

Report No.: AX-TL-SP-15W-055

Test Time: 2023-07-13 15:17

Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Voltage: 207.6 V

Current: 0.121 A

Power: 14.40 W

Power Factor: 0.573

Photometric Results

CIE Class: Direct

Measurement Flux: 1046.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H51

Vertical Diffuse Angle(50%): V51

Luminaire Efficacy Rating (LER): 73

Max. Intensity: 1543.9 cd

Total Rated Lamp Lumens: 1046.8 lm

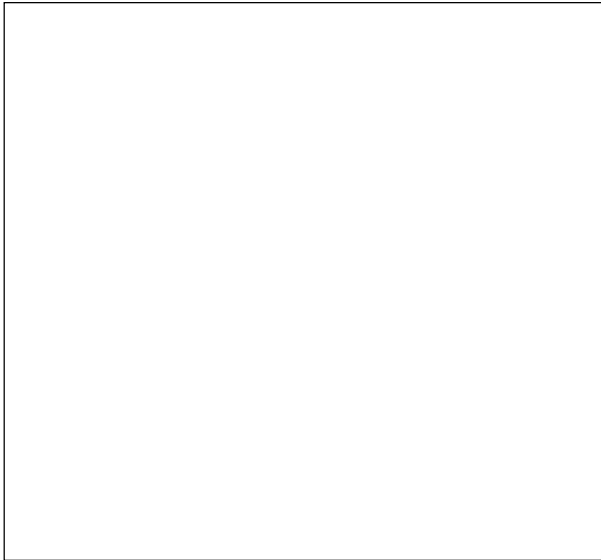
Efficiency: 100%

Upward Ratio: 0%

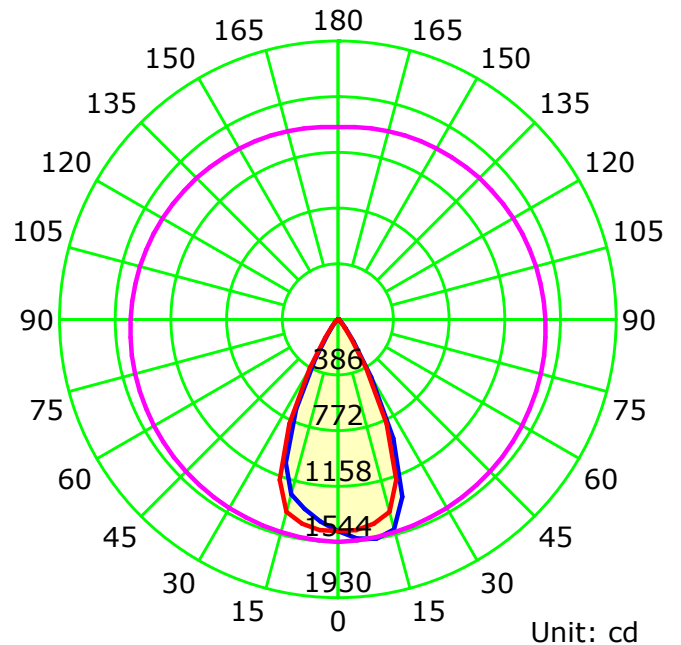
Central Intensity: 1467.02 cd

Pos of Max. Intensity: H0 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G10

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

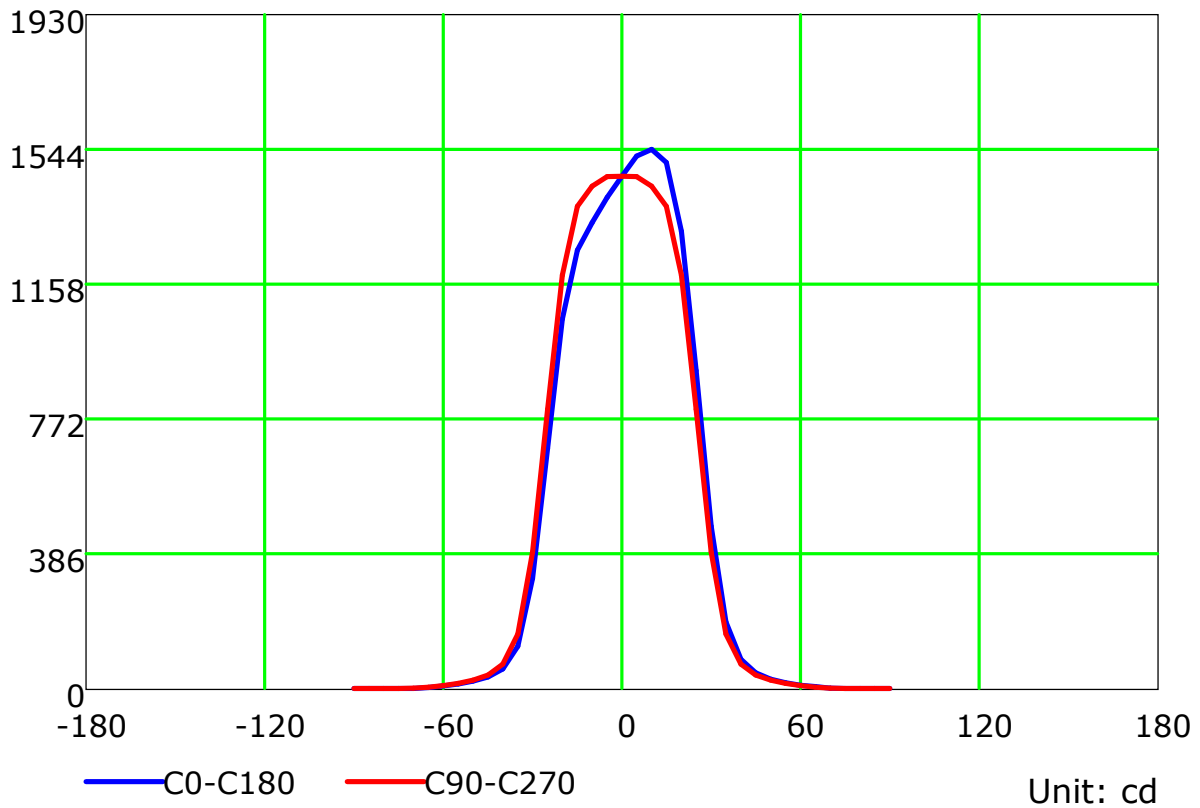
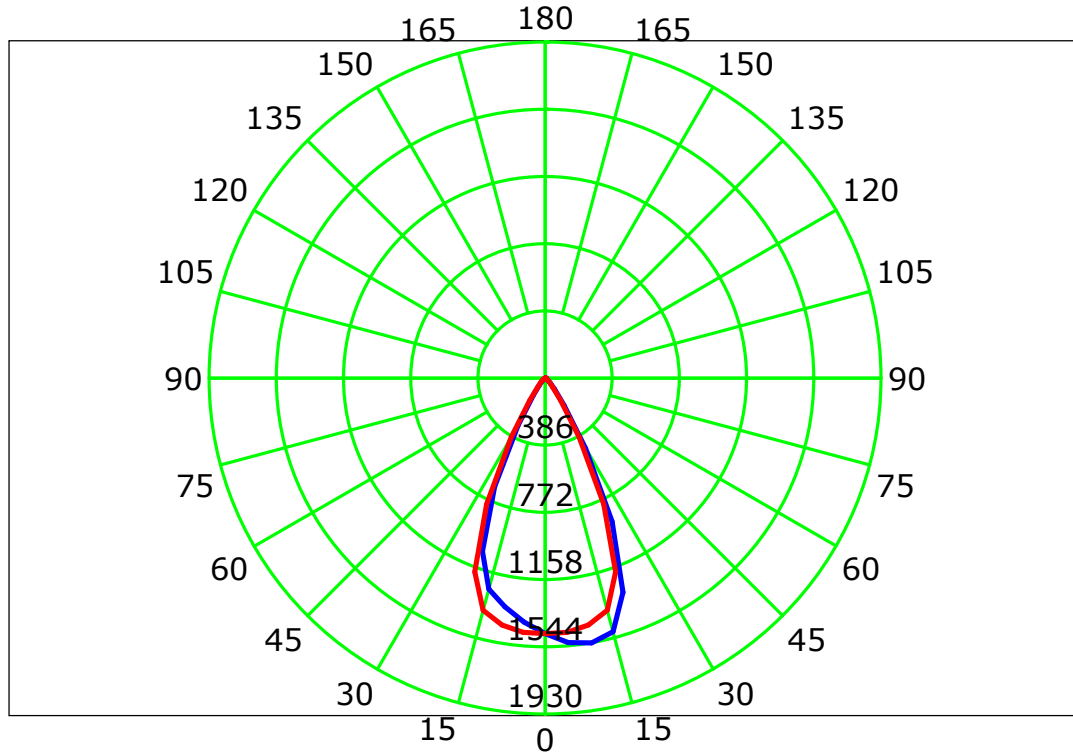
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

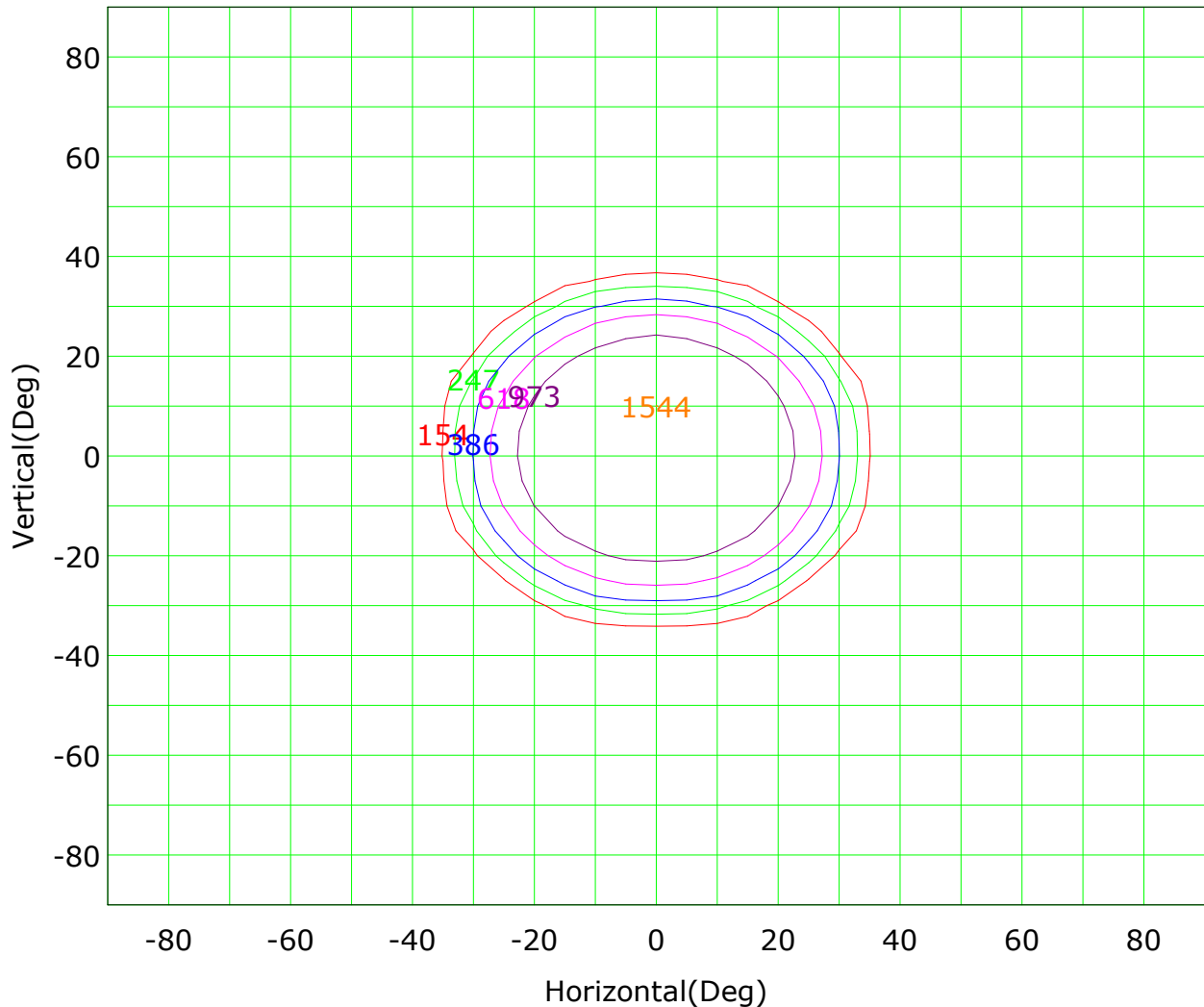
Luminous Intensity Distribution Curve



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%): 1544 cd

(10%): 154 cd	(16%): 247 cd
(25%): 386 cd	(40%): 618 cd
(63%): 973 cd	(100%): 1544 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

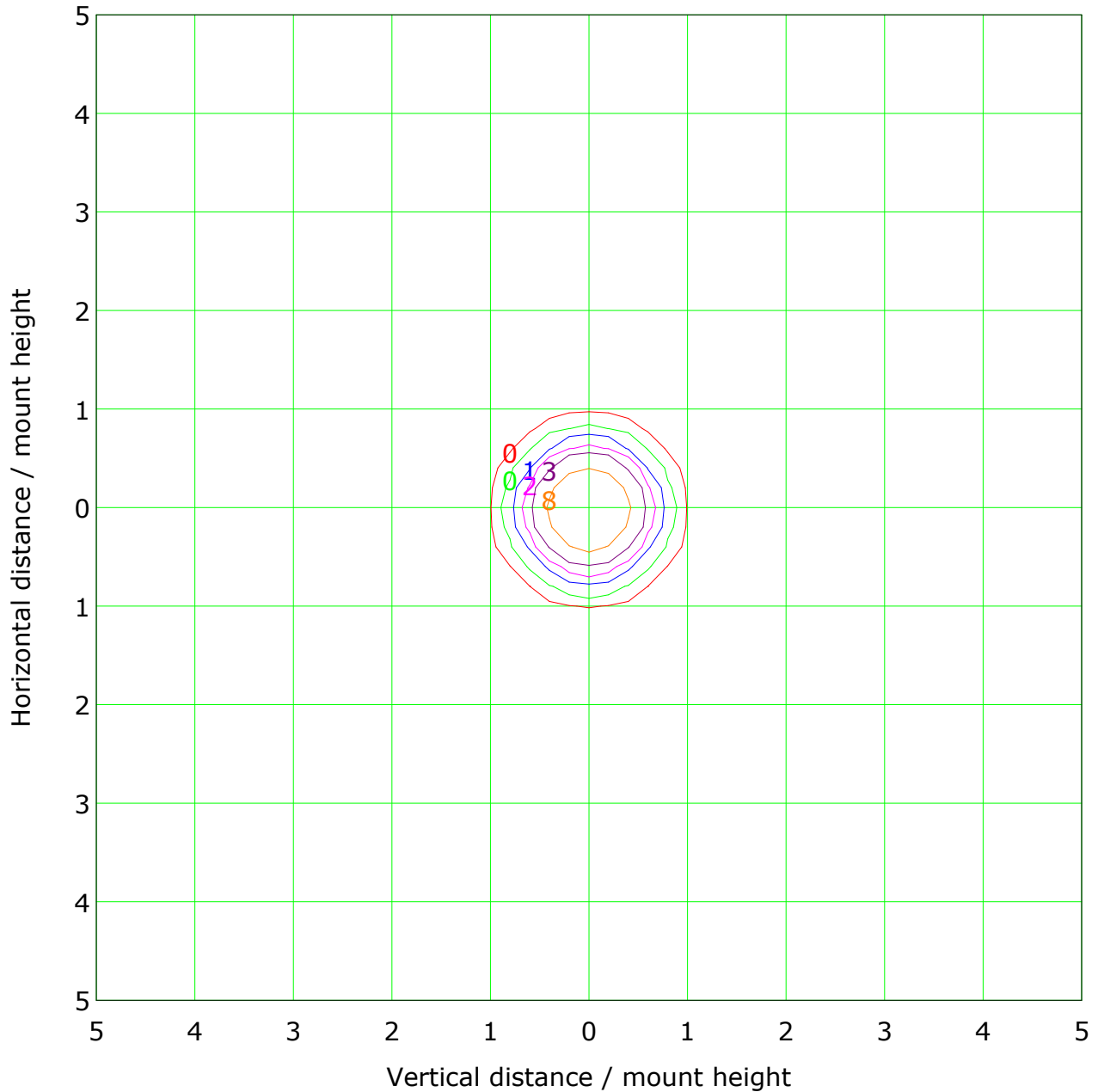
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 15 lx	
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	2 lx
— (20%):	3 lx	— (50%):	8 lx
— (100%):	15 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

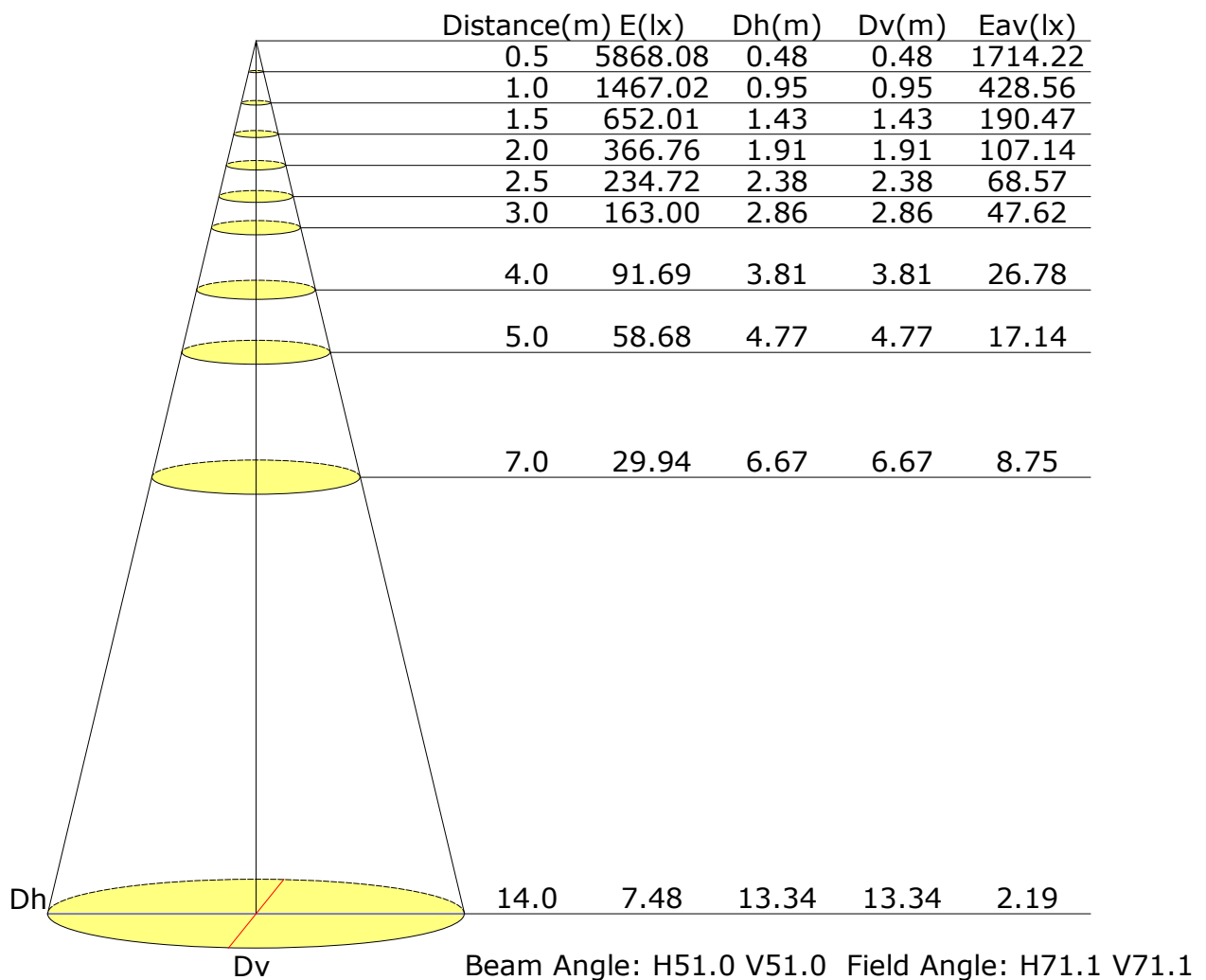
Test Device: CHL-6E

Distance: 3.000 m

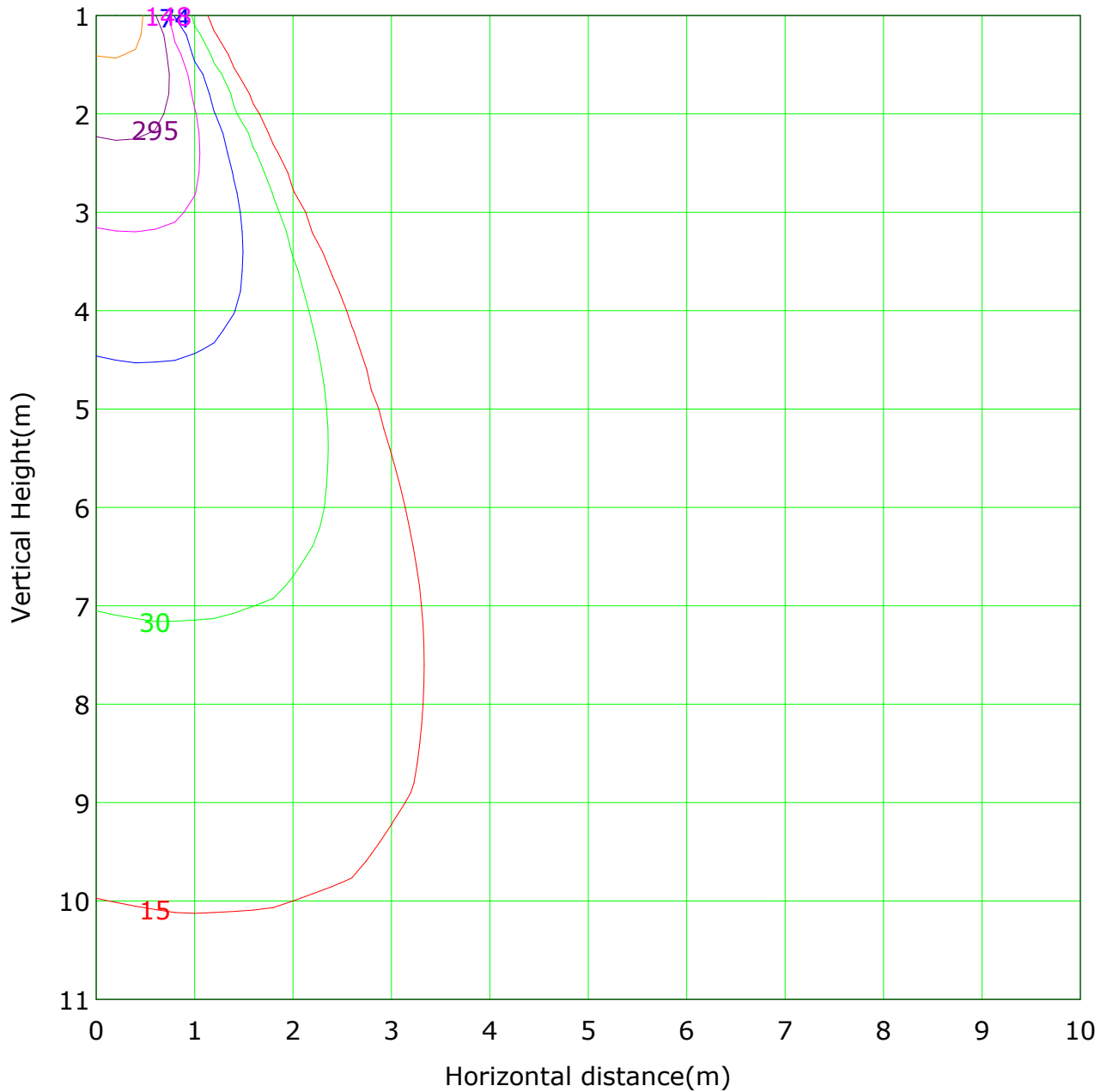
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

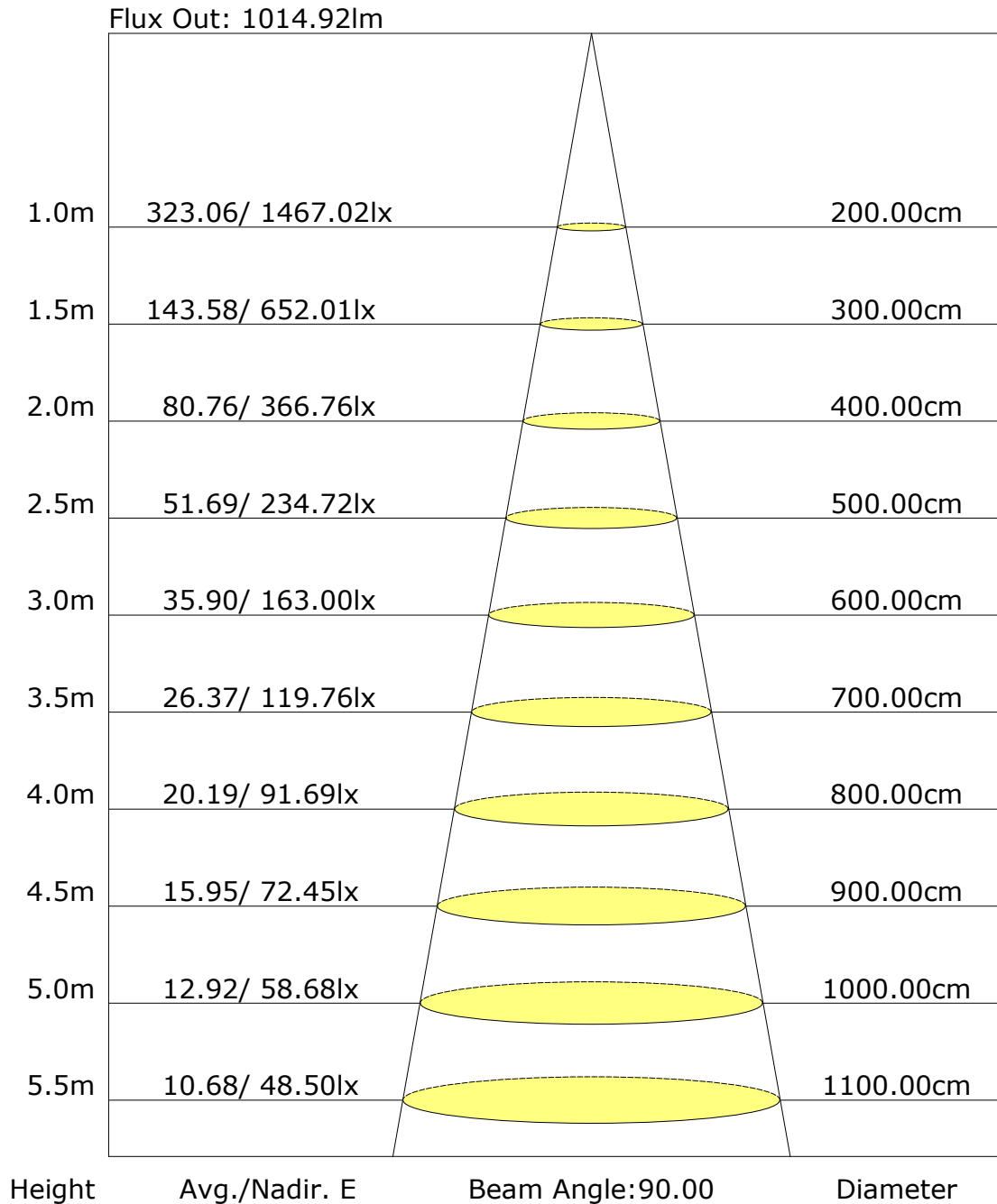


Lowest(m): 1m Highest(m): 11 Max Lux: 1475	
(1%): 15 lx	(2%): 30 lx
(5%): 74 lx	(10%): 148 lx
(20%): 295 lx	(50%): 738 lx
(100%): 1475 lx	

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:

Unit: cd

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