

Report No.: 62.03517 Track Light

Test Time: 2023-09-07 10:22

## Luminaire Property

Luminaire Category: Bridgelux V4 3000K CRI90

Voltage: 218.5 V

Current: 0.071 A

Power: 8.90 W

Power Factor: 0.570

## Photometric Results

CIE Class: Direct

Measurement Flux: 548.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H23

Vertical Diffuse Angle(50%): V23

Luminaire Efficacy Rating (LER): 62

Max. Intensity: 3109.17 cd

Total Rated Lamp Lumens: 548.1 lm

Efficiency: 100%

Upward Ratio: 0%

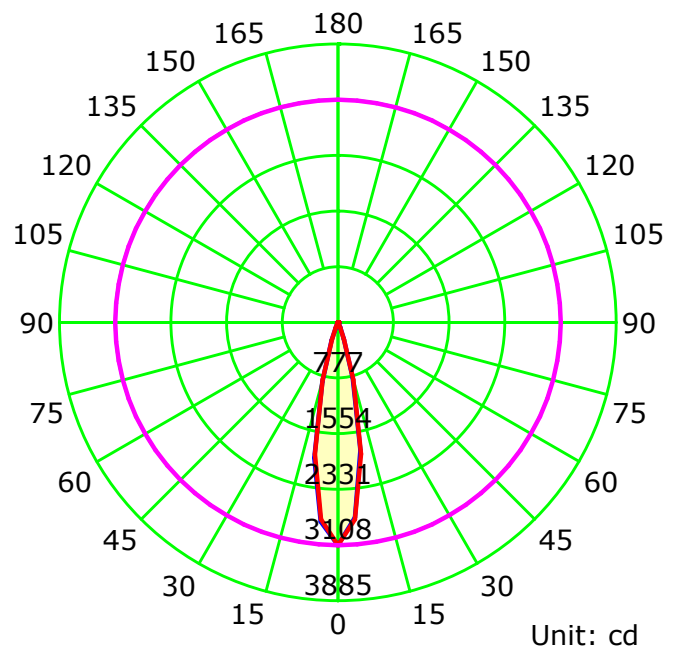
Central Intensity: 3109.17 cd

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

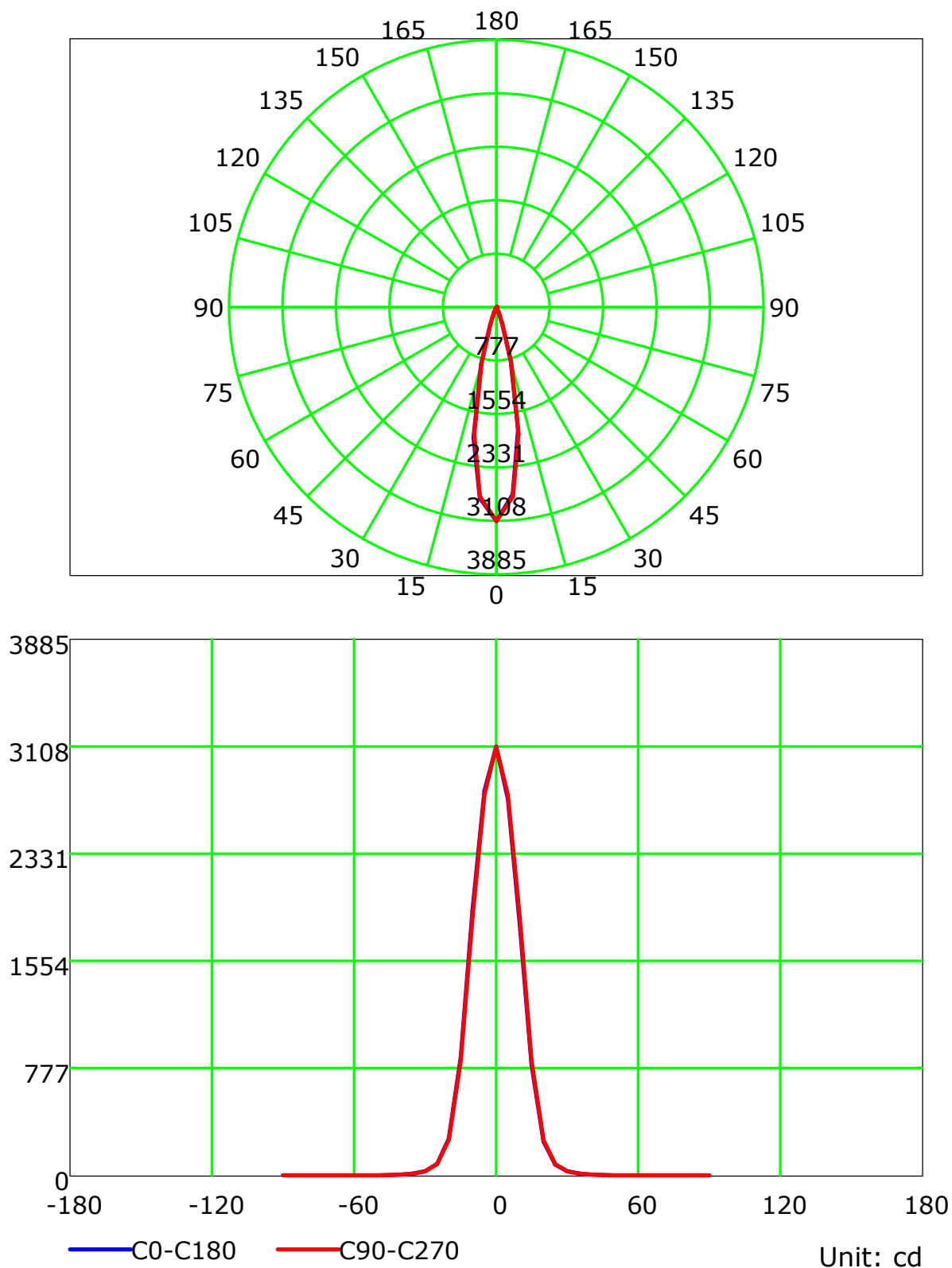
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

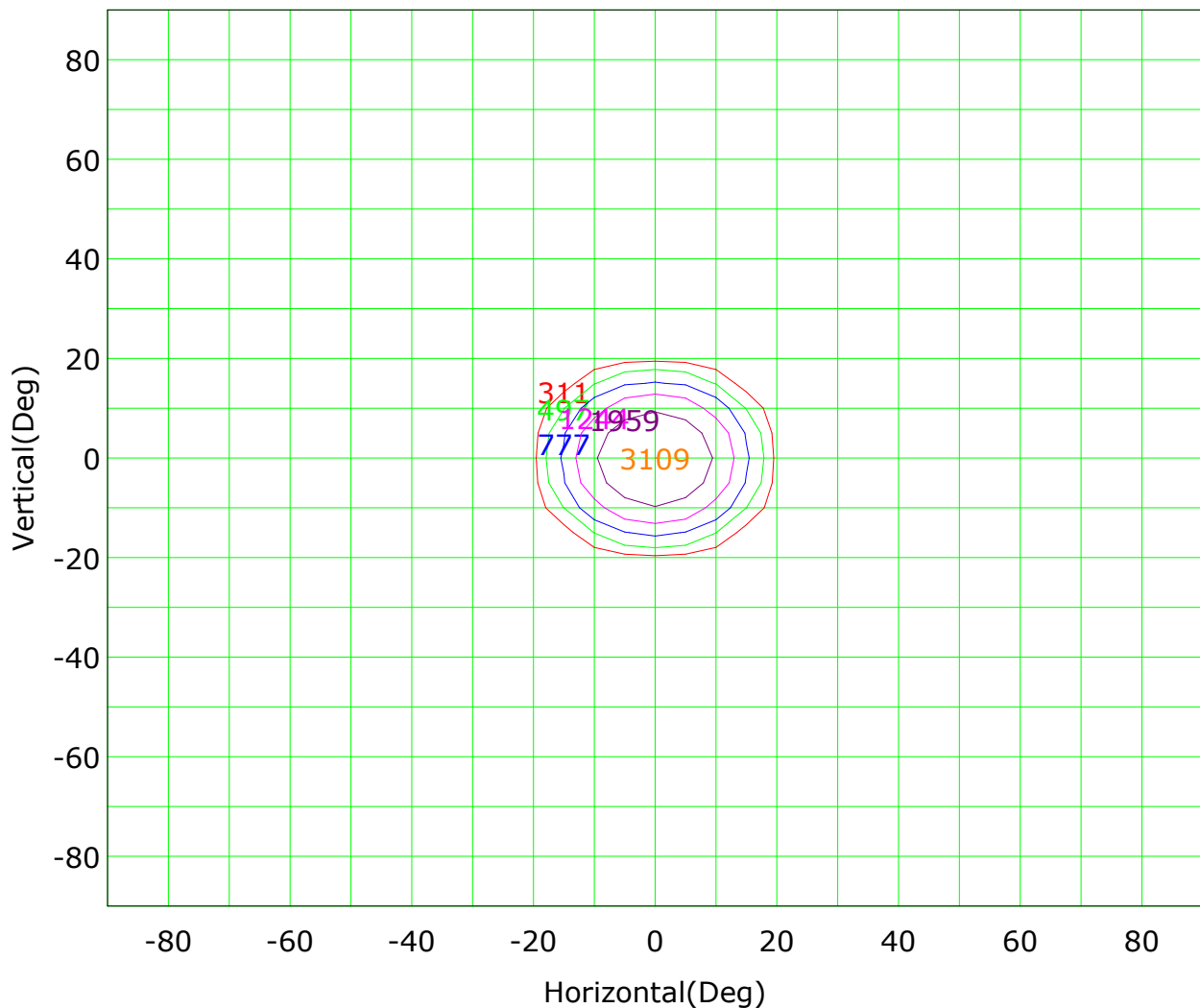
## Luminous Intensity Distribution Curve



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%): 3109 cd

|                 |                 |
|-----------------|-----------------|
| ( 10%): 311 cd  | ( 16%): 497 cd  |
| ( 25%): 777 cd  | ( 40%): 1244 cd |
| ( 63%): 1959 cd | (100%): 3109 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

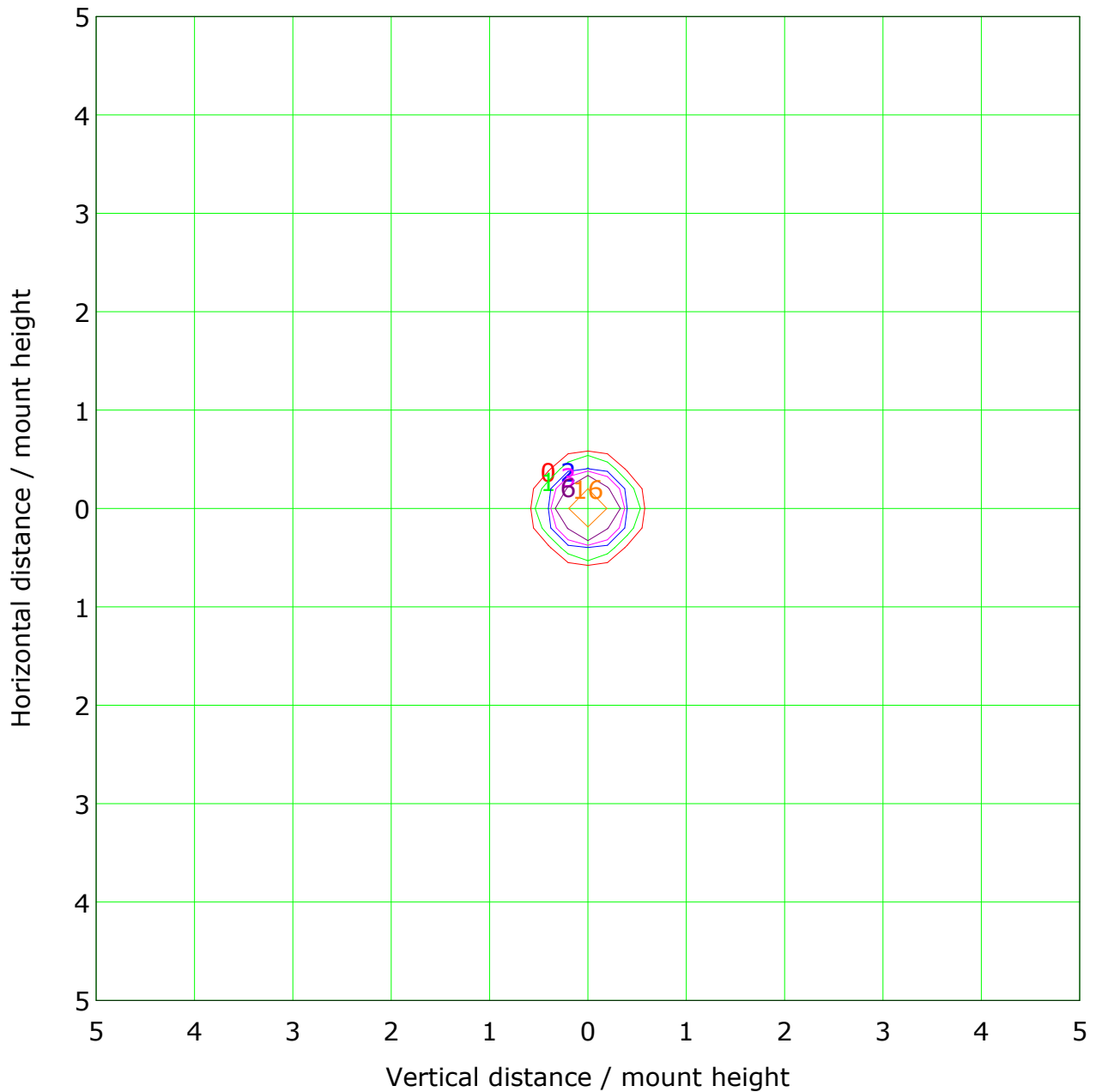
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



|                      |       |                      |       |
|----------------------|-------|----------------------|-------|
| Mounting Height: 10m |       | Max Lux(100%): 31 lx |       |
| ( 1%):               | 0 lx  | ( 2%):               | 1 lx  |
| ( 5%):               | 2 lx  | ( 10%):              | 3 lx  |
| ( 20%):              | 6 lx  | ( 50%):              | 16 lx |
| (100%):              | 31 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

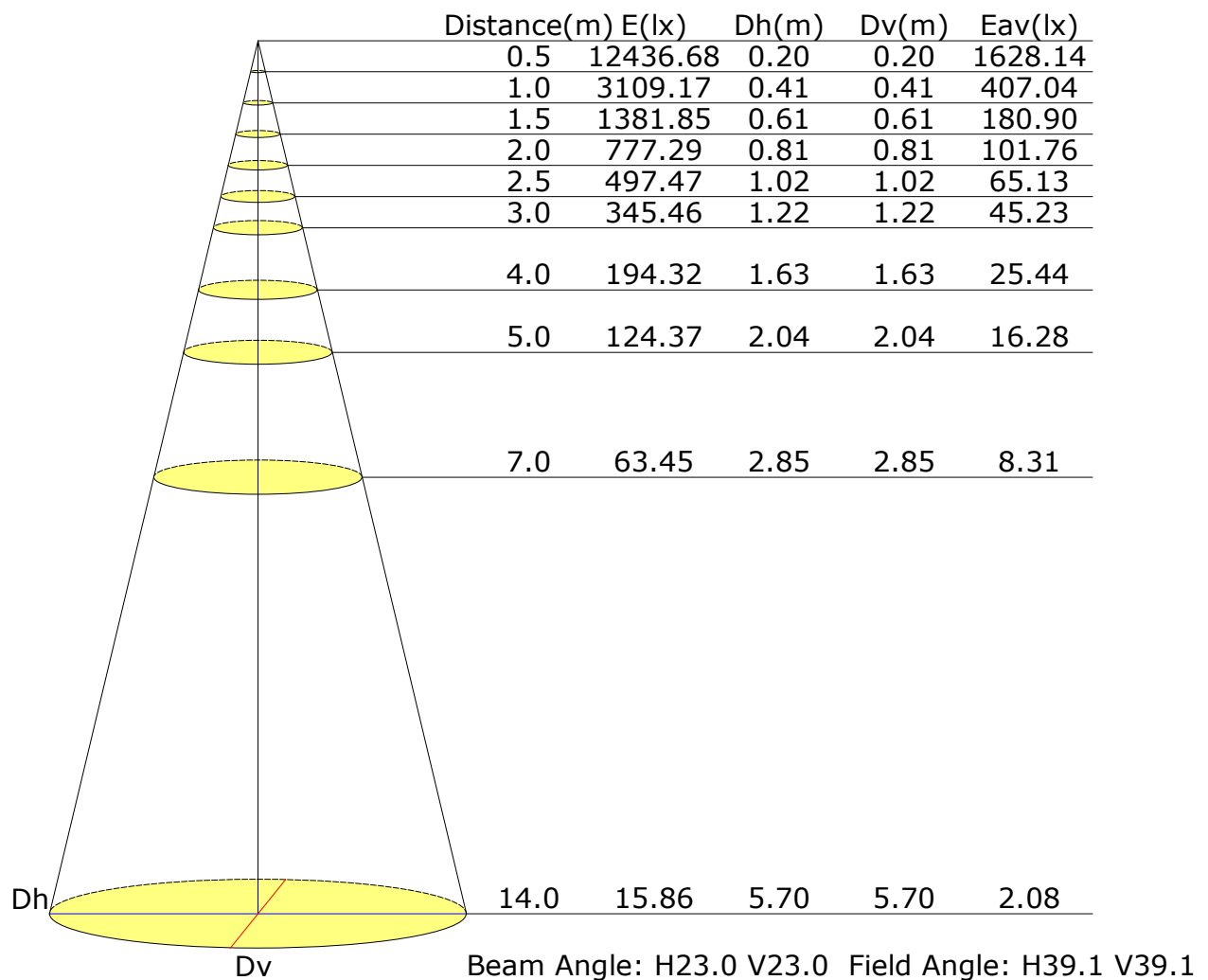
Test Device: CHL-6E

Distance: 3.000 m

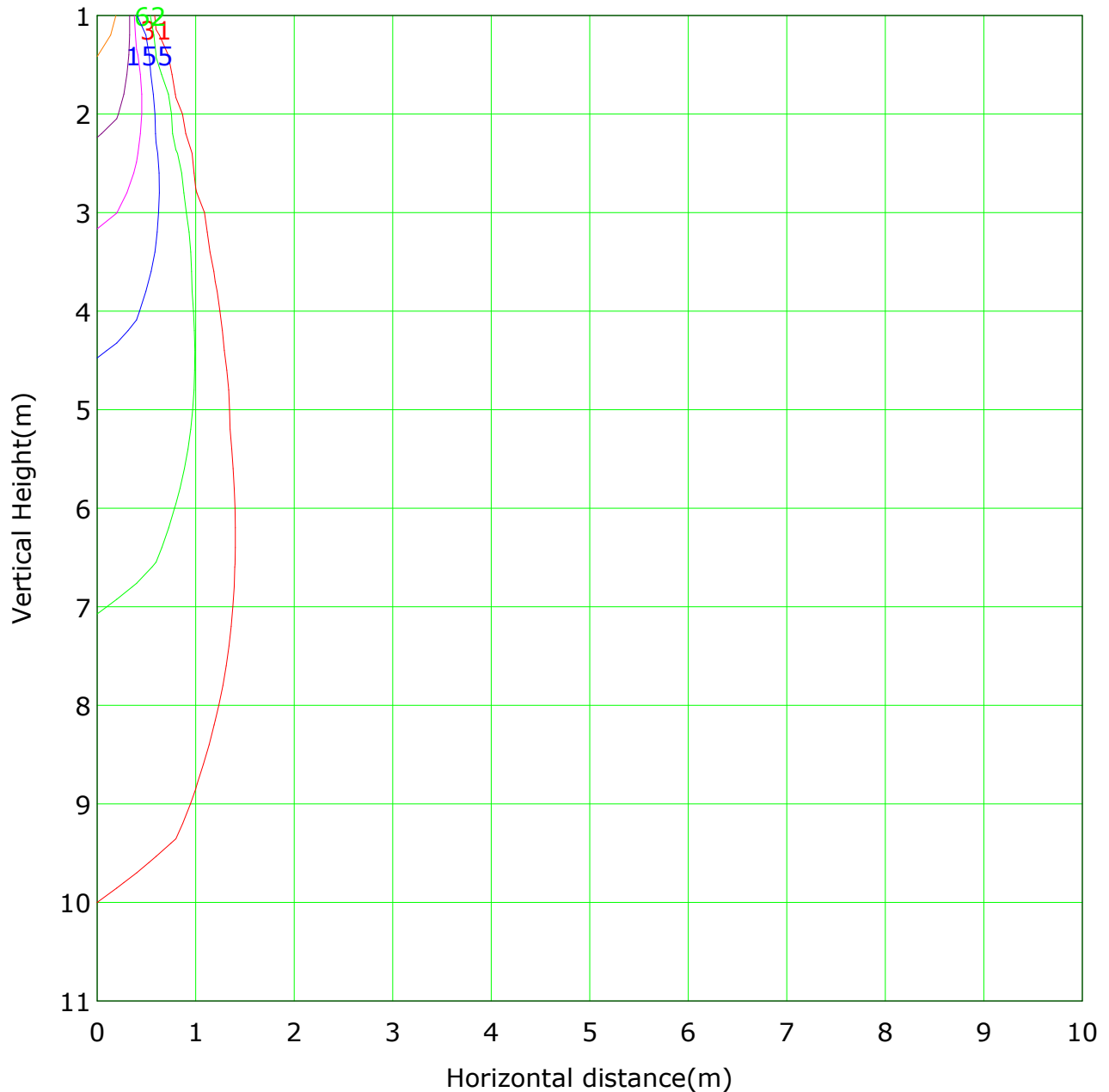
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



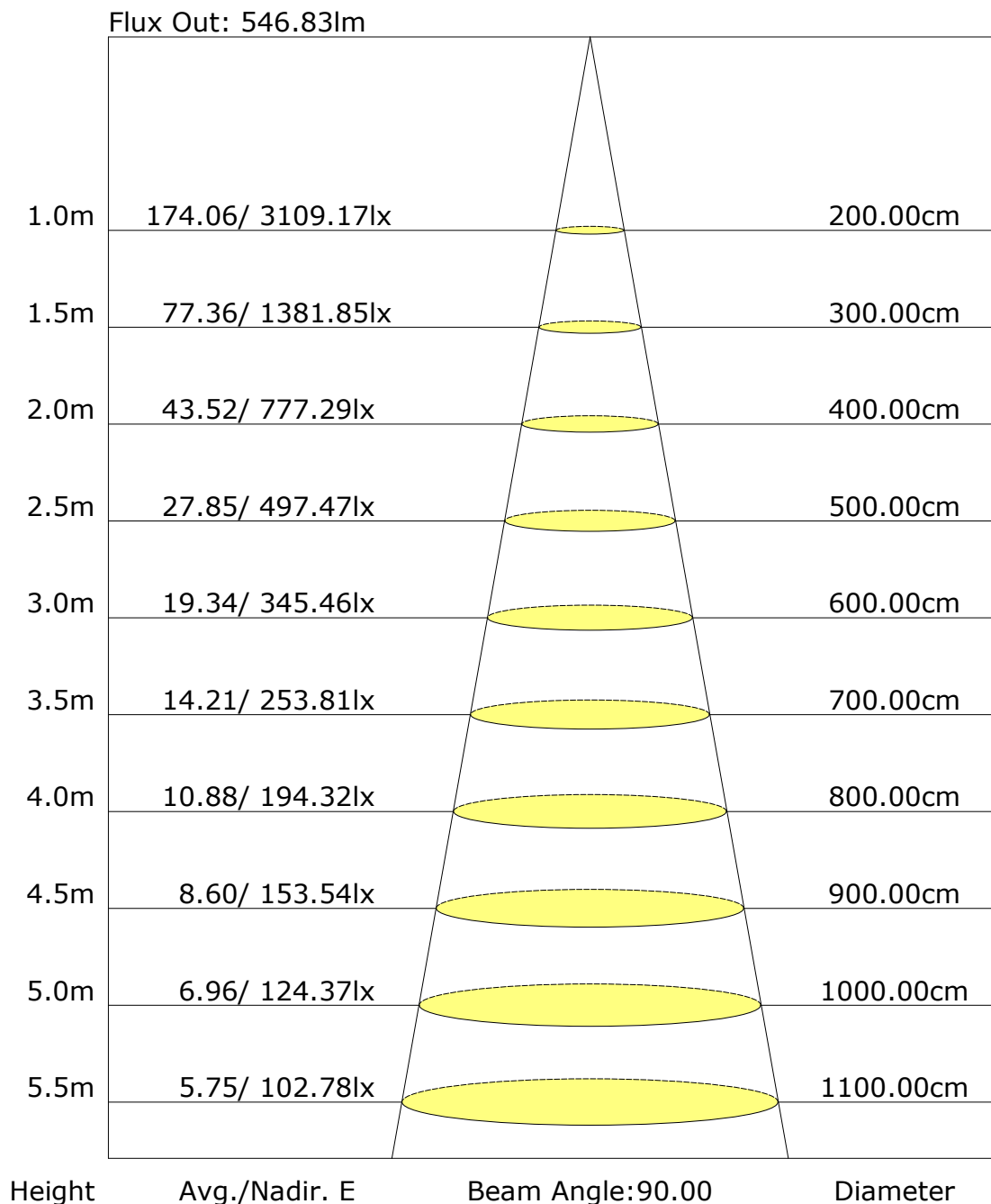
Lowest(m): 1m    Highest(m): 11    Max Lux: 3109

|                 |                 |
|-----------------|-----------------|
| ( 1%): 31 lx    | ( 2%): 62 lx    |
| ( 5%): 155 lx   | ( 10%): 311 lx  |
| ( 20%): 622 lx  | ( 50%): 1555 lx |
| (100%): 3109 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: