

Report No.: 52.08011 ECO Down Light

Test Time: 2023-07-10 19:59

Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Voltage: 215.3 V

Current: 0.111 A

Power: 14.40 W

Power Factor: 0.604

Photometric Results

CIE Class: Direct

Measurement Flux: 1187.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H9

Vertical Diffuse Angle(50%): V9

Luminaire Efficacy Rating (LER): 82

Max. Intensity: 12428.75 cd

Total Rated Lamp Lumens: 1187.5 lm

Efficiency: 100%

Upward Ratio: 0%

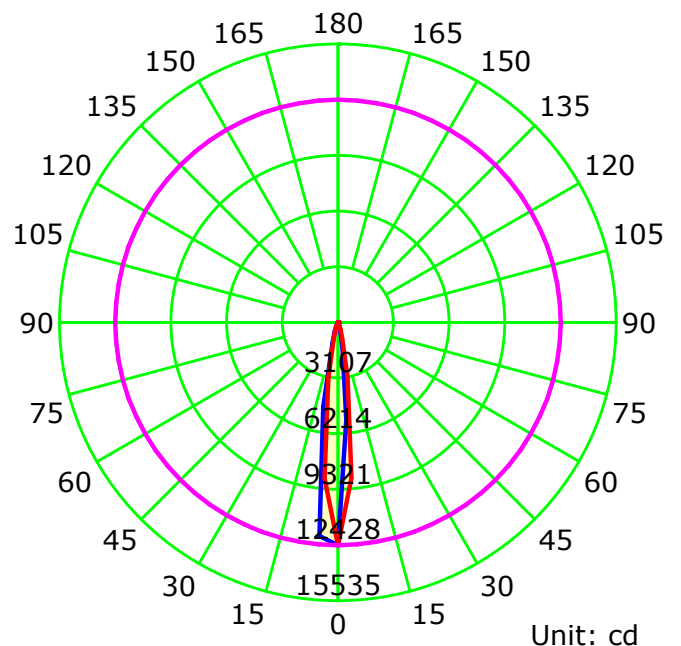
Central Intensity: 12428.74 cd

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

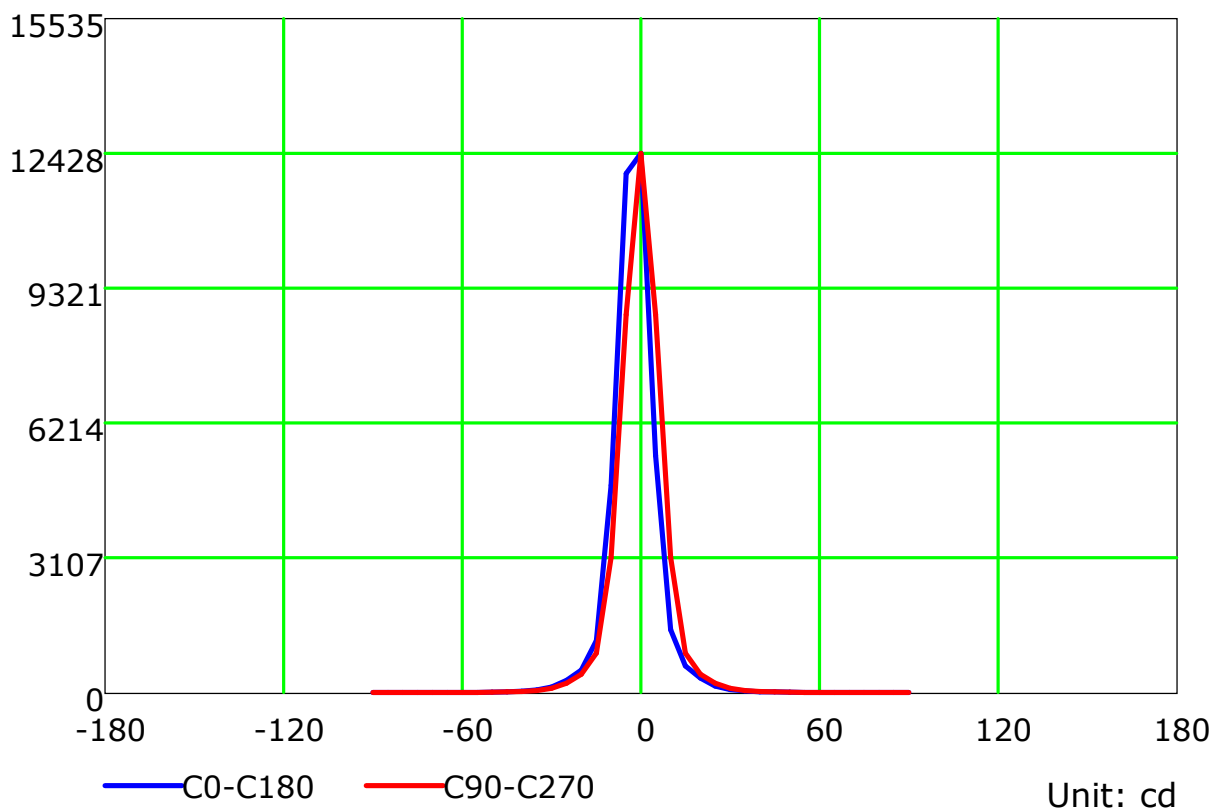
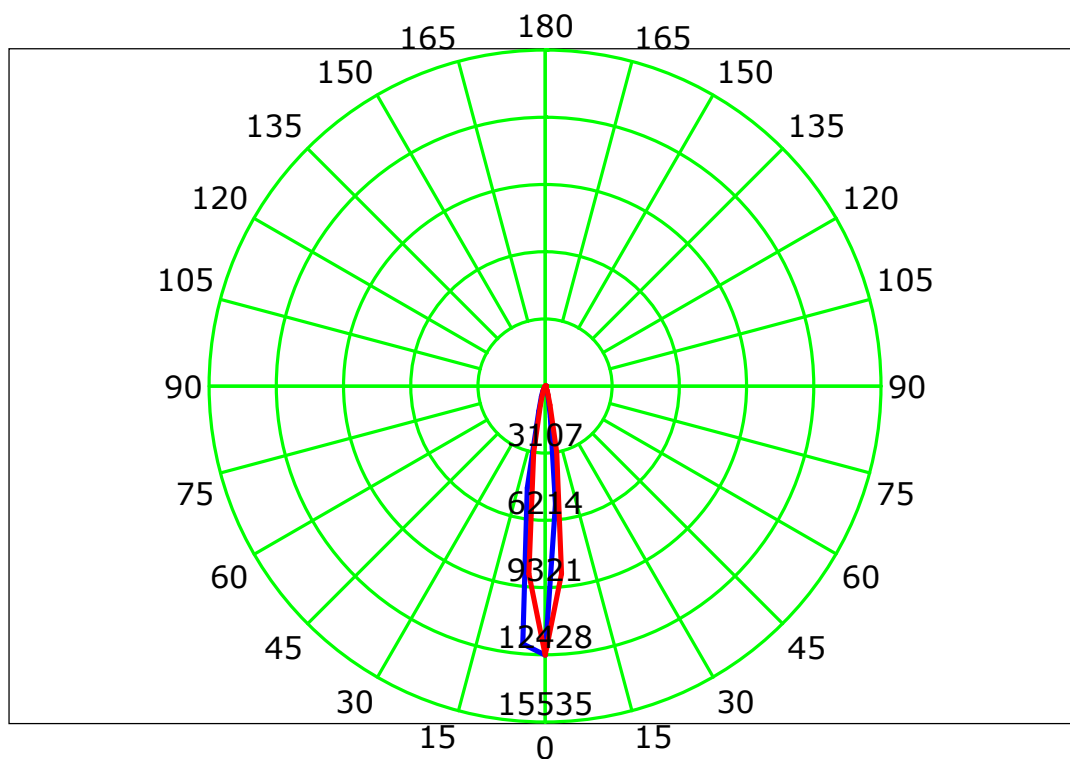
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

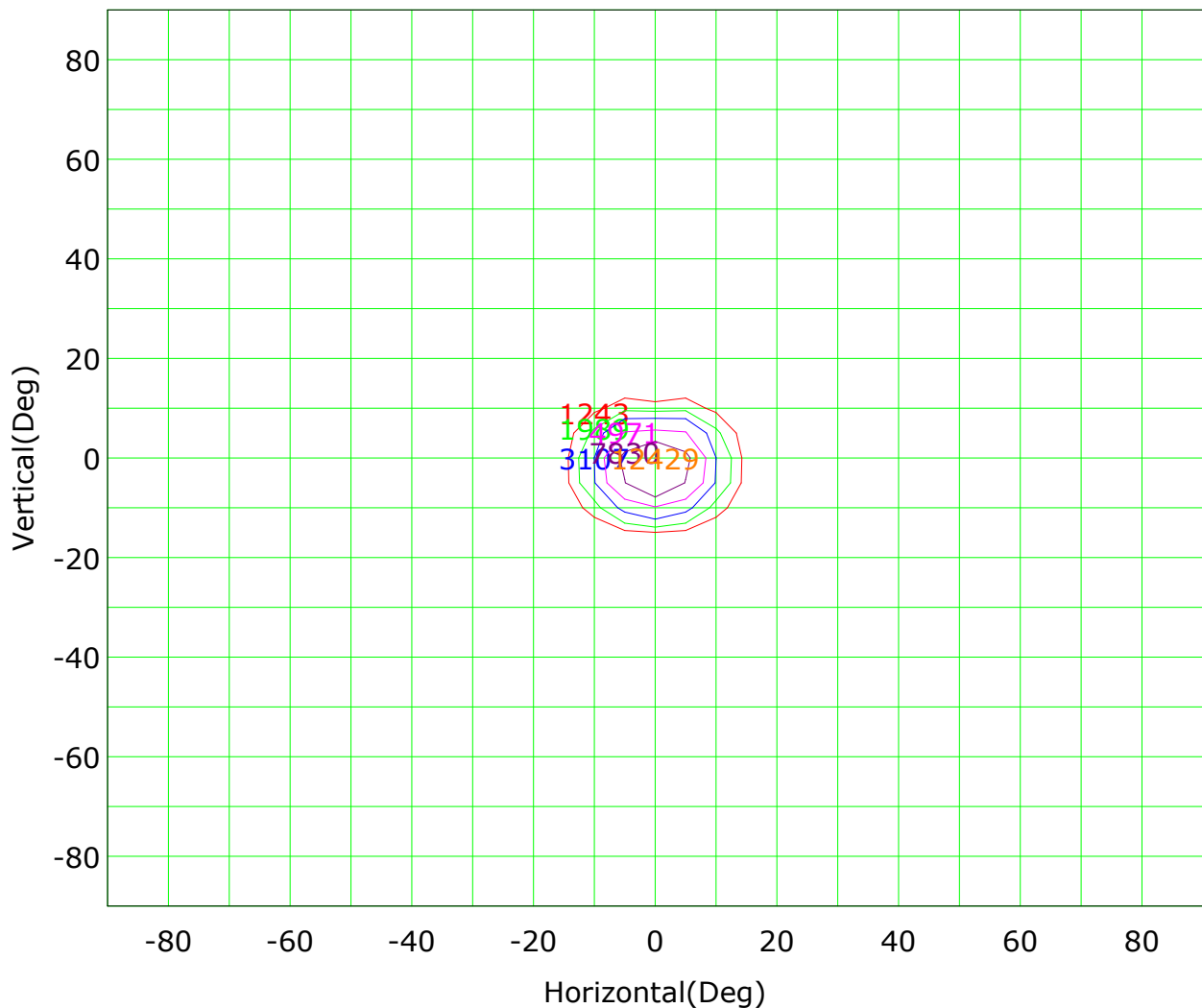
Luminous Intensity Distribution Curve



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%): 12429 cd

(10%): 1243 cd	(16%): 1989 cd
(25%): 3107 cd	(40%): 4971 cd
(63%): 7830 cd	(100%): 12429 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

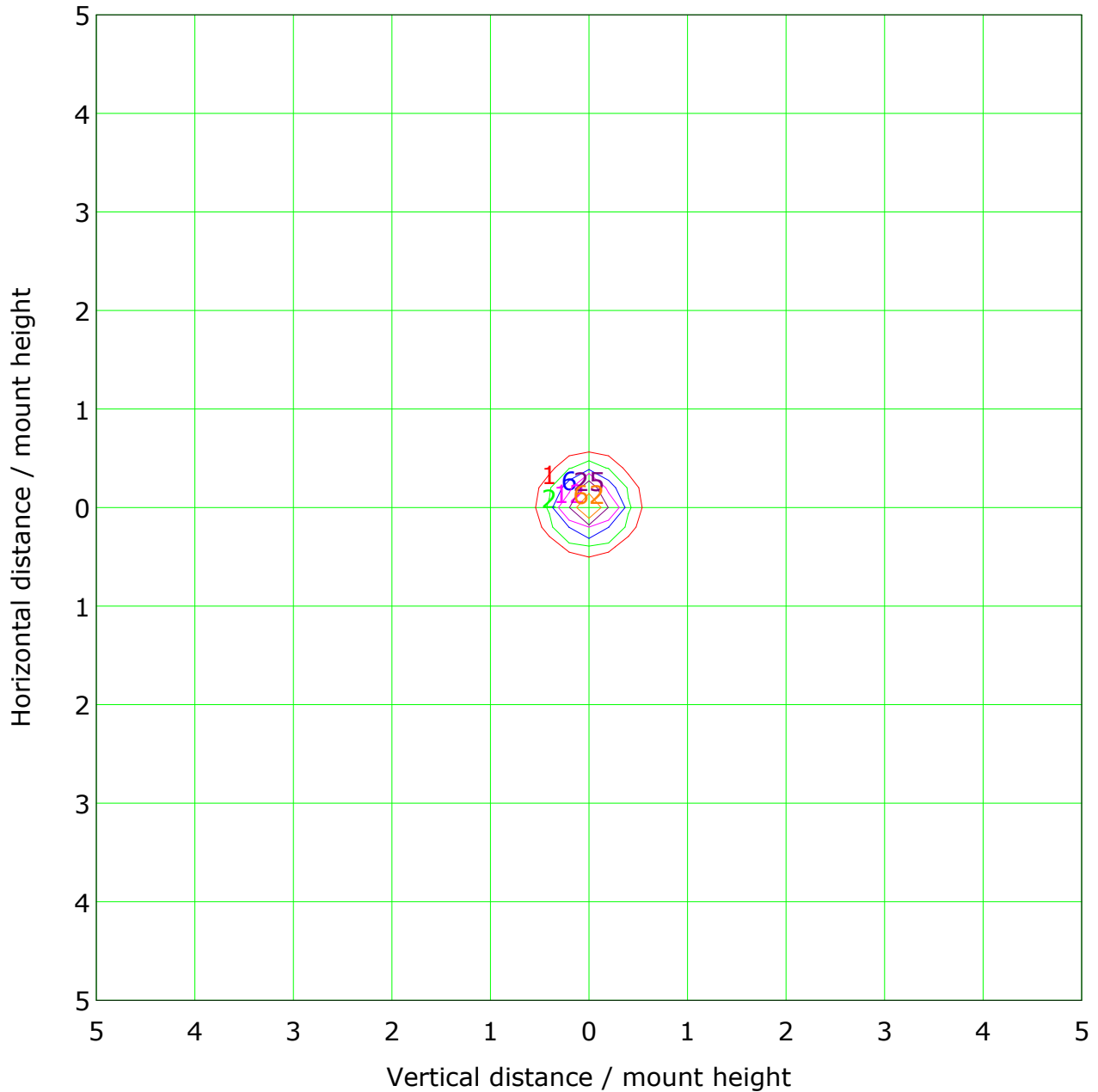
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



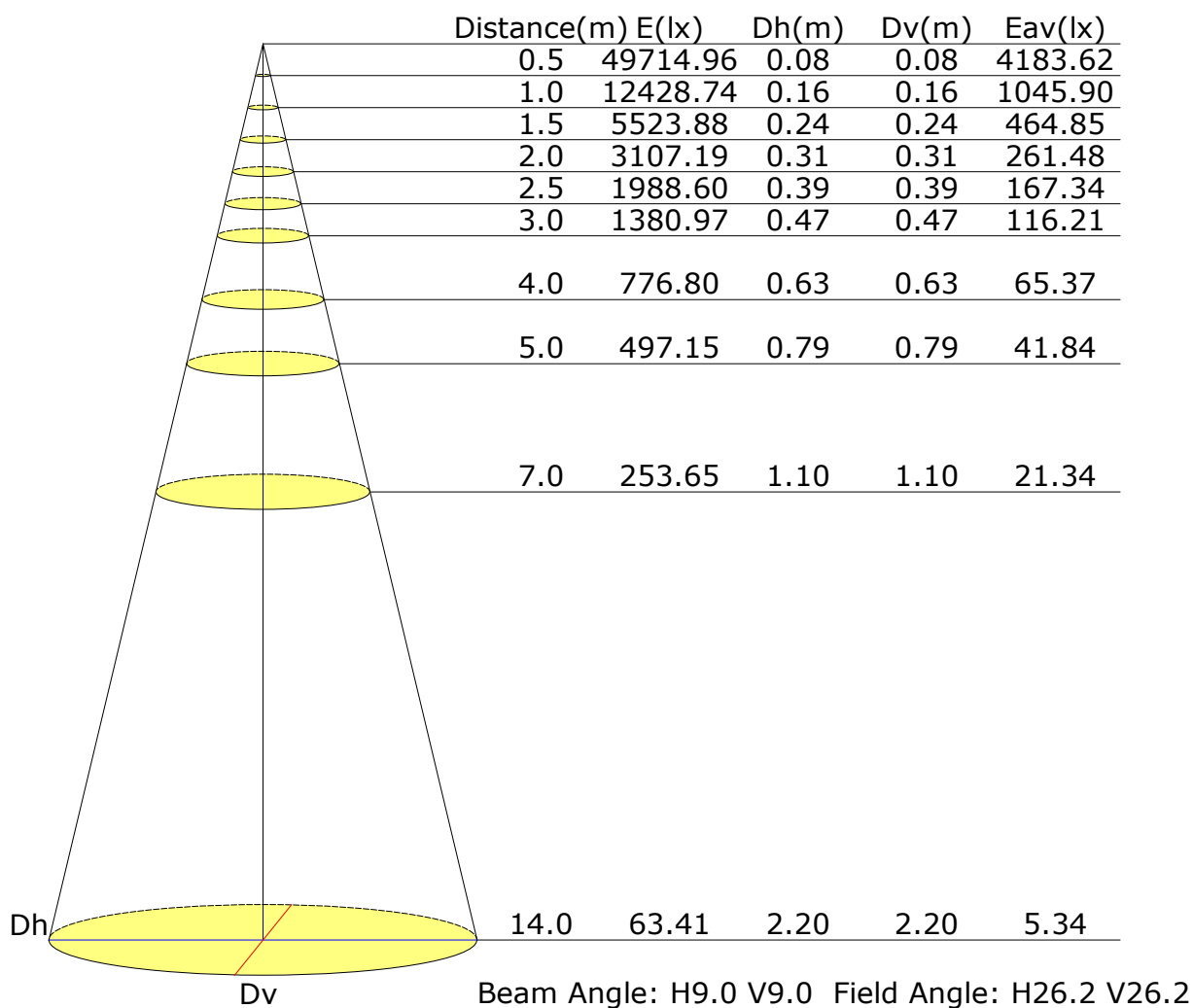
Mounting Height: 10m Max Lux(100%): 124 lx

(1%):	1 lx	(2%):	2 lx
(5%):	6 lx	(10%):	12 lx
(20%):	25 lx	(50%):	62 lx
(100%):	124 lx		

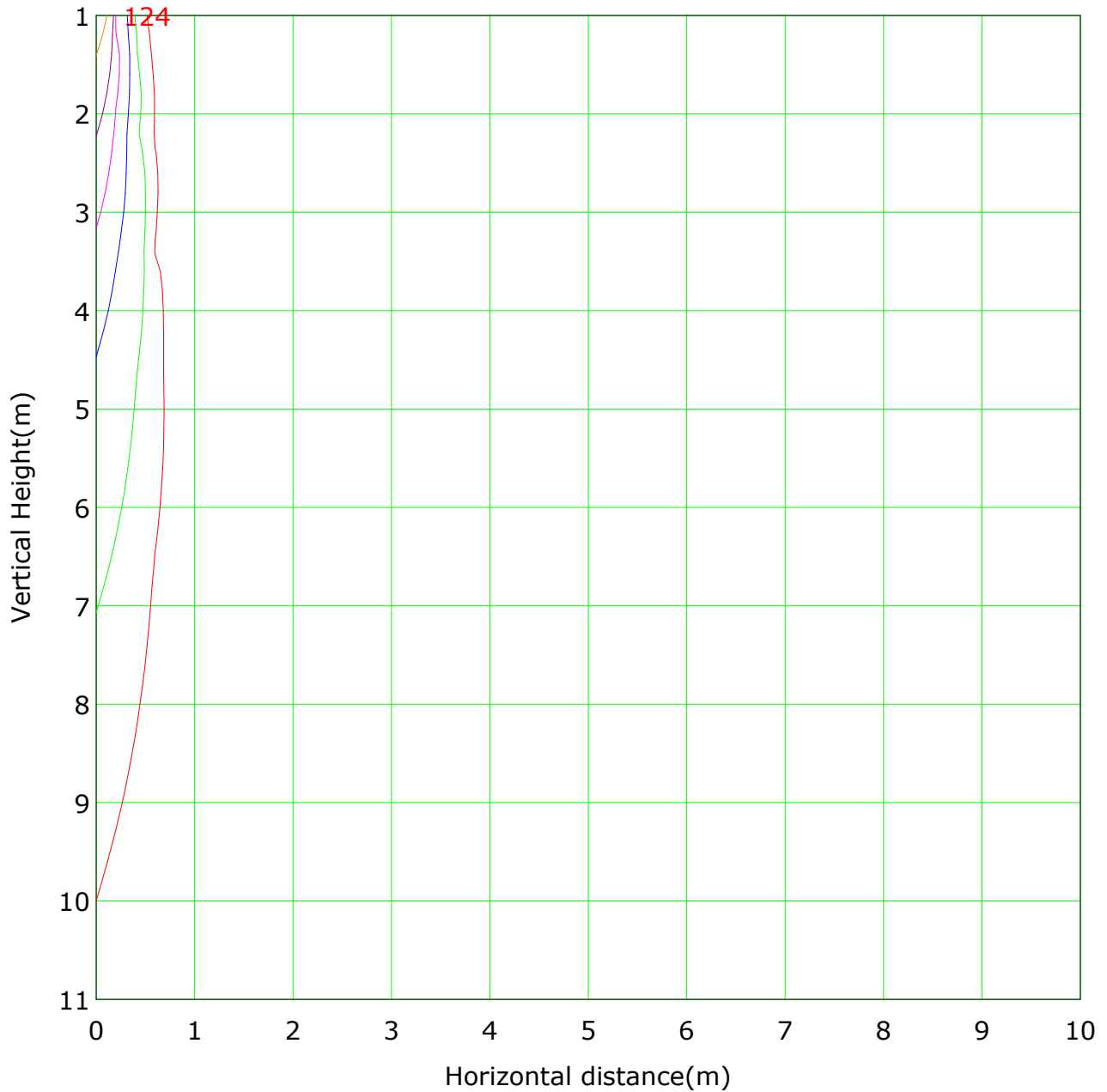
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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: 12429

(1%): 124 lx	(2%): 249 lx
(5%): 621 lx	(10%): 1243 lx
(20%): 2486 lx	(50%): 6214 lx
(100%): 12429 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

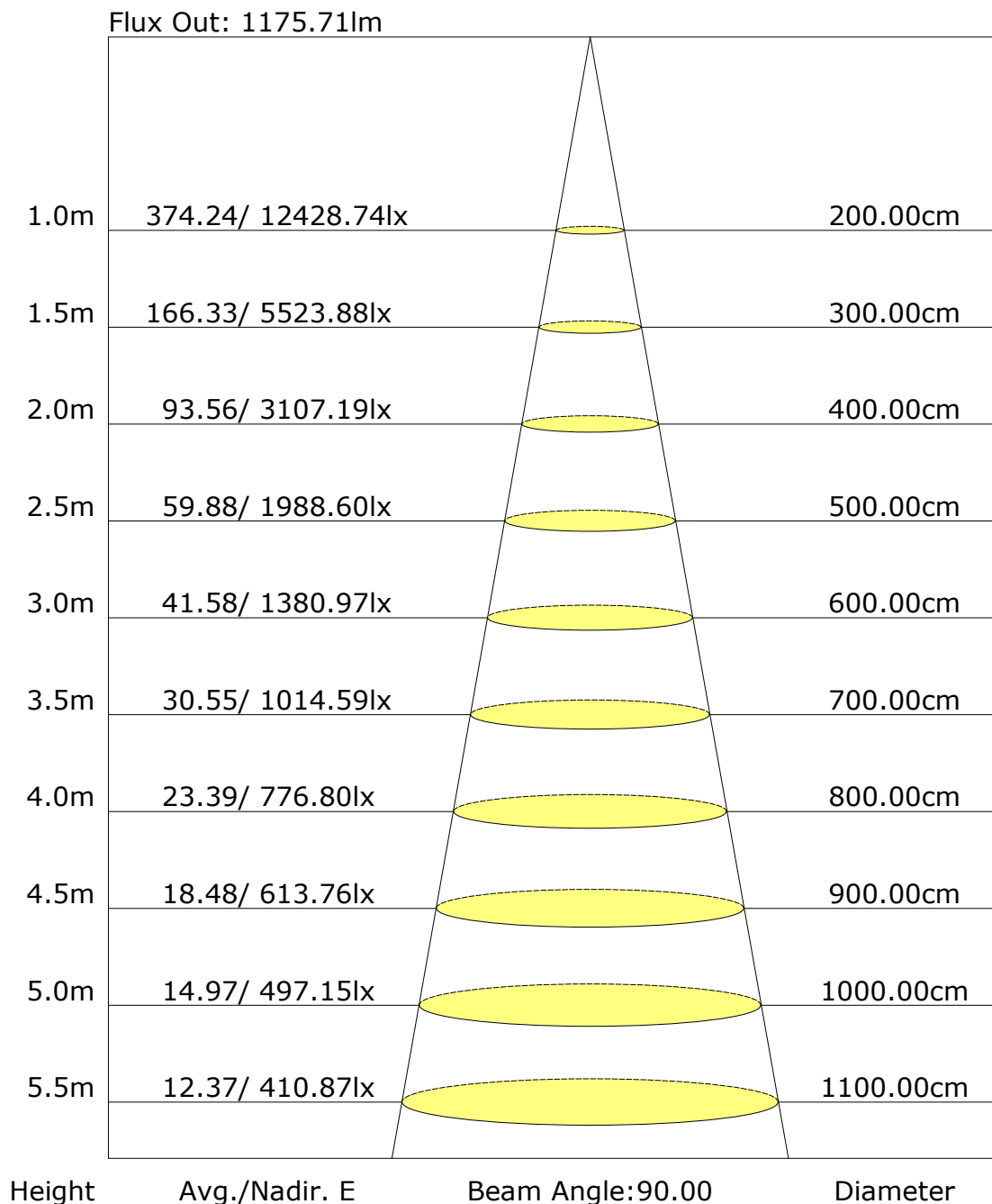
Test Device: CHL-6E

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:

Zonal Lumen

[illegible]

Inspector:

Candlepower Table

Unit: cd

[illegible]

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: