

Report No.: 51.03516 PURE Downlight

Test Time: 2023-06-03 11:23

Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90

Luminaire Description: 28D

Current: 0.046 A

Power Factor: 0.649

Voltage: 214.5 V

Power: 6.50 W

Photometric Results

CIE Class: Direct

Measurement Flux: 257 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H27.8

Vertical Diffuse Angle(50%): V27.8

Luminaire Efficacy Rating (LER): 40

Max. Intensity: 842.87 cd

Total Rated Lamp Lumens: 257.0 lm

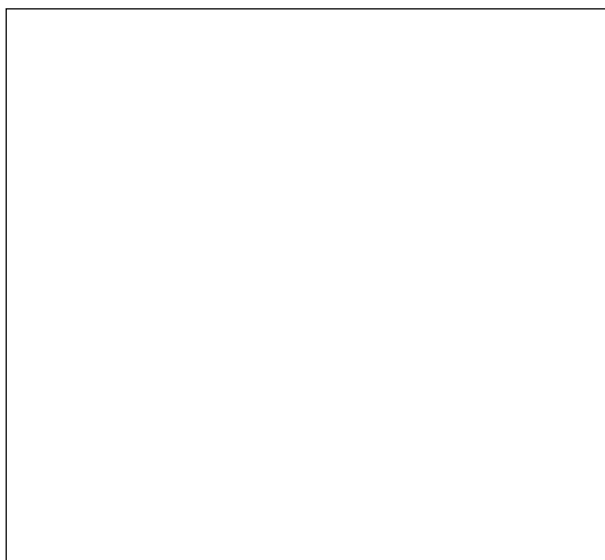
Efficiency: 100%

Upward Ratio: 0%

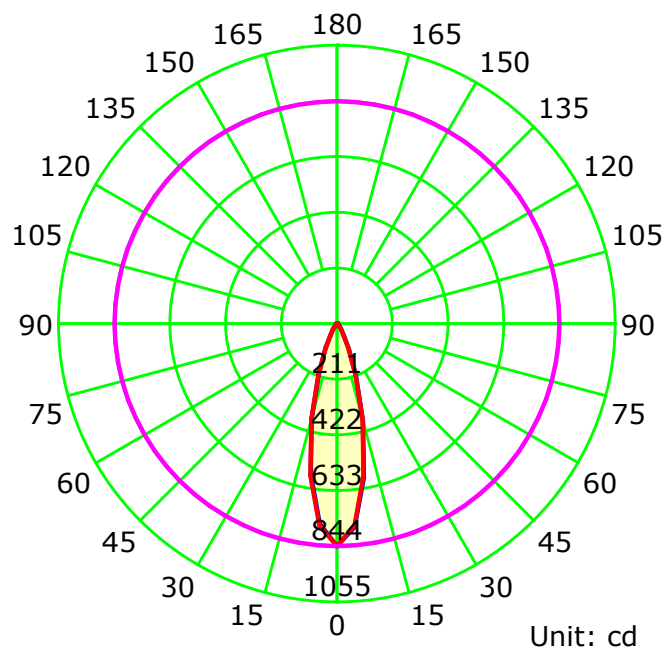
Central Intensity: 842.87 cd

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

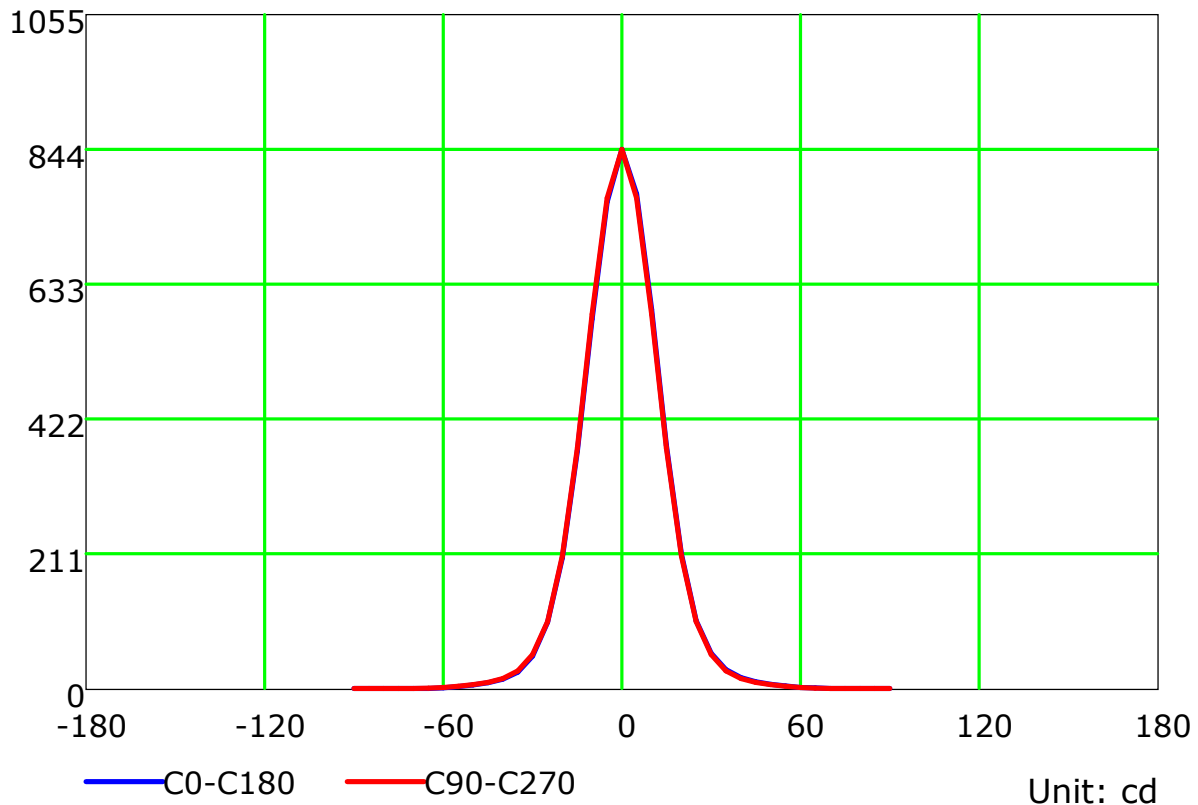
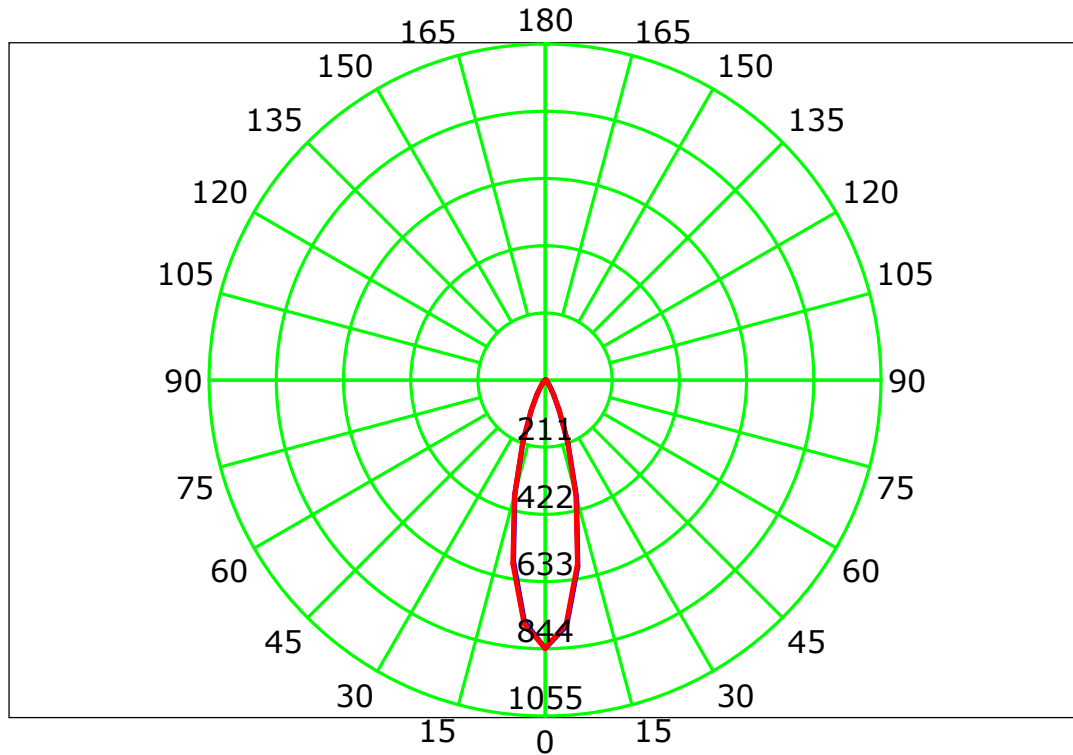
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

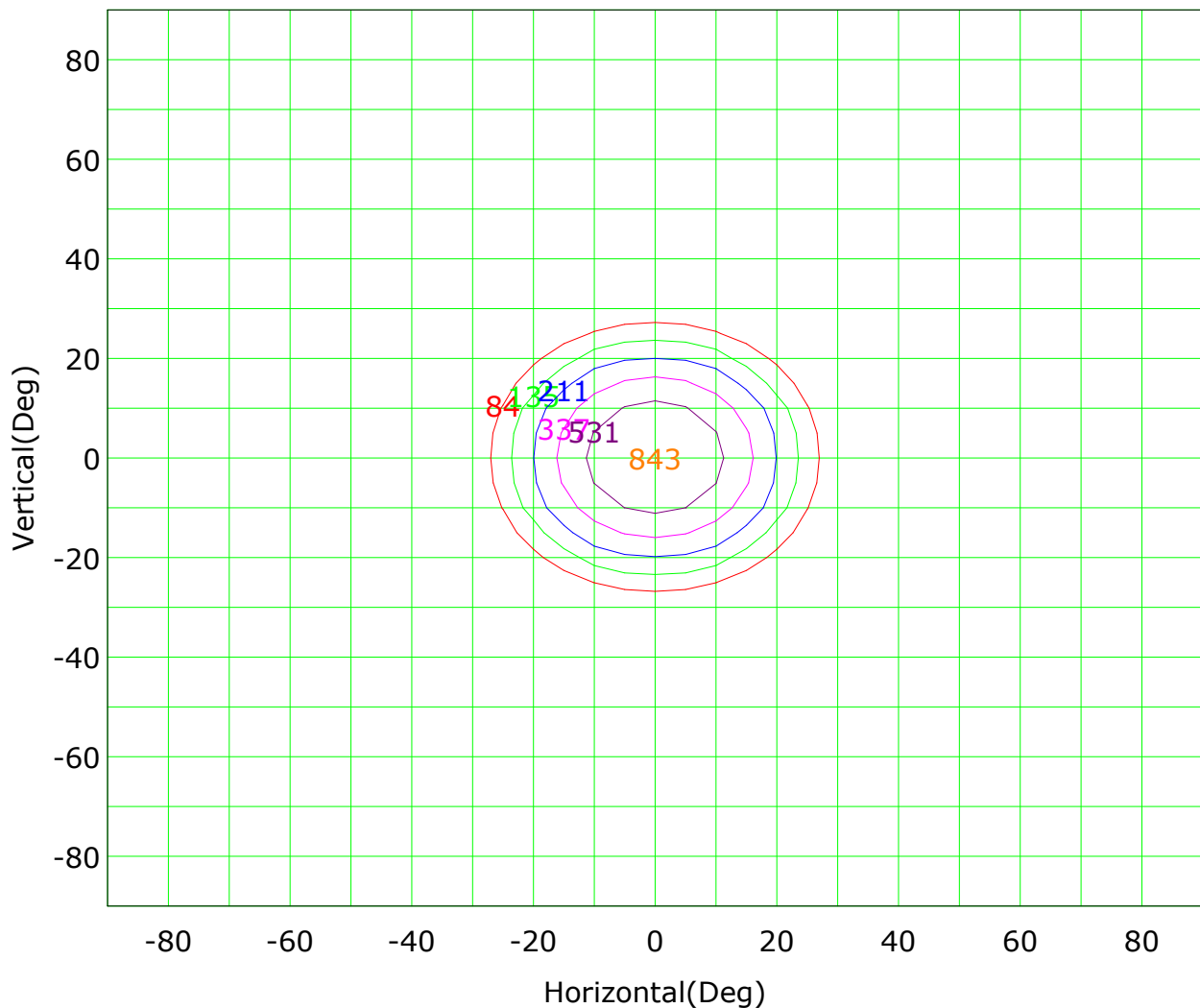
Luminous Intensity Distribution Curve



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%): 843 cd

(10%):	84 cd	(16%):	135 cd
(25%):	211 cd	(40%):	337 cd
(63%):	531 cd	(100%):	843 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

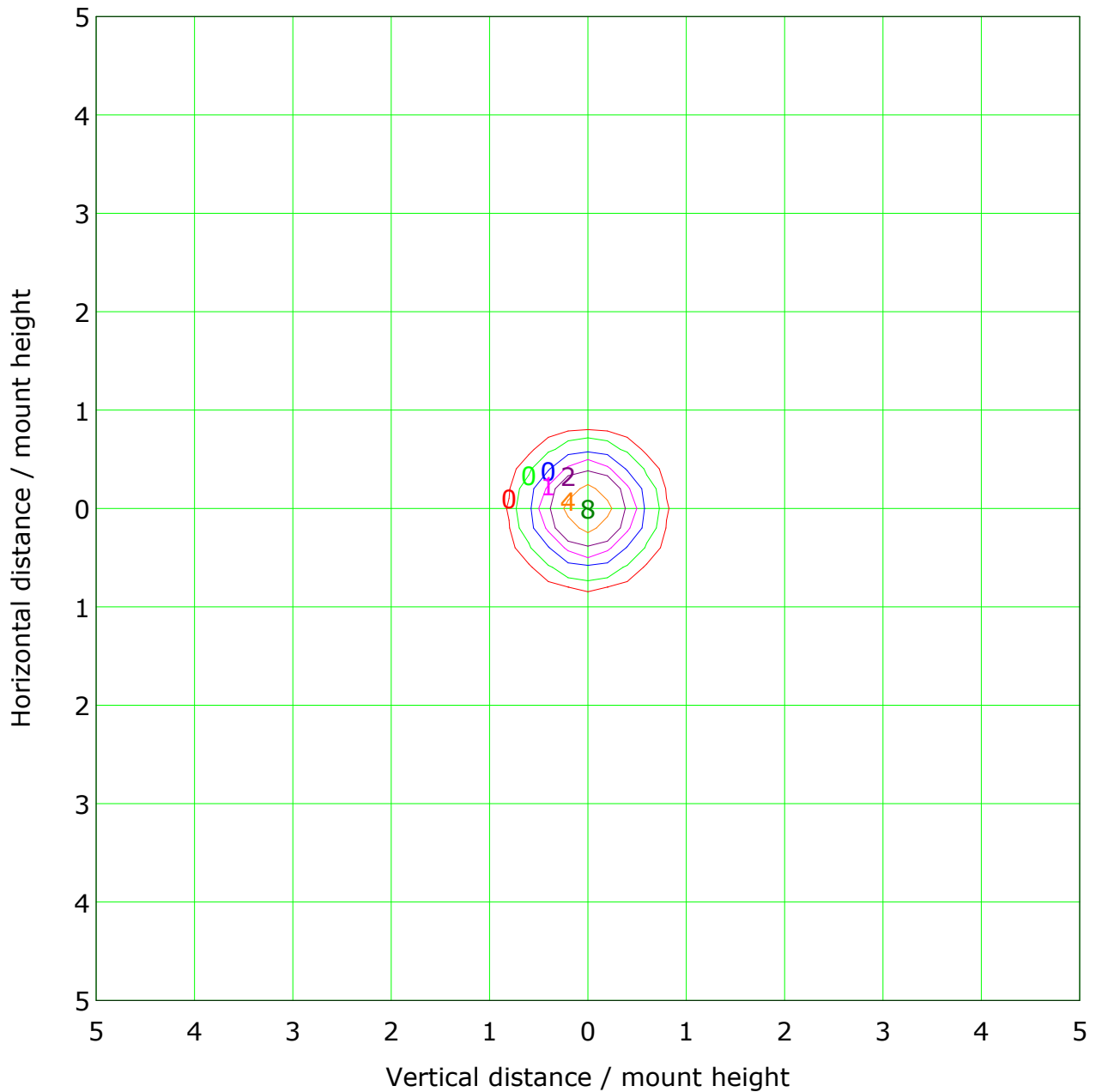
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 8 lx

(1%): 0 lx	(2%): 0 lx
(5%): 0 lx	(10%): 1 lx
(20%): 2 lx	(50%): 4 lx
(100%): 8 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

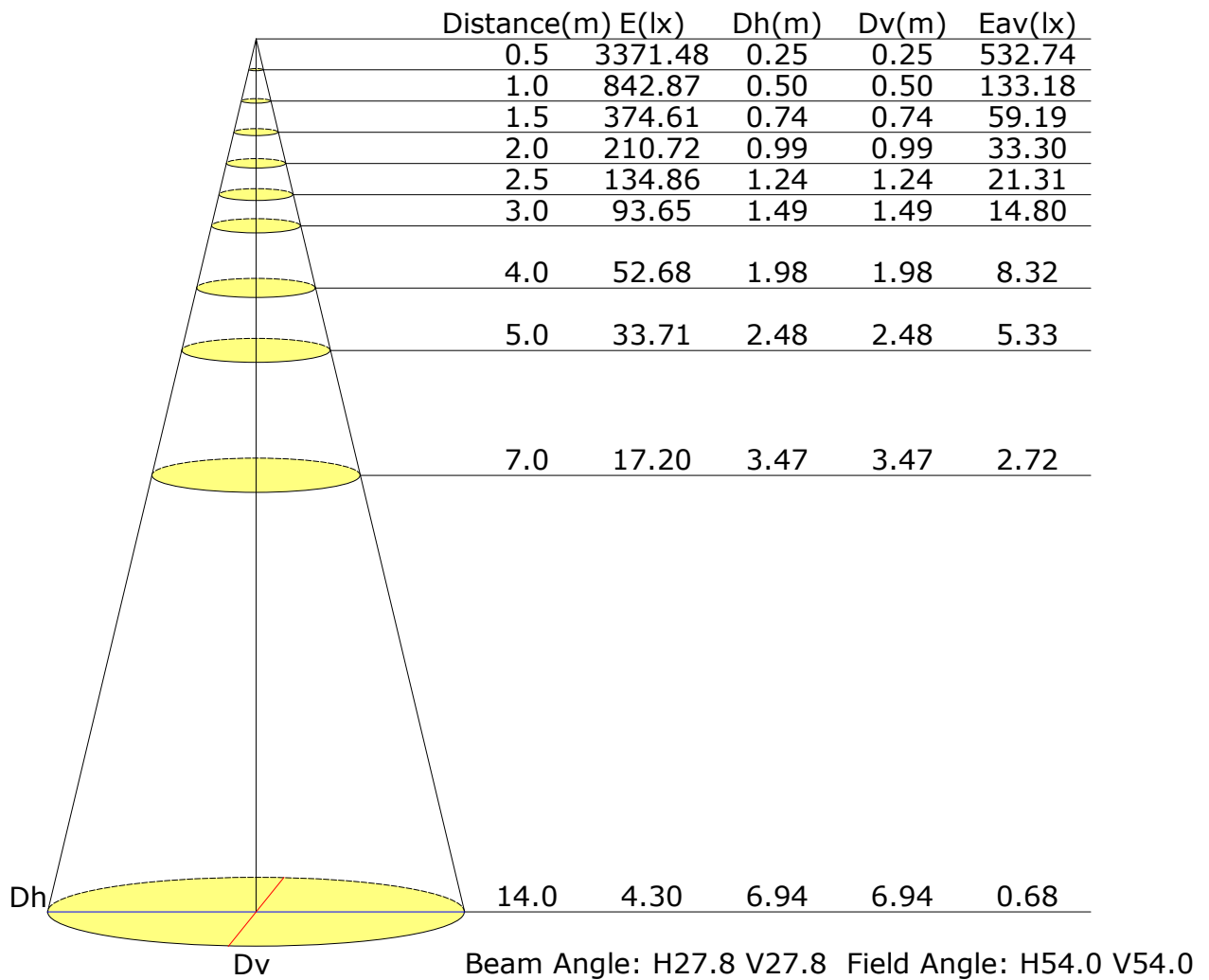
Test Device: CHL-6E

Distance: 3.000 m

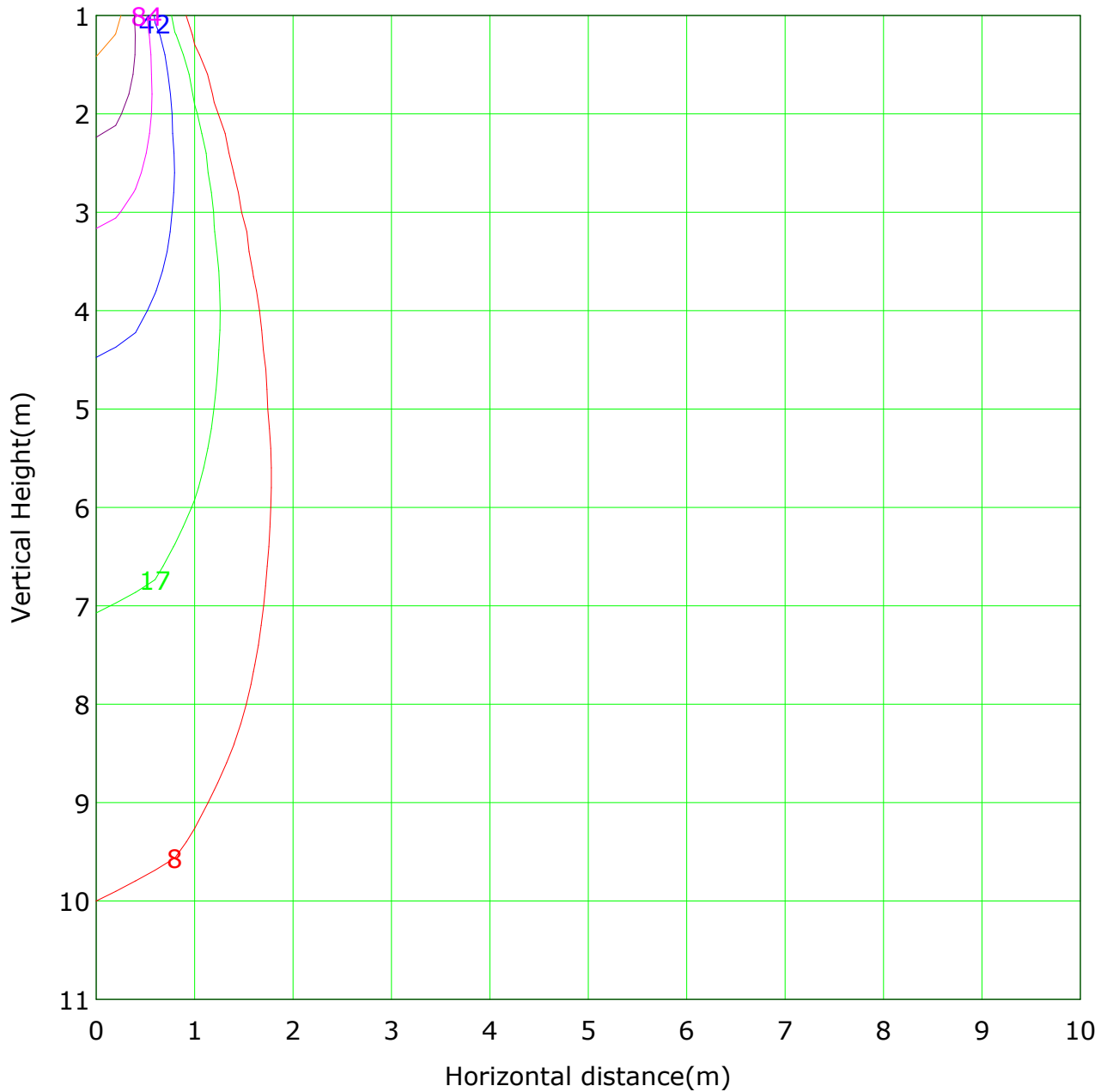
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

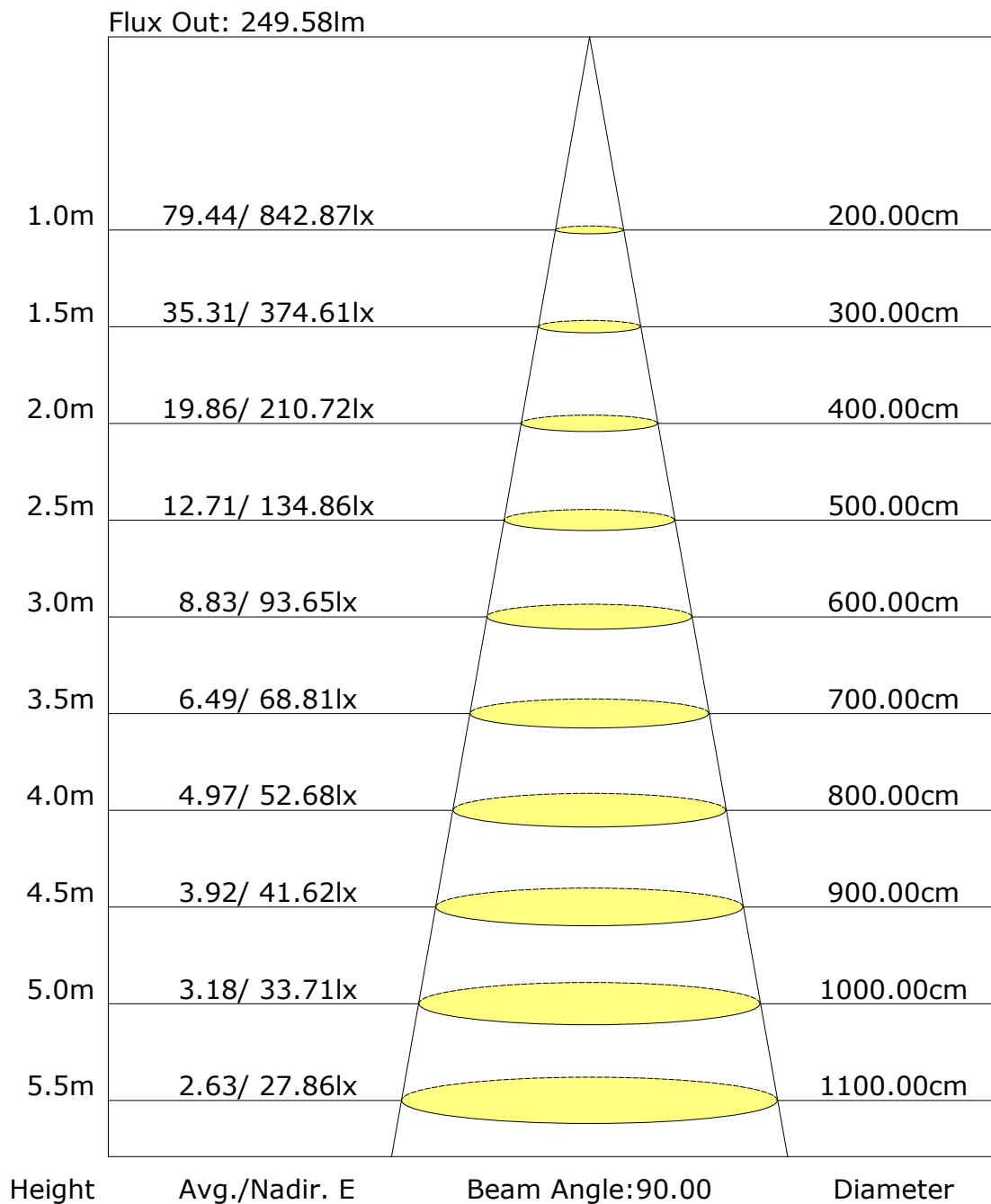


Lowest(m): 1m Highest(m): 11 Max Lux: 843	
(1%): 8 lx	(2%): 17 lx
(5%): 42 lx	(10%): 84 lx
(20%): 169 lx	(50%): 421 lx
(100%): 843 lx	

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: