

Report No.: AX-MG-SP-9W-035

Test Time: 2023-09-07 10:19

Luminaire Property

Luminaire Category: Bridgelux V4 3000K CRI90

Voltage: 218.0 V

Current: 0.071 A

Power: 9.00 W

Power Factor: 0.572

Photometric Results

CIE Class: Direct

Measurement Flux: 576.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H37.7

Vertical Diffuse Angle(50%): V37.7

Luminaire Efficacy Rating (LER): 64

Max. Intensity: 1430.31 cd

Total Rated Lamp Lumens: 576.5 lm

Efficiency: 100%

Upward Ratio: 0%

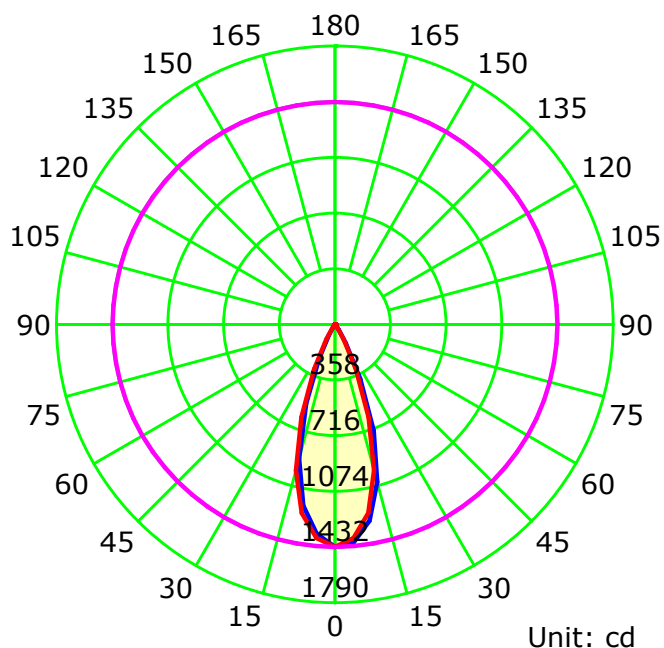
Central Intensity: 1430.3 cd

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

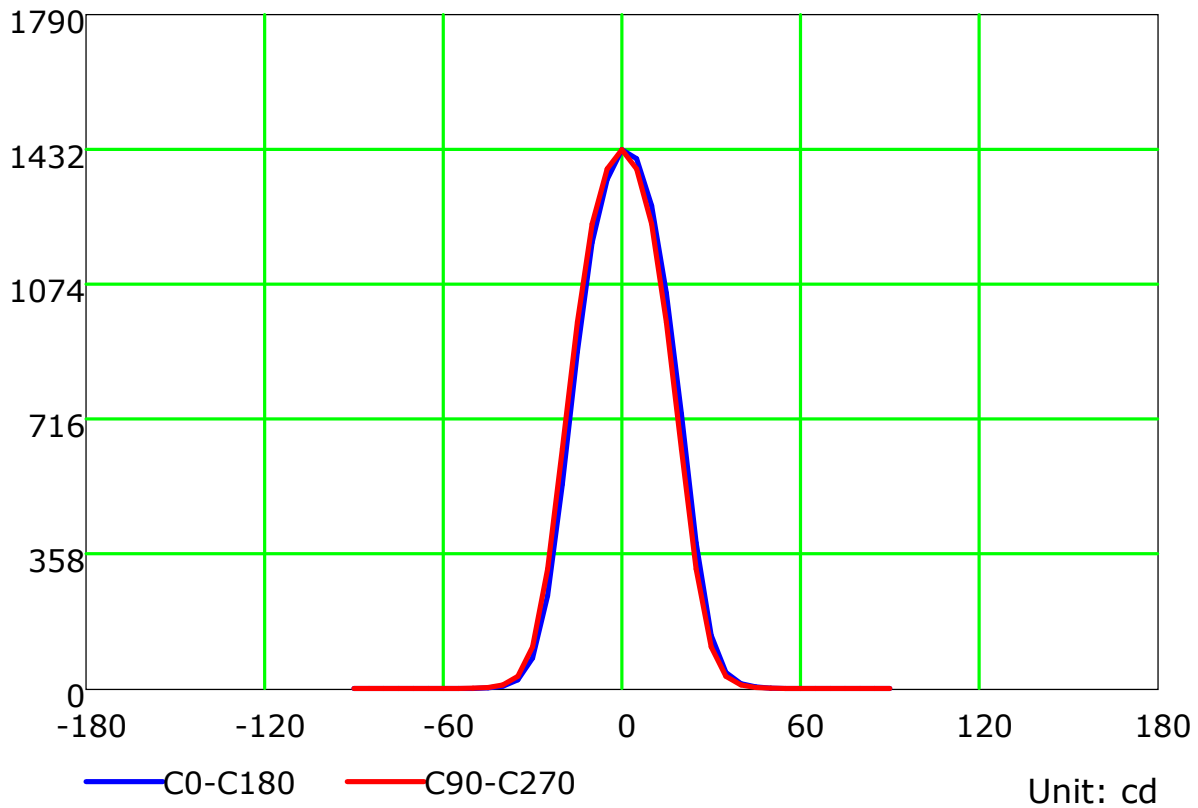
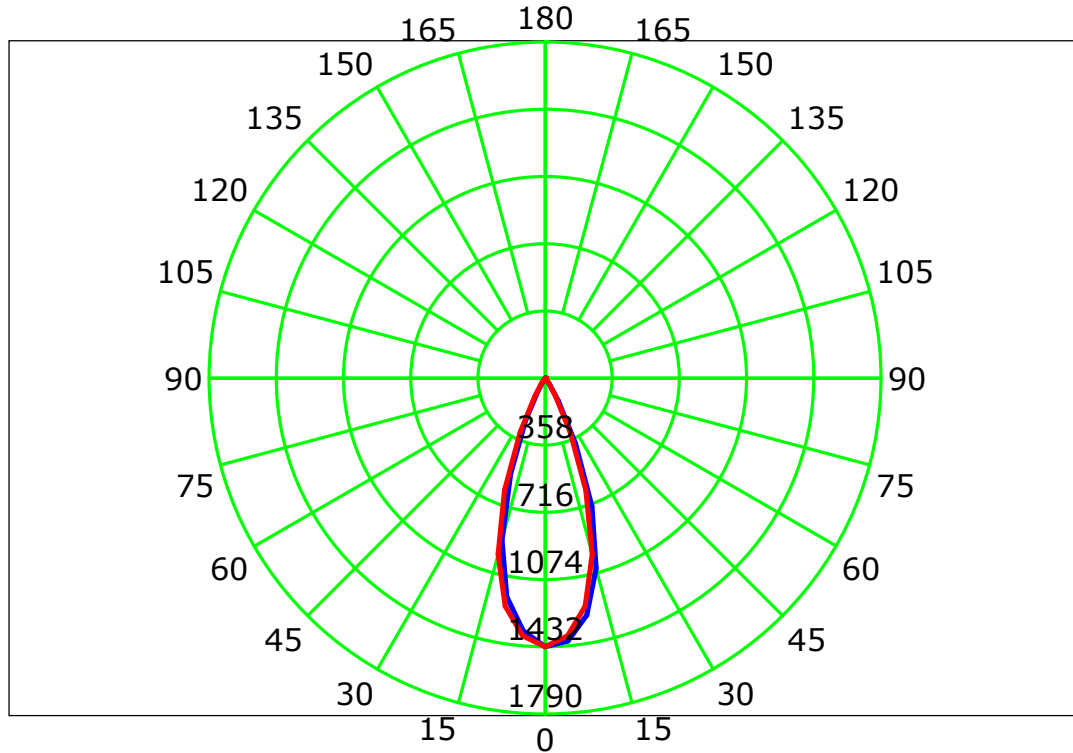
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

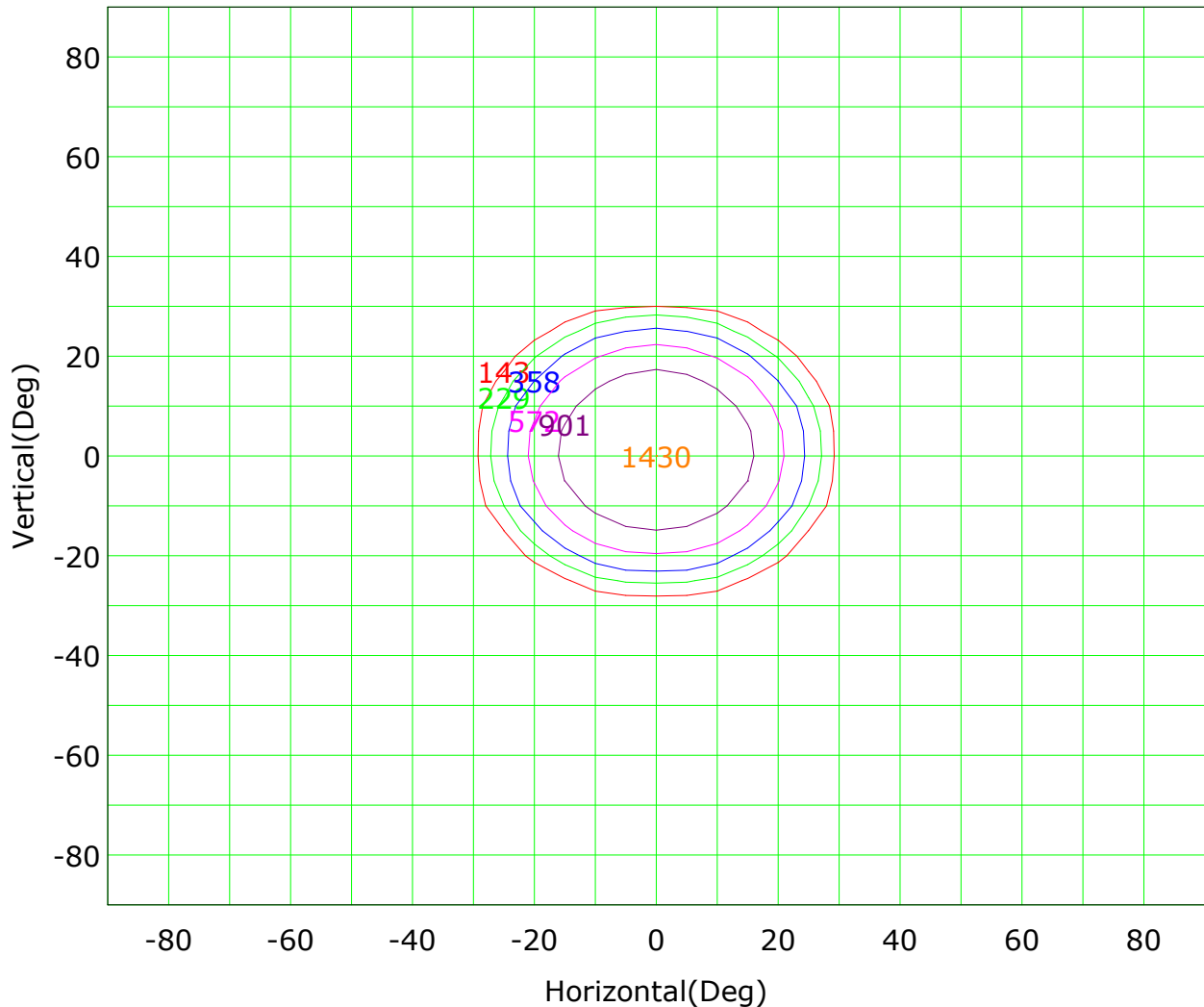
Luminous Intensity Distribution Curve



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%): 1430 cd

(10%): 143 cd	(16%): 229 cd
(25%): 358 cd	(40%): 572 cd
(63%): 901 cd	(100%): 1430 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

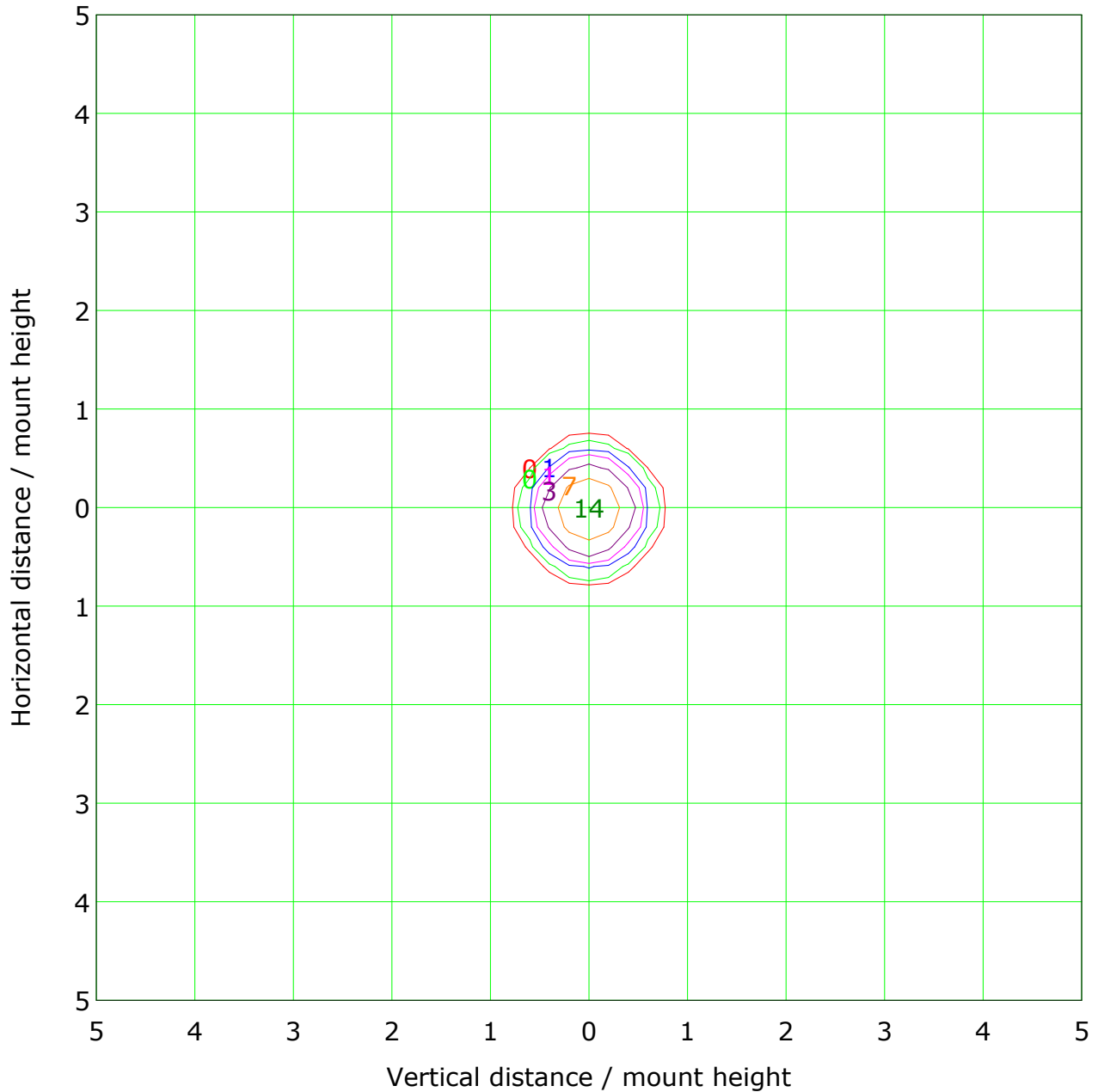
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 14 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	1 lx
— (20%):	3 lx	— (50%):	7 lx
— (100%):	14 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

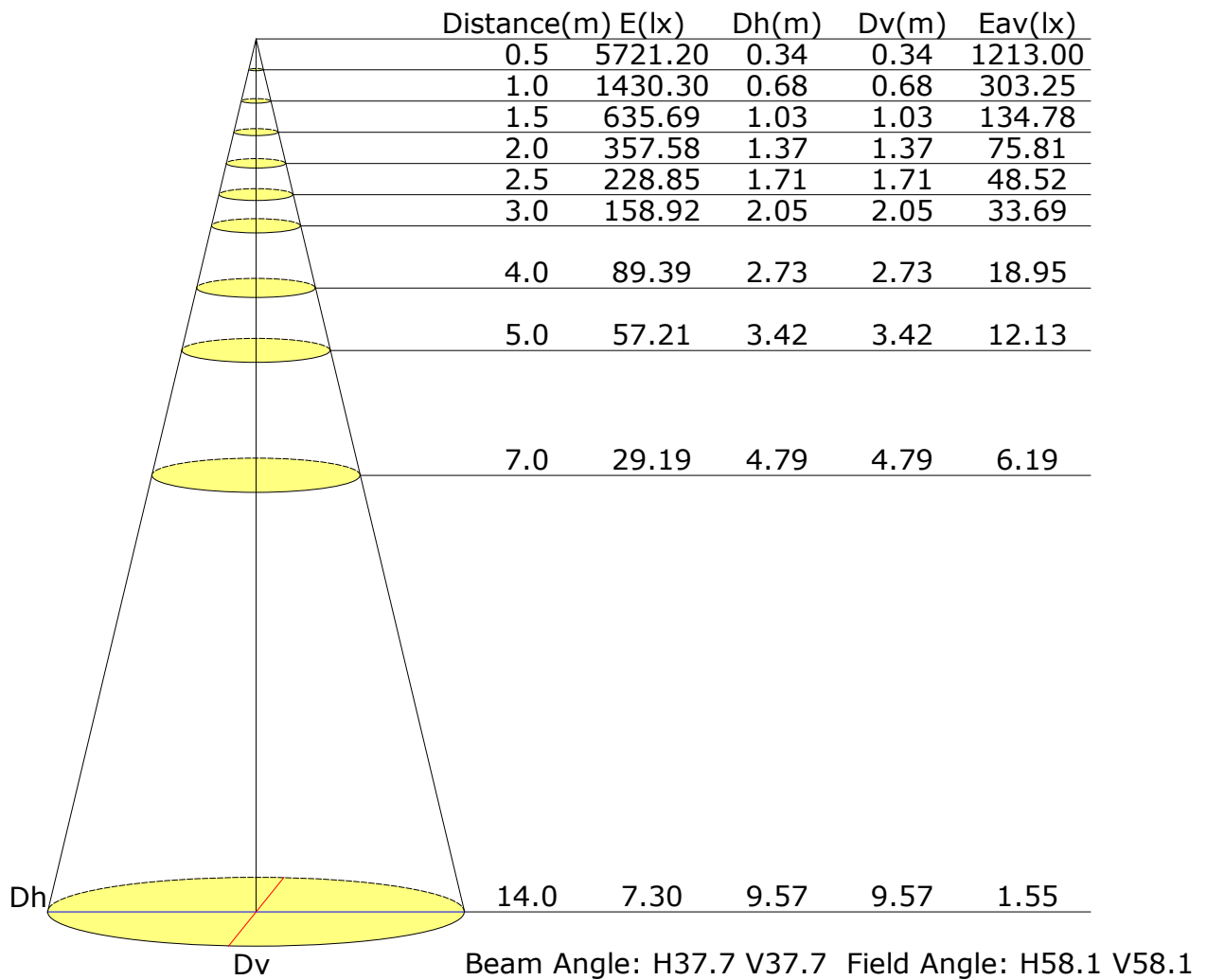
Test Device: CHL-6E

Distance: 3.000 m

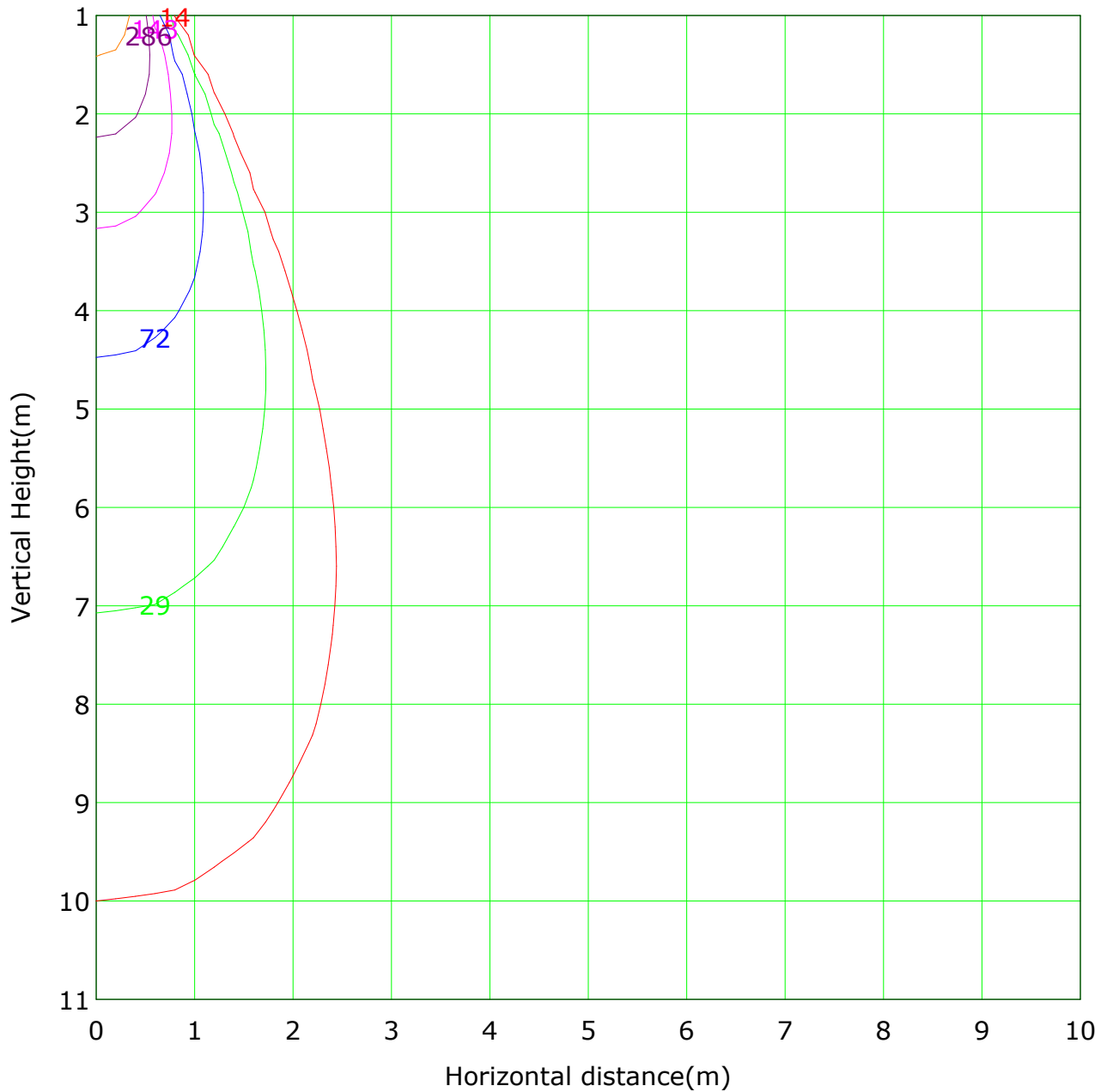
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



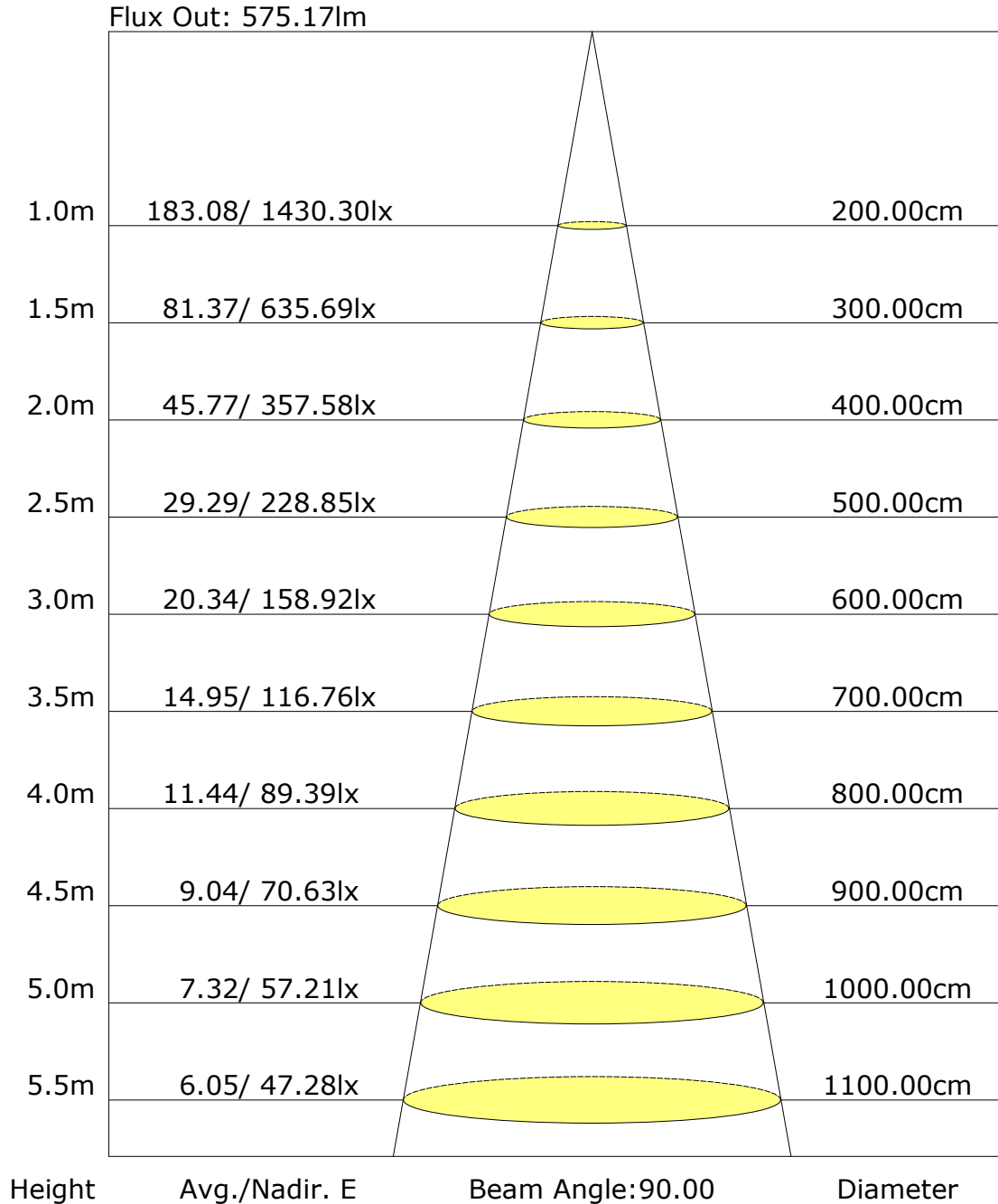
Lowest(m): 1m Highest(m): 11 Max Lux: 1430

(1%): 14 lx	(2%): 29 lx
(5%): 72 lx	(10%): 143 lx
(20%): 286 lx	(50%): 715 lx
(100%): 1430 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: