

Report No.: 62.07013 OPAL Tracklight

Test Time: 2023-07-08 10:15

Luminaire Property

Luminaire Category: Citizen 1205 3000K CRI90

Luminaire Description: 24D

Current: 0.255 A

Power Factor: 0.501

Voltage: 210.6 V

Power: 27.10 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1661.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H23.7

Vertical Diffuse Angle(50%): V23.7

Luminaire Efficacy Rating (LER): 61

Max. Intensity: 8027.17 cd

Total Rated Lamp Lumens: 1661.7 lm

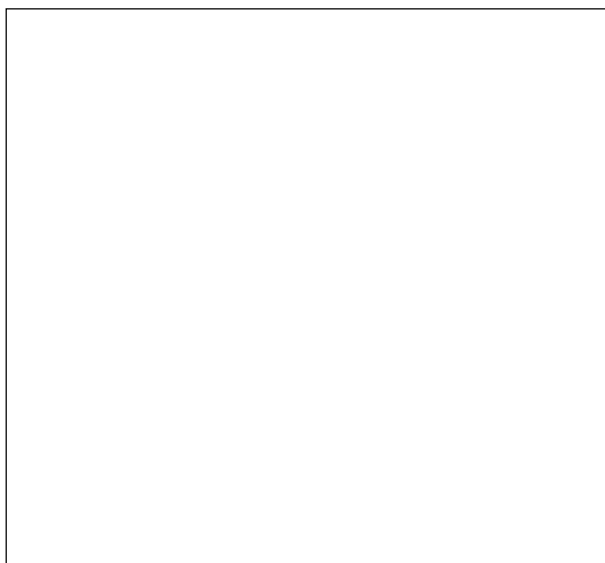
Efficiency: 100%

Upward Ratio: 0%

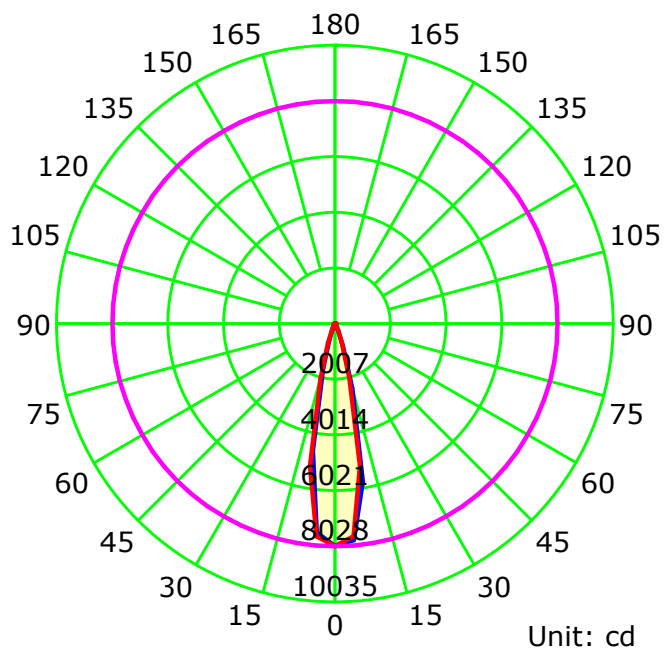
Central Intensity: 8027.17 cd

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

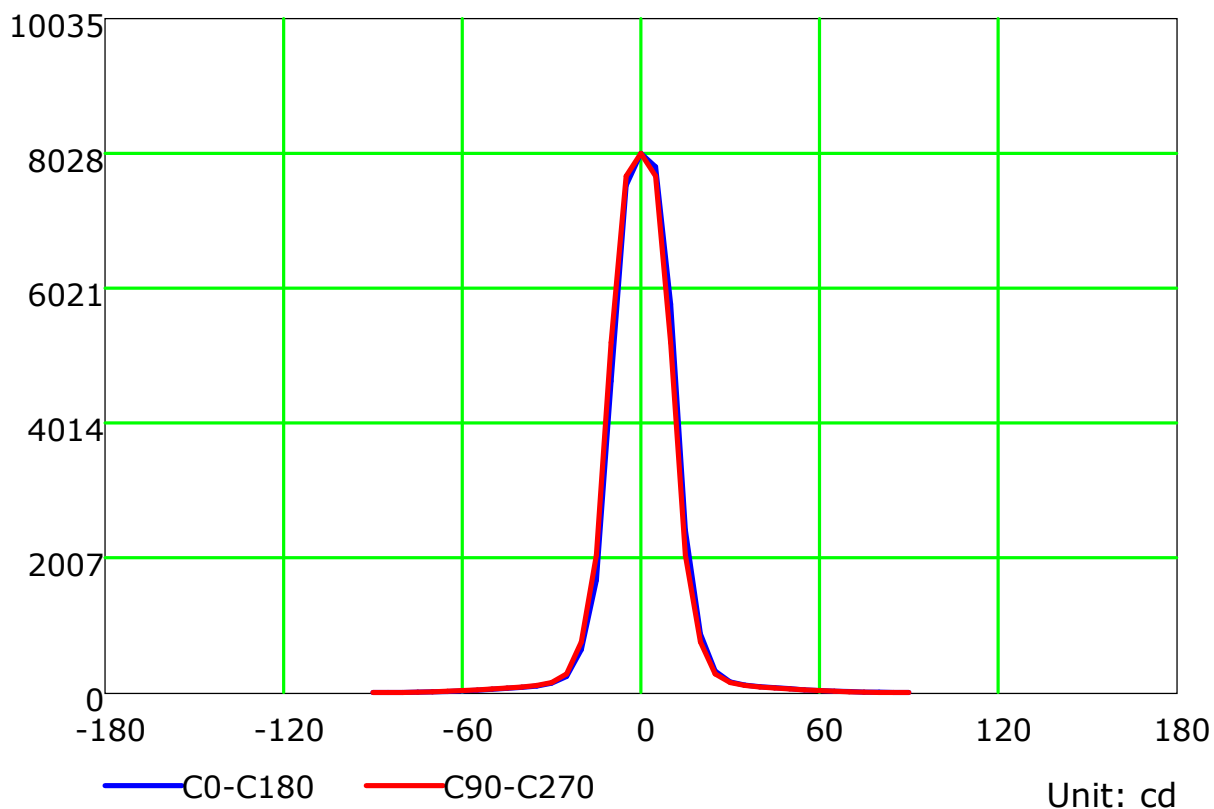
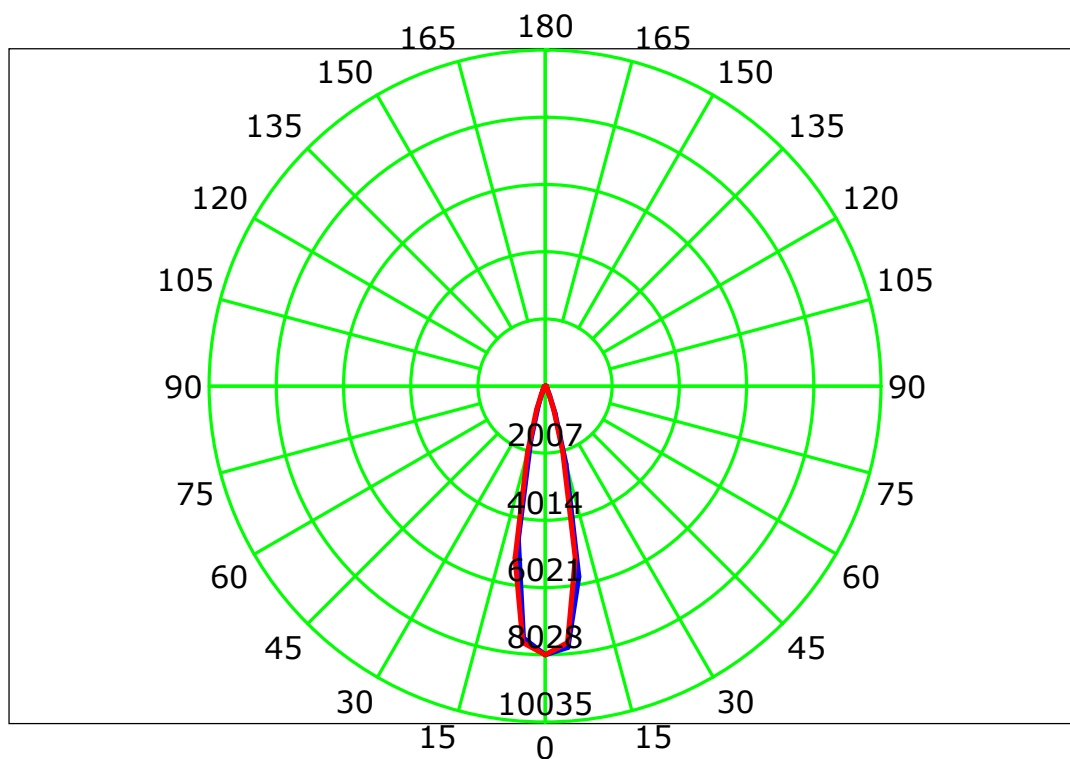
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

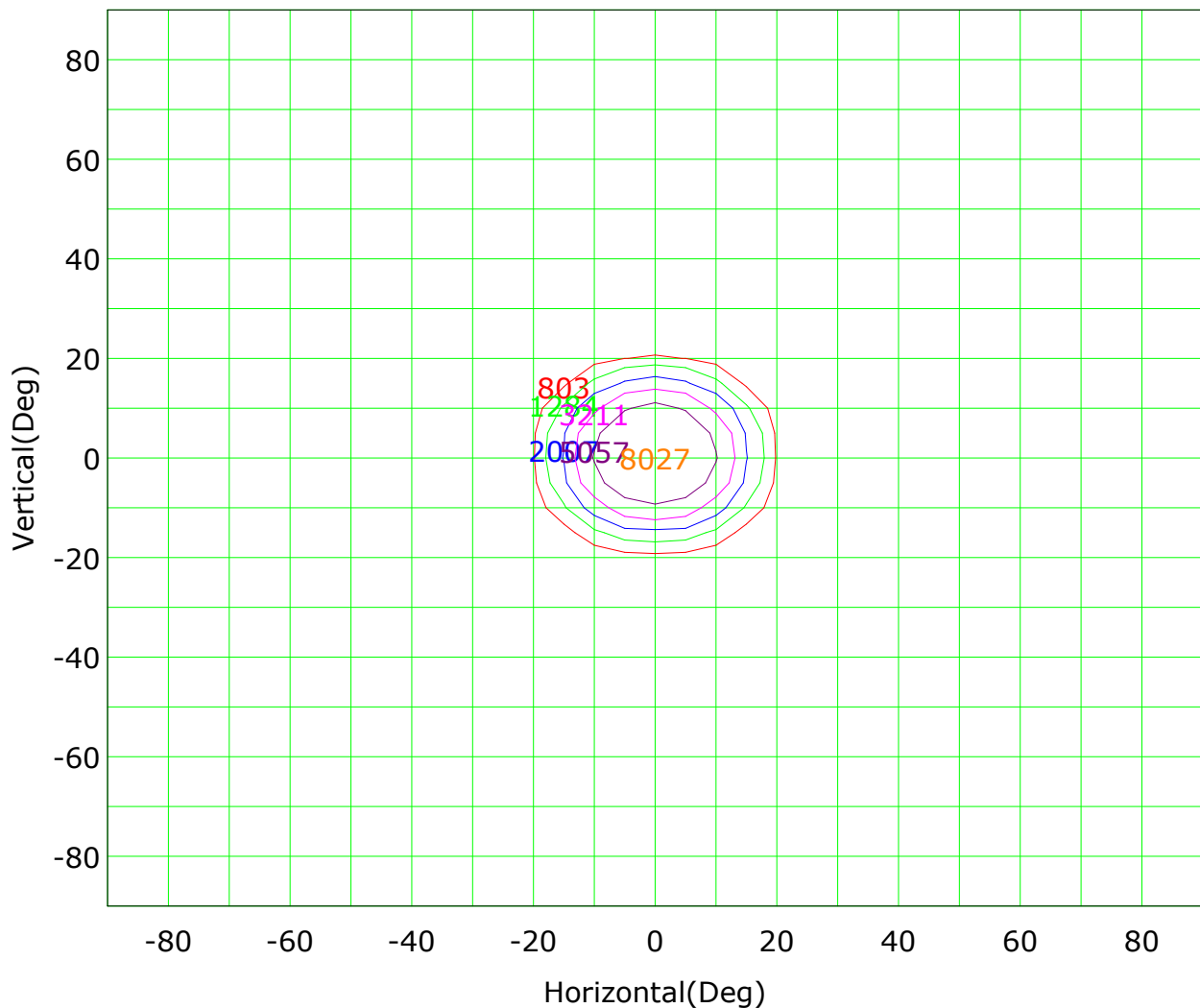
Luminous Intensity Distribution Curve



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%): 8027 cd

| | |
|-----------------|-----------------|
| (10%): 803 cd | (16%): 1284 cd |
| (25%): 2007 cd | (40%): 3211 cd |
| (63%): 5057 cd | (100%): 8027 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

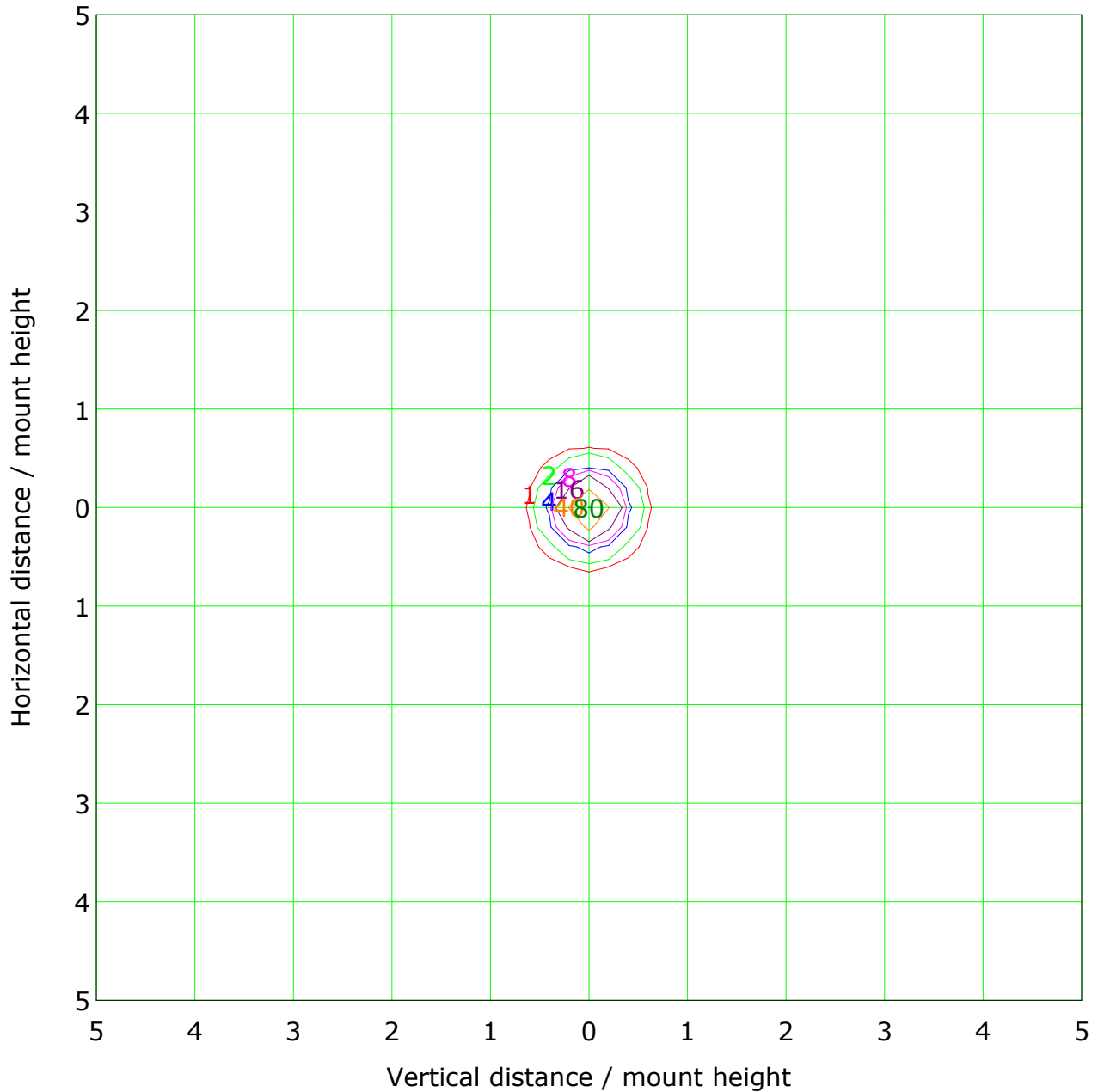
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



| | | | |
|----------------------|-------|----------------------|-------|
| Mounting Height: 10m | | Max Lux(100%): 80 lx | |
| (1%): | 1 lx | (2%): | 2 lx |
| (5%): | 4 lx | (10%): | 8 lx |
| (20%): | 16 lx | (50%): | 40 lx |
| (100%): | 80 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

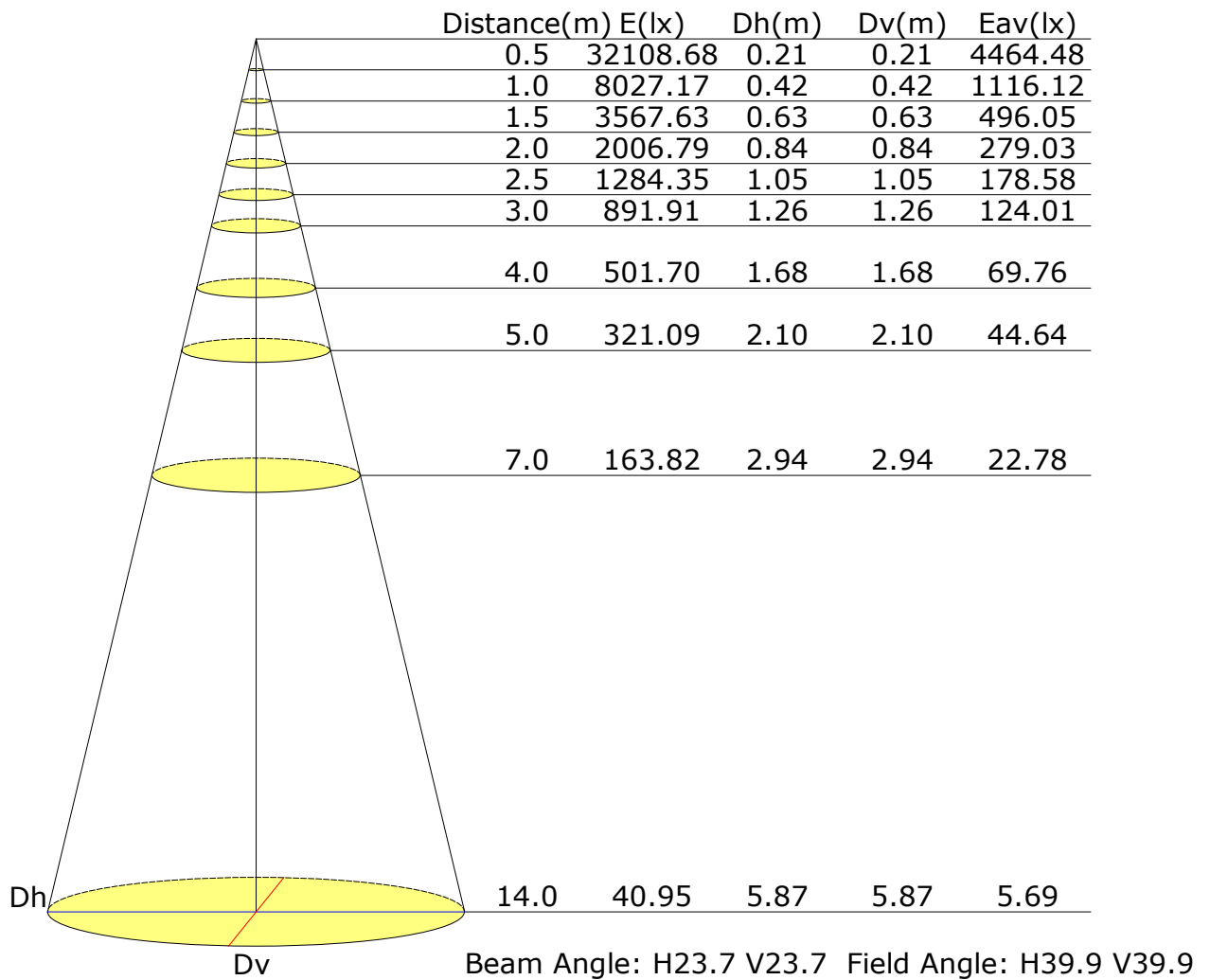
Test Device: CHL-6E

Distance: 3.000 m

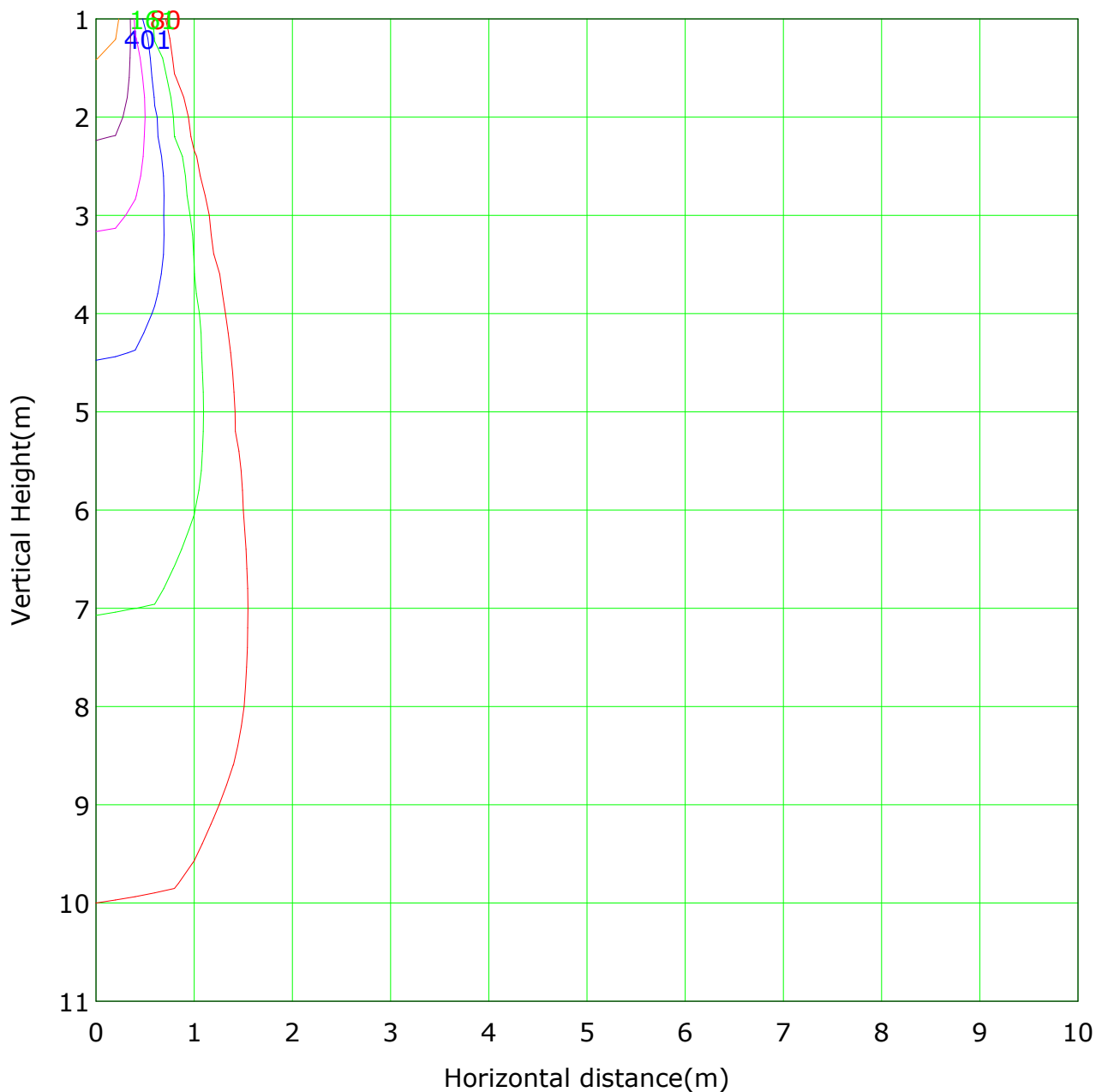
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



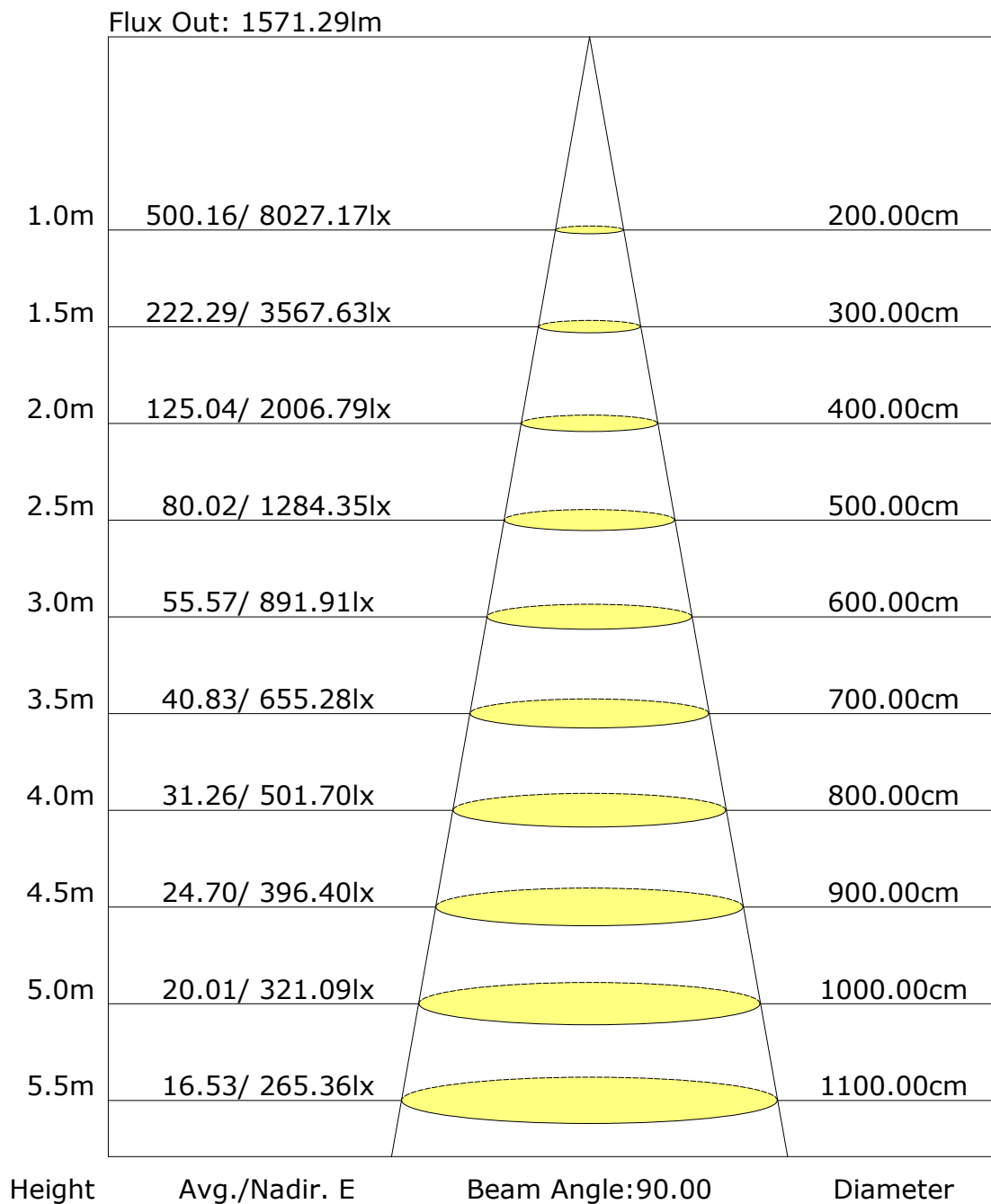
Lowest(m): 1m Highest(m): 11 Max Lux: 8027

| | |
|-----------------|-----------------|
| (1%): 80 lx | (2%): 161 lx |
| (5%): 401 lx | (10%): 803 lx |
| (20%): 1605 lx | (50%): 4014 lx |
| (100%): 8027 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]

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:

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: