

Report No.: 93.08411 ADJ Surface Mounted I Test Time: 2023-09-28 11:53

Luminaire Property

Luminaire Category: Bridgelux V8第八代 4000K CRI90

Voltage: 226.8 V

Current: 0.116 A

Power: 14.00 W

Power Factor: 0.527

Photometric Results

CIE Class: Direct

Measurement Flux: 1243.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H43.7

Vertical Diffuse Angle(50%): V43.7

Luminaire Efficacy Rating (LER): 89

Max. Intensity: 2225.45 cd

Total Rated Lamp Lumens: 1243.1 lm

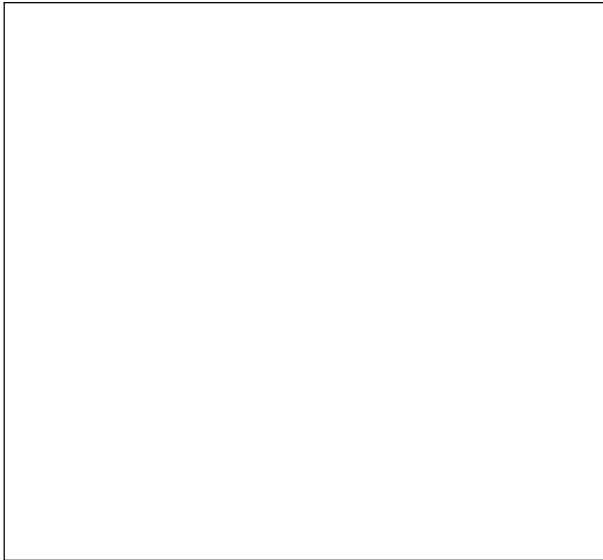
Efficiency: 100%

Upward Ratio: 0%

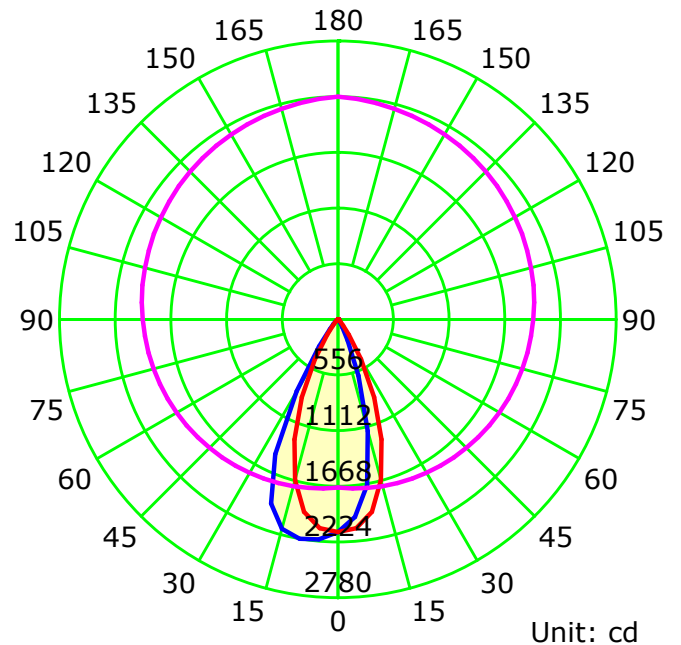
Central Intensity: 2123.96 cd

Pos of Max. Intensity: H180 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

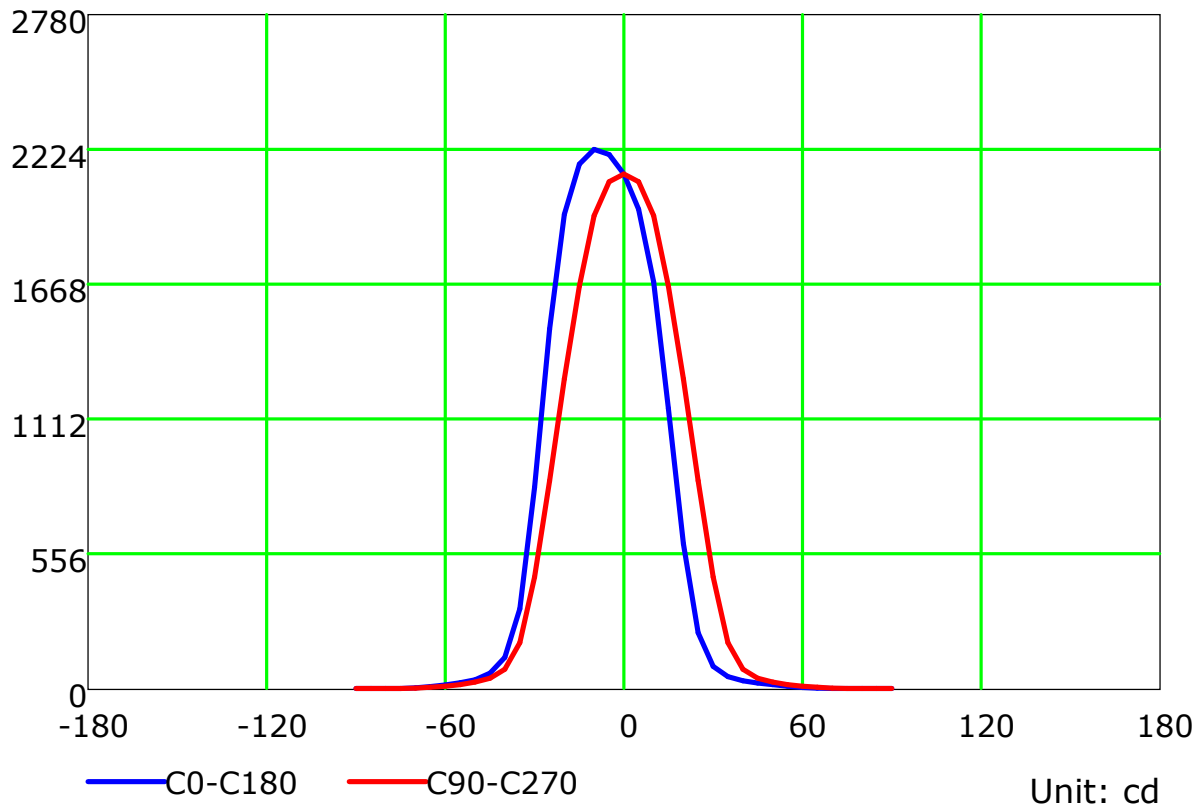
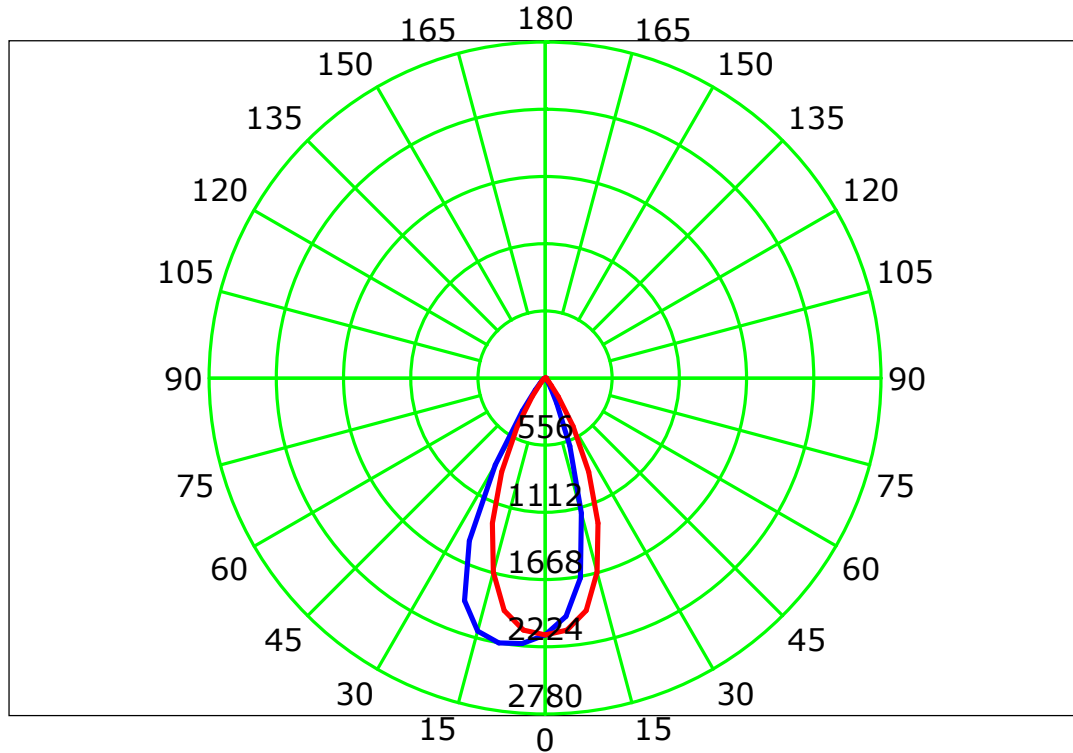
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

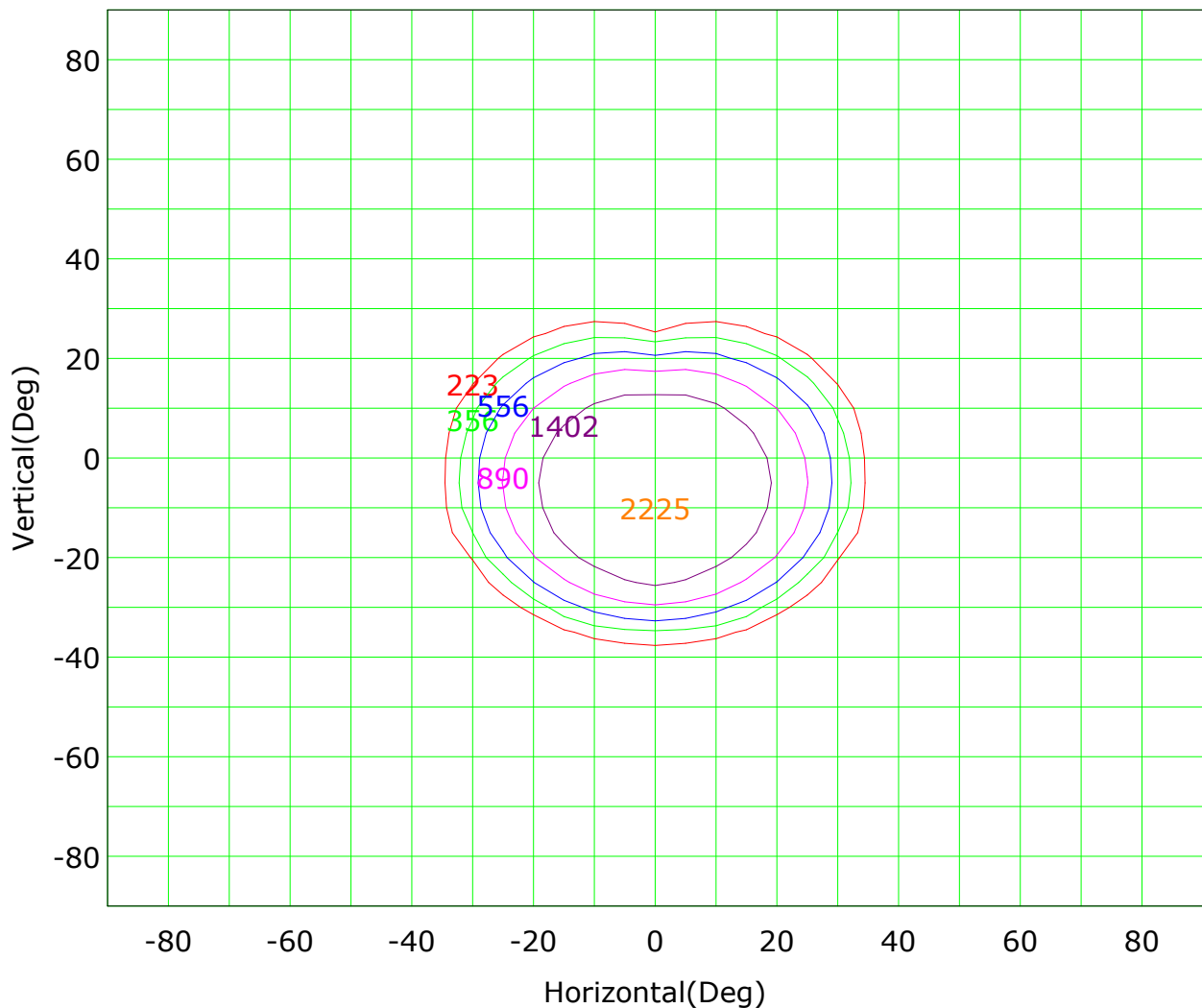
Luminous Intensity Distribution Curve



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%): 2225 cd

(10%): 223 cd	(16%): 356 cd
(25%): 556 cd	(40%): 890 cd
(63%): 1402 cd	(100%): 2225 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

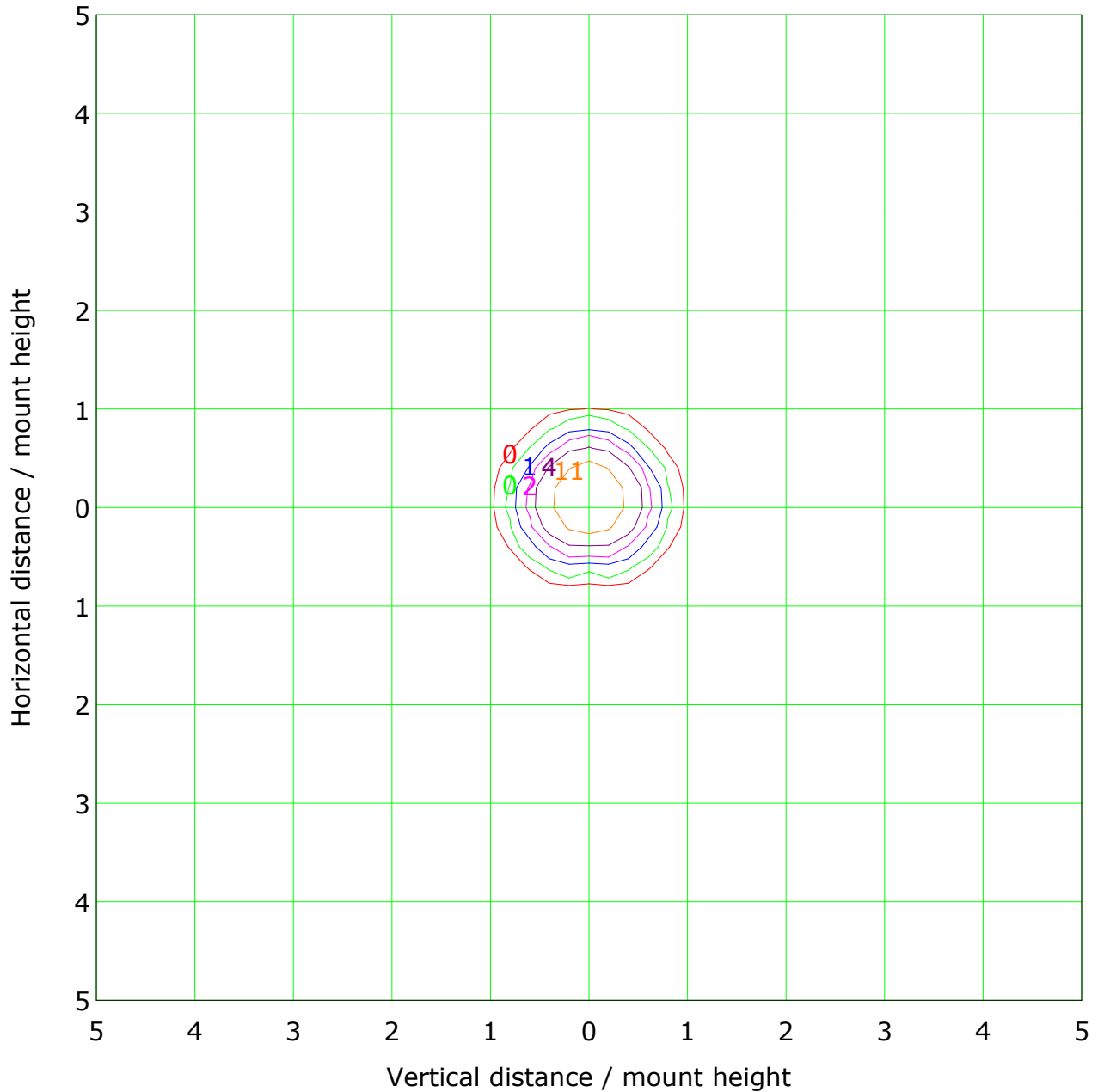
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 22 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	2 lx
— (20%):	4 lx	— (50%):	11 lx
— (100%):	22 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

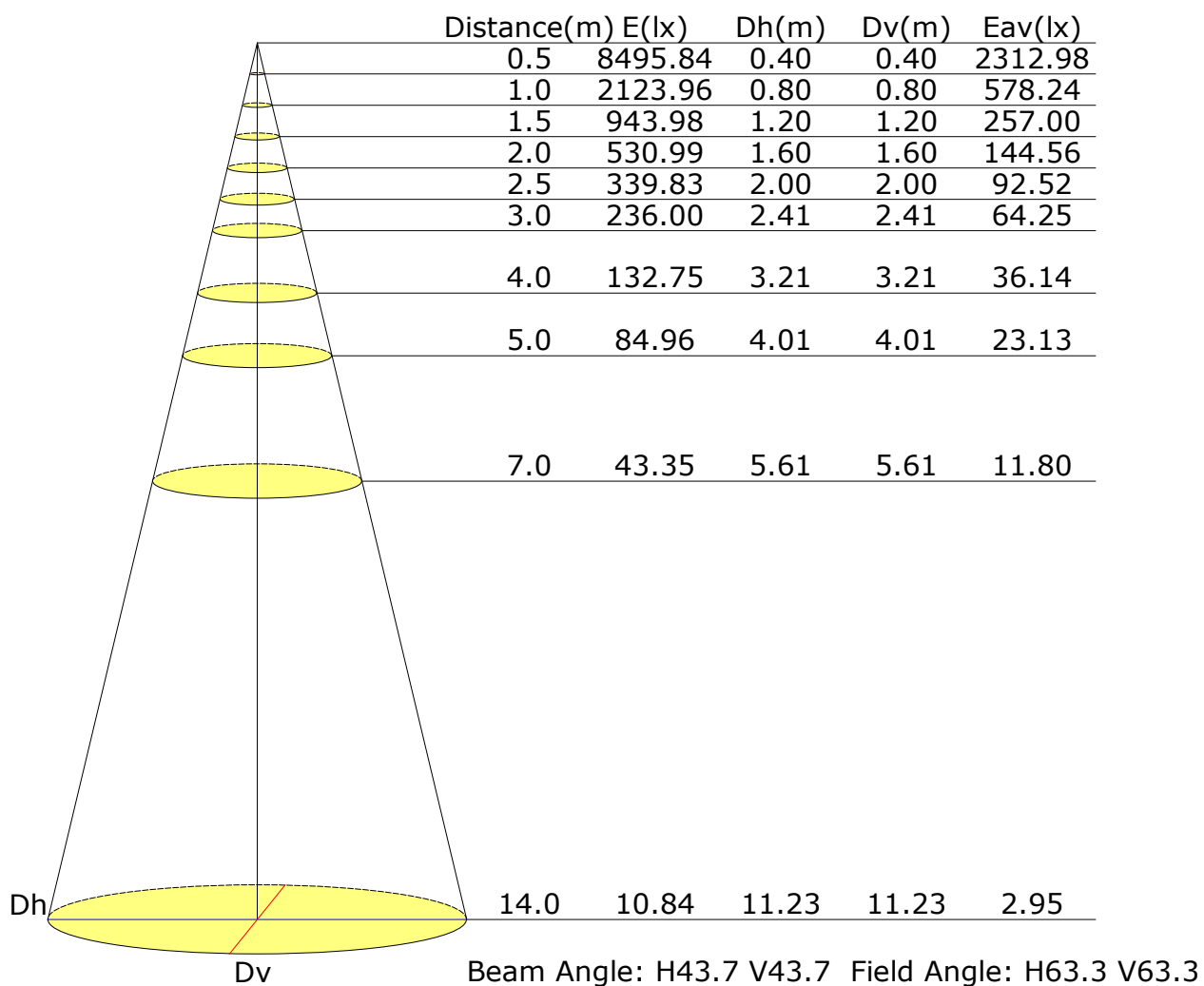
Test Device: CHL-6E

Distance: 3.000 m

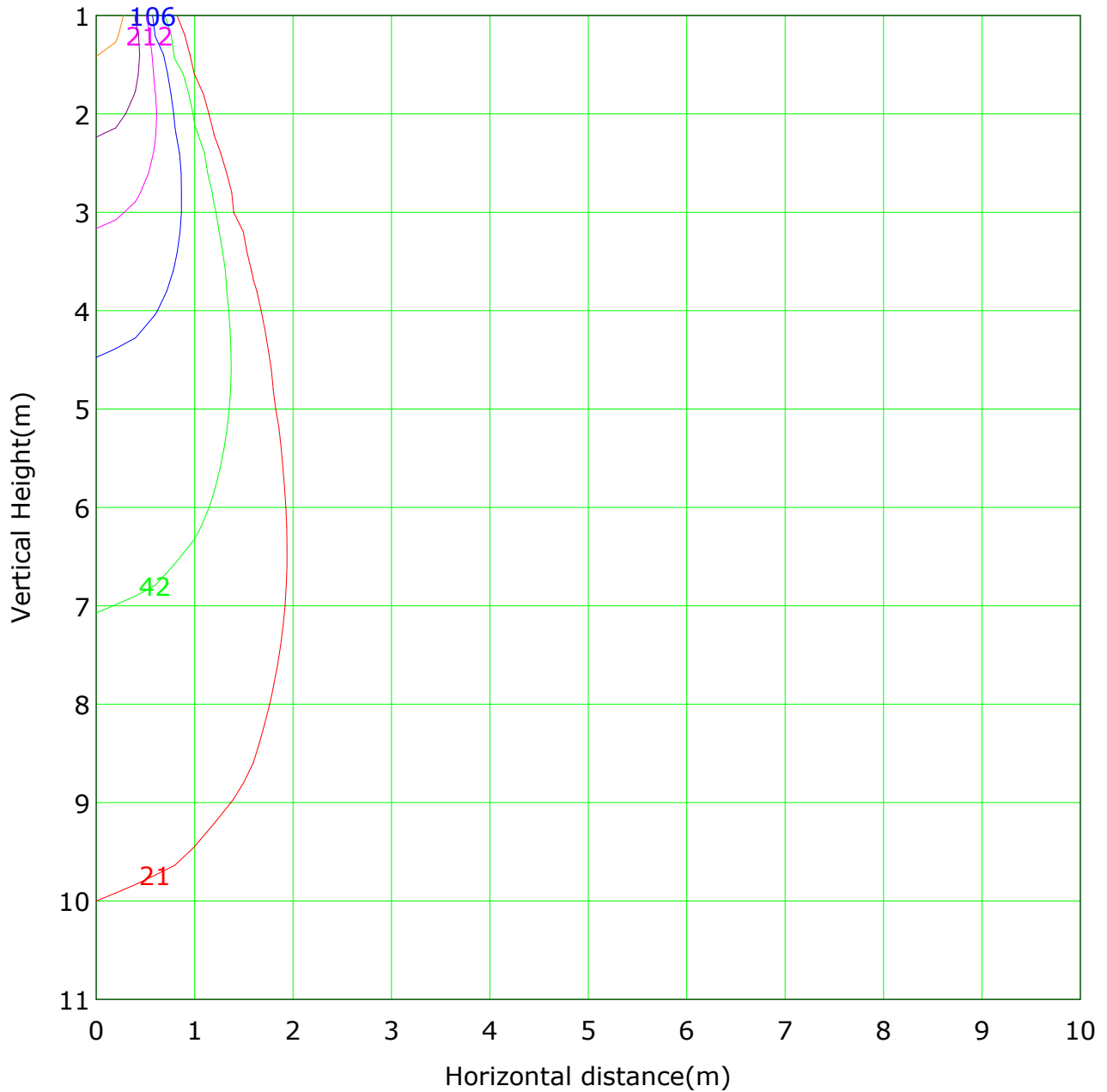
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



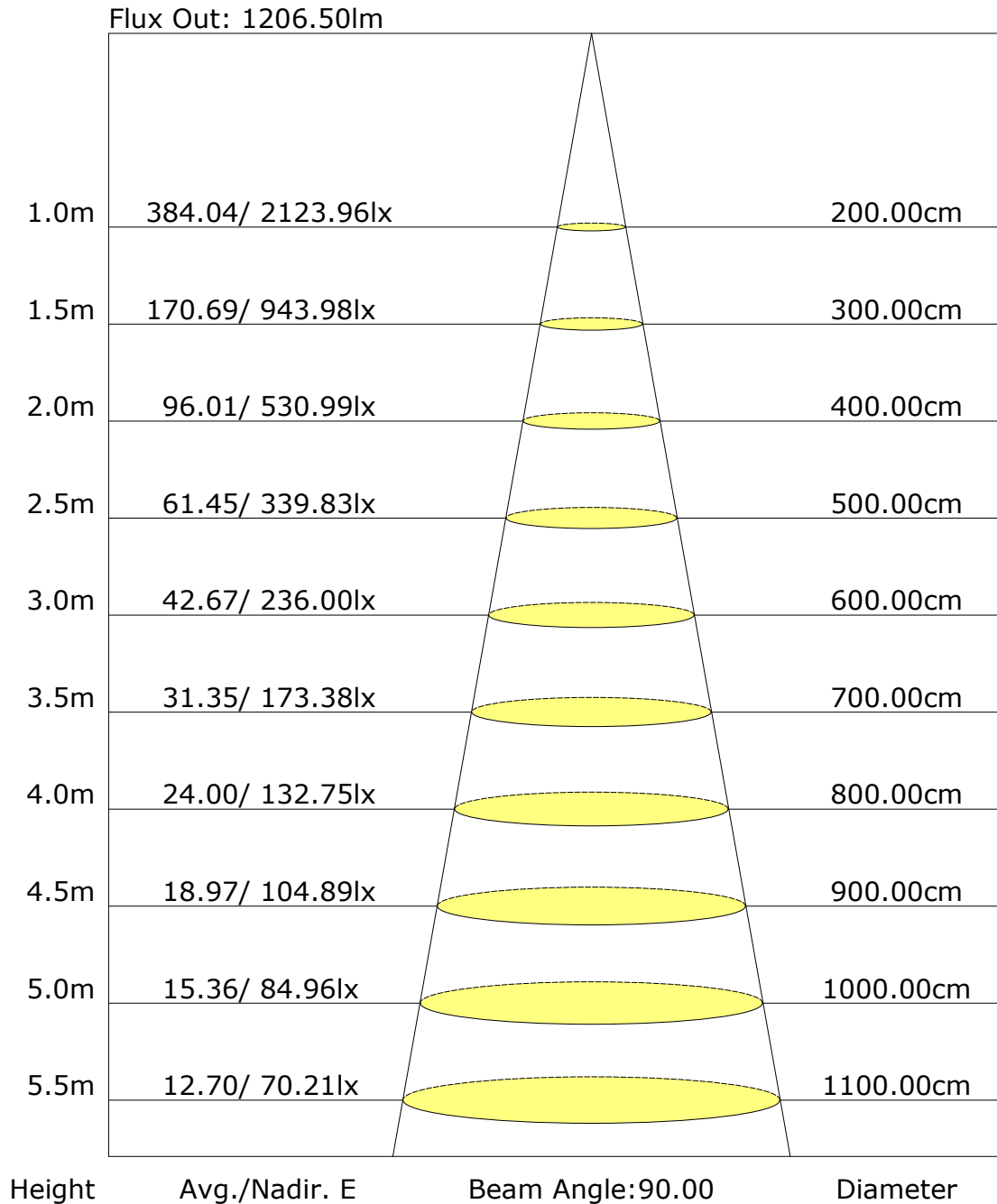
Lowest(m): 1m Highest(m): 11 Max Lux: 2124

(1%): 21 lx	(2%): 42 lx
(5%): 106 lx	(10%): 212 lx
(20%): 425 lx	(50%): 1062 lx
(100%): 2124 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:

Unit: cd

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