

Report No.: 93.10511 RECO Surface Light Test Time: 2023-10-12 18:33

Luminaire Property

Luminaire Category: Bridgelux V6 3000K CRI90

Voltage: 225.2 V

Current: 0.100 A

Power: 19.60 W

Power Factor: 0.871

Photometric Results

CIE Class: Direct

Measurement Flux: 2154.2 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H21.6

Vertical Diffuse Angle(50%): V21.6

Luminaire Efficacy Rating (LER): 110

Max. Intensity: 11617.31 cd

Total Rated Lamp Lumens: 2154.2 lm

Efficiency: 100%

Upward Ratio: 0%

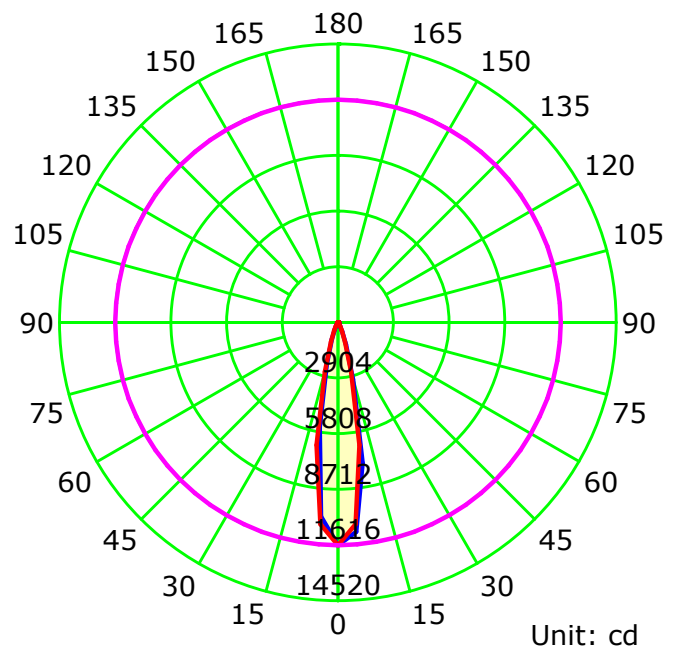
Central Intensity: 11617.31 cd

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

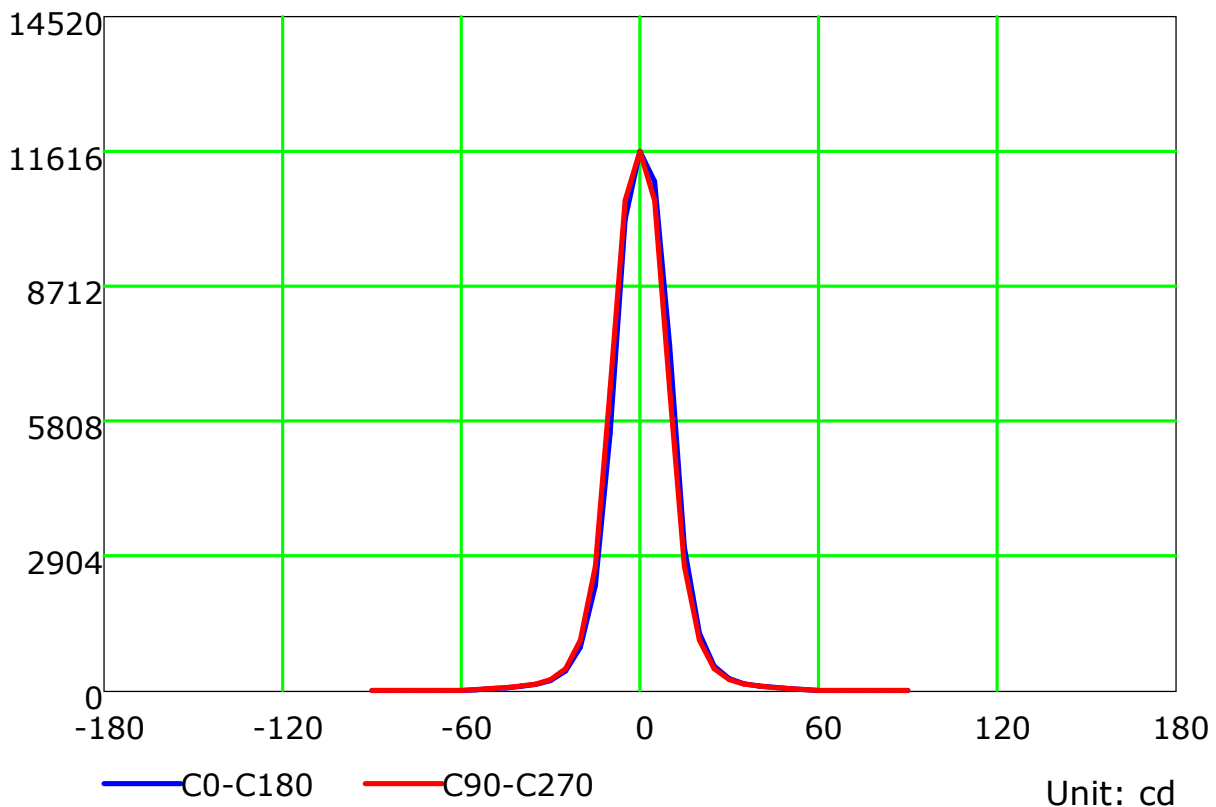
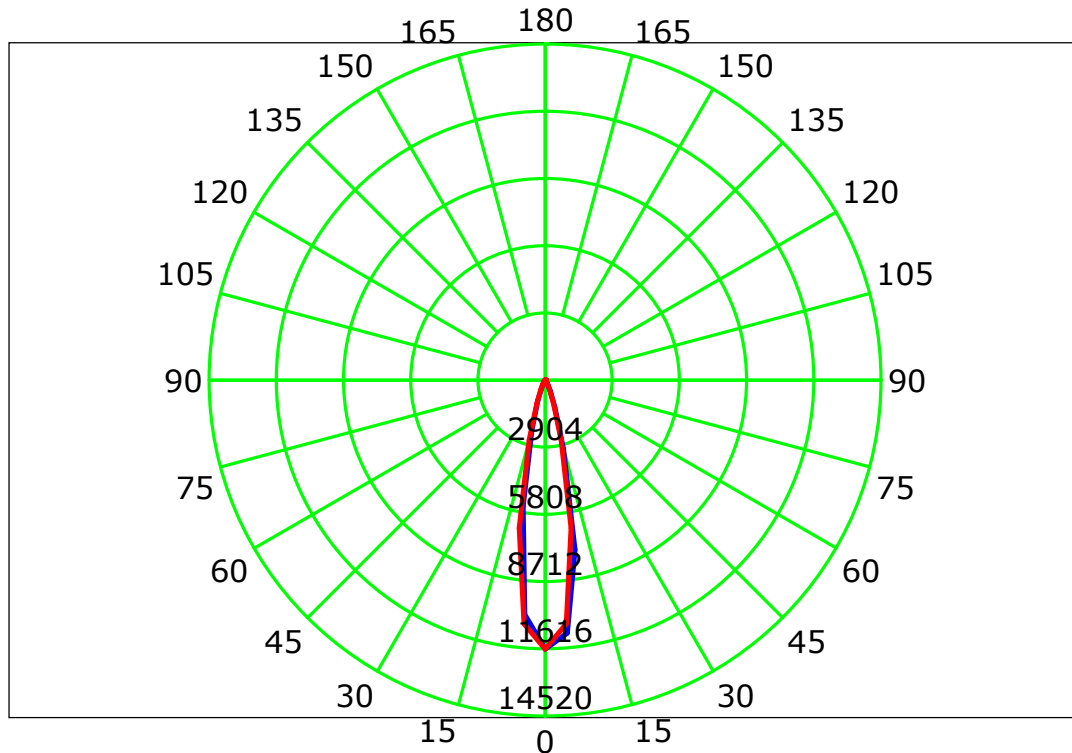
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

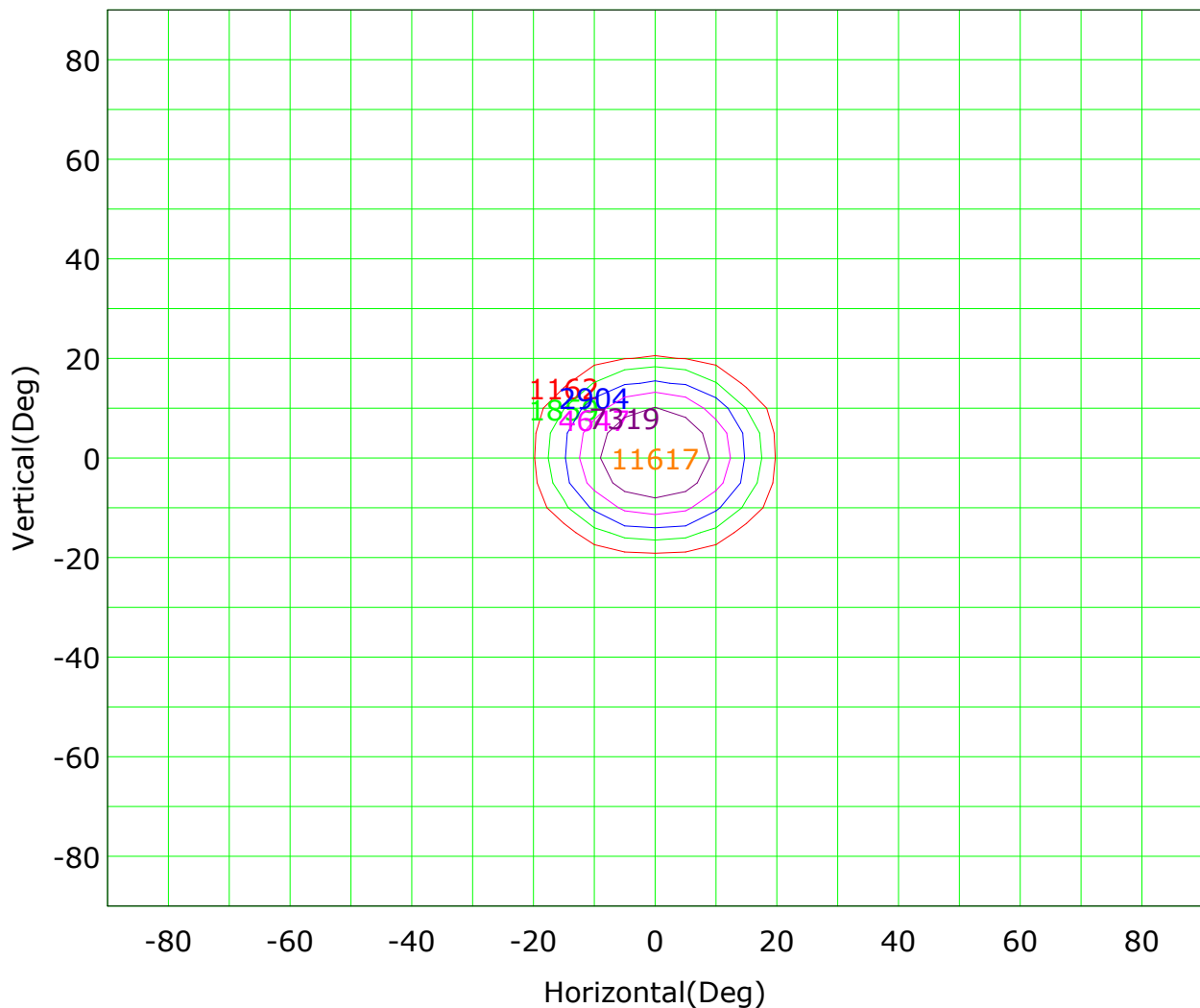
Luminous Intensity Distribution Curve



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%): 11617 cd

(10%): 1162 cd	(16%): 1859 cd
(25%): 2904 cd	(40%): 4647 cd
(63%): 7319 cd	(100%): 11617 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

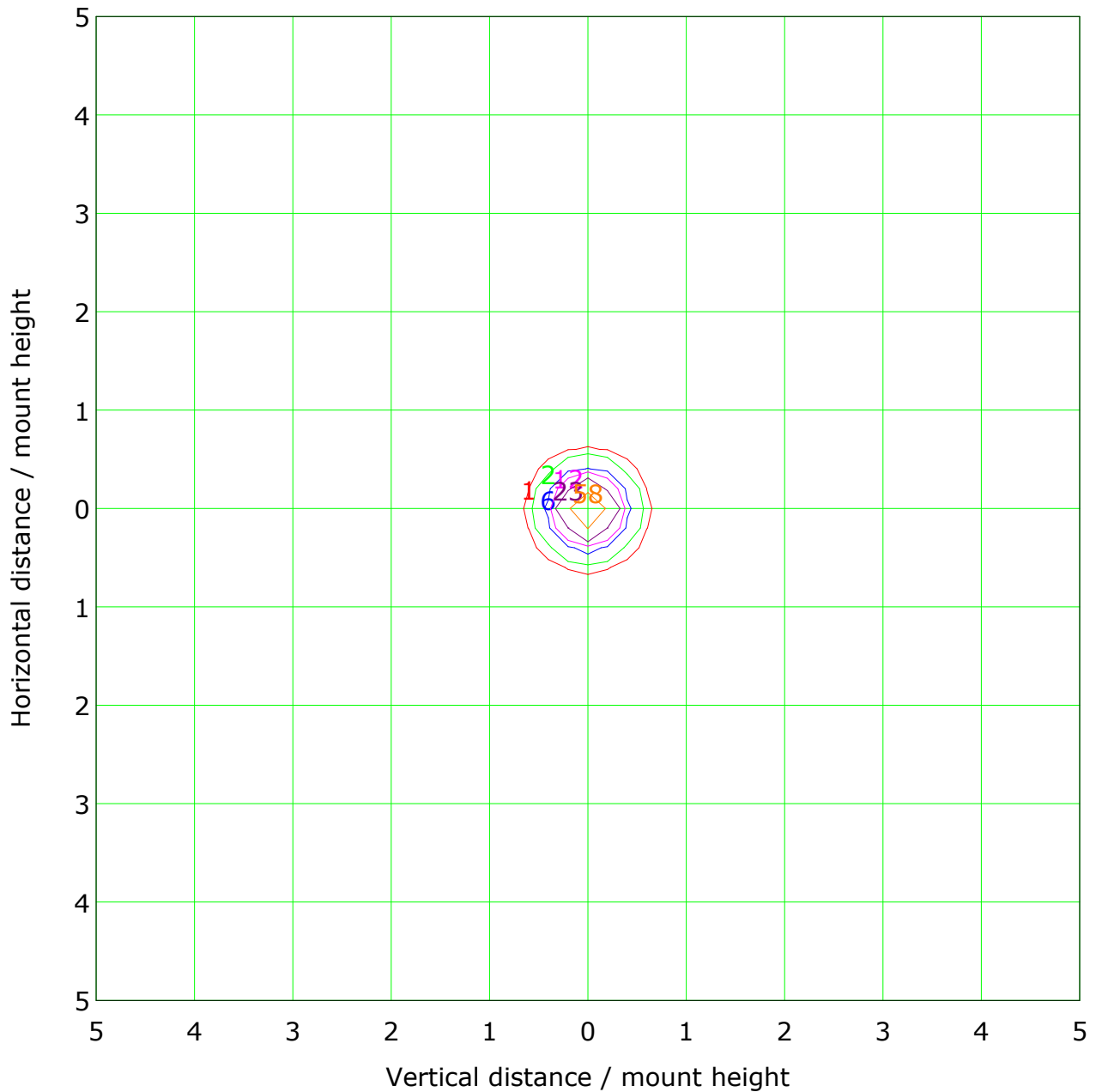
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

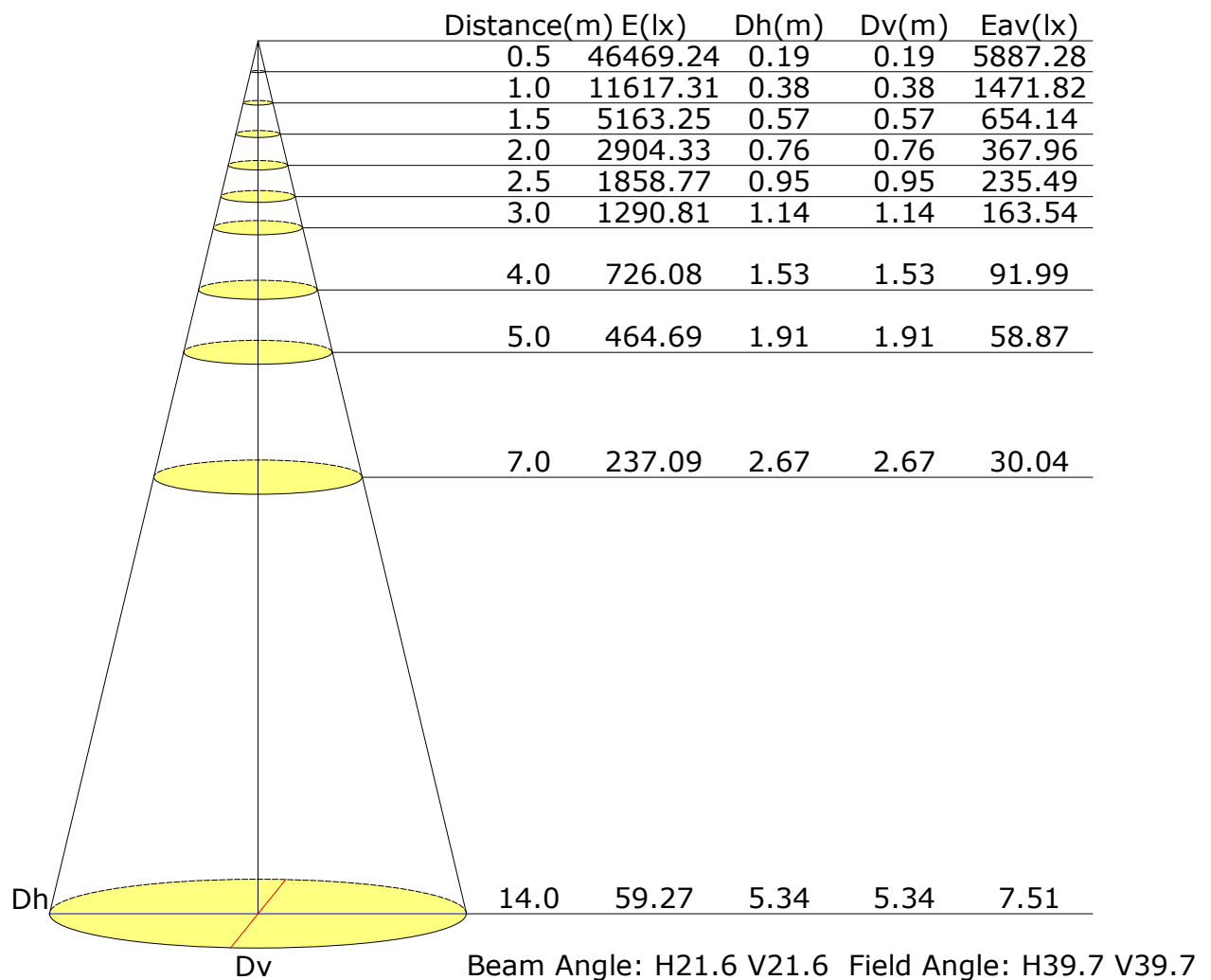


Mounting Height: 10m		Max Lux(100%): 116 lx	
(1%):	1 lx	(2%):	2 lx
(5%):	6 lx	(10%):	12 lx
(20%):	23 lx	(50%):	58 lx
(100%):	116 lx		

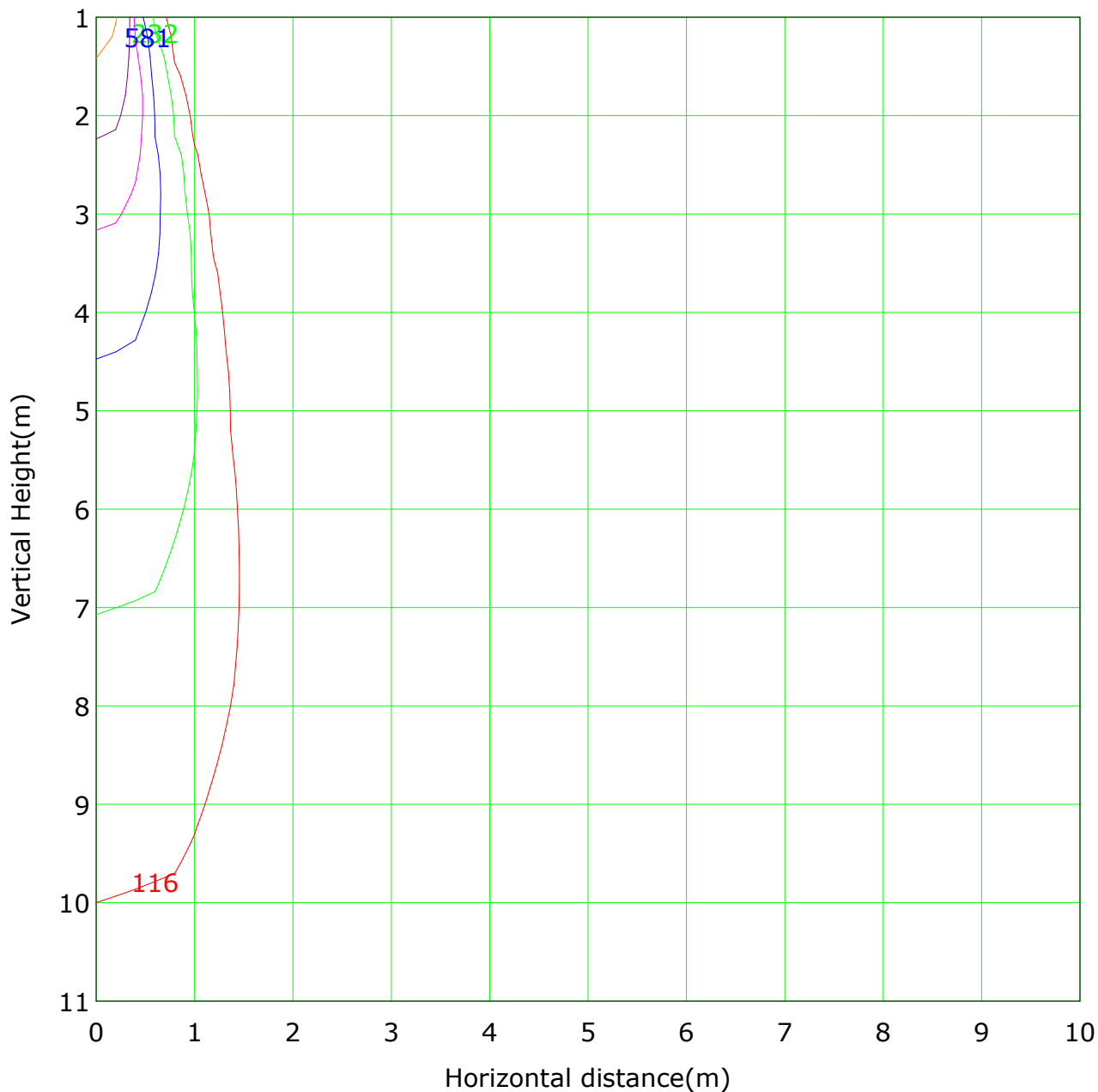
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

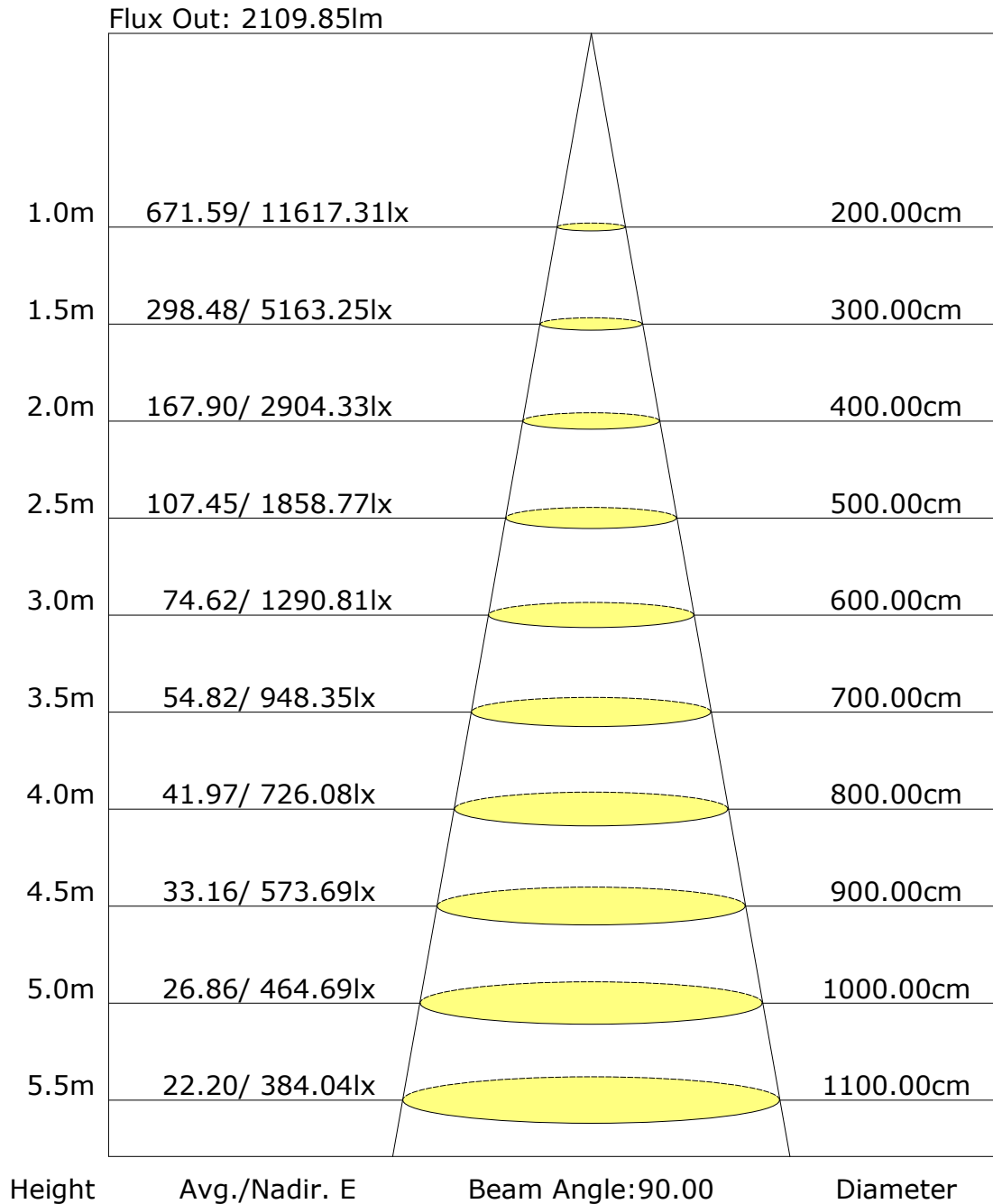


Lowest(m): 1m Highest(m): 11 Max Lux: 11617
— (1%): 116 lx — (2%): 232 lx
— (5%): 581 lx — (10%): 1162 lx
— (20%): 2323 lx — (50%): 5809 lx
— (100%): 11617 lx

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: