

Report No.: 62.05520 FOS Tracklight

Test Time: 2023-09-19 16:14

Luminaire Property

Luminaire Category: Bridgelux V10A F90 3000K CRI90

Voltage: 216.7 V

Current: 0.114 A

Power: 24.30 W

Power Factor: 0.977

Photometric Results

CIE Class: Direct

Measurement Flux: 2464 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H20.5

Vertical Diffuse Angle(50%): V20.5

Luminaire Efficacy Rating (LER): 101

Max. Intensity: 14280.55 cd

Total Rated Lamp Lumens: 2464.0 lm

Efficiency: 100%

Upward Ratio: 0%

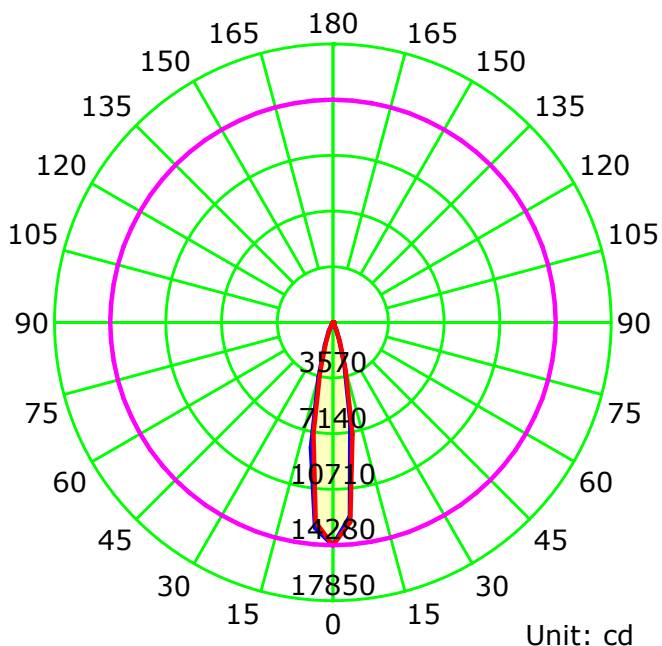
Central Intensity: 14280.54 cd

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

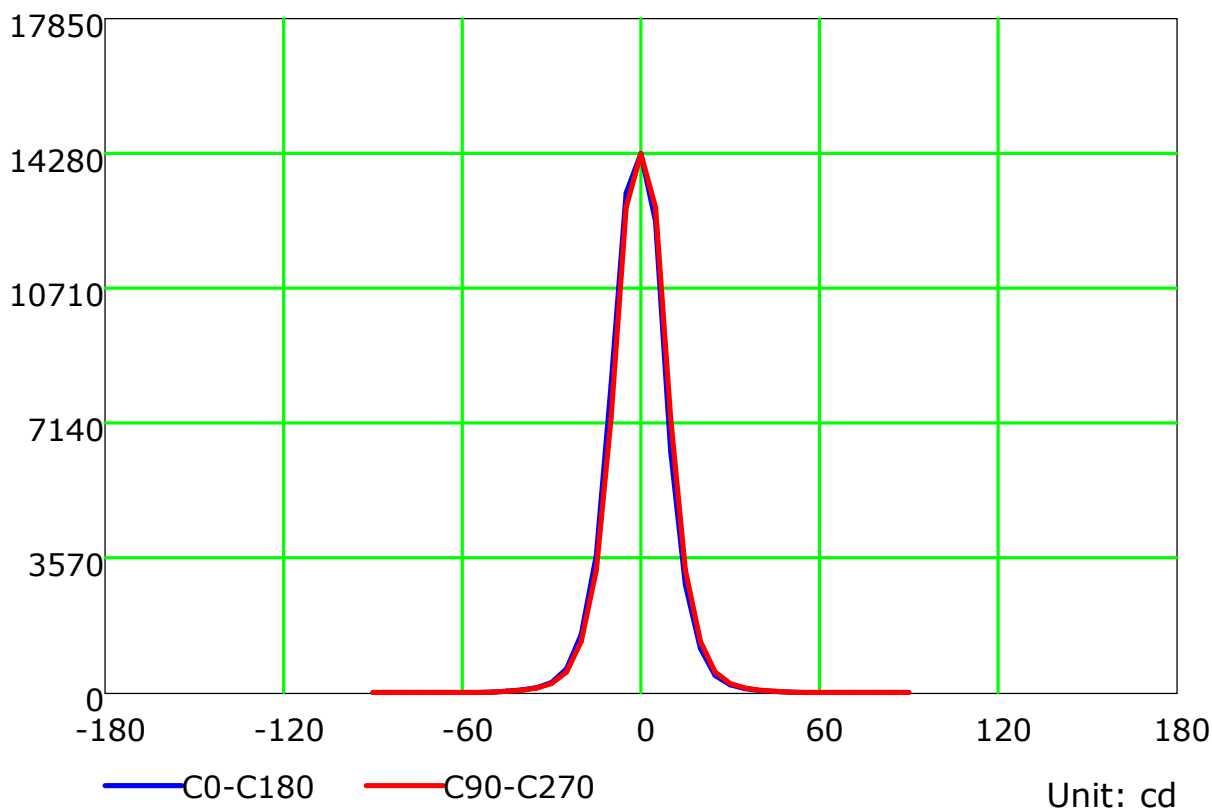
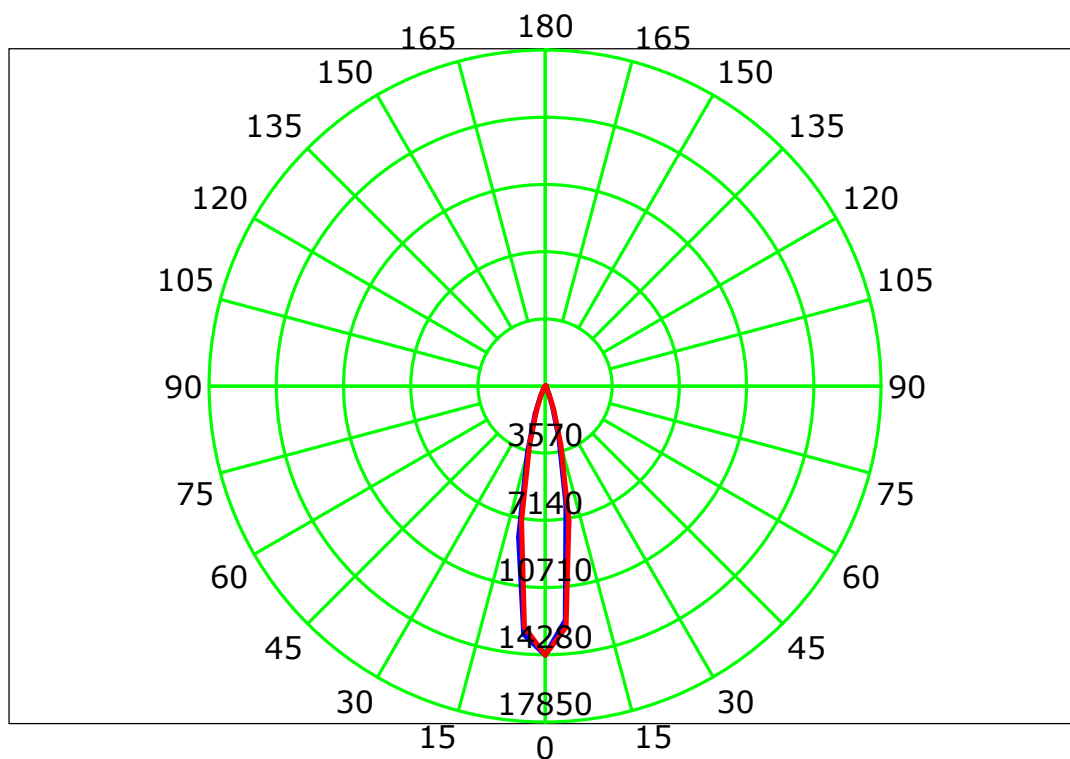
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

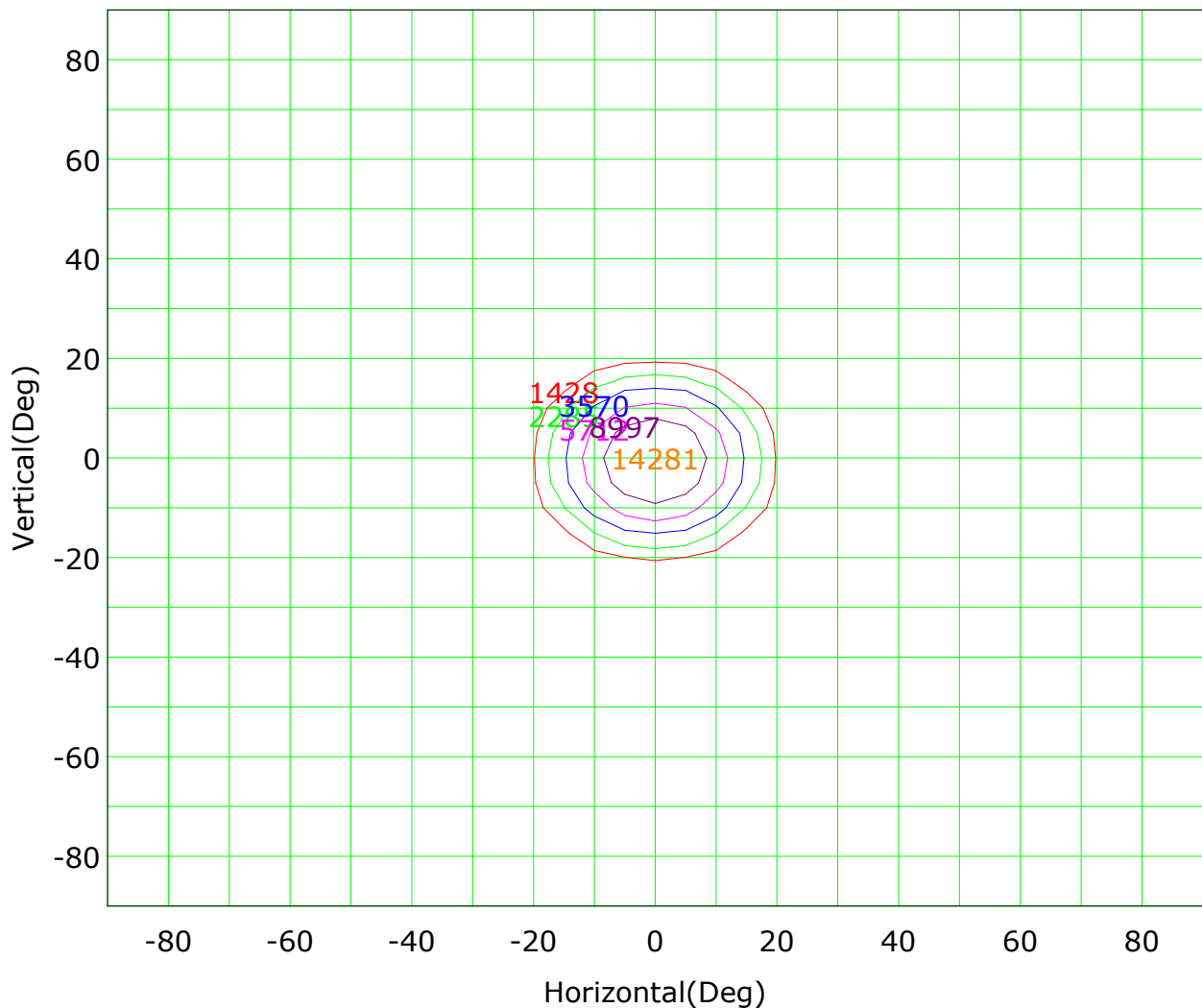
Luminous Intensity Distribution Curve



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%): 14281 cd

(10%): 1428 cd	(16%): 2285 cd
(25%): 3570 cd	(40%): 5712 cd
(63%): 8997 cd	(100%): 14281 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

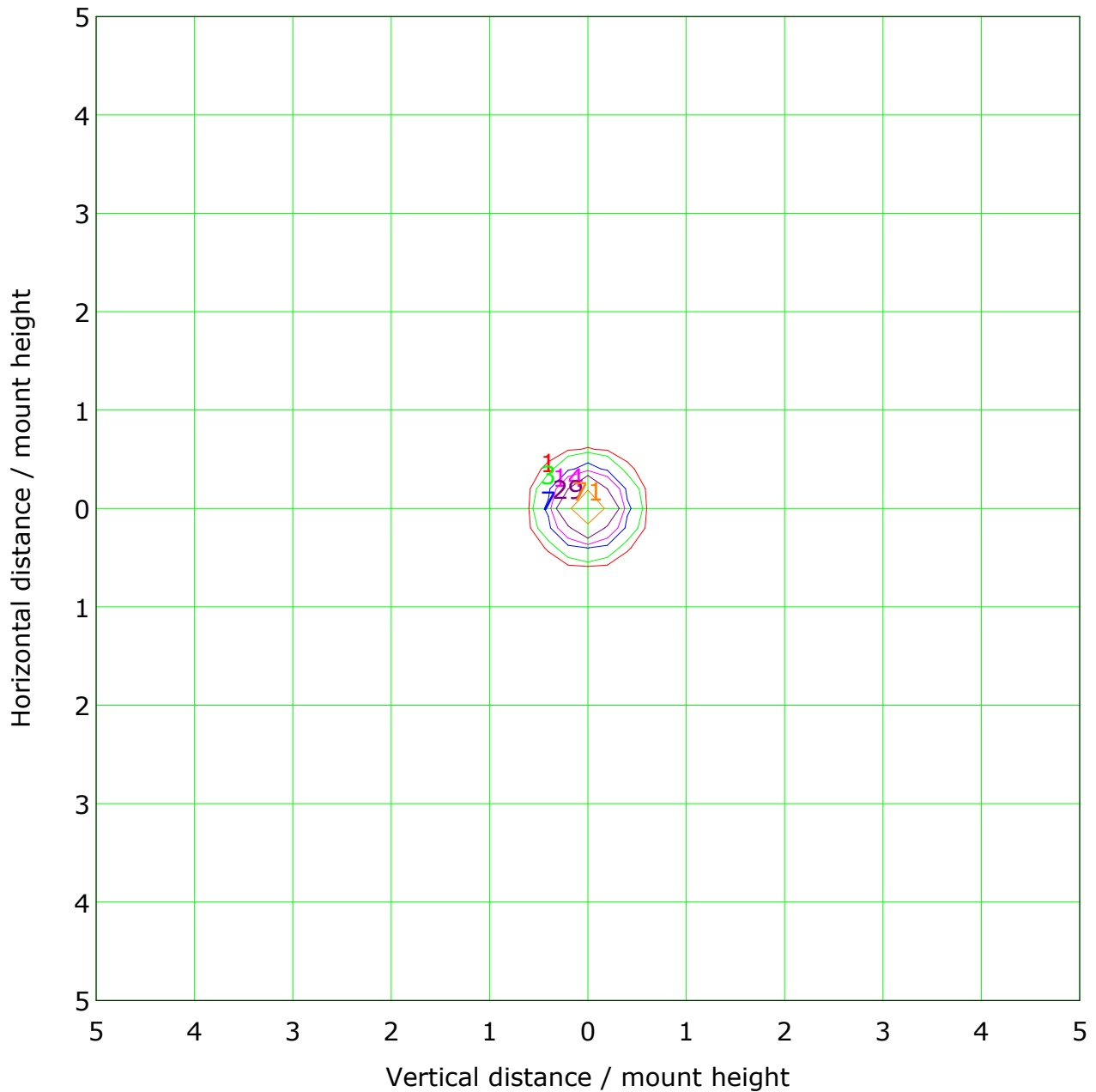
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

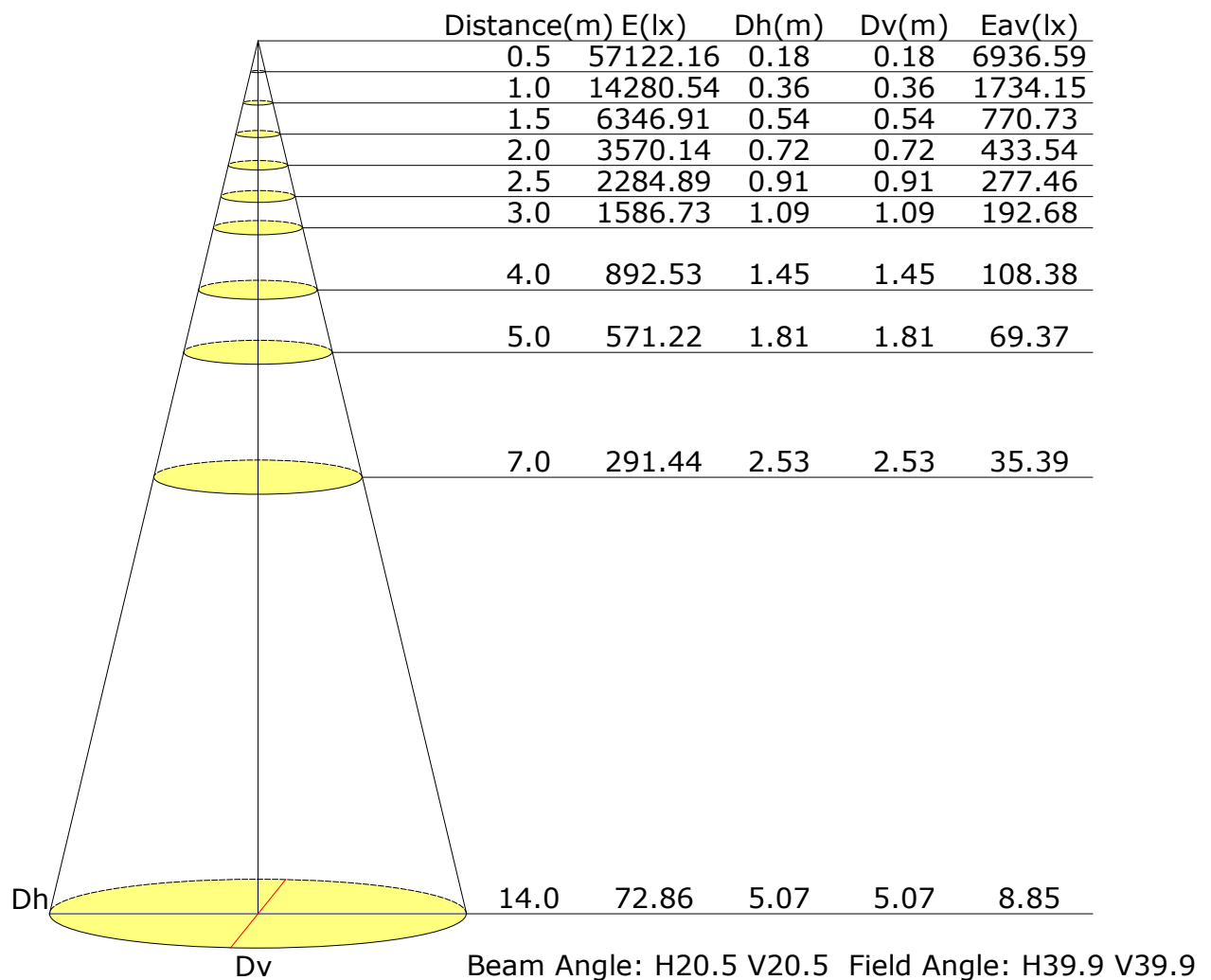


Mounting Height: 10m		Max Lux(100%): 143 lx	
(1%):	1 lx	(2%):	3 lx
(5%):	7 lx	(10%):	14 lx
(20%):	29 lx	(50%):	71 lx
(100%):	143 lx		

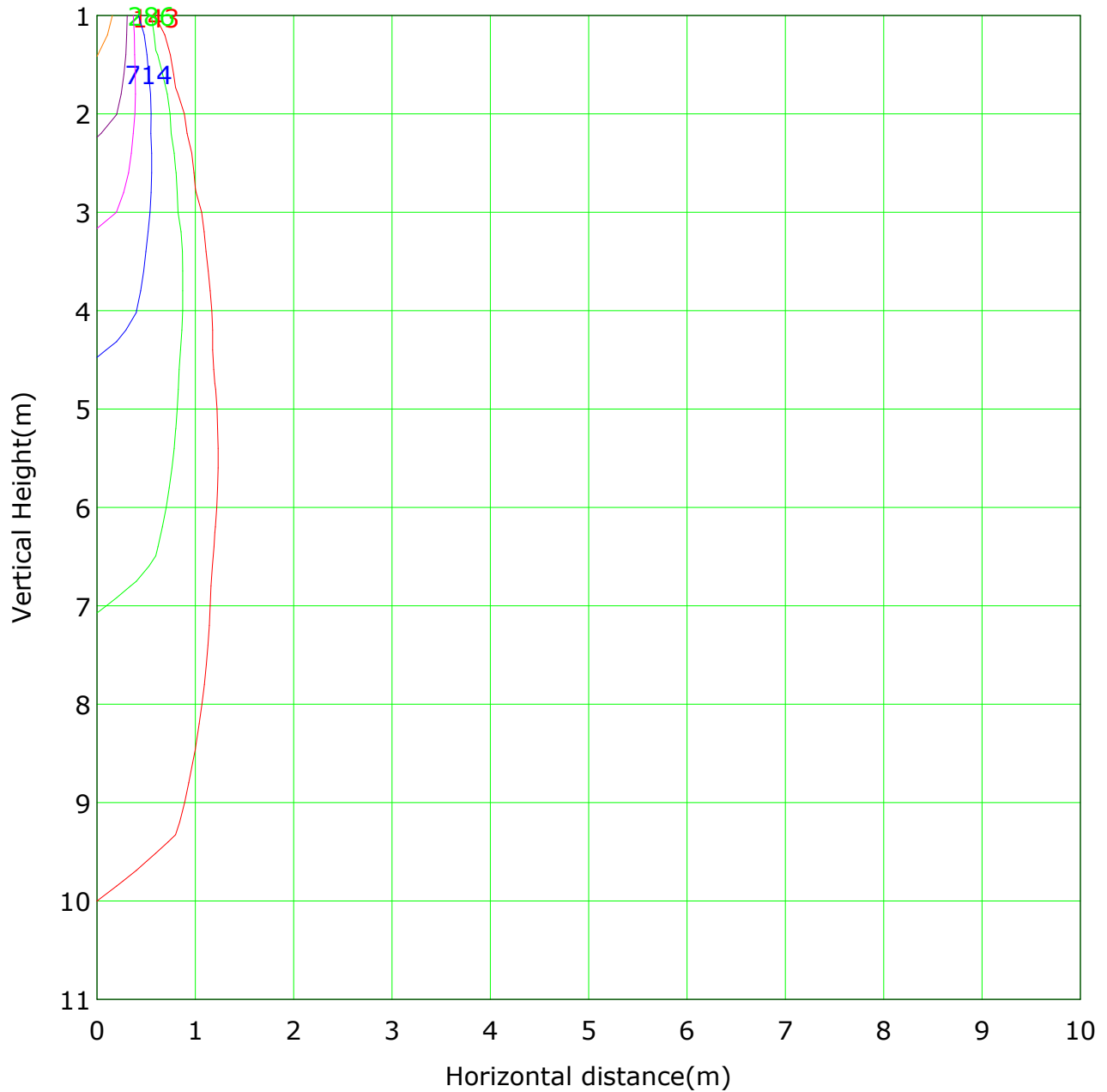
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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: 14281
— (1%): 143 lx — (2%): 286 lx
— (5%): 714 lx — (10%): 1428 lx
— (20%): 2856 lx — (50%): 7140 lx
— (100%): 14281 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

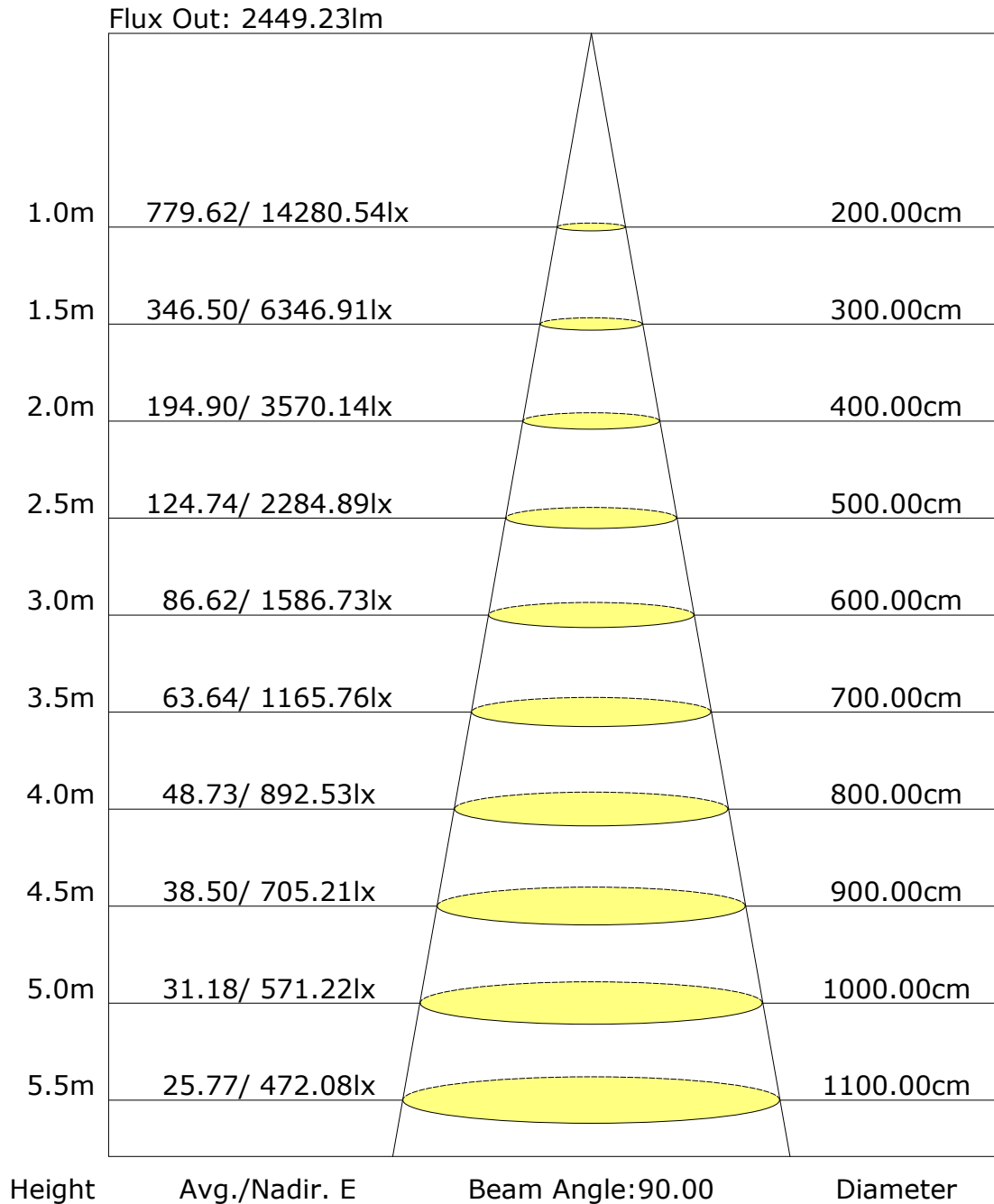
Test Device: CHL-6E

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: