

Report No.: 32.09013 EMMA Track Light

Test Time: 2023-09-09 15:43

Luminaire Property

Luminaire Category: Bridgelux V13C 3000K CRI90

Voltage: 222.3 V

Current: 0.170 A

Power: 36.30 W

Power Factor: 0.959

Photometric Results

CIE Class: Direct

Measurement Flux: 4509.2 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H30.3

Vertical Diffuse Angle(50%): V30.3

Luminaire Efficacy Rating (LER): 124

Max. Intensity: 15927.71 cd

Total Rated Lamp Lumens: 4509.2 lm

Efficiency: 100%

Upward Ratio: 0%

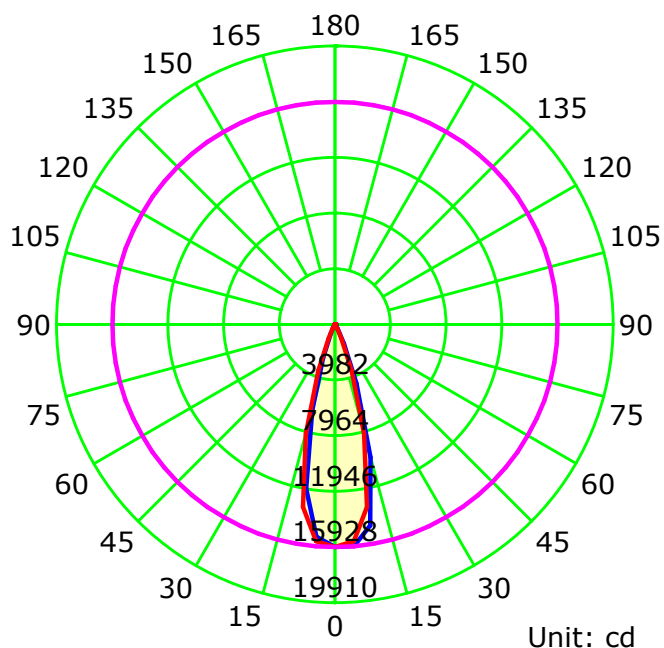
Central Intensity: 15927.71 cd

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

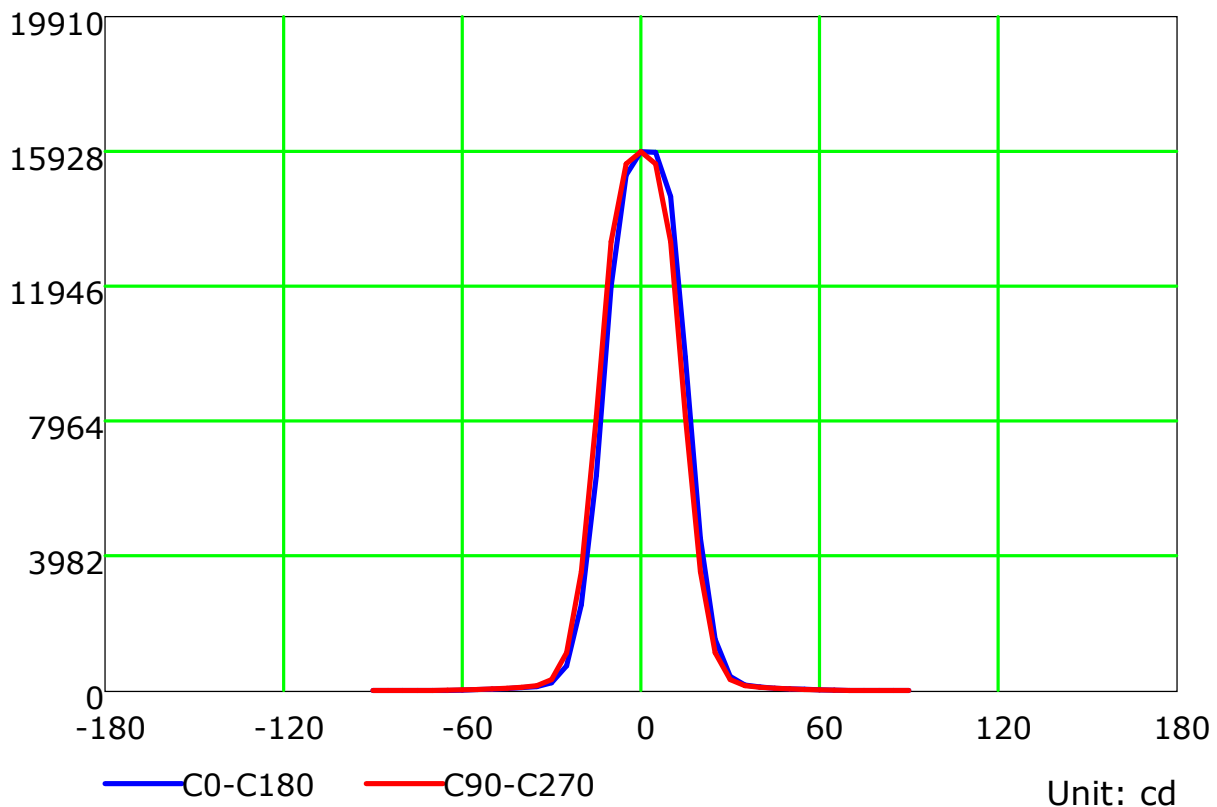
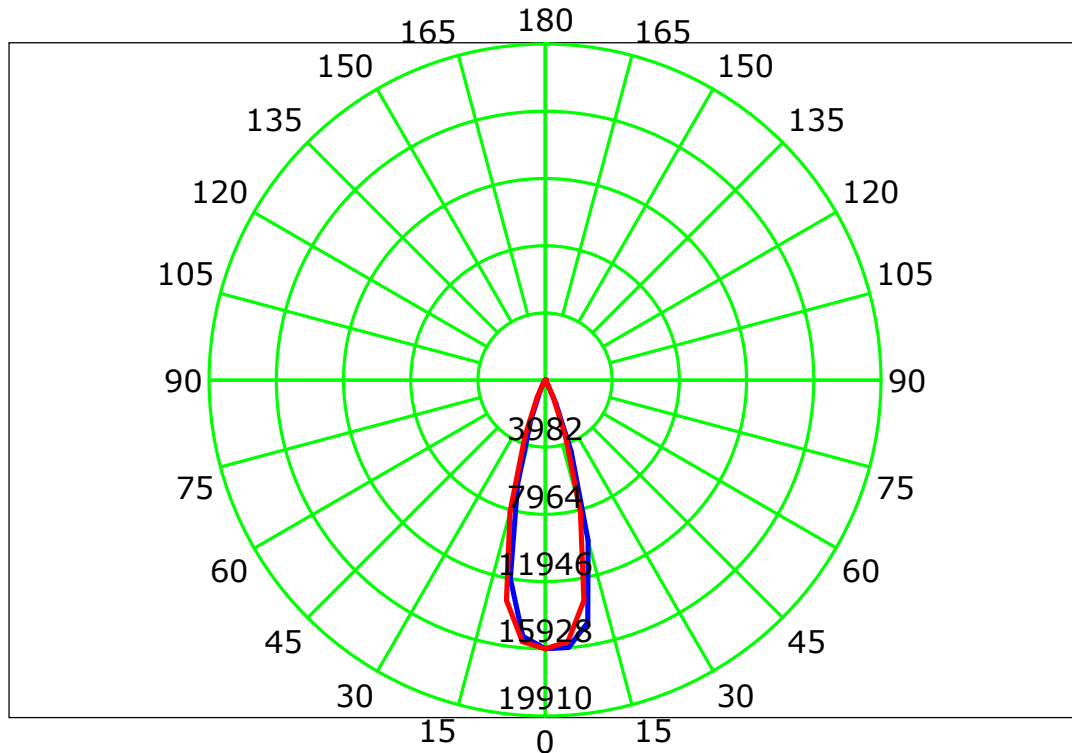
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

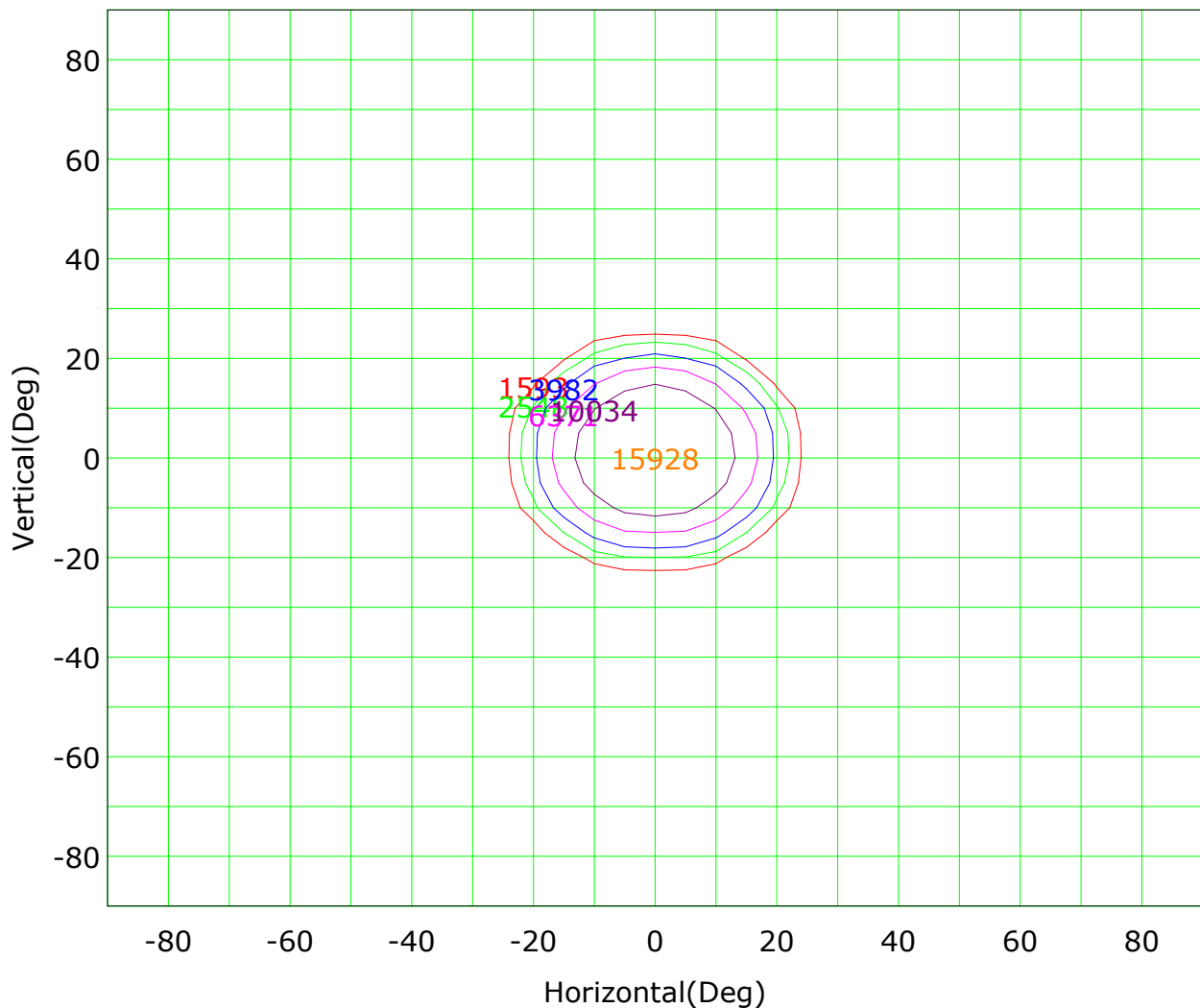
Luminous Intensity Distribution Curve



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%): 15928 cd

(10%): 1593 cd	(16%): 2548 cd
(25%): 3982 cd	(40%): 6371 cd
(63%): 10034 cd	(100%): 15928 cd

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

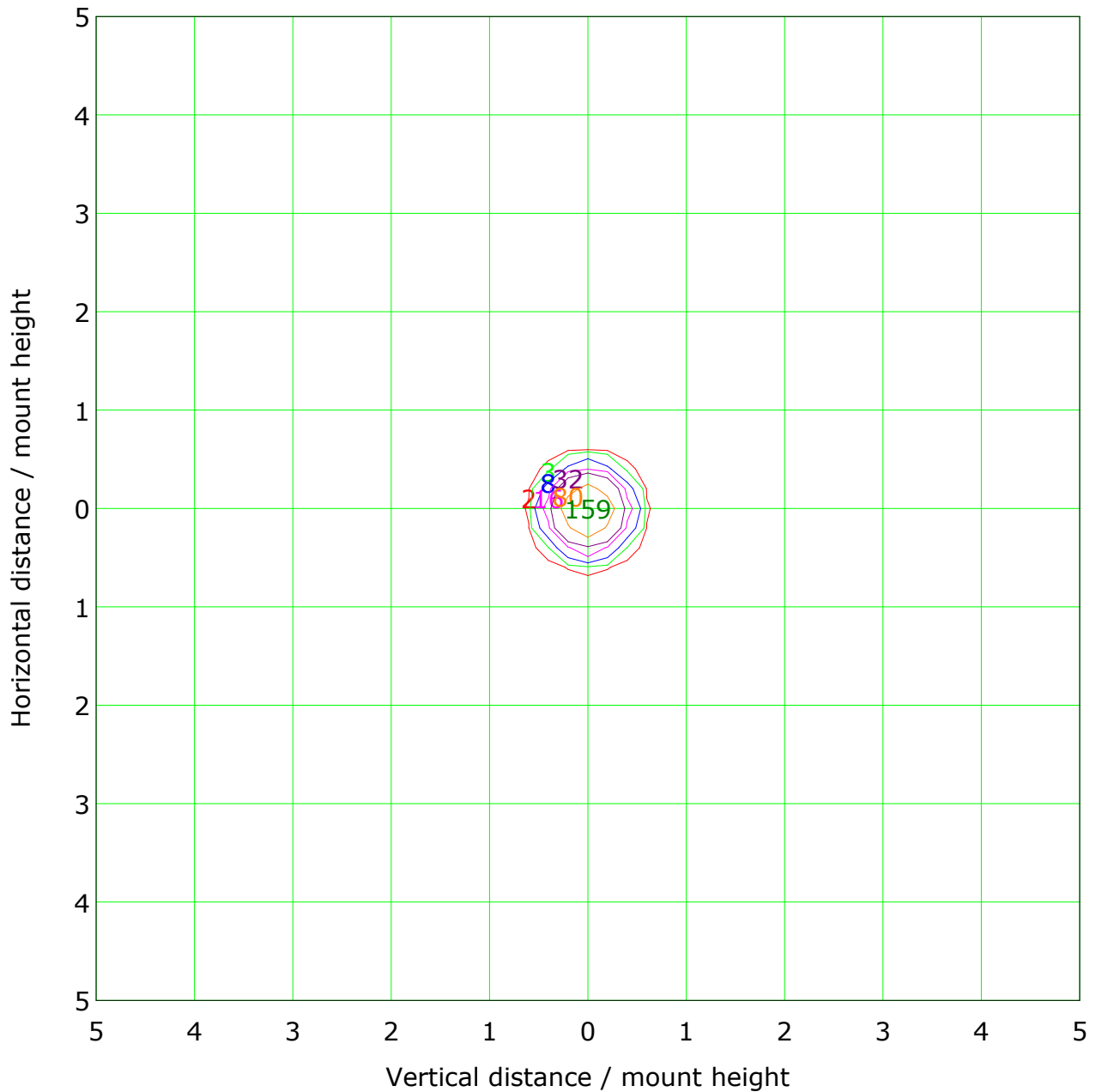
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

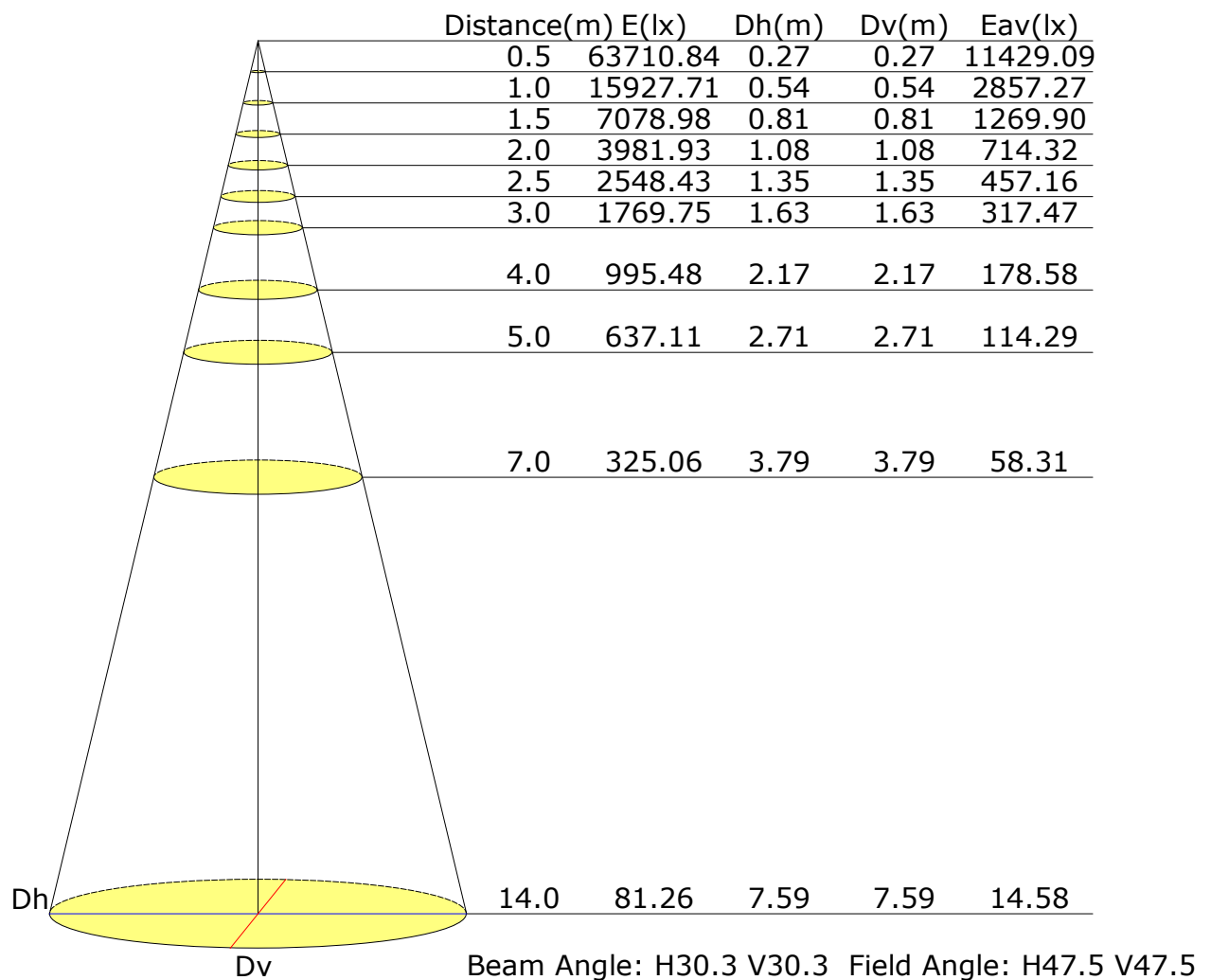
Test Device: CHL-6E

Distance: 3.000 m

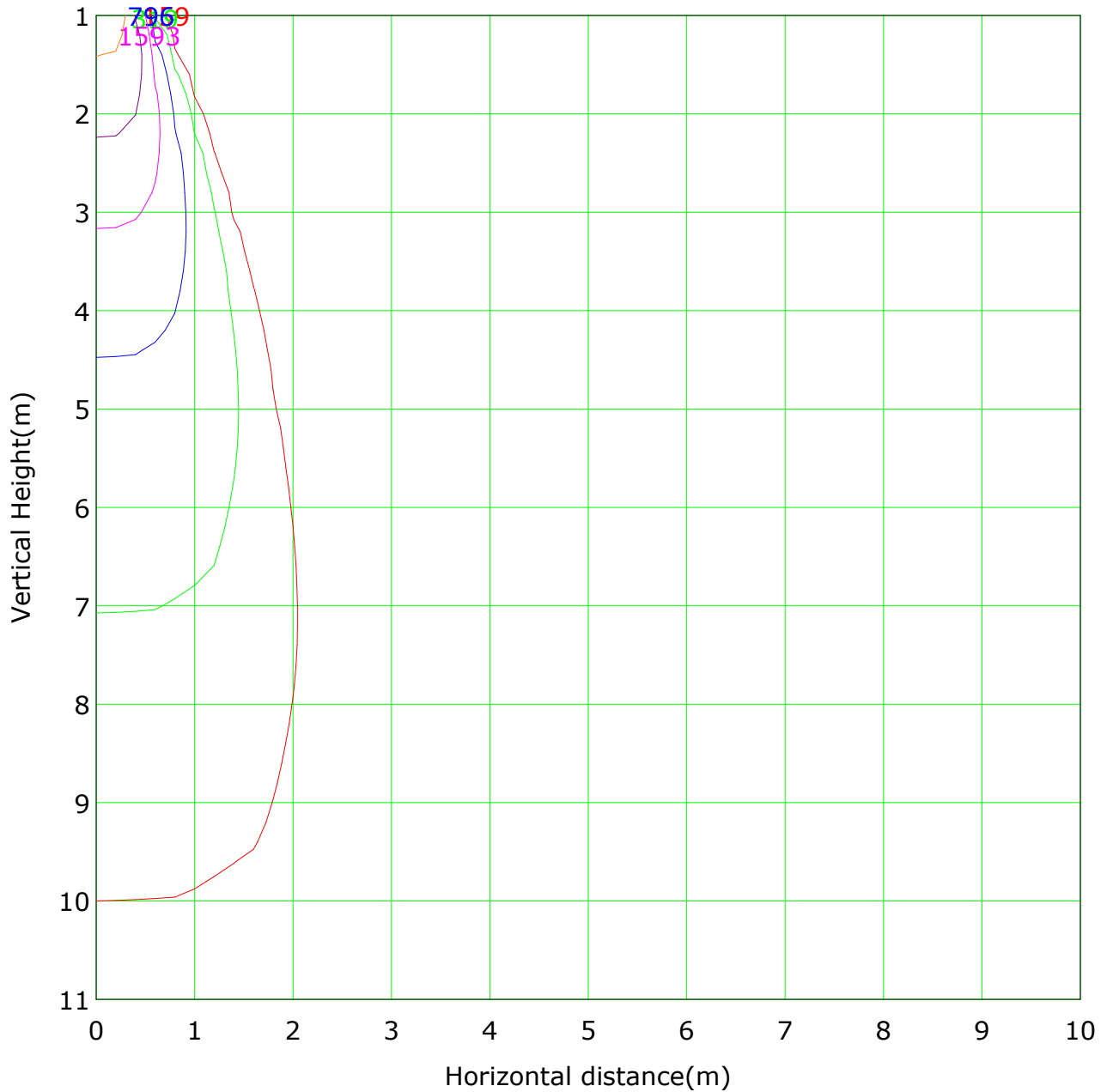
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



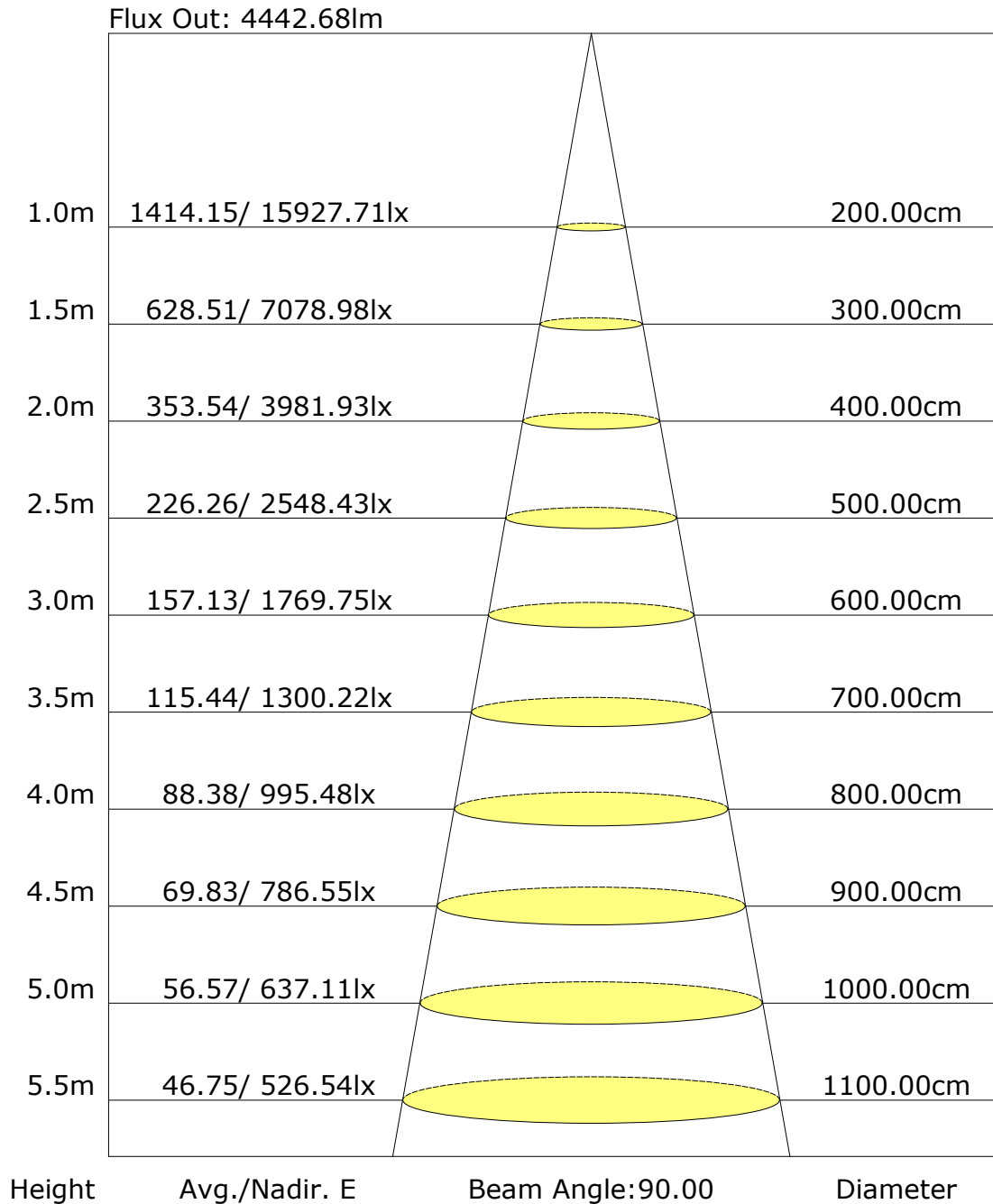
Lowest(m): 1m Highest(m): 11 Max Lux: 15928

(1%): 159 lx	(2%): 319 lx
(5%): 796 lx	(10%): 1593 lx
(20%): 3186 lx	(50%): 7964 lx
(100%): 15928 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: