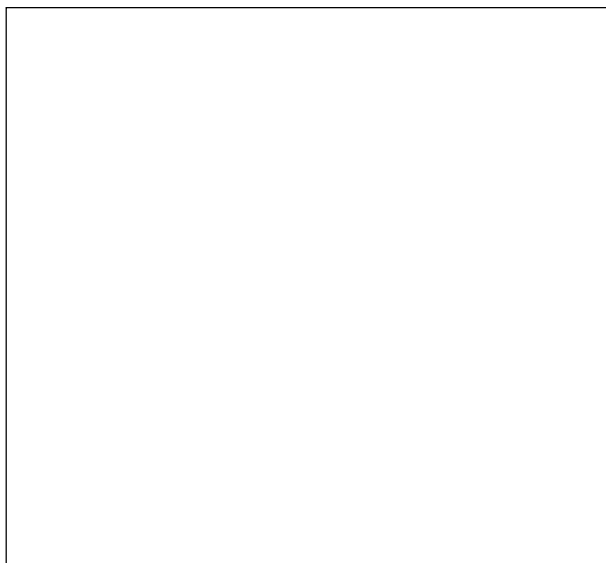
Efficiency: 100%

Upward Ratio: 0%

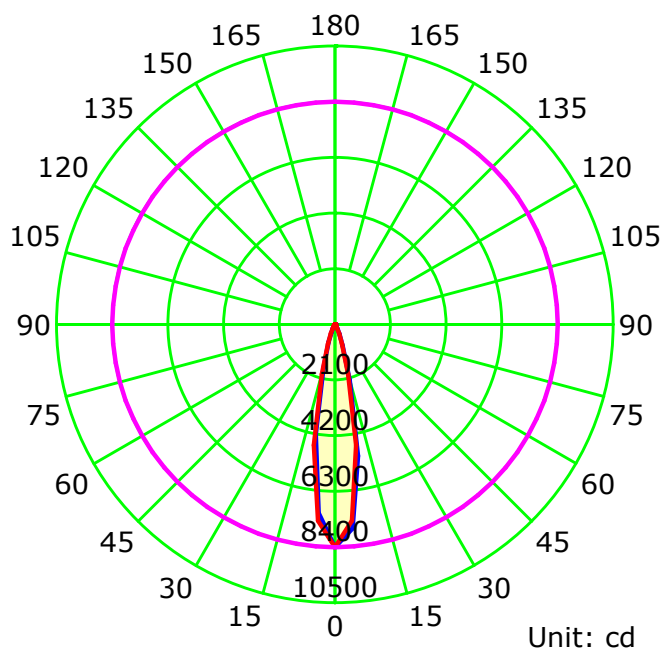
Central Intensity: 8400.98 cd

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

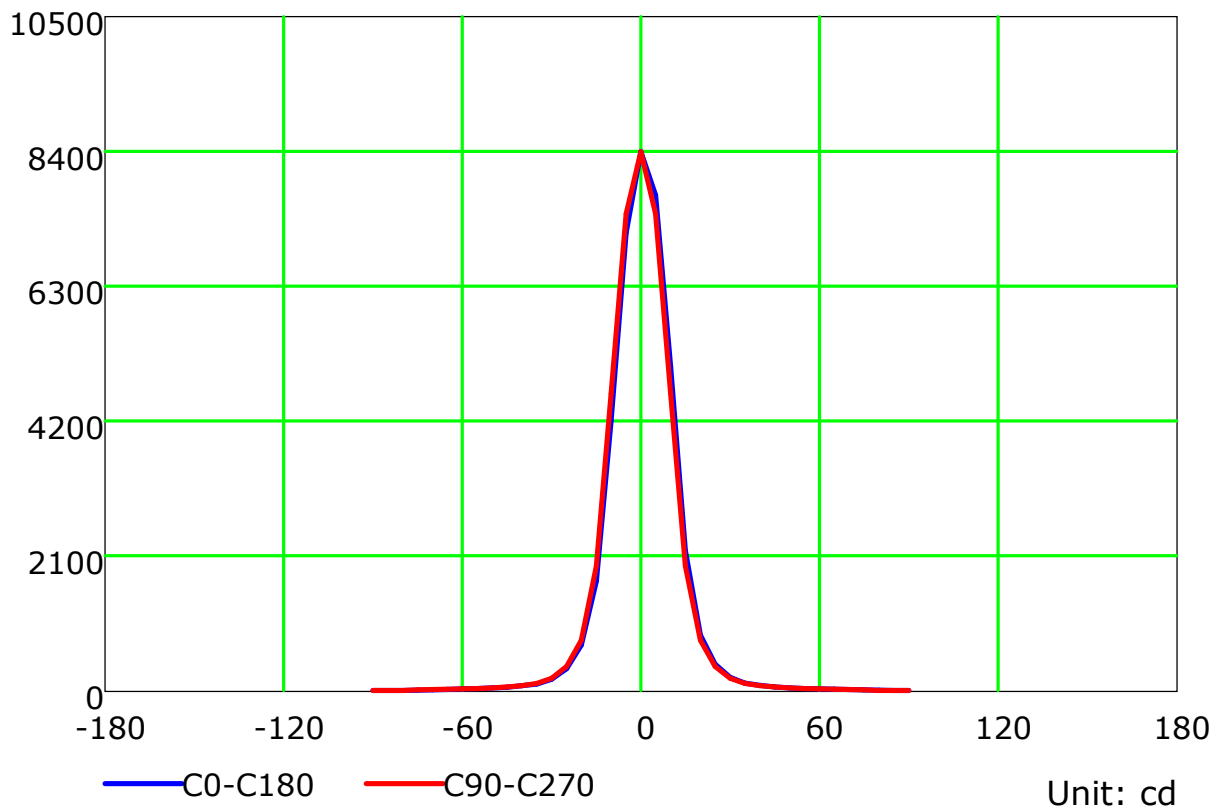
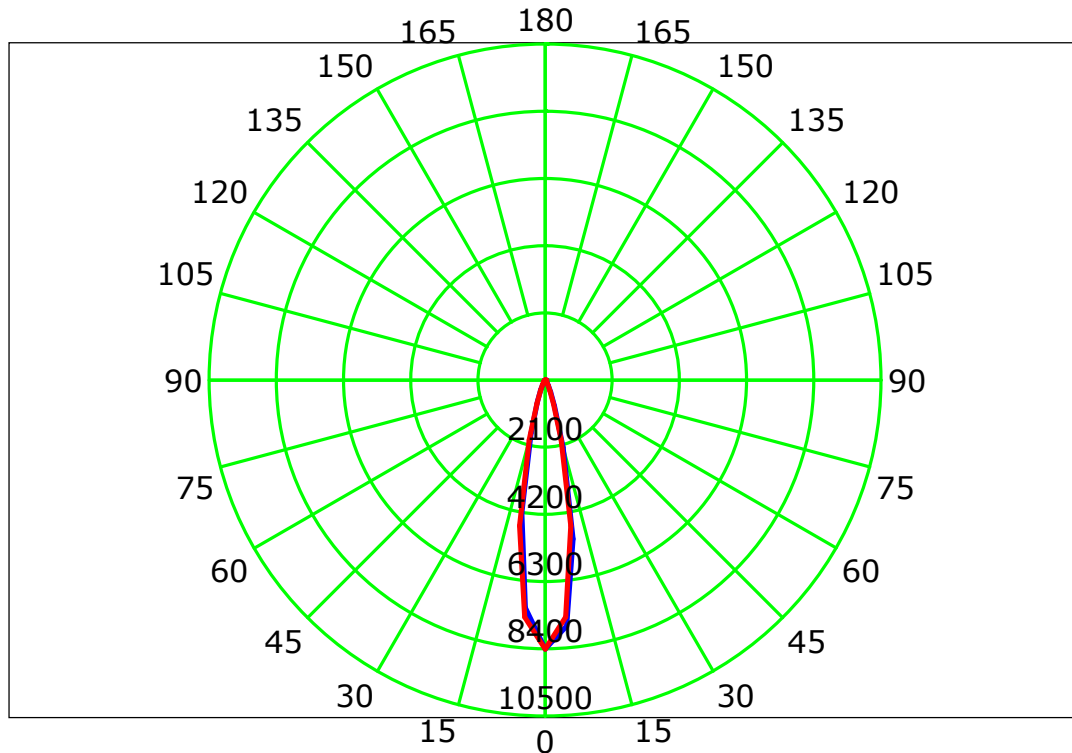
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Luminous Intensity Distribution Curve



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

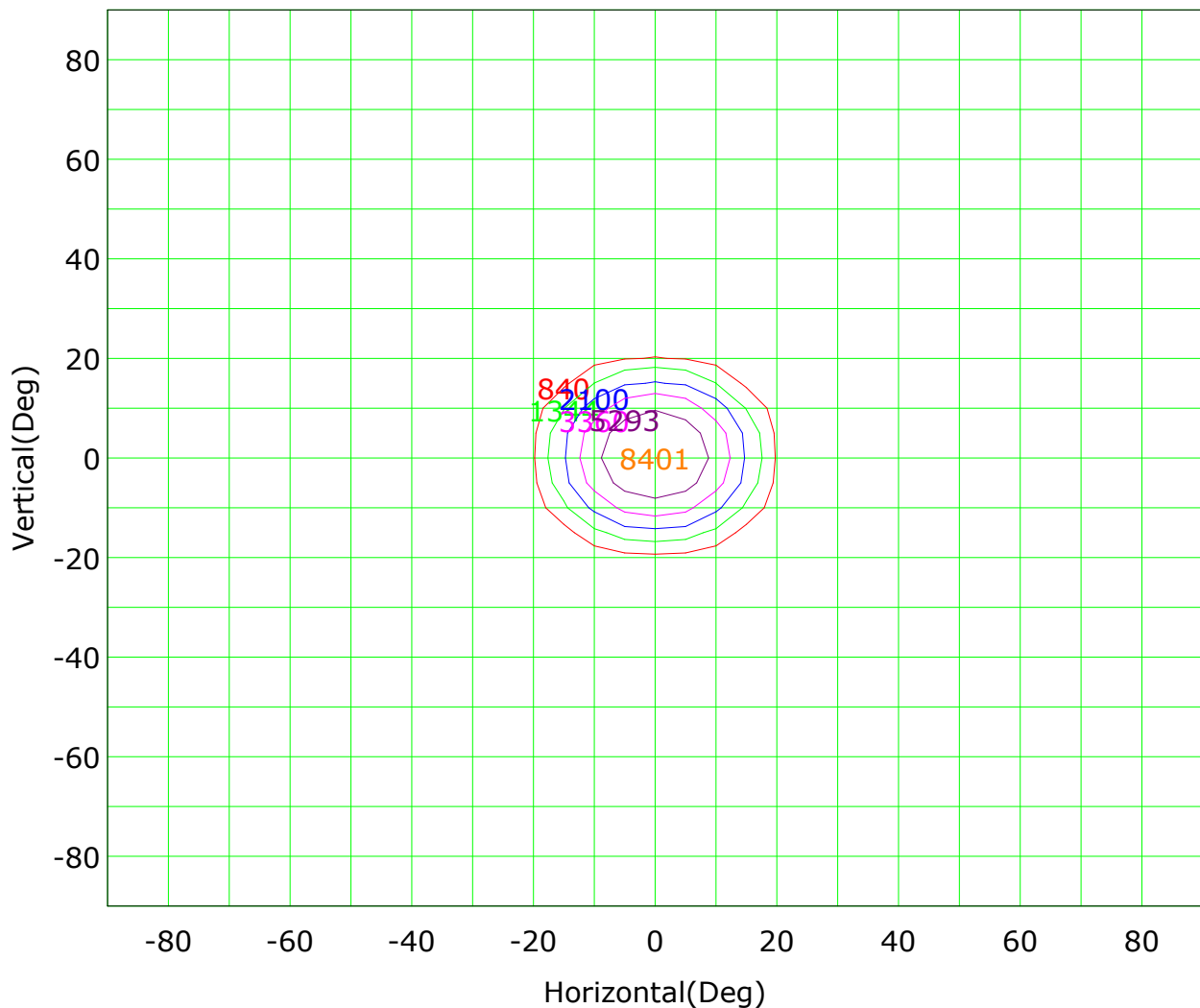
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Isocandela (rectangle)



Imax (100%): 8401 cd

|                 |                 |
|-----------------|-----------------|
| ( 10%): 840 cd  | ( 16%): 1344 cd |
| ( 25%): 2100 cd | ( 40%): 3360 cd |
| ( 63%): 5293 cd | (100%): 8401 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

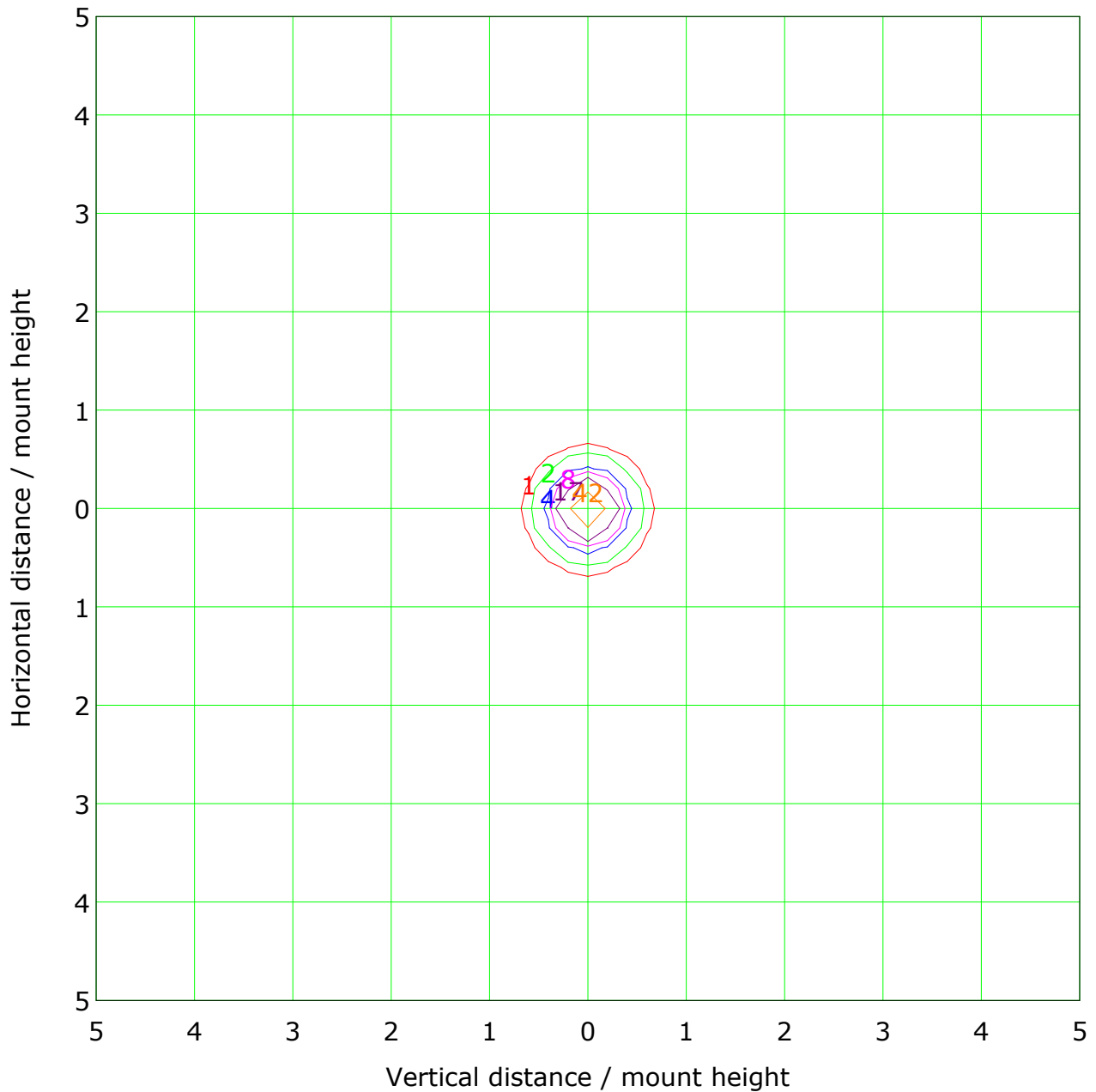
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



|                      |       |                      |       |
|----------------------|-------|----------------------|-------|
| Mounting Height: 10m |       | Max Lux(100%): 84 lx |       |
| ( 1%):               | 1 lx  | ( 2%):               | 2 lx  |
| ( 5%):               | 4 lx  | ( 10%):              | 8 lx  |
| ( 20%):              | 17 lx | ( 50%):              | 42 lx |
| (100%):              | 84 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

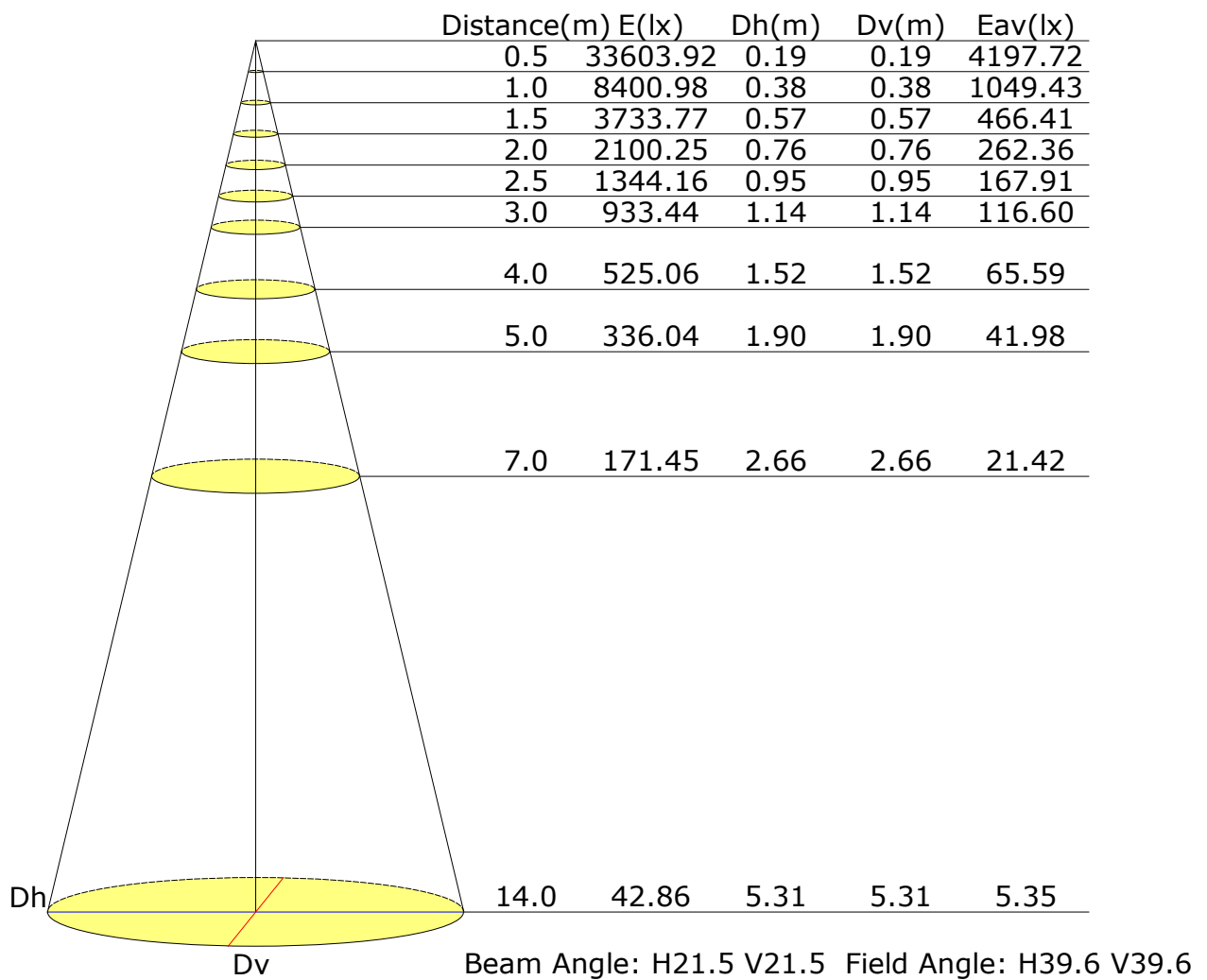
Test Device: CHL-6E

Distance: 3.000 m

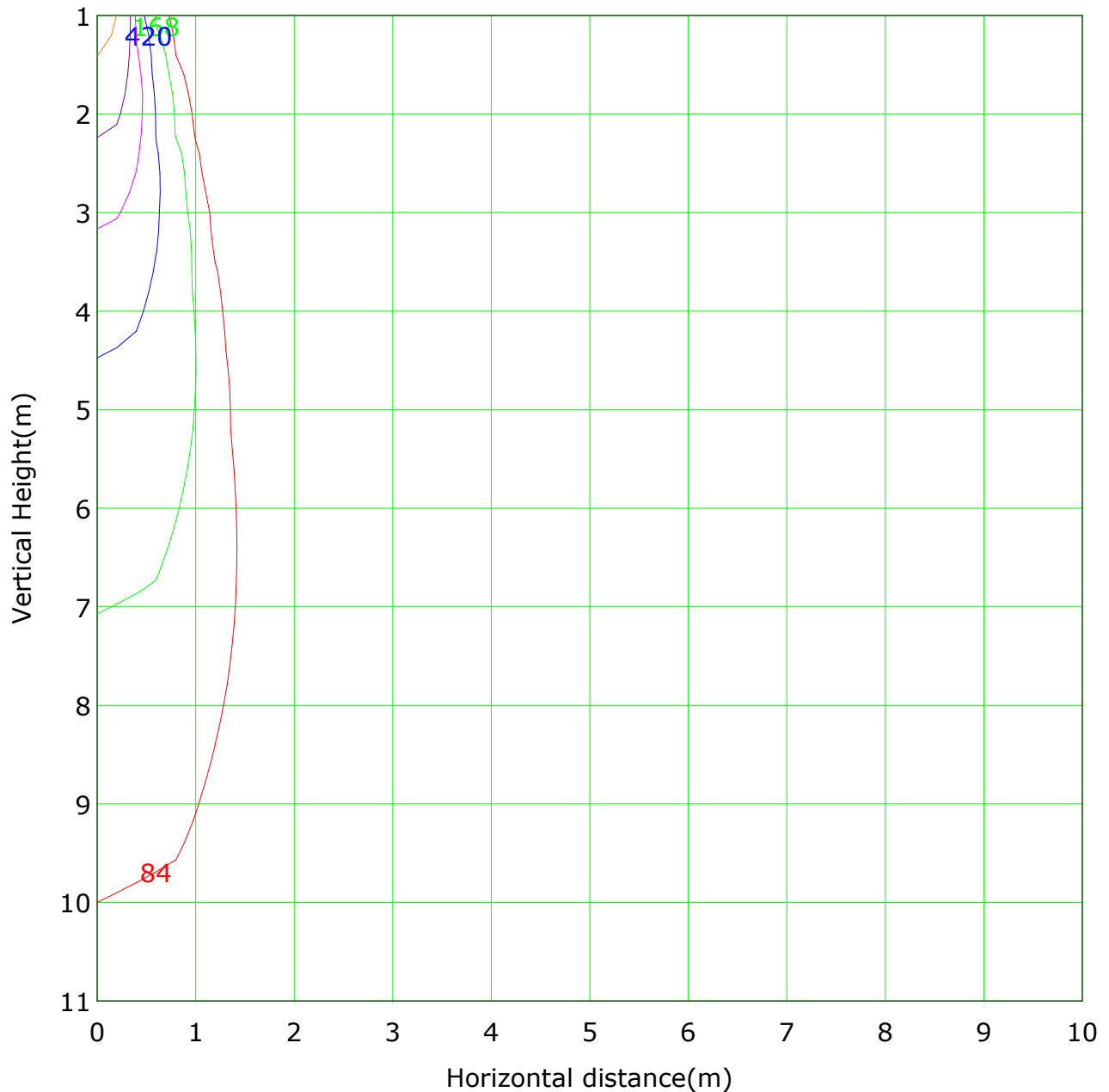
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



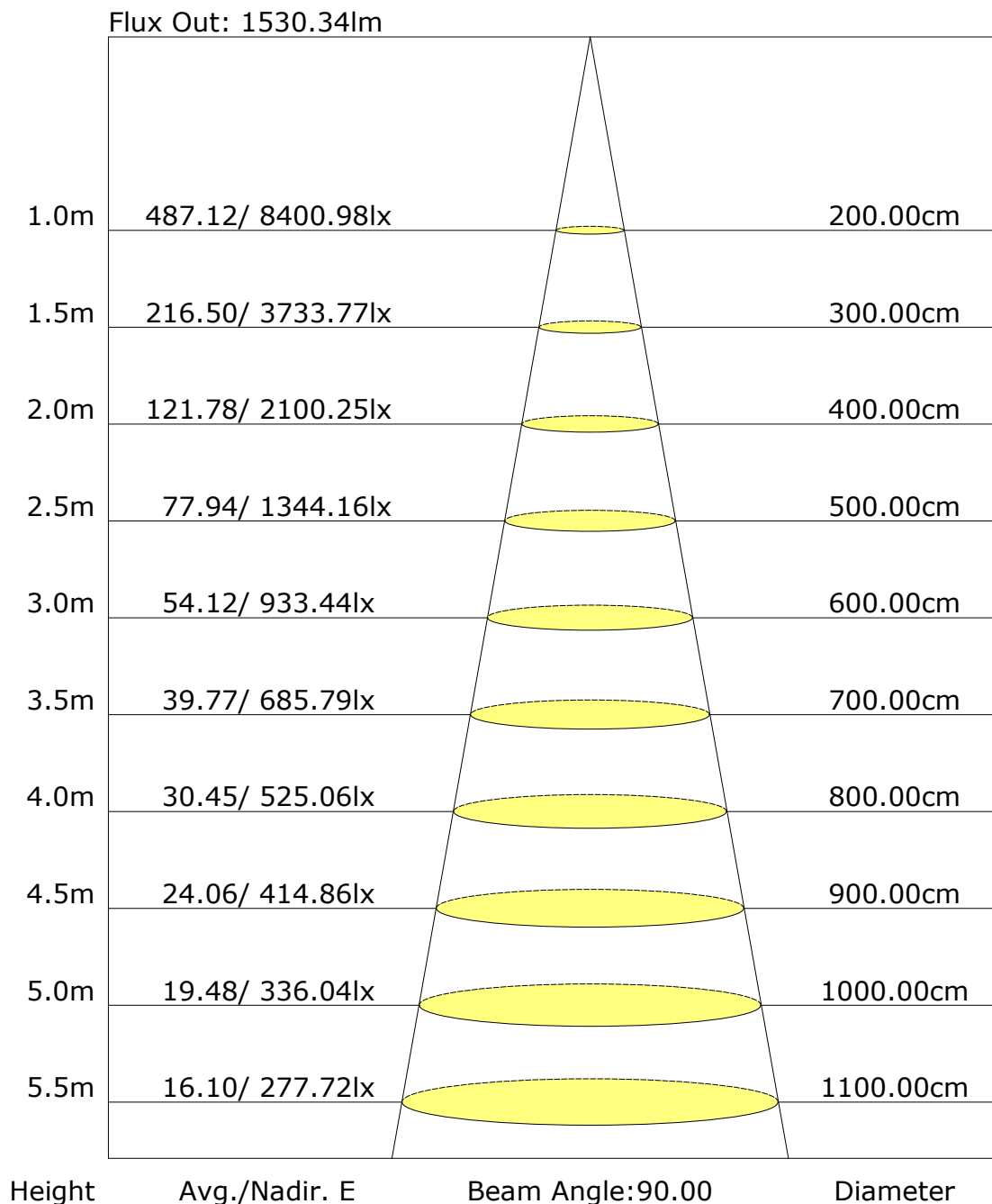
Lowest(m): 1m Highest(m): 11 Max Lux: 8401

|                 |                 |
|-----------------|-----------------|
| ( 1%): 84 lx    | ( 2%): 168 lx   |
| ( 5%): 420 lx   | ( 10%): 840 lx  |
| ( 20%): 1680 lx | ( 50%): 4200 lx |
| (100%): 8401 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: