

Report No.: AX-TL-AX-10W-045

Test Time: 2023-09-13 15:53

Luminaire Property

Luminaire Category: Bridgelux V8 4000K CRI90

Voltage: 221.7 V

Current: 0.052 A

Power: 10.70 W

Power Factor: 0.929

Photometric Results

CIE Class: Direct

Measurement Flux: 935.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H44.8

Vertical Diffuse Angle(50%): V44.8

Luminaire Efficacy Rating (LER): 87

Max. Intensity: 1719.73 cd

Total Rated Lamp Lumens: 935.5 lm

Efficiency: 100%

Upward Ratio: 0%

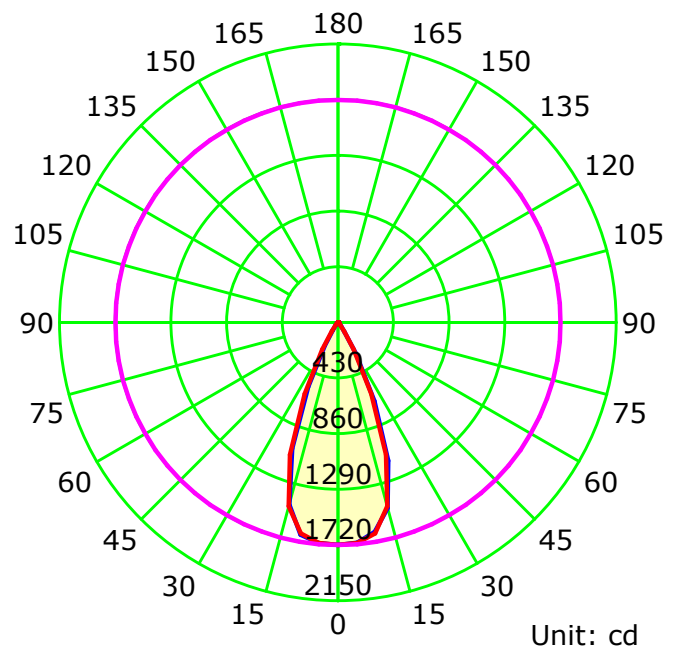
Central Intensity: 1719.73 cd

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

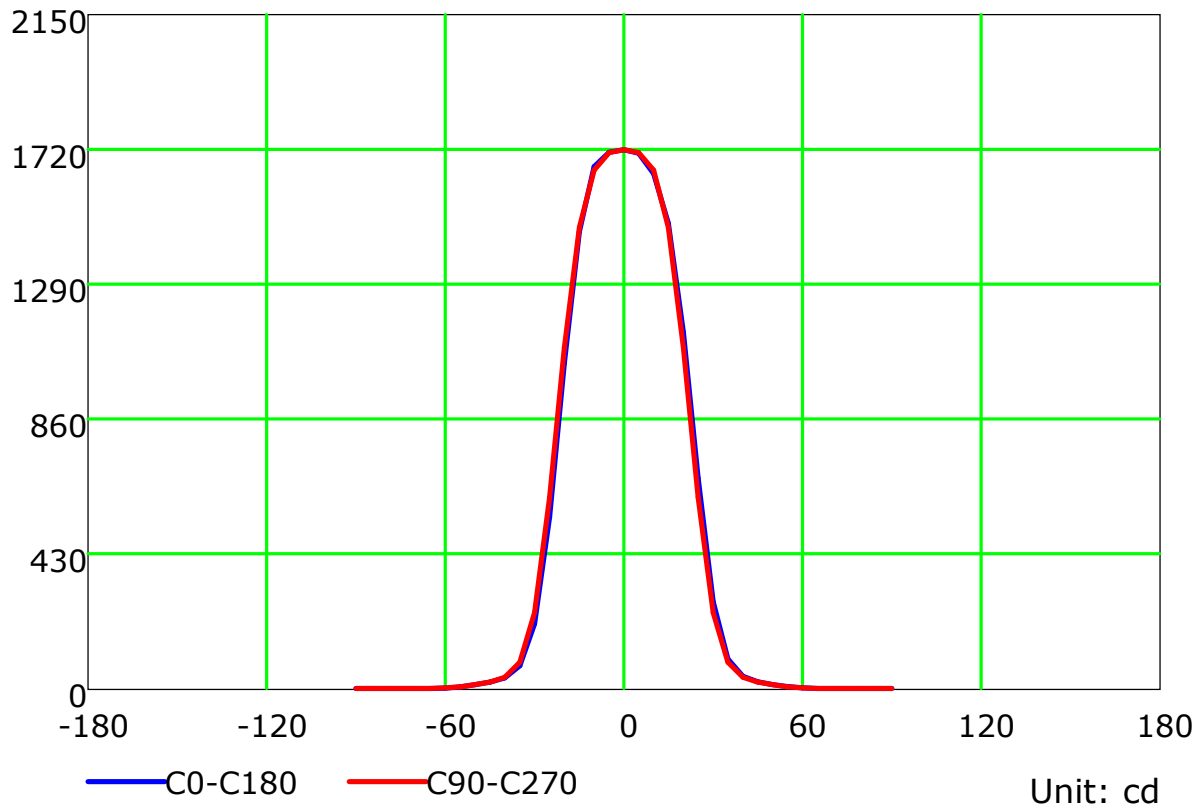
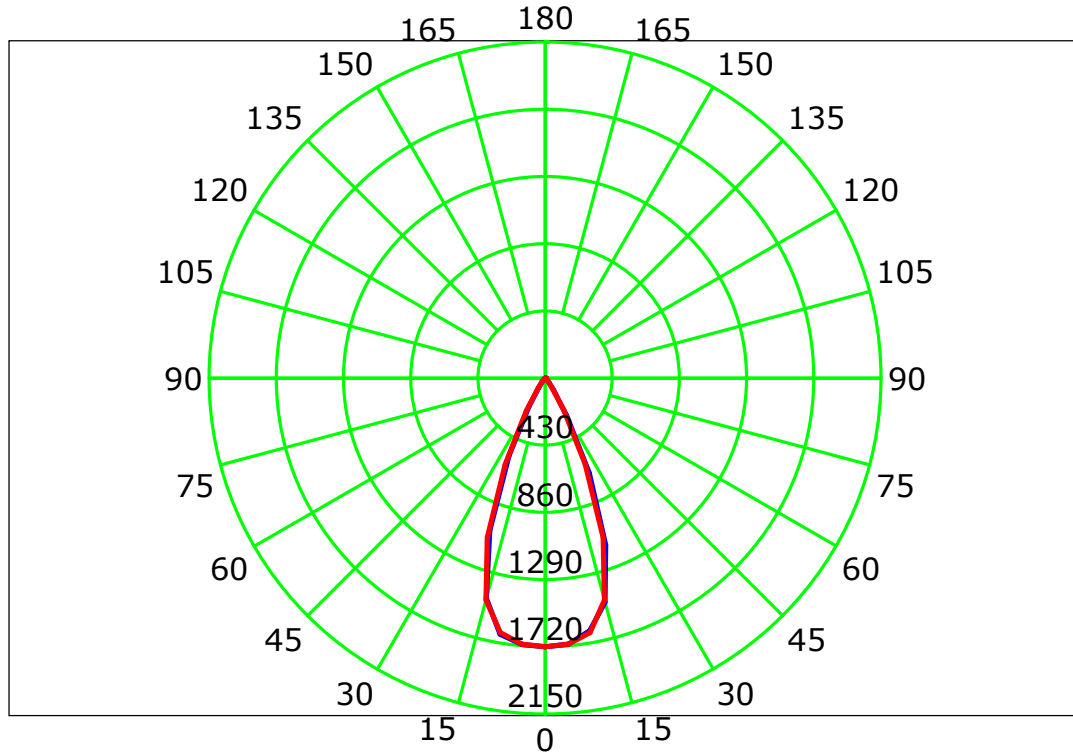
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

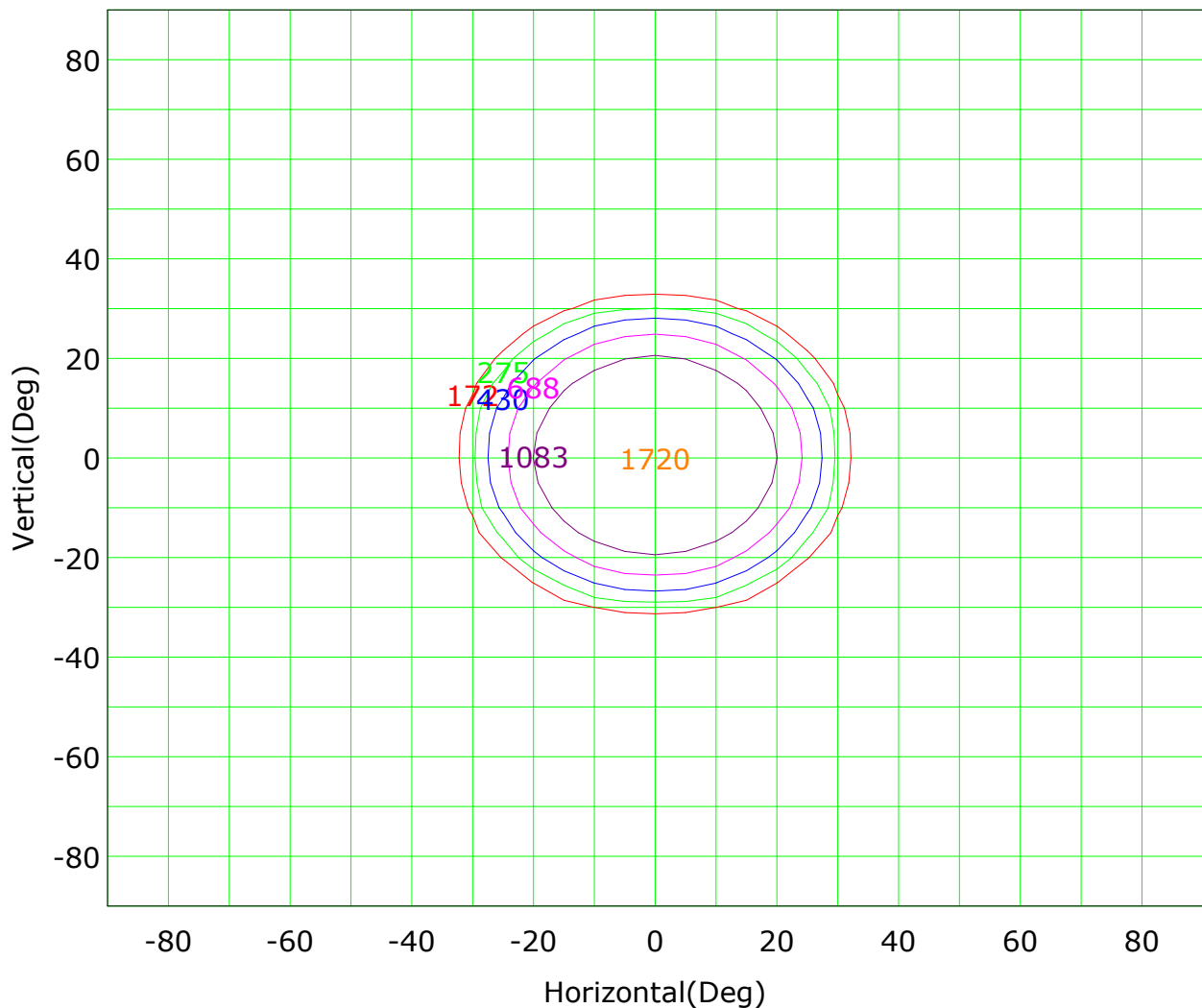
Luminous Intensity Distribution Curve



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%): 1720 cd

| | |
|-----------------|-----------------|
| (10%): 172 cd | (16%): 275 cd |
| (25%): 430 cd | (40%): 688 cd |
| (63%): 1083 cd | (100%): 1720 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

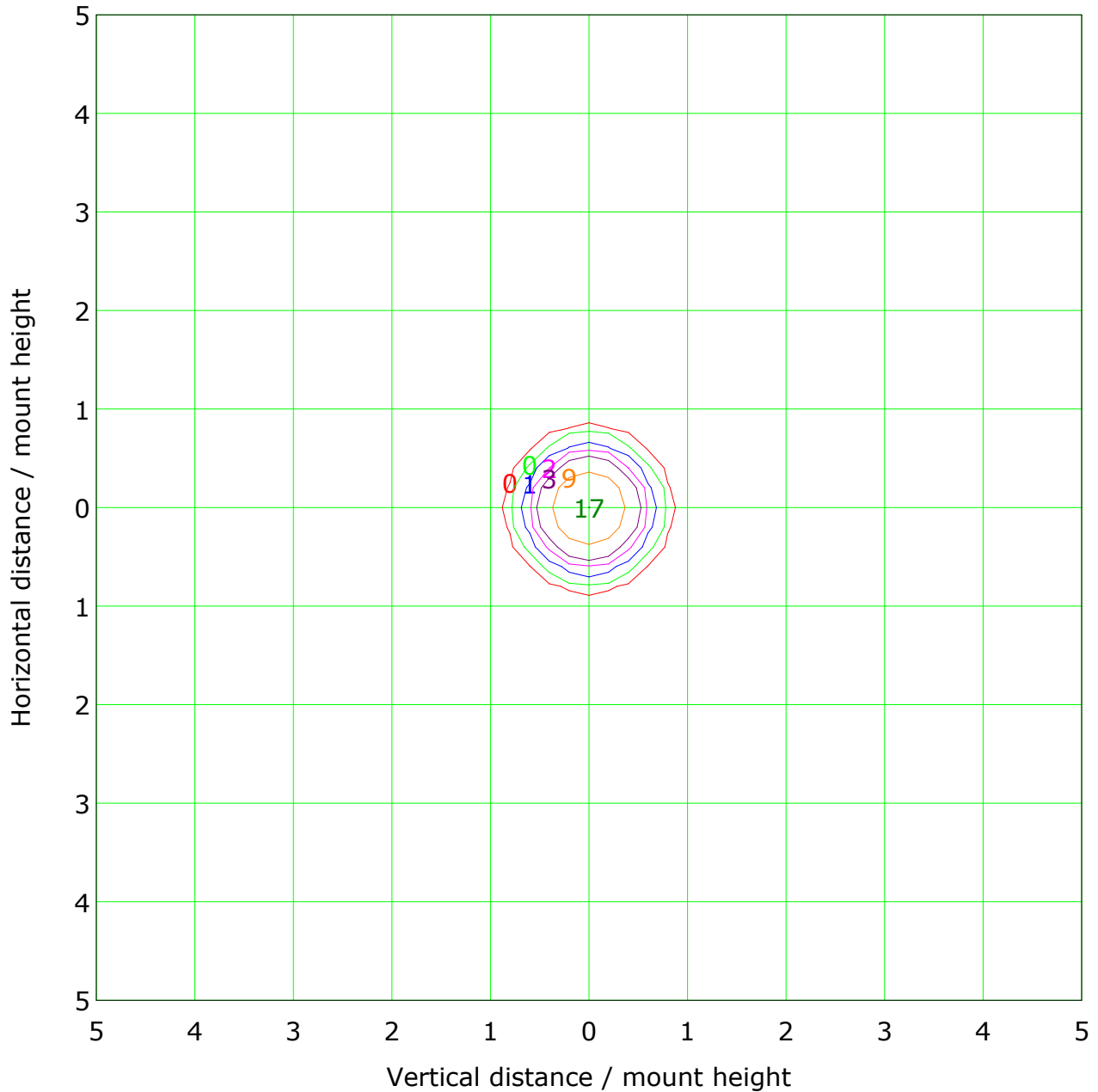
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



| | | | |
|----------------------|-------|----------------------|------|
| Mounting Height: 10m | | Max Lux(100%): 17 lx | |
| (1%): | 0 lx | (2%): | 0 lx |
| (5%): | 1 lx | (10%): | 2 lx |
| (20%): | 3 lx | (50%): | 9 lx |
| (100%): | 17 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

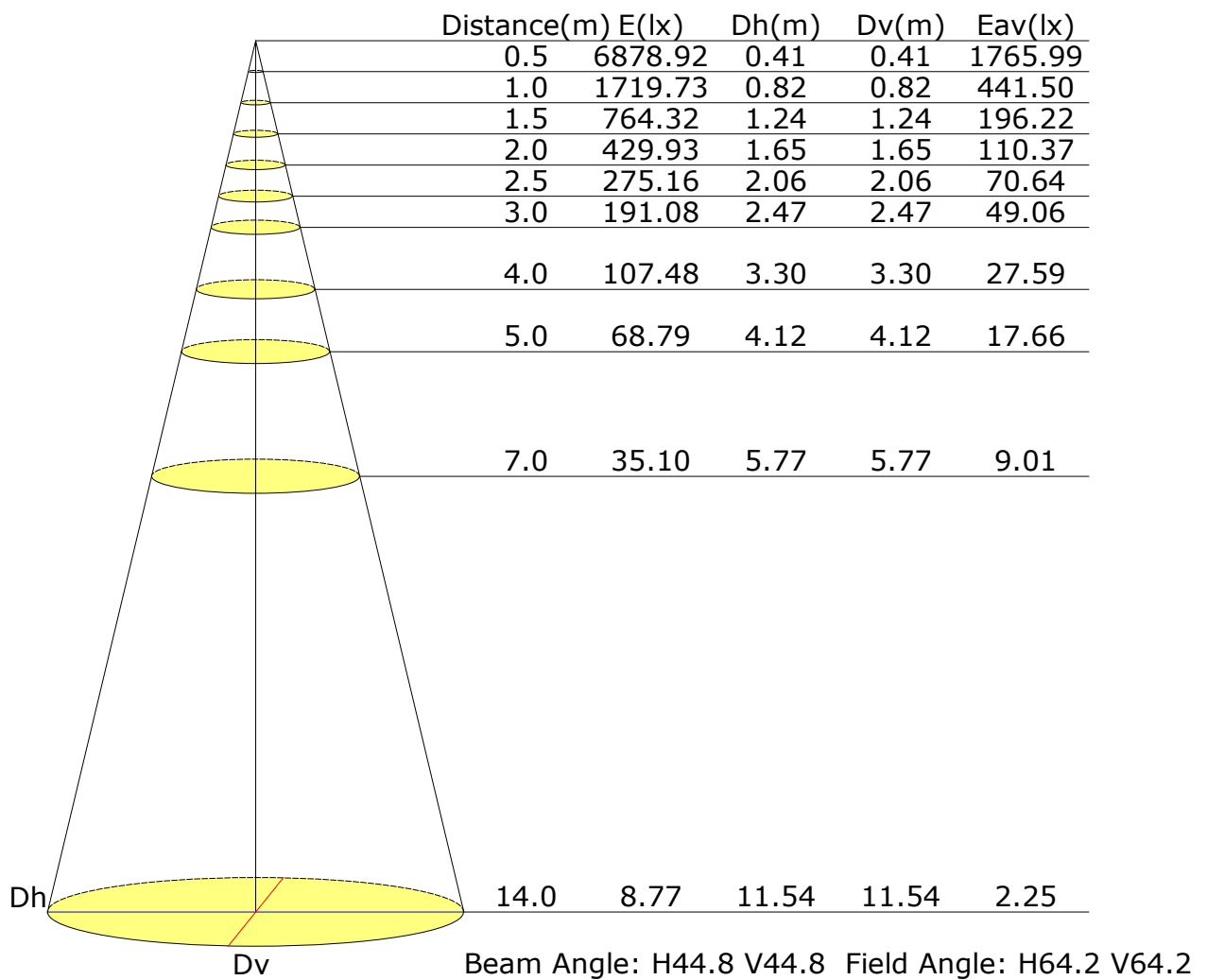
Test Device: CHL-6E

Distance: 3.000 m

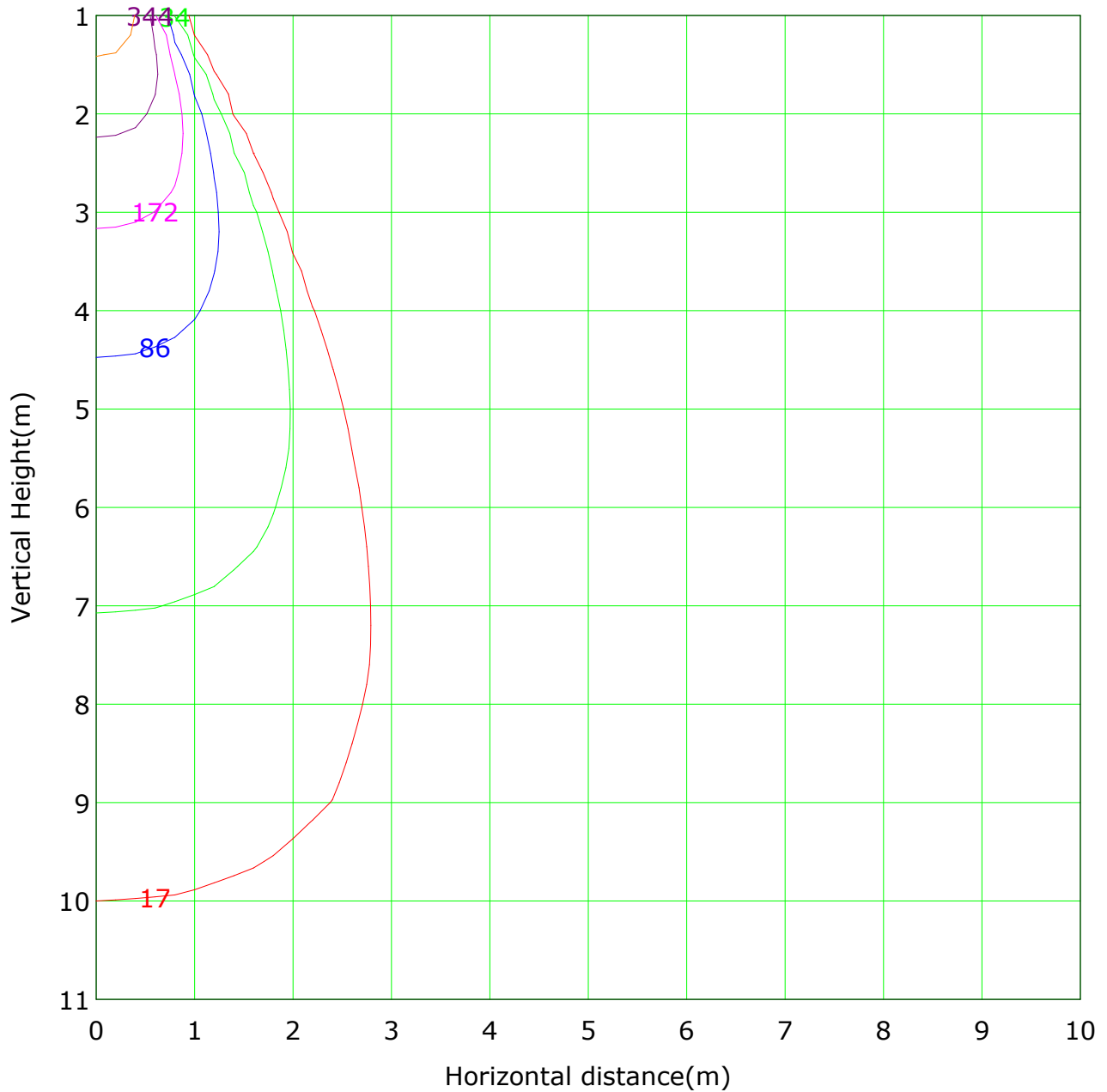
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1m Highest(m): 11 Max Lux: 1720

| | |
|-----------------|----------------|
| (1%): 17 lx | (2%): 34 lx |
| (5%): 86 lx | (10%): 172 lx |
| (20%): 344 lx | (50%): 860 lx |
| (100%): 1720 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

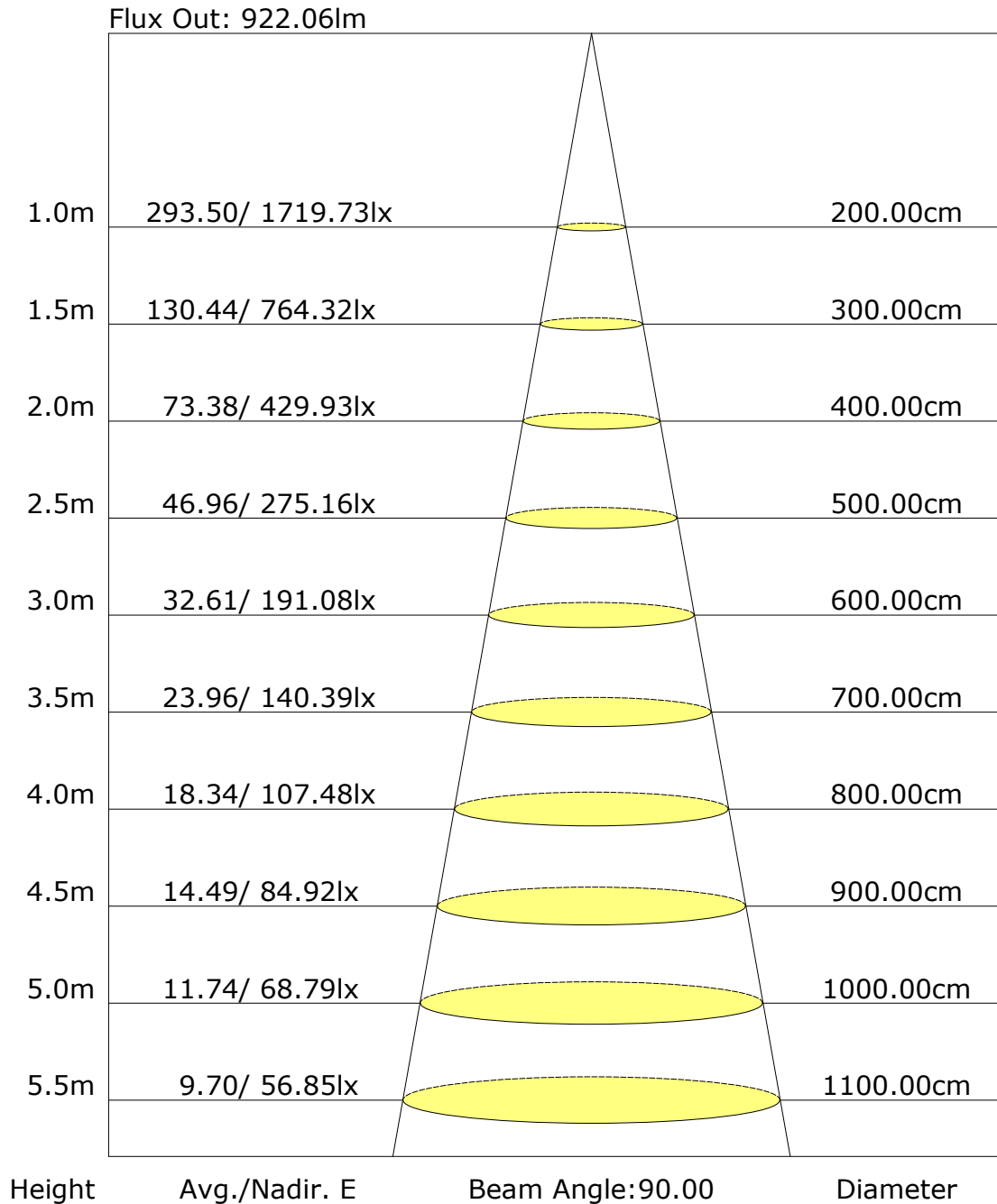
Test Device: CHL-6E

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:

[illegible]

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: