

Report No.: 56.03711 Noval light

Test Time: 2023-09-27 11:01

Luminaire Property

Luminaire Category: Bridgelux V6第八代 3000K CRI90

Voltage: 213.6 V

Current: 0.038 A

Power: 6.20 W

Power Factor: 0.760

Photometric Results

CIE Class: Direct

Measurement Flux: 402.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H18.5

Vertical Diffuse Angle(50%): V18.5

Luminaire Efficacy Rating (LER): 65

Max. Intensity: 2833.16 cd

Total Rated Lamp Lumens: 402.3 lm

Efficiency: 100%

Upward Ratio: 0%

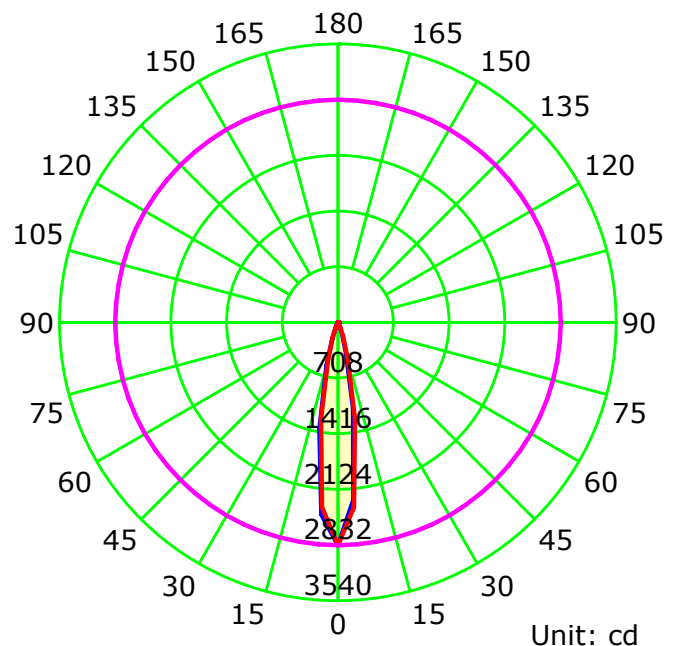
Central Intensity: 2833.16 cd

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

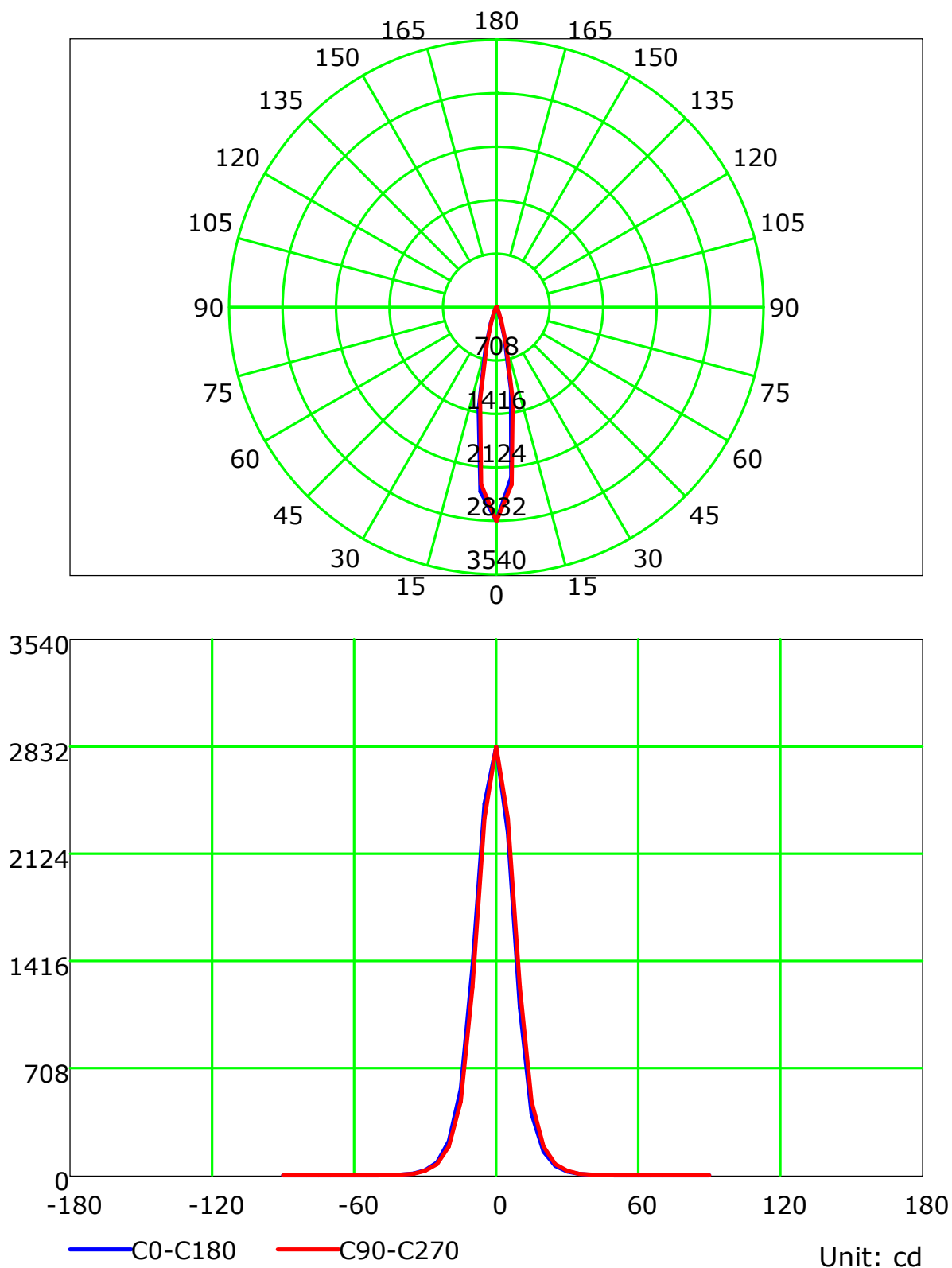
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

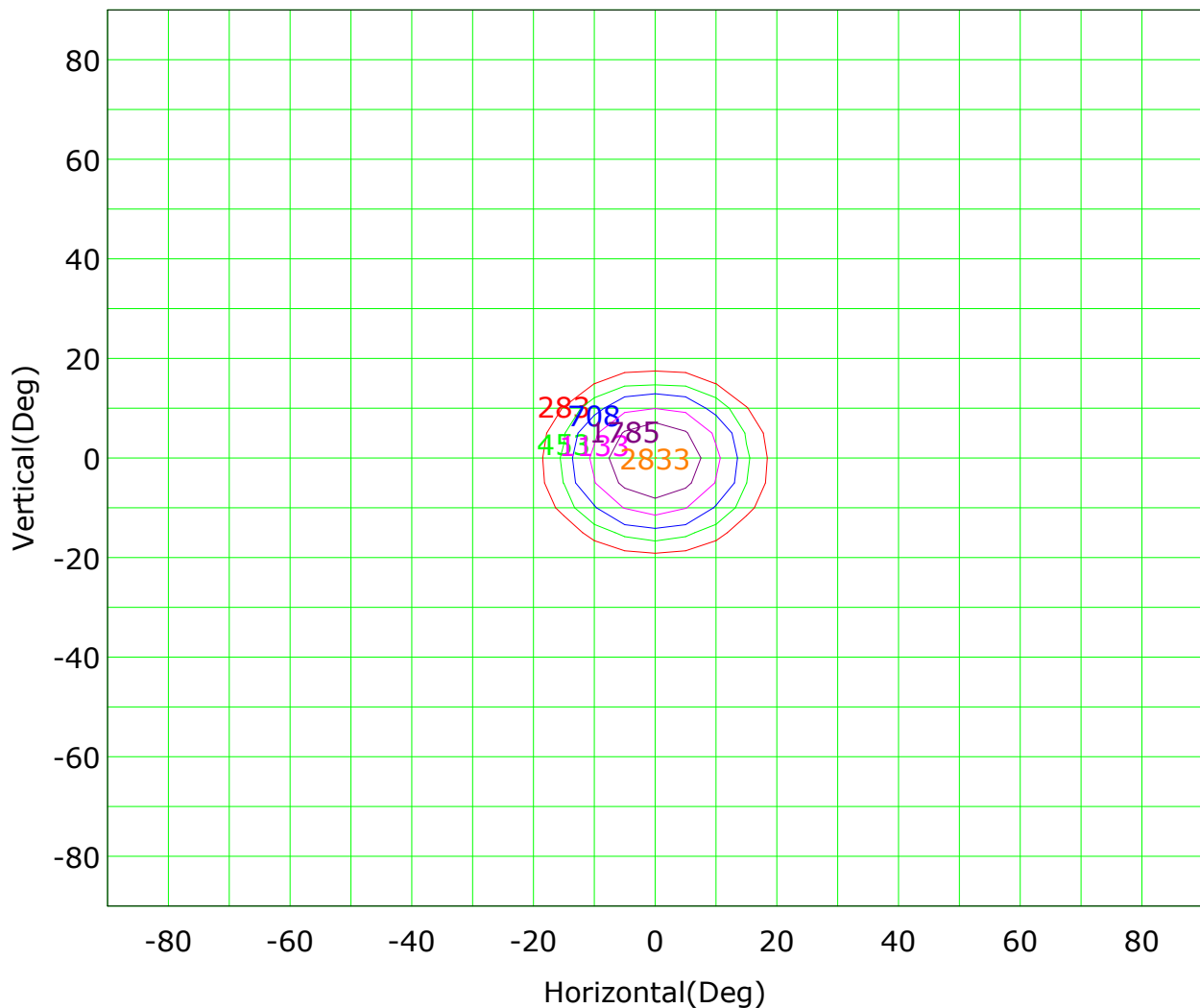
Luminous Intensity Distribution Curve



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%): 2833 cd

| | |
|-----------------|-----------------|
| (10%): 283 cd | (16%): 453 cd |
| (25%): 708 cd | (40%): 1133 cd |
| (63%): 1785 cd | (100%): 2833 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

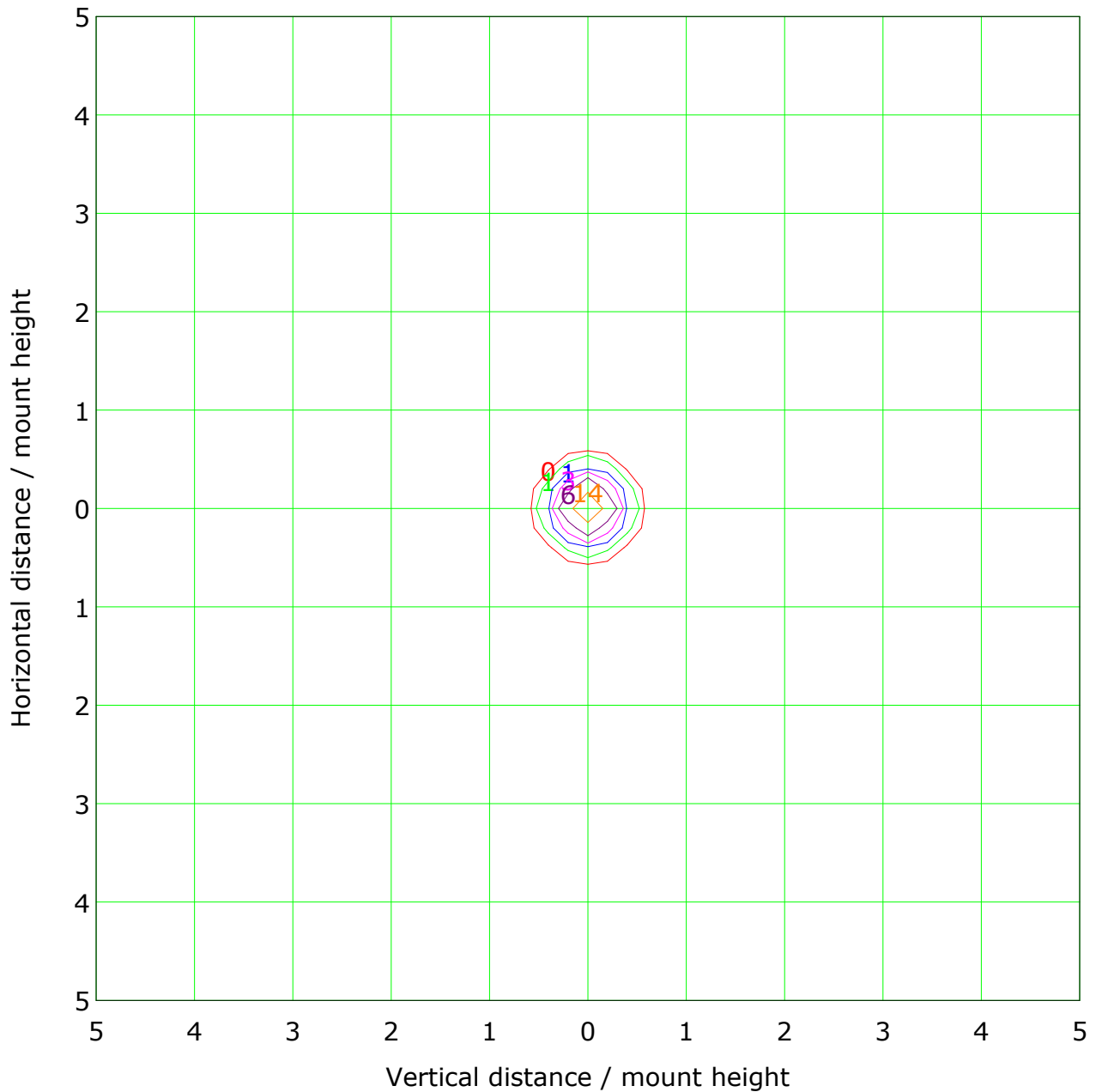
Test Device: CHL-6E

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

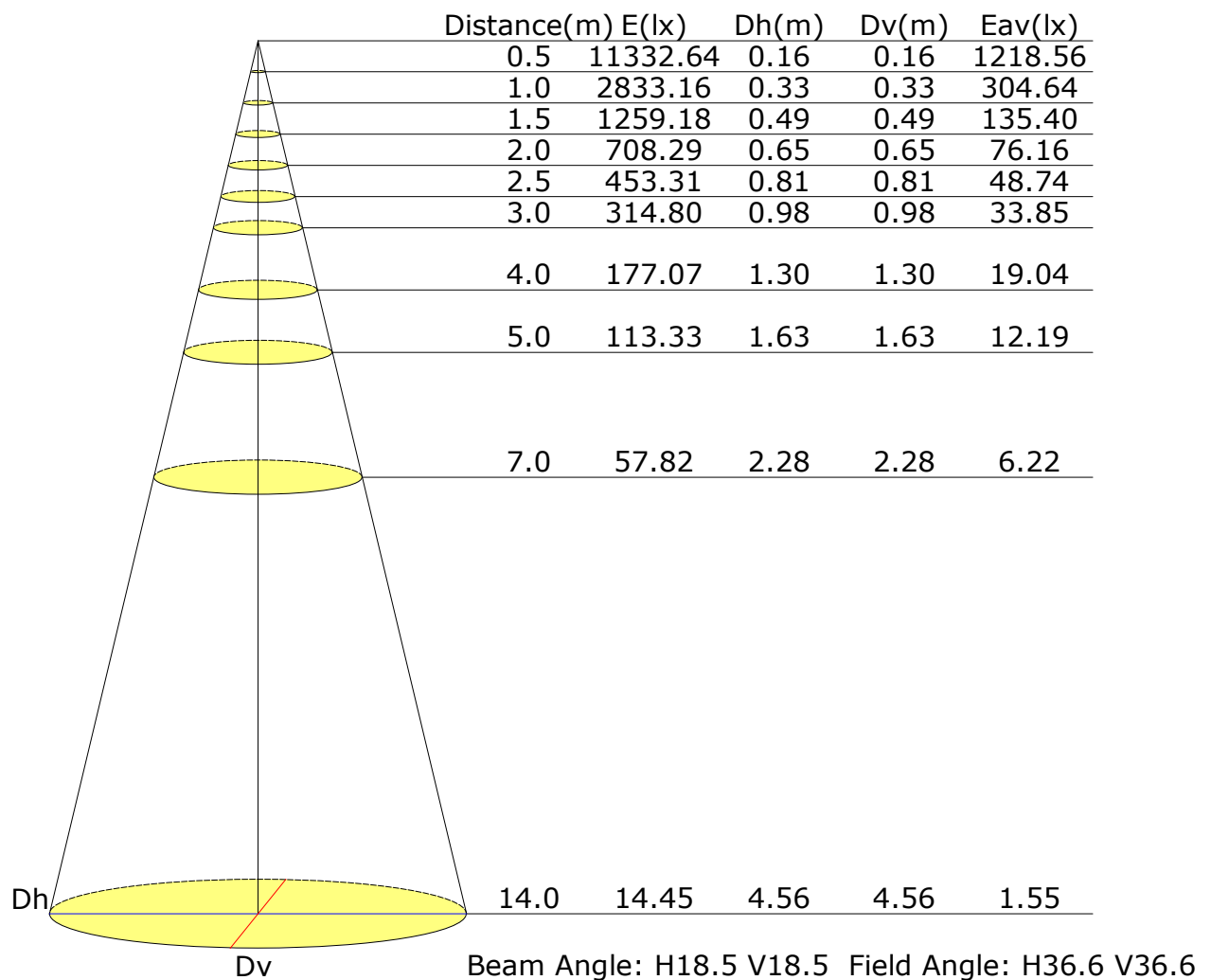
Test Device: CHL-6E

Distance: 3.000 m

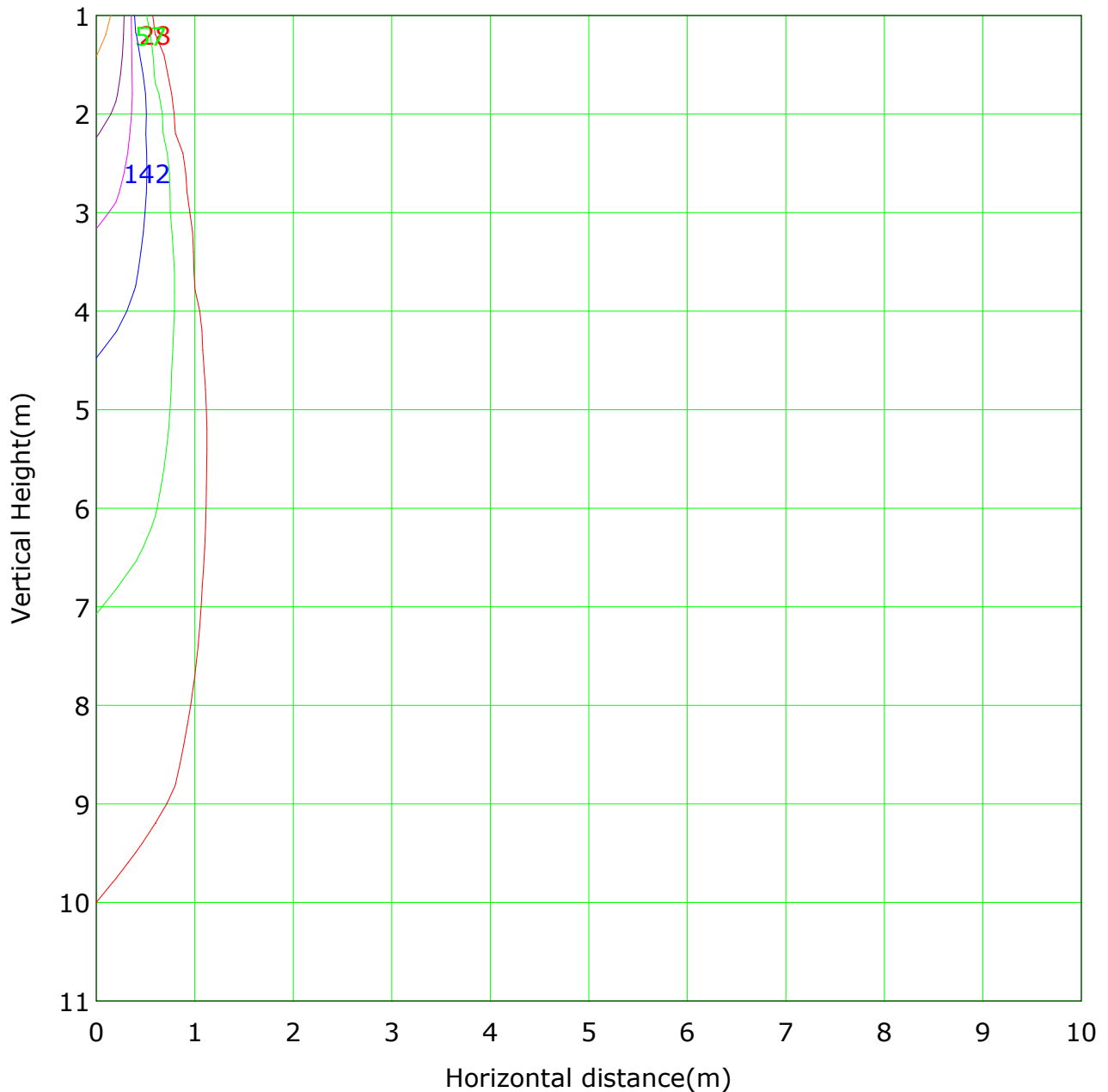
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



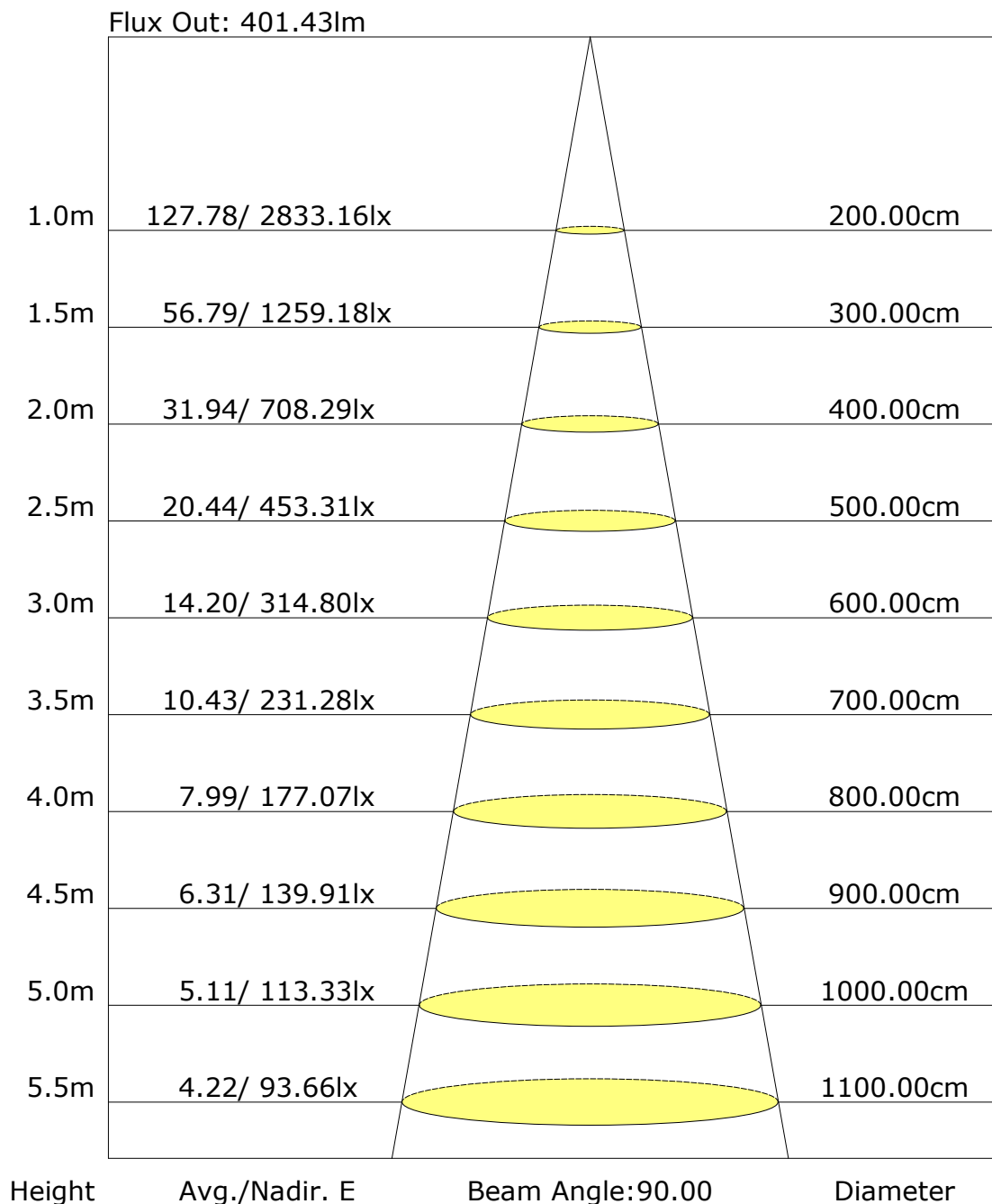
Lowest(m): 1m Highest(m): 11 Max Lux: 2833

| | |
|-----------------|-----------------|
| (1%): 28 lx | (2%): 57 lx |
| (5%): 142 lx | (10%): 283 lx |
| (20%): 567 lx | (50%): 1417 lx |
| (100%): 2833 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: