

Report No.: 93.11611 ADJ

Test Time: 2023-09-15 14:43

Luminaire Property

Luminaire Category:

Luminaire Description: Bridgelux V10A F90 3 Voltage: 222.7 V

Current: 0.158 A

Power: 19.30 W

Power Factor: 0.545

Photometric Results

CIE Class: Direct

Measurement Flux: 2190.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H40.8

Vertical Diffuse Angle(50%): V40.8

Luminaire Efficacy Rating (LER): 113

Max. Intensity: 4700.42 cd

Total Rated Lamp Lumens: 2190.1 lm

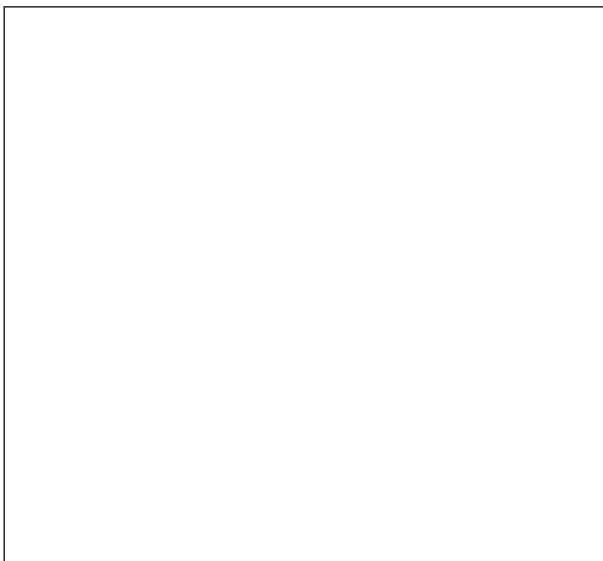
Efficiency: 100%

Upward Ratio: 0%

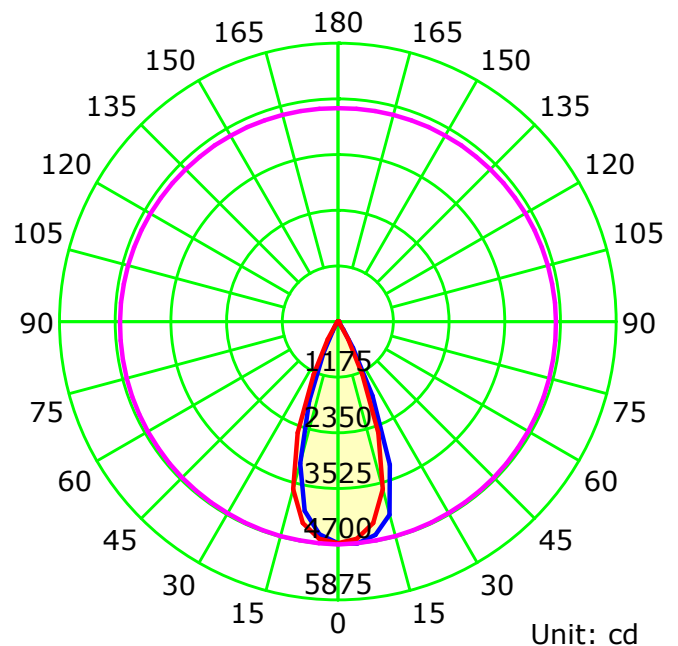
Central Intensity: 4678.13 cd

Pos of Max. Intensity: H0 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G5

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

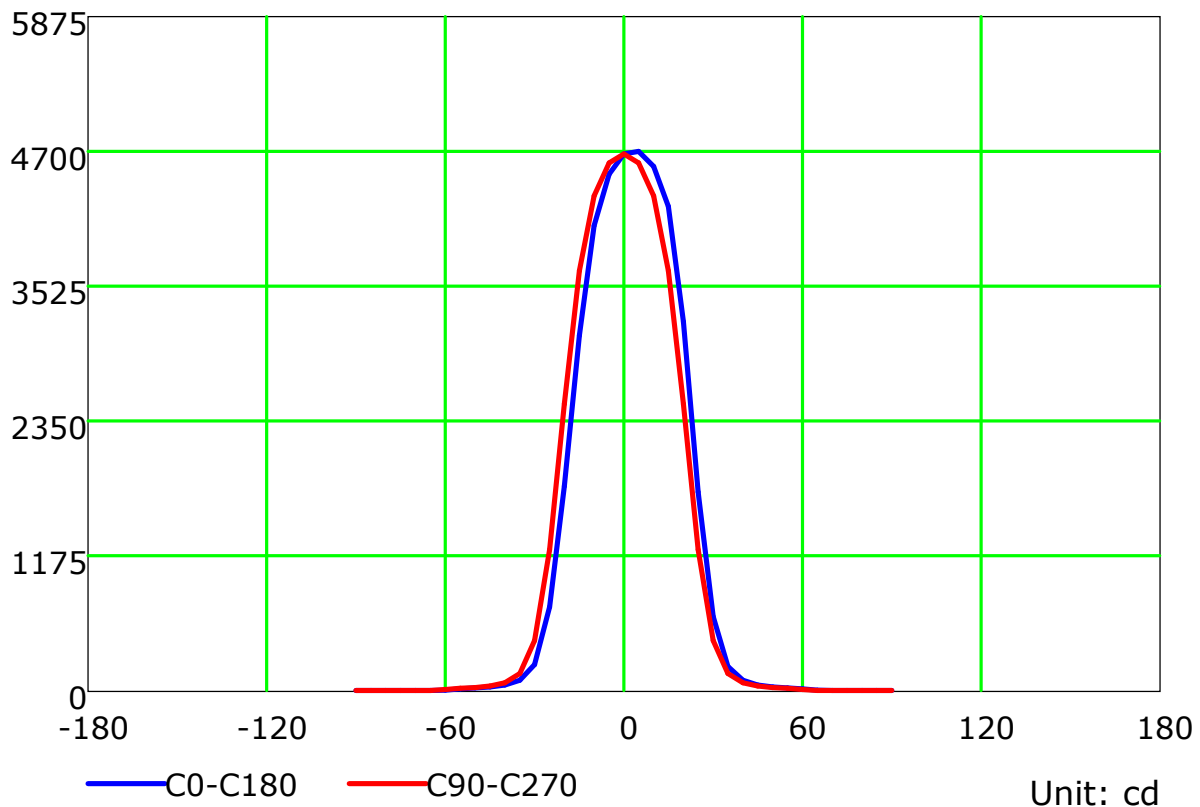
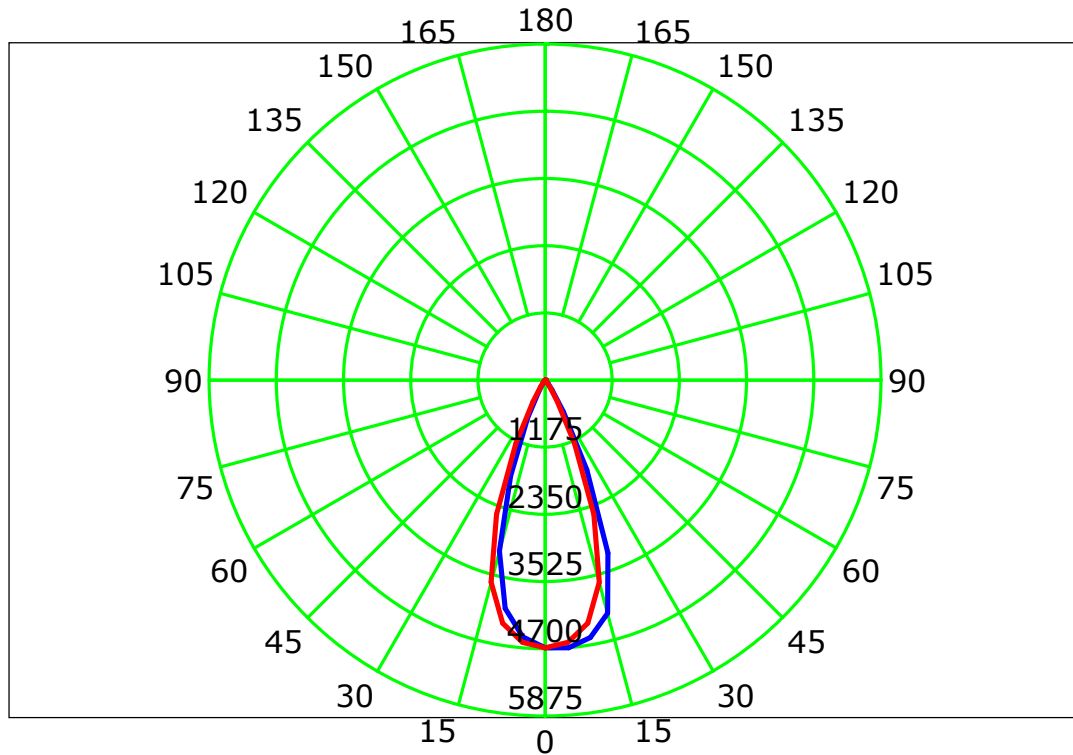
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve



Unit: 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

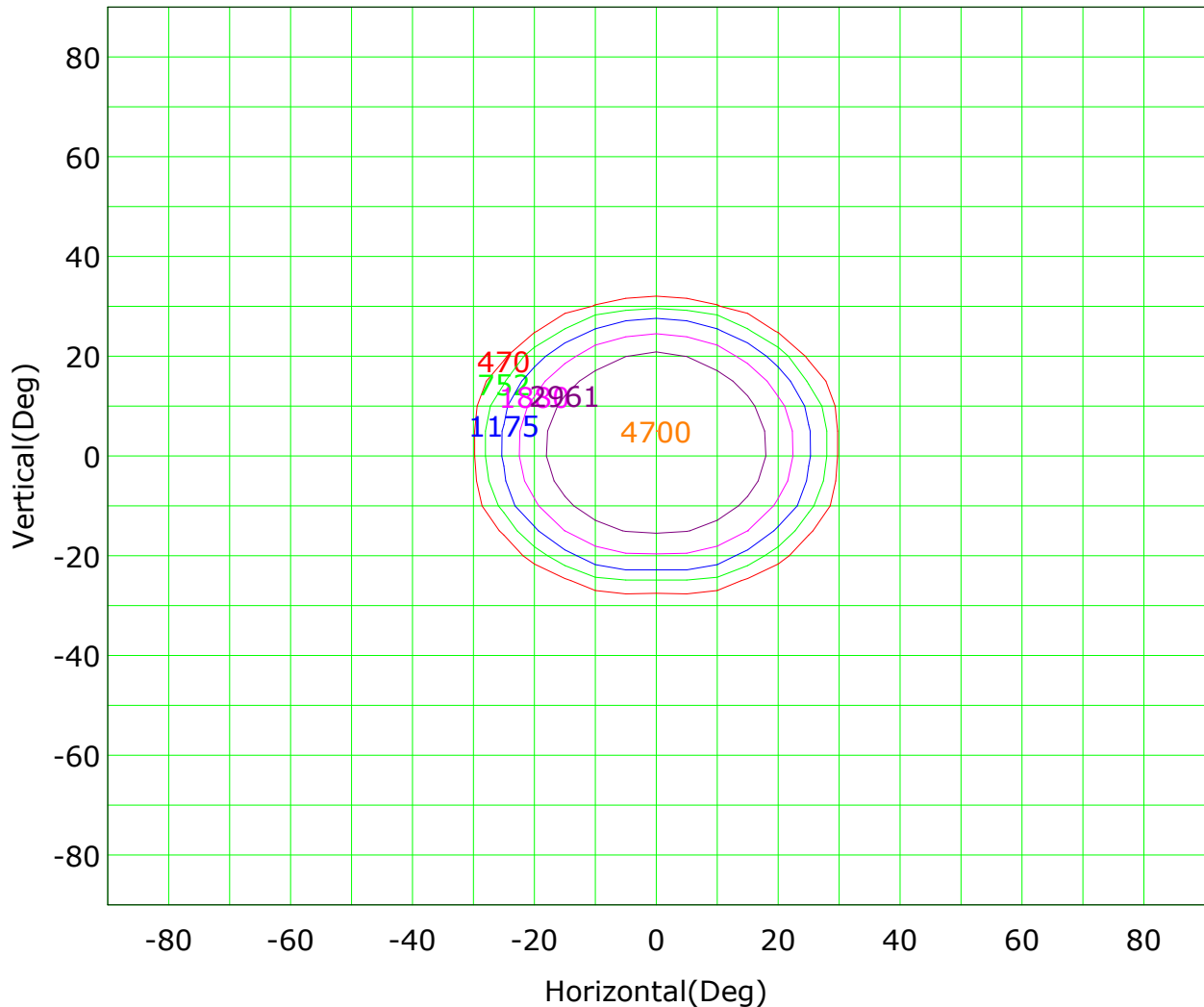
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 4700 cd

(10%): 470 cd	(16%): 752 cd
(25%): 1175 cd	(40%): 1880 cd
(63%): 2961 cd	(100%): 4700 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

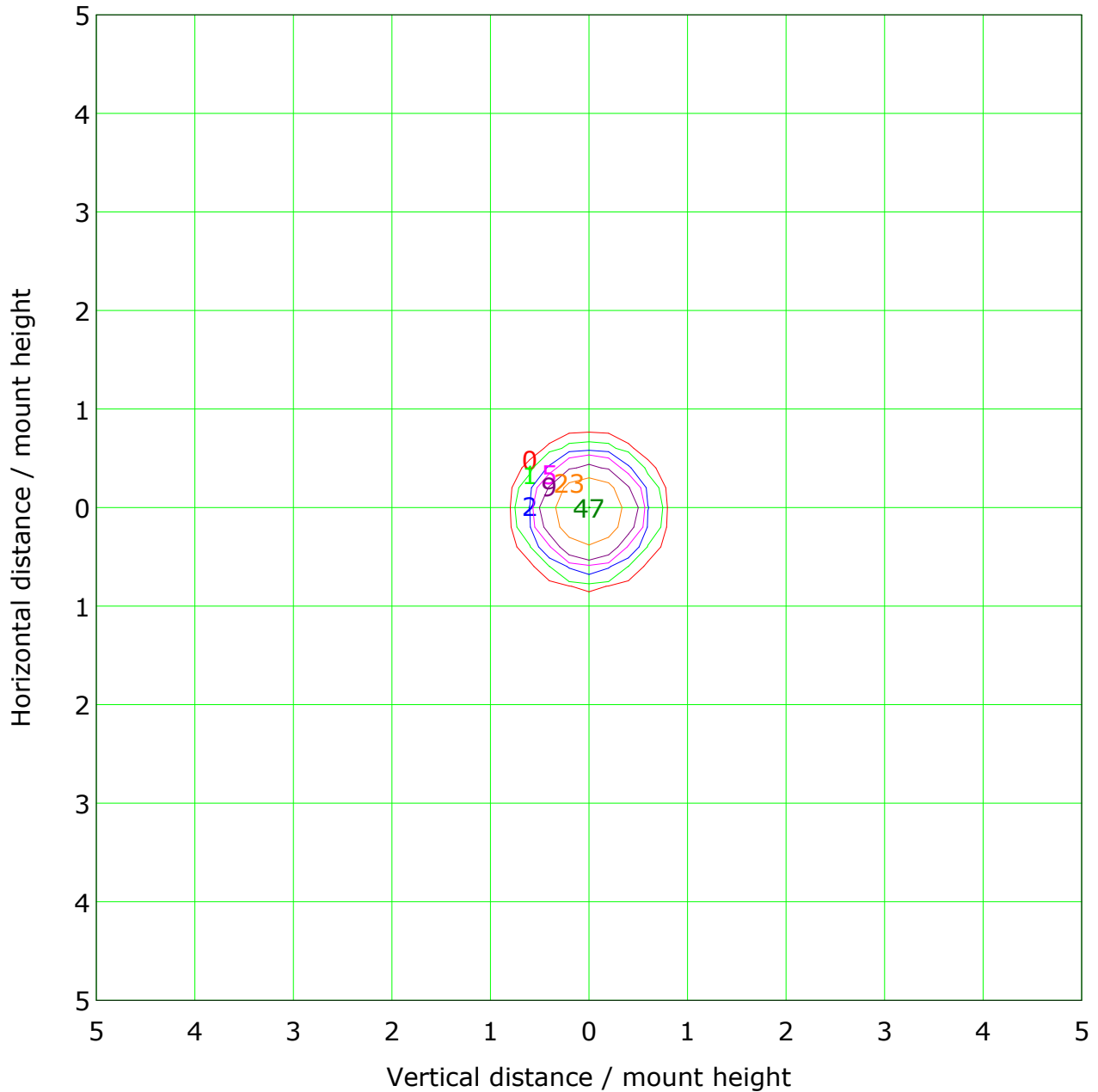
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 47 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	2 lx	(10%):	5 lx
(20%):	9 lx	(50%):	23 lx
(100%):	47 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

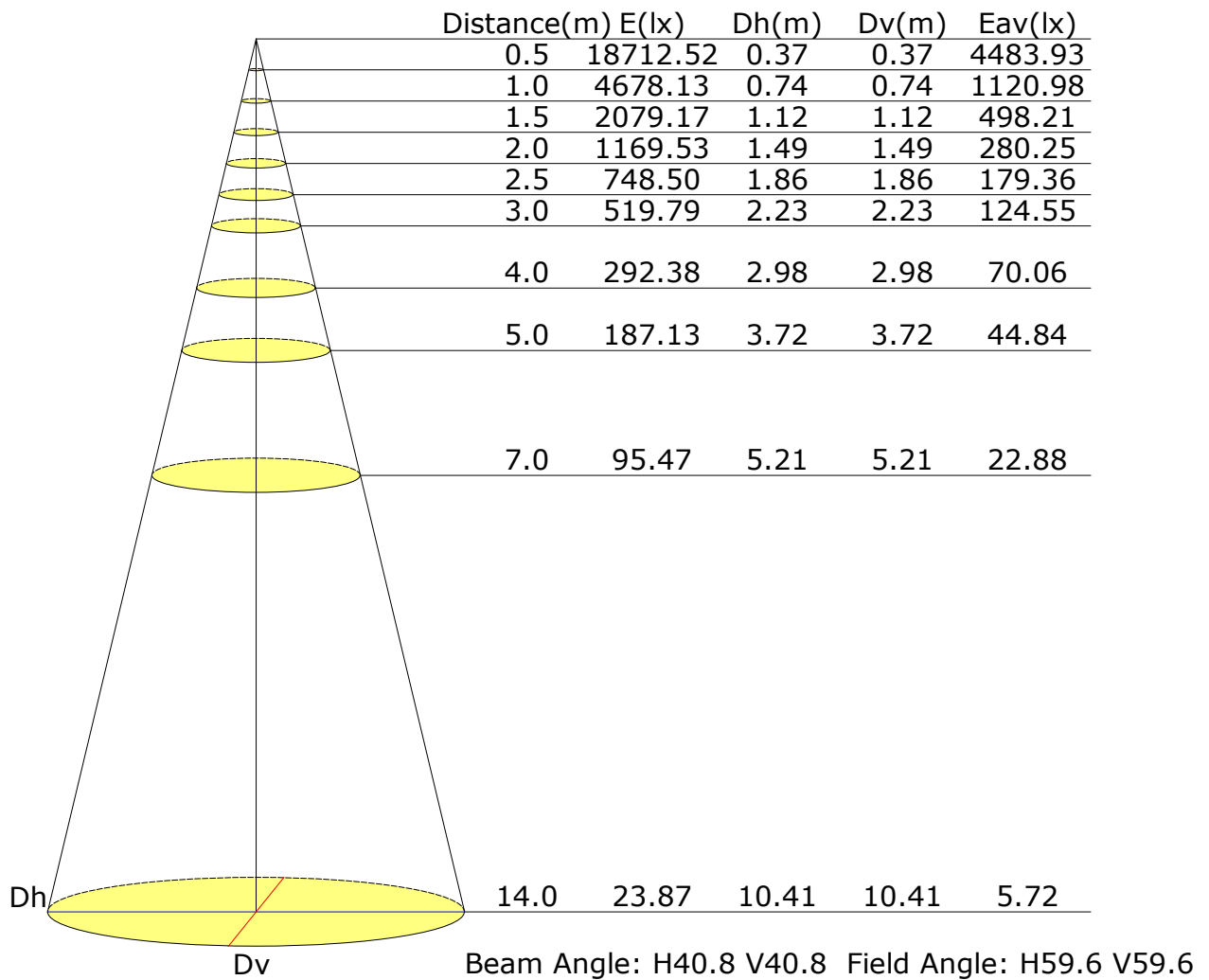
Test Device: CHL-6E

Distance: 3.000 m

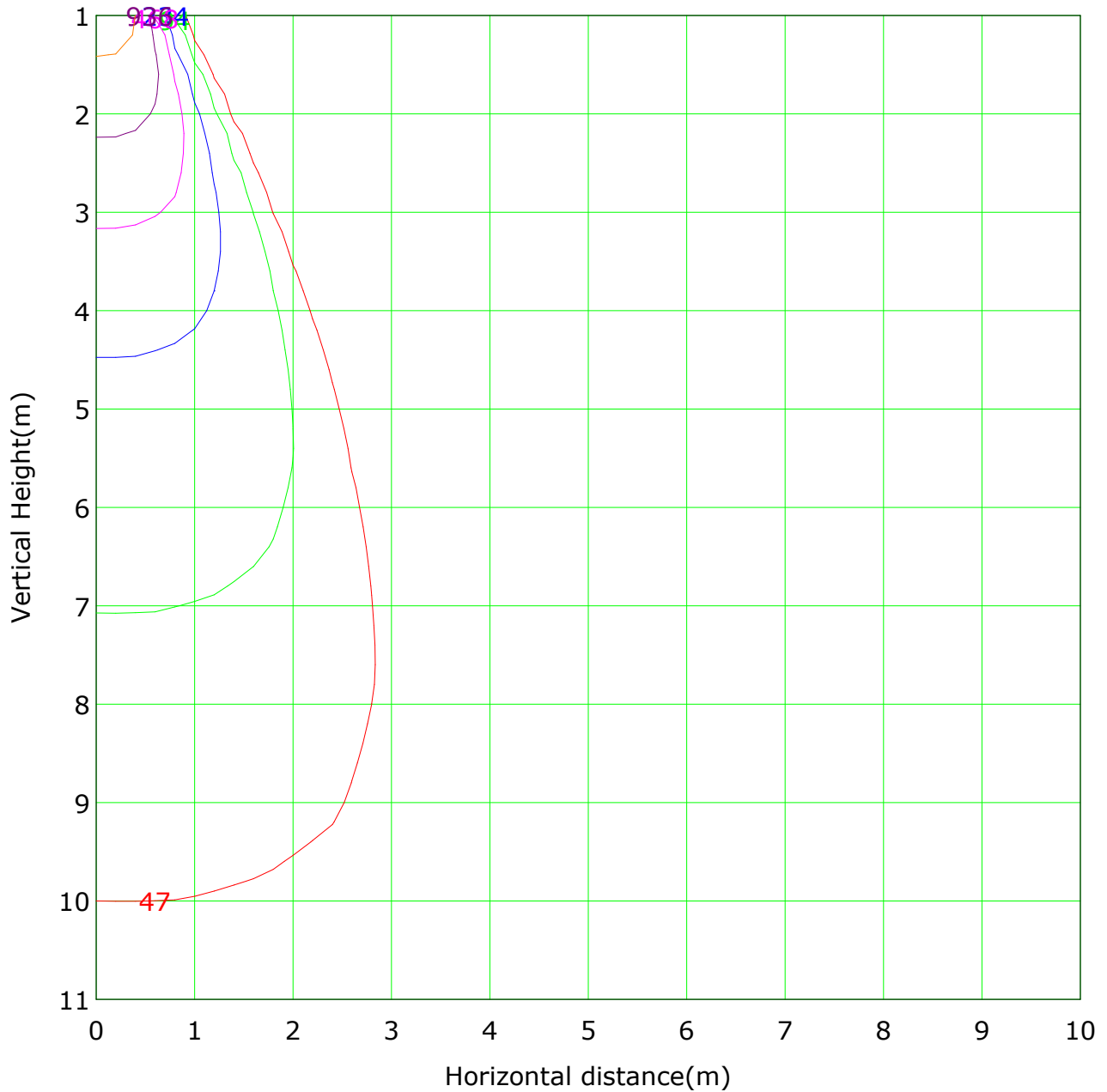
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



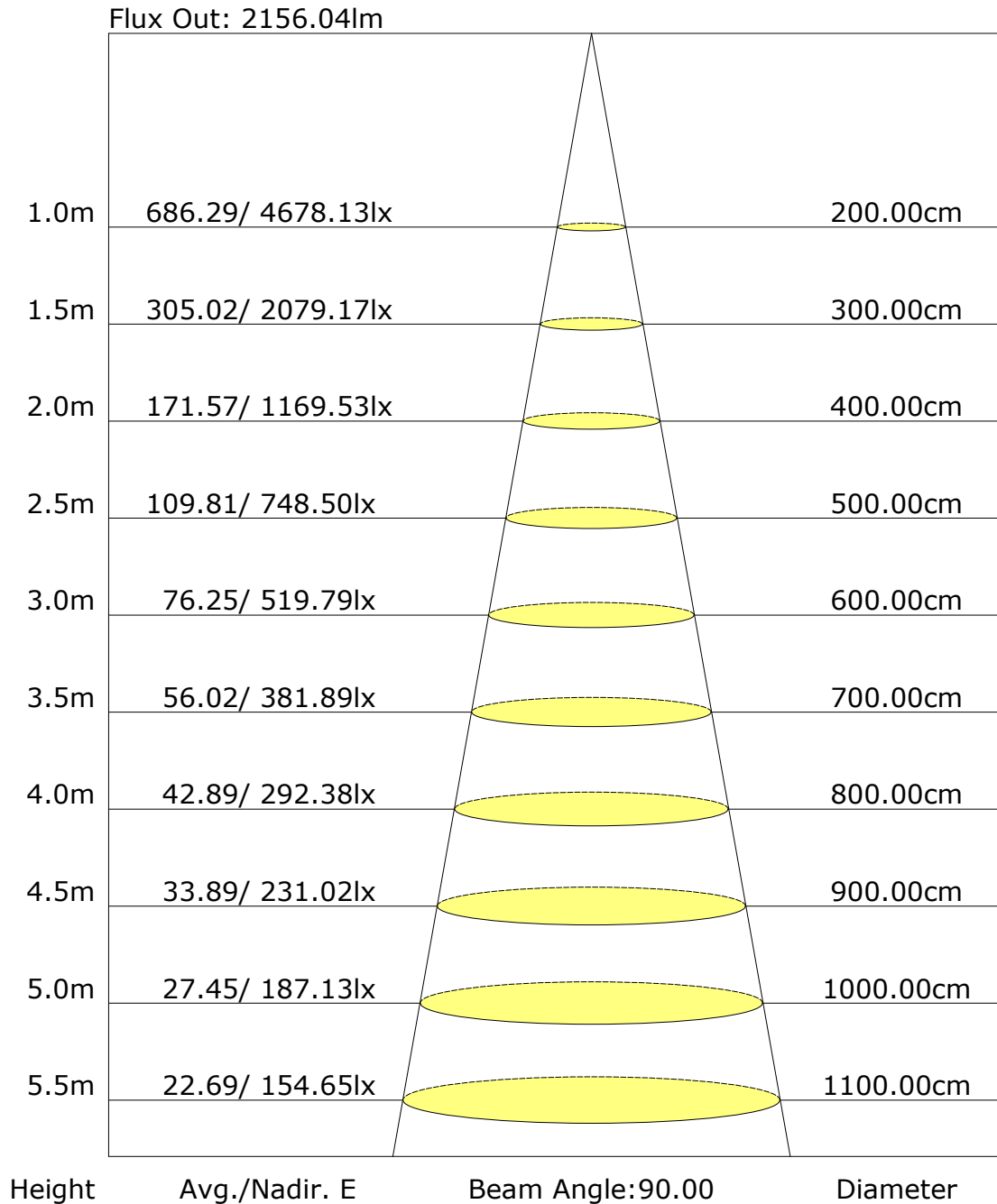
Lowest(m): 1m Highest(m): 11 Max Lux: 4678

(1%): 47 lx	(2%): 94 lx
(5%): 234 lx	(10%): 468 lx
(20%): 936 lx	(50%): 2339 lx
(100%): 4678 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



[illegible]

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

Inspector: