

Report No.: AX-SM-PV-10W-060

Test Time: 2023-09-15 13:59

Luminaire Property

Luminaire Category:

Luminaire Description: Bridgelux V4HD 3000Voltage: 226.8 V

Current: 0.056 A

Power: 6.60 W

Power Factor: 0.518

Photometric Results

CIE Class: Direct

Measurement Flux: 437.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H25.4

Vertical Diffuse Angle(50%): V25.4

Luminaire Efficacy Rating (LER): 66

Max. Intensity: 1904.34 cd

Total Rated Lamp Lumens: 437.6 lm

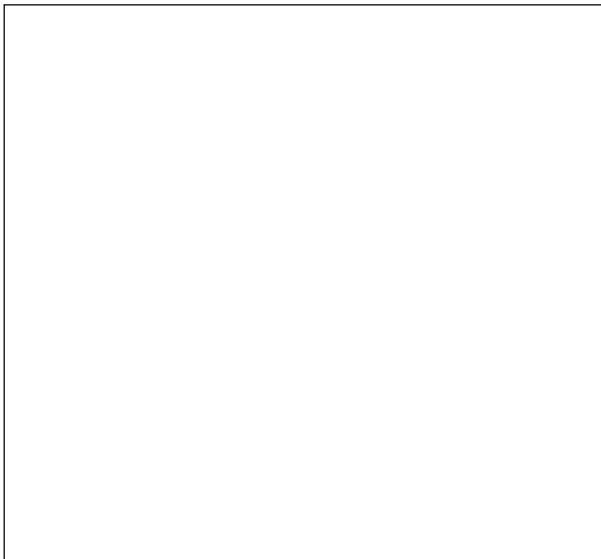
Efficiency: 100%

Upward Ratio: 0%

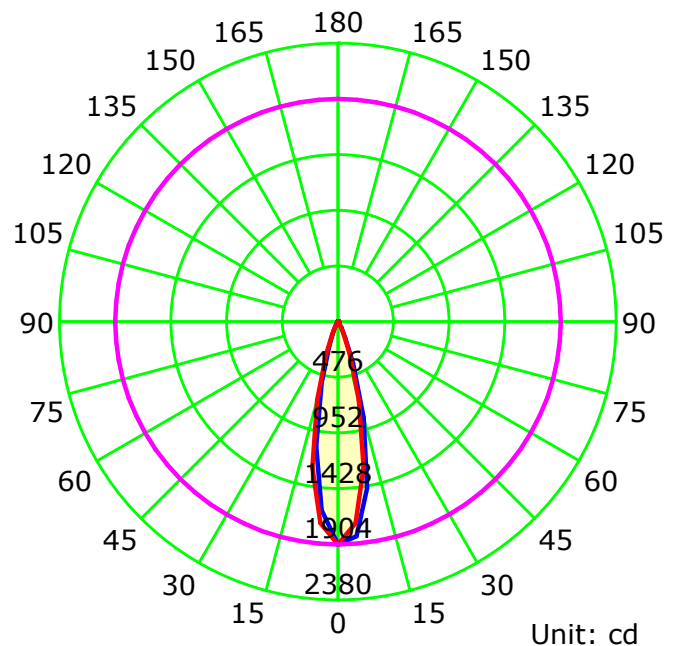
Central Intensity: 1904.34 cd

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

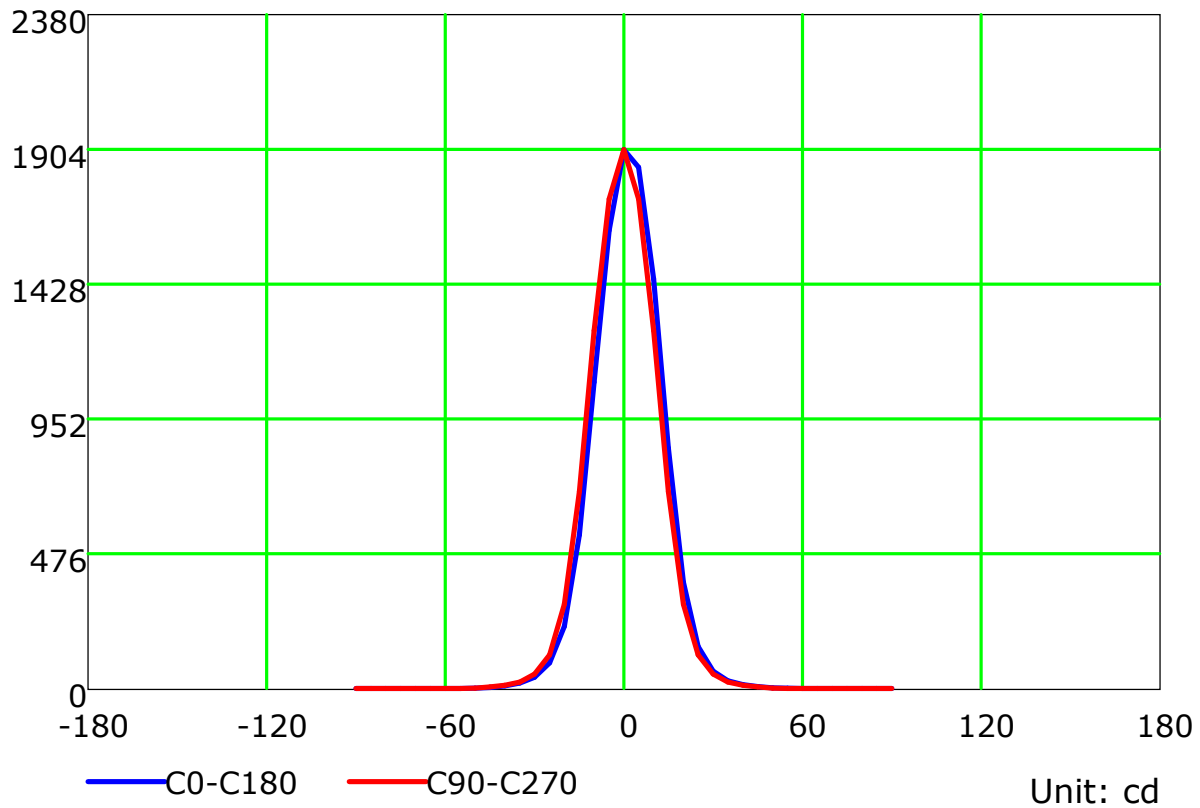
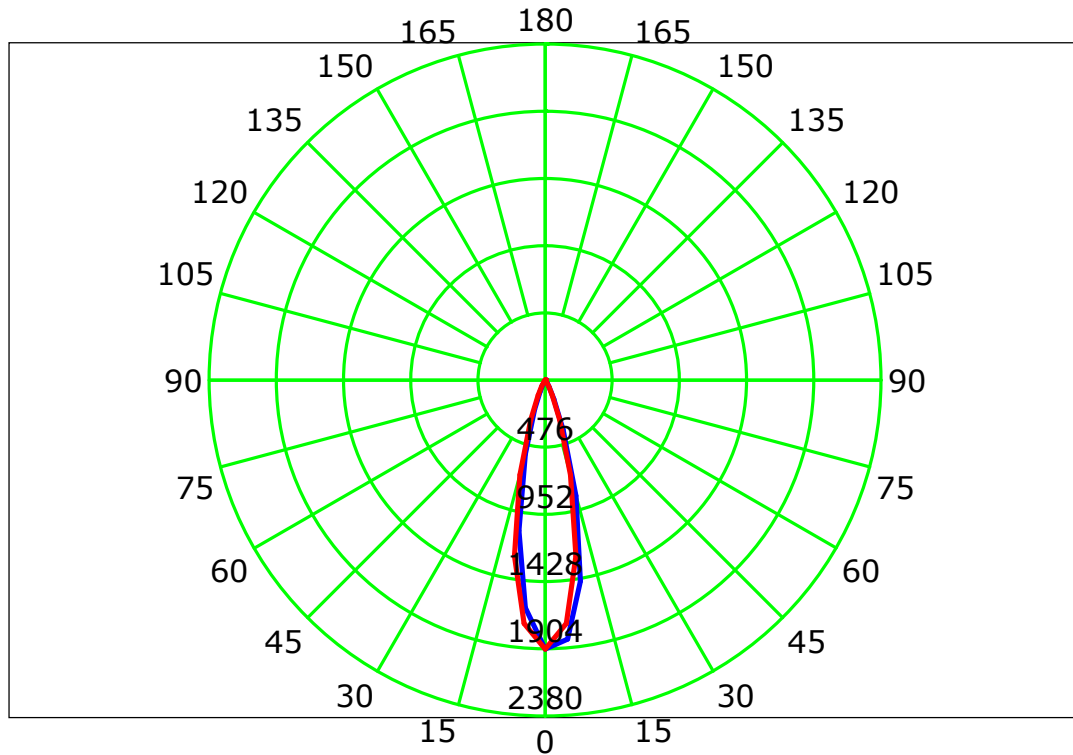
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

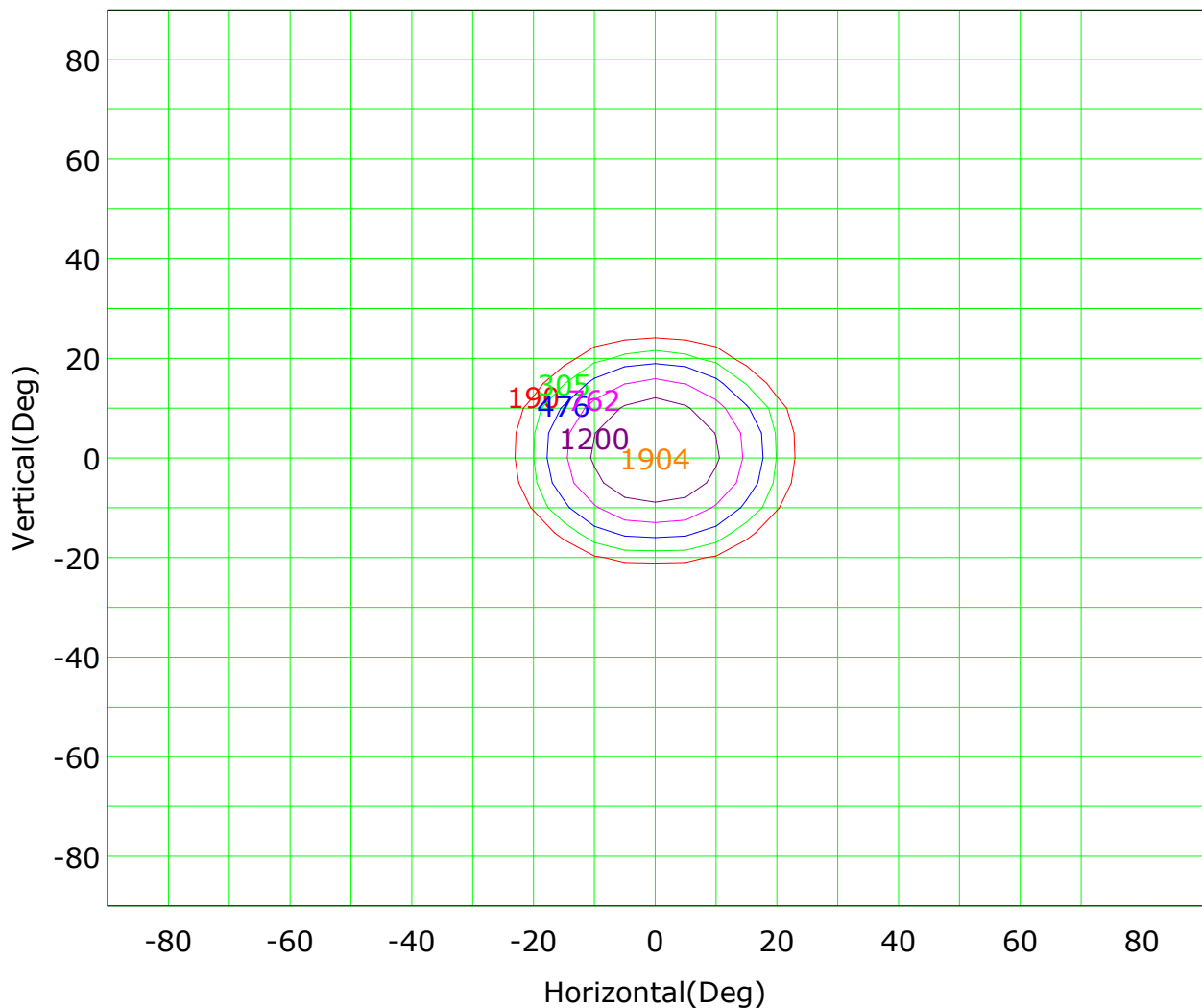
Luminous Intensity Distribution Curve



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%): 1904 cd

(10%): 190 cd	(16%): 305 cd
(25%): 476 cd	(40%): 762 cd
(63%): 1200 cd	(100%): 1904 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

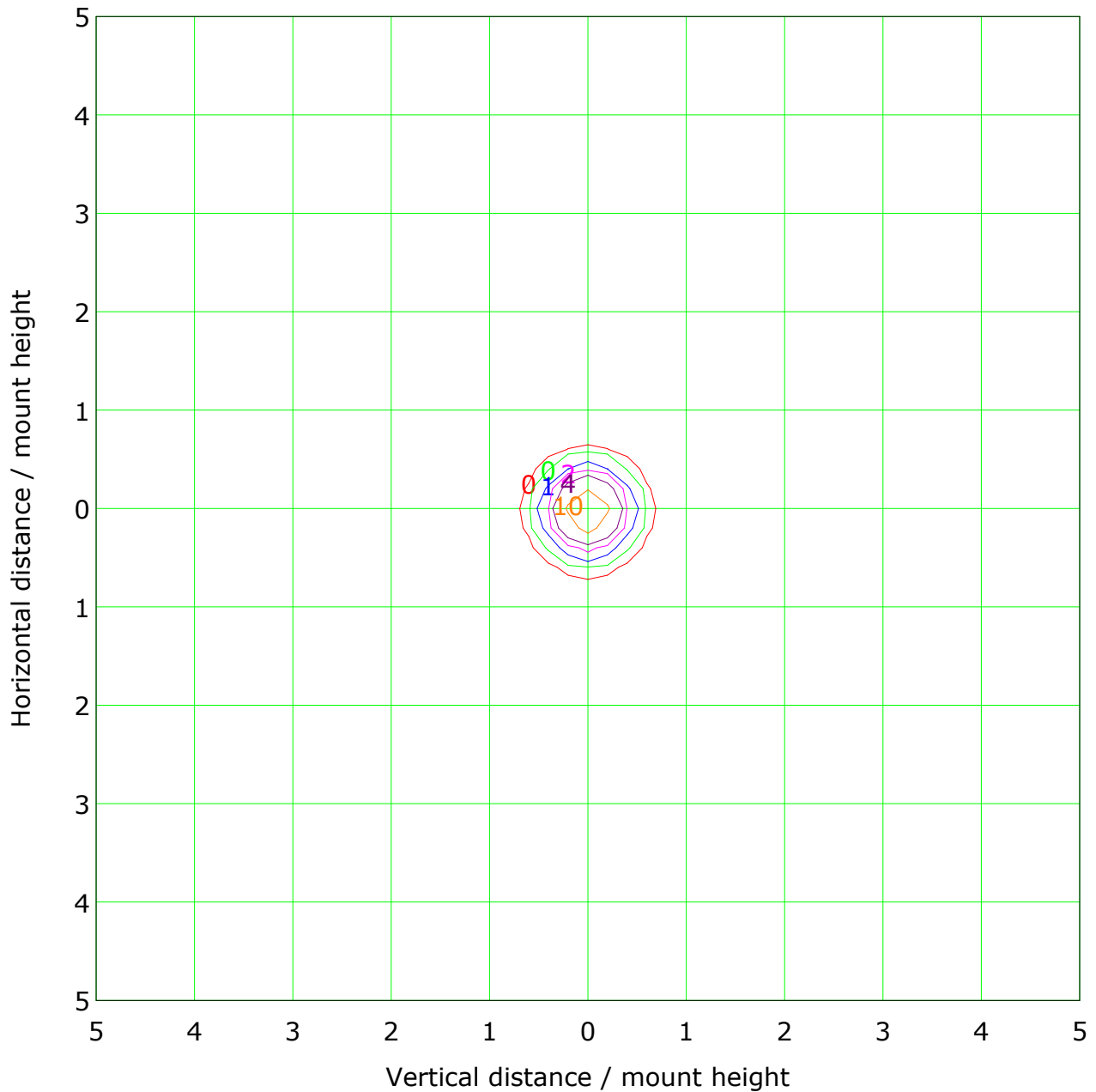
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 19 lx	
(1%):	0 lx	(2%):	0 lx
(5%):	1 lx	(10%):	2 lx
(20%):	4 lx	(50%):	10 lx
(100%):	19 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

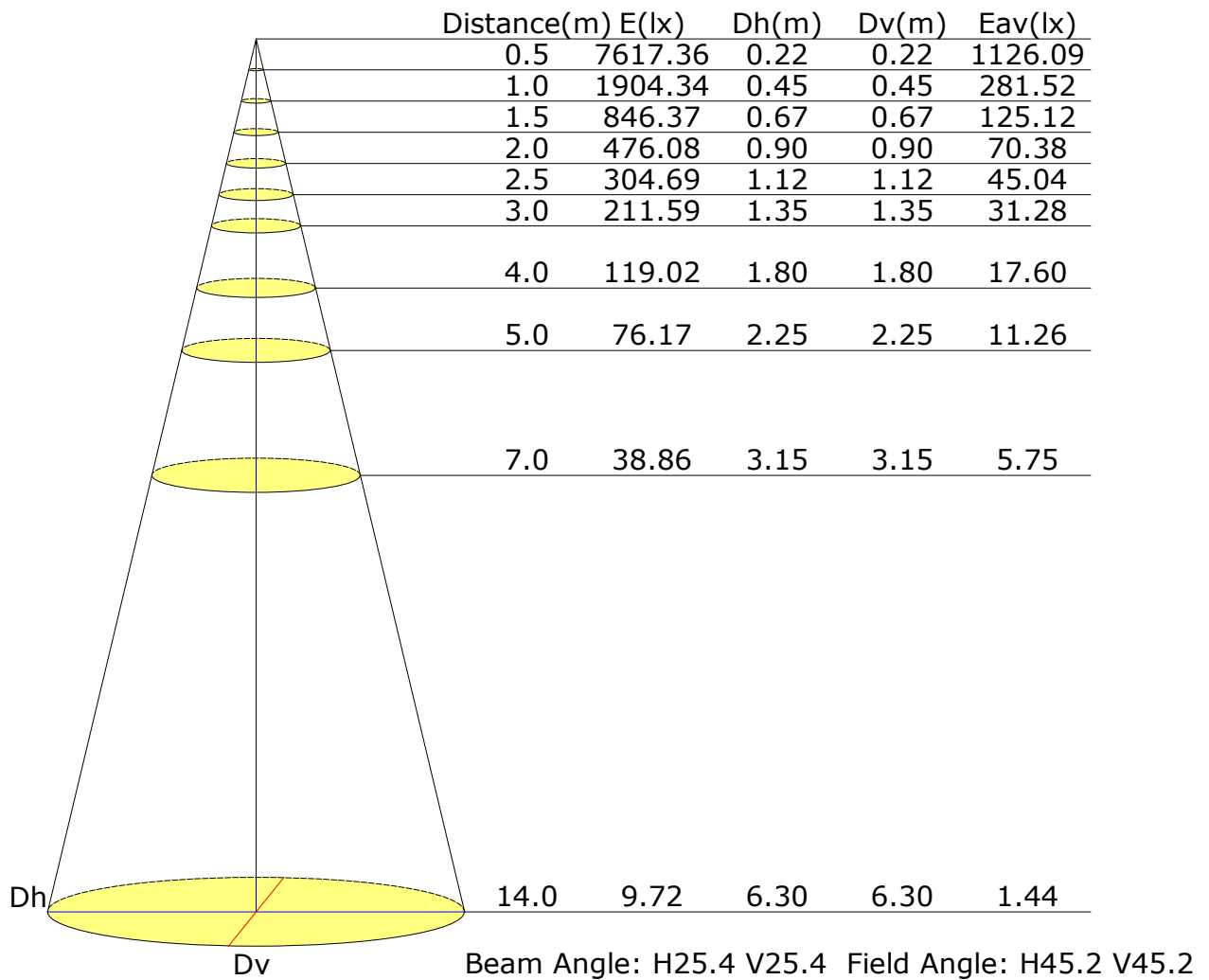
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Illuminance at a Distance



C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

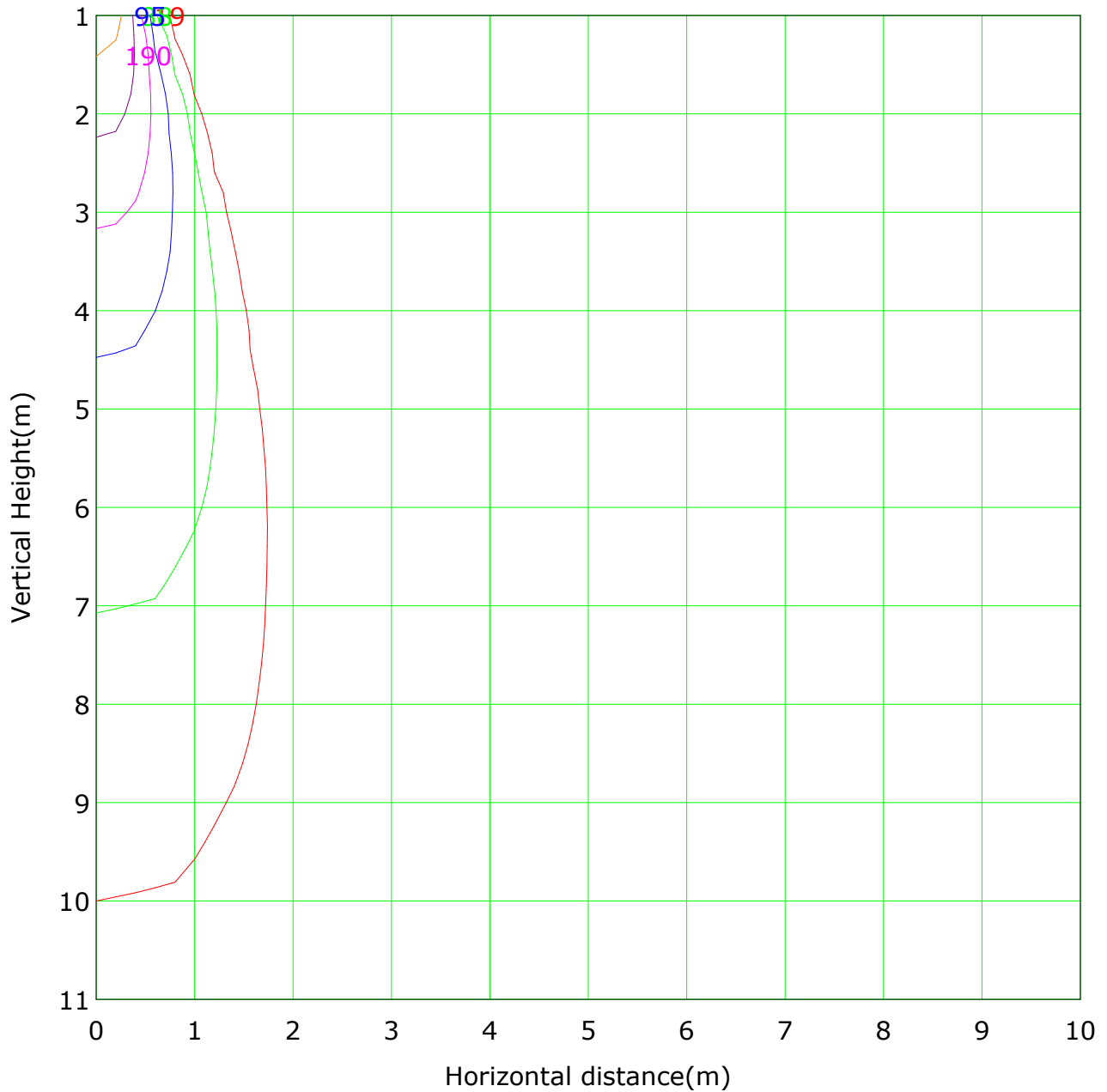
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Vertical IsoLux Plot



Lowest(m): 1m Highest(m): 11 Max Lux: 1904

(1%): 19 lx	(2%): 38 lx
(5%): 95 lx	(10%): 190 lx
(20%): 381 lx	(50%): 952 lx
(100%): 1904 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

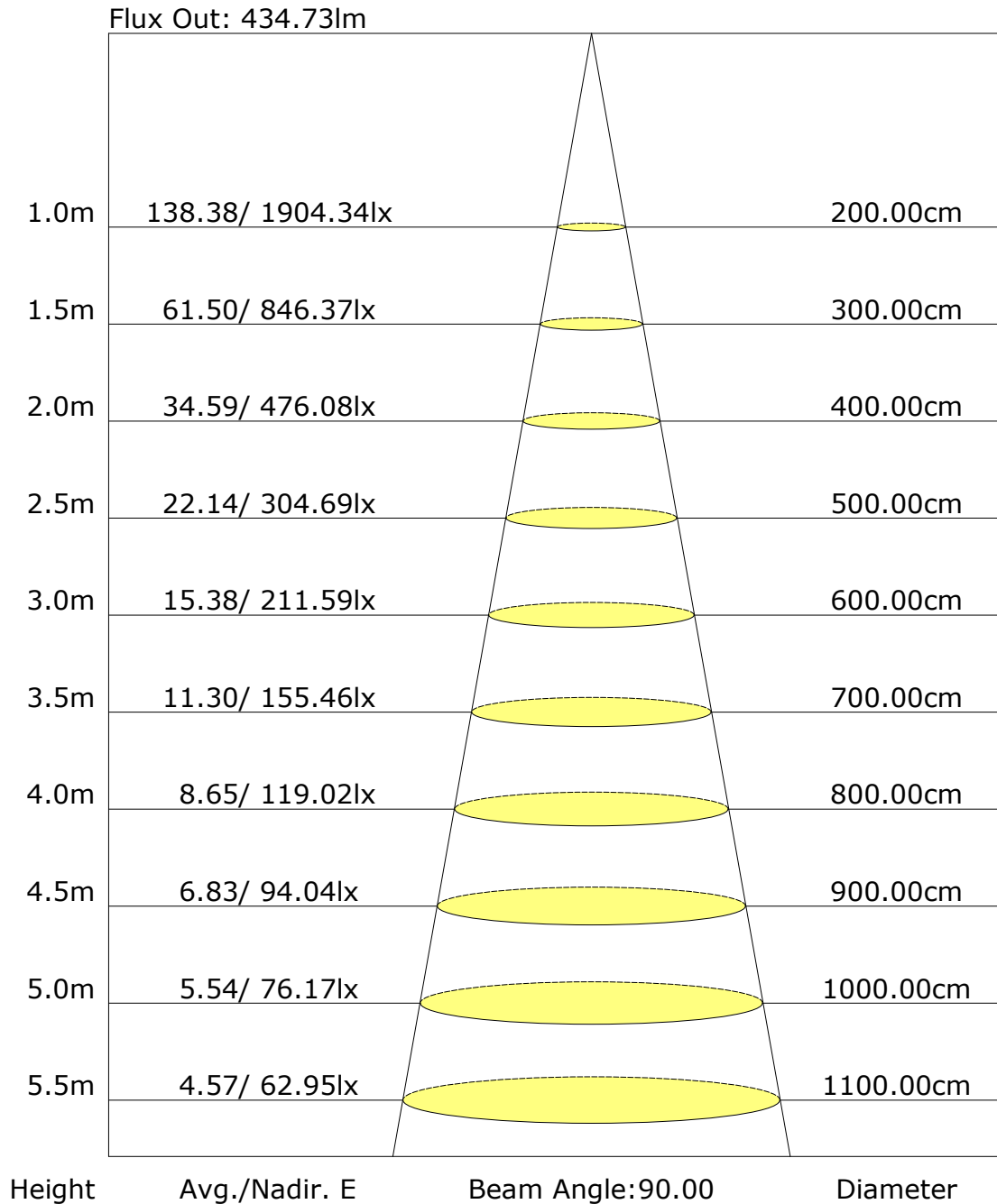
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

The average illuminance effective figure



Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Inspector: