

Report No.: 32.04515 EMMA Tracklight

Test Time: 2023-09-13 15:57

Luminaire Property

Luminaire Category: Bridgelux V8 4000K CRI90

Voltage: 221.5 V

Current: 0.052 A

Power: 10.70 W

Power Factor: 0.930

Photometric Results

CIE Class: Direct

Measurement Flux: 917 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H56.2

Vertical Diffuse Angle(50%): V56.2

Luminaire Efficacy Rating (LER): 86

Max. Intensity: 1186.97 cd

Total Rated Lamp Lumens: 917.0 lm

Efficiency: 100%

Upward Ratio: 0%

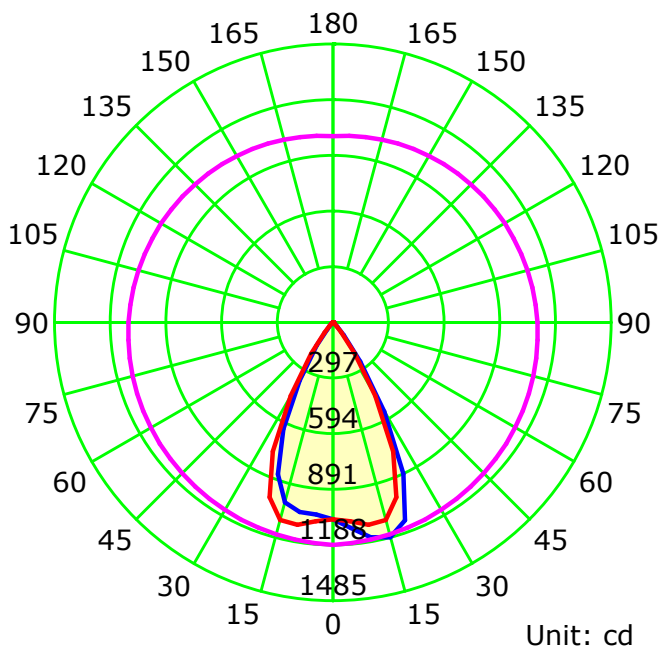
Central Intensity: 1050.68 cd

Pos of Max. Intensity: H0 V15

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G15

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

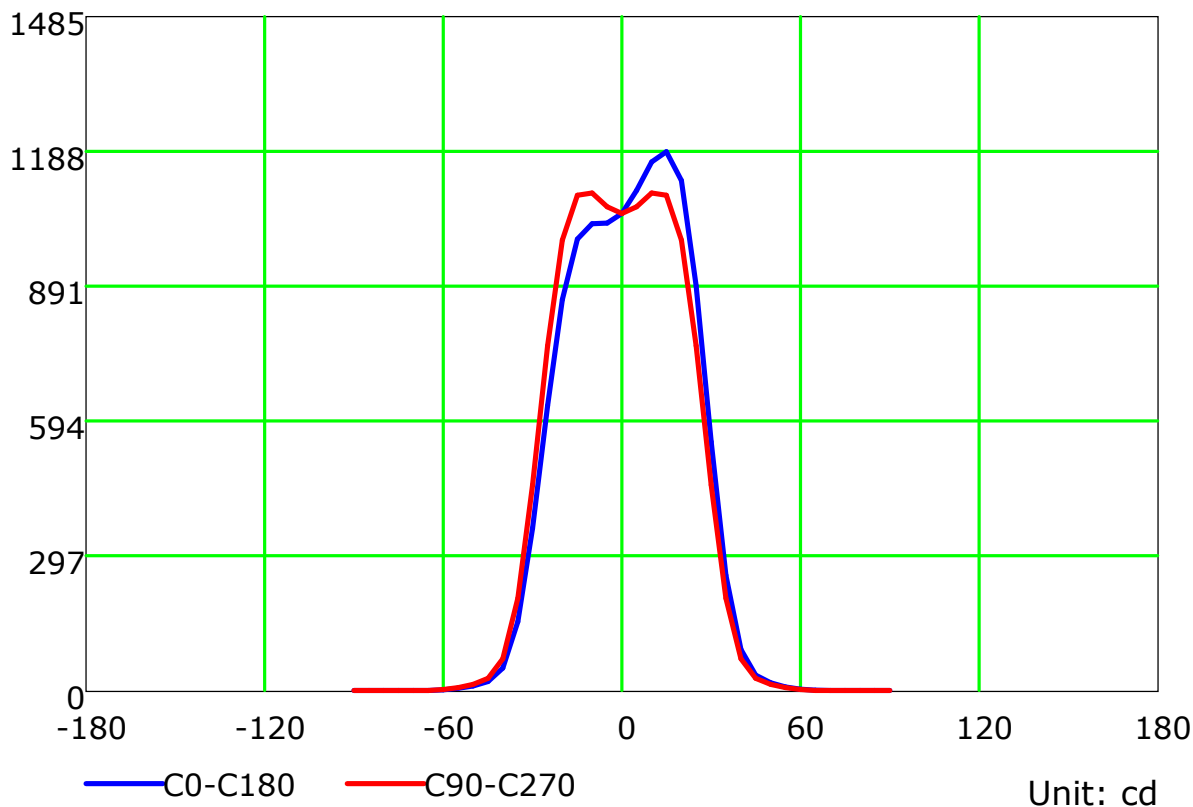
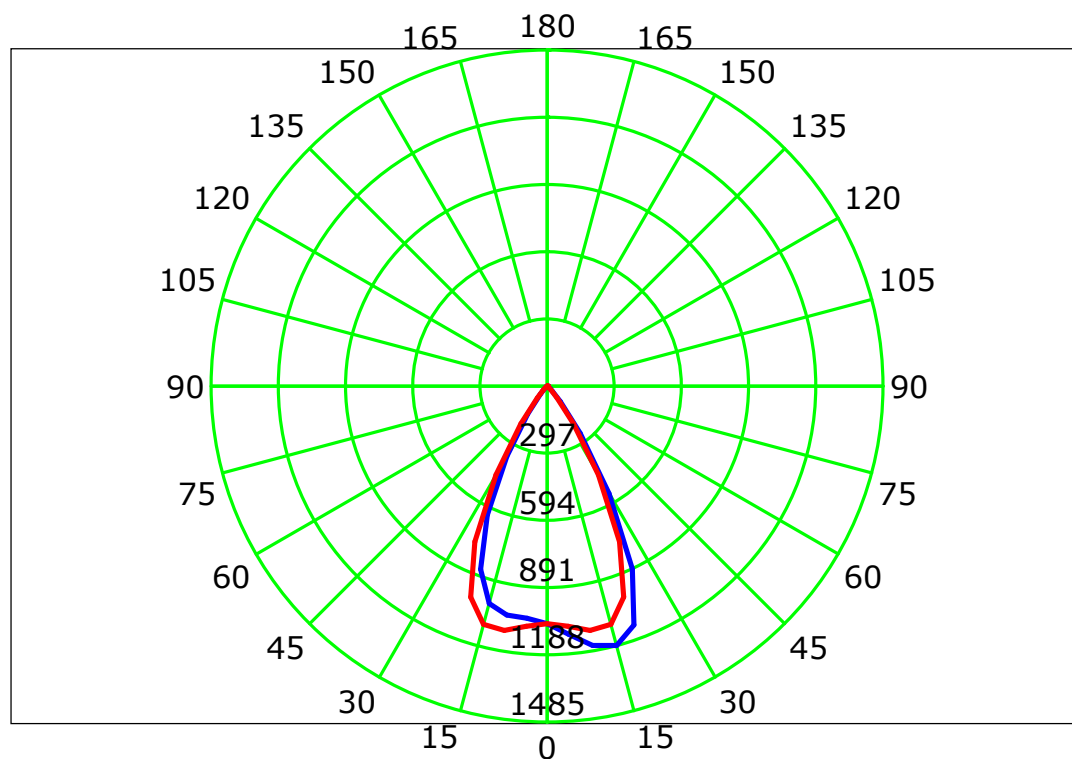
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

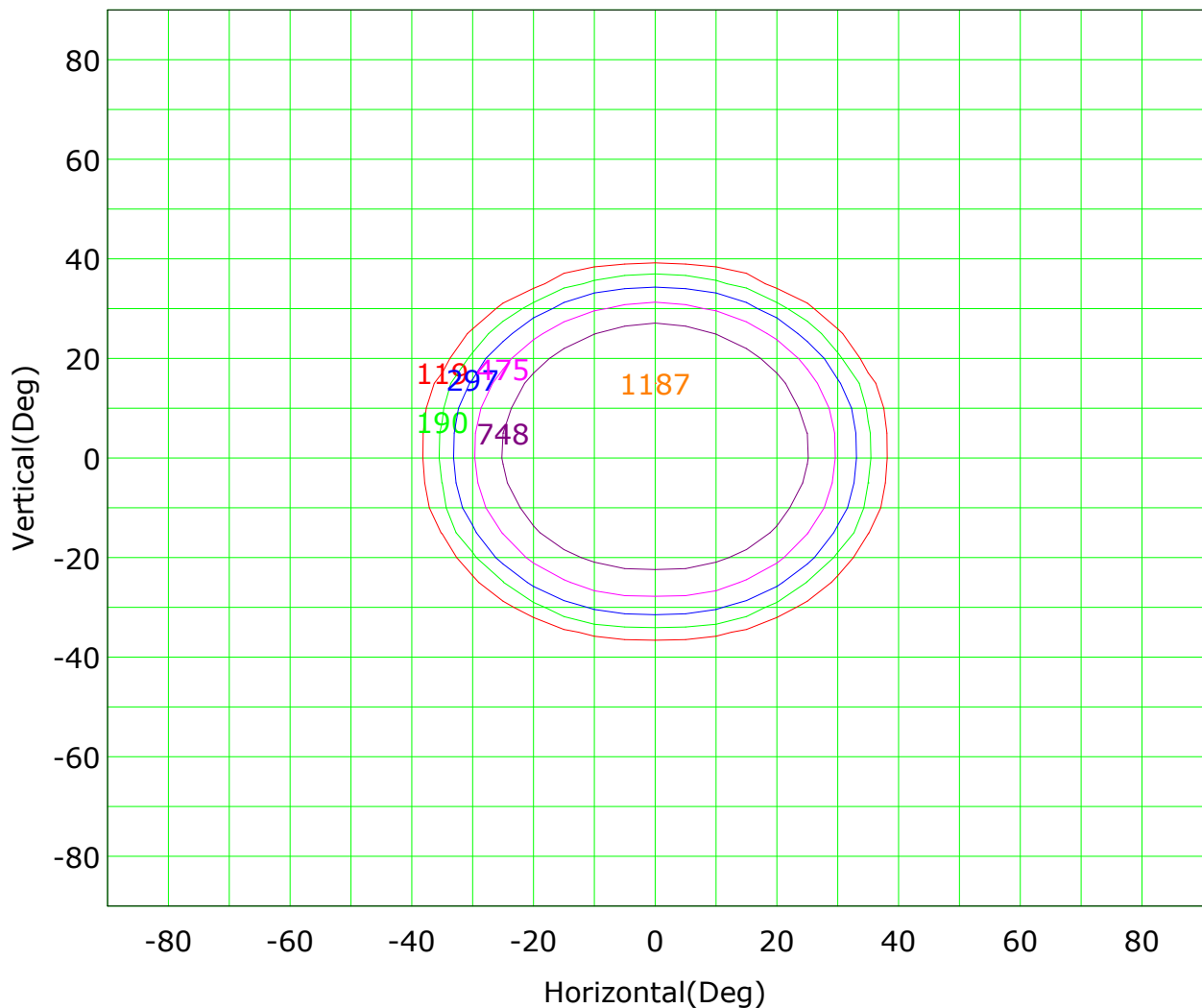
Luminous Intensity Distribution Curve



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%): 1187 cd

(10%): 119 cd	(16%): 190 cd
(25%): 297 cd	(40%): 475 cd
(63%): 748 cd	(100%): 1187 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

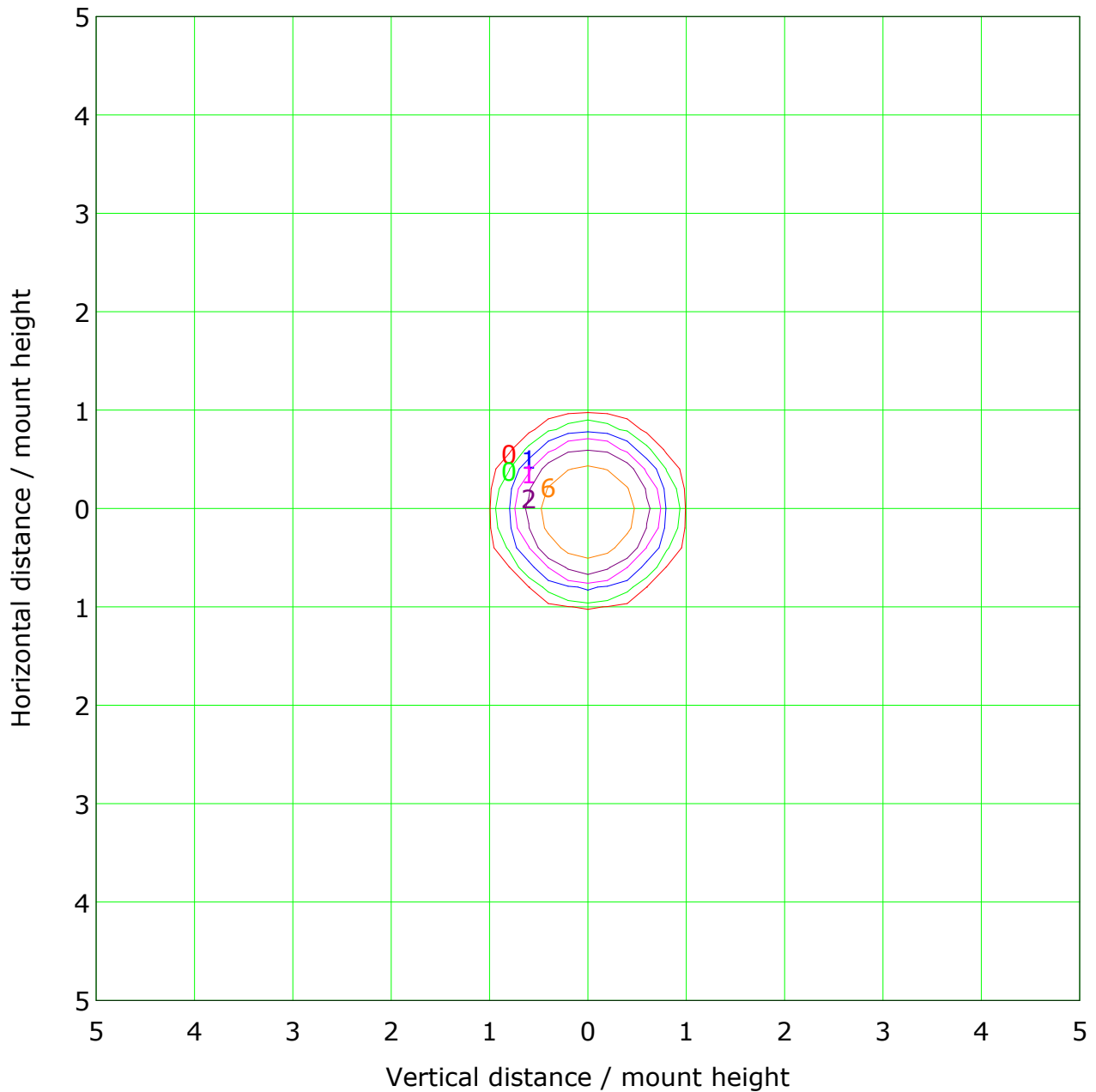
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 11 lx	
(1%):	0 lx	(2%):	0 lx
(5%):	1 lx	(10%):	1 lx
(20%):	2 lx	(50%):	6 lx
(100%):	11 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

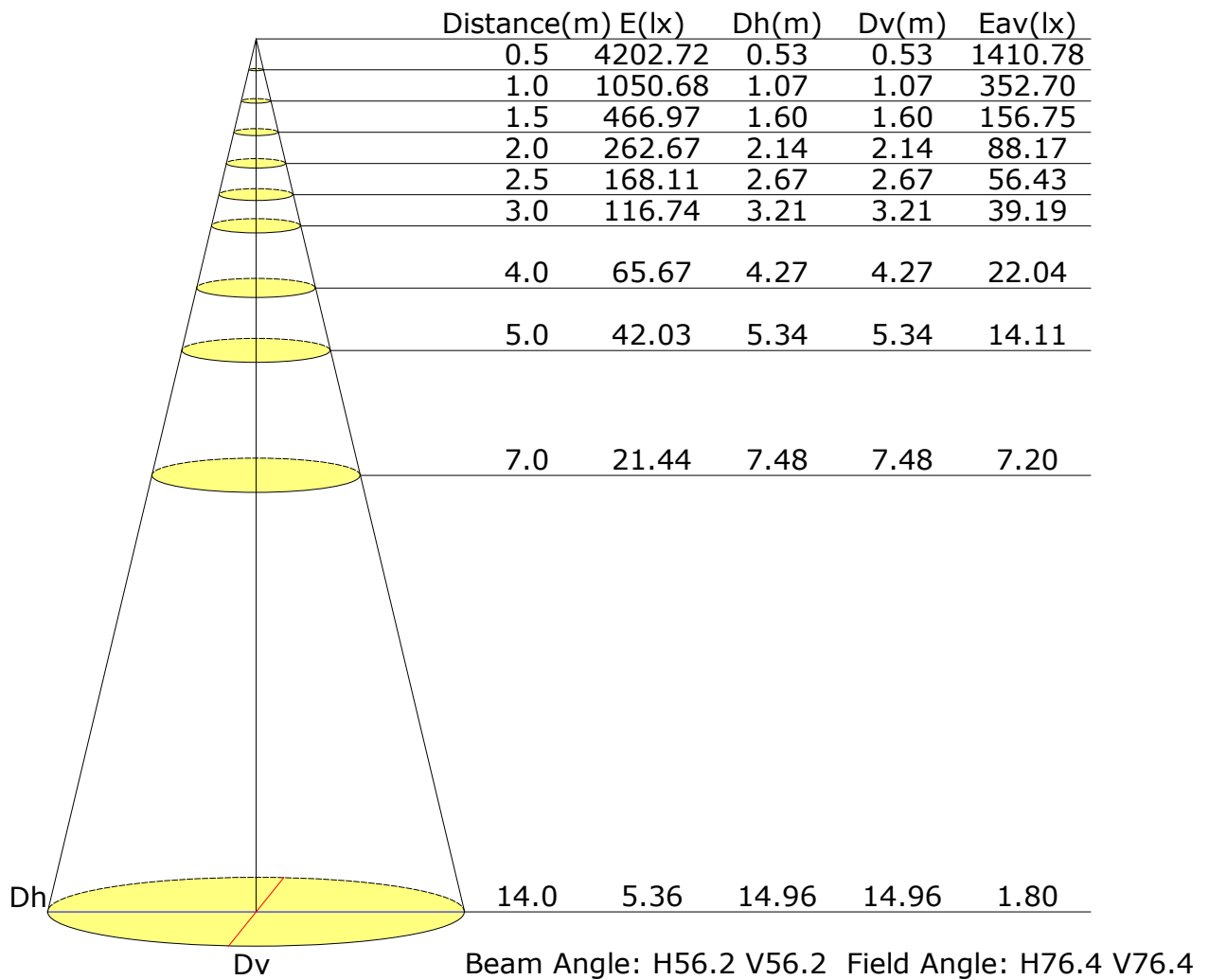
Test Device: CHL-6E

Distance: 3.000 m

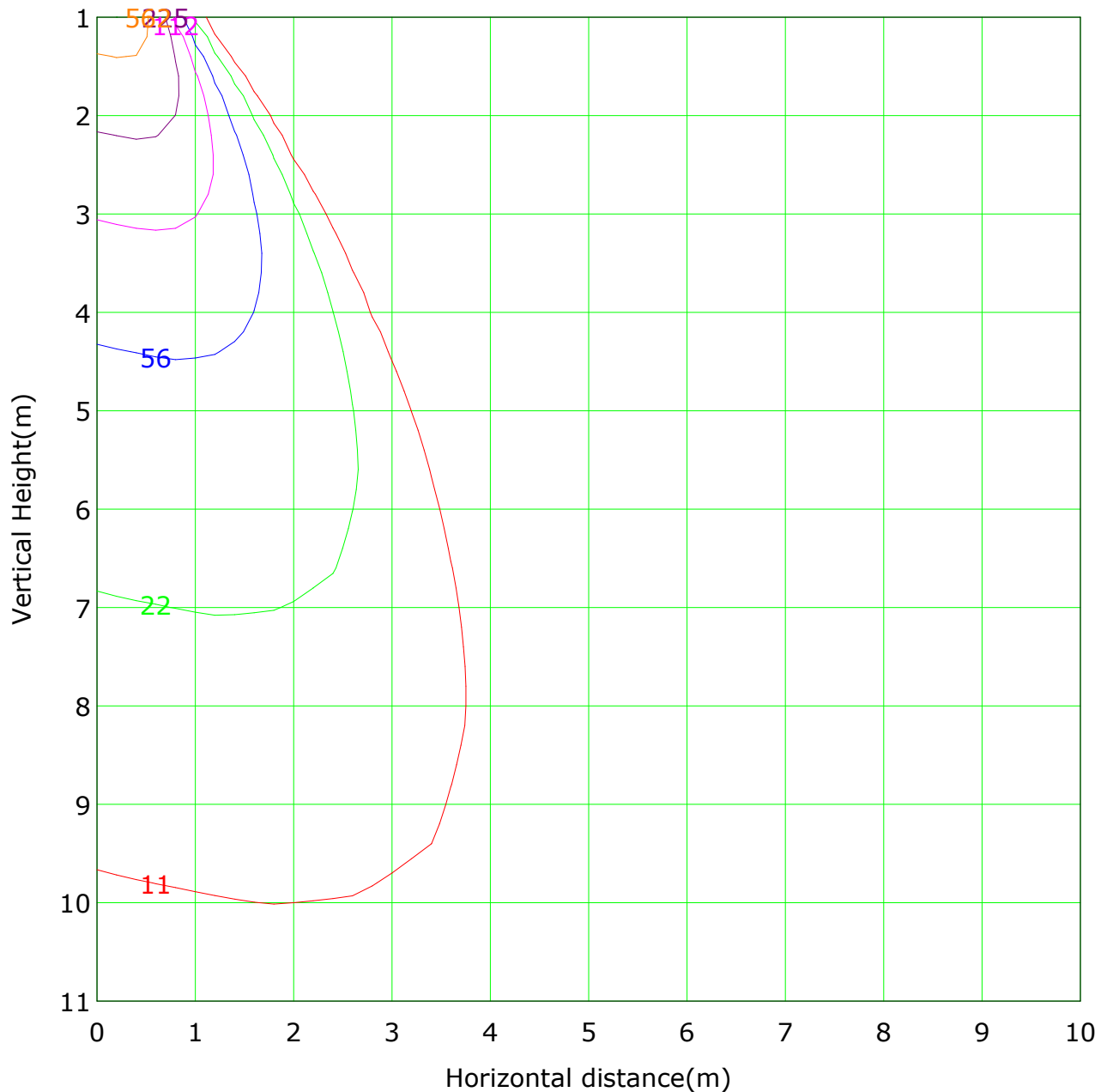
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

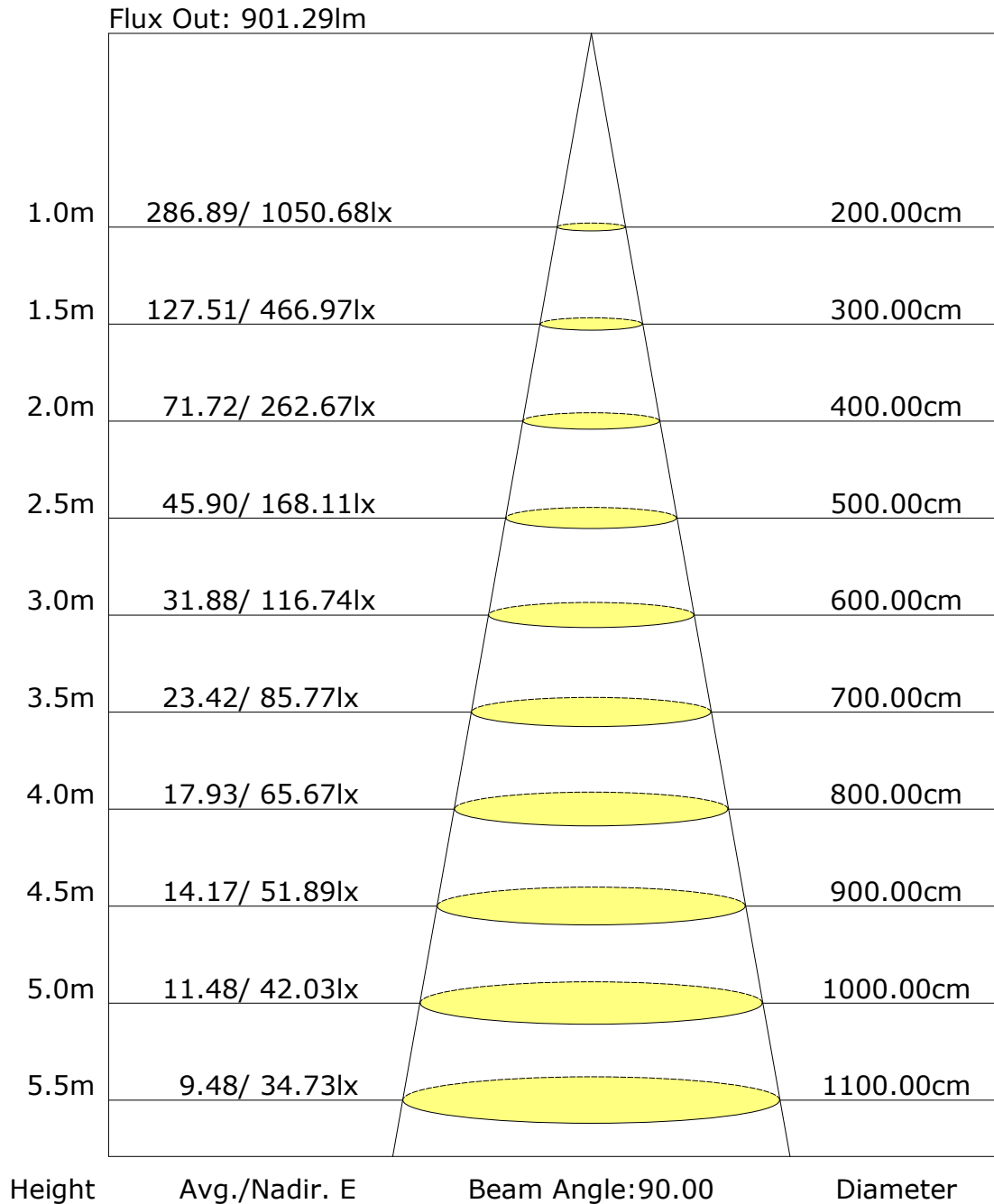


Lowest(m): 1m Highest(m): 11 Max Lux: 1125	
(1%): 11 lx	(2%): 22 lx
(5%): 56 lx	(10%): 112 lx
(20%): 225 lx	(50%): 562 lx
(100%): 1125 lx	

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: