

Report No.: 56.03511 Recessed Downlight Test Time: 2023-07-01 20:52

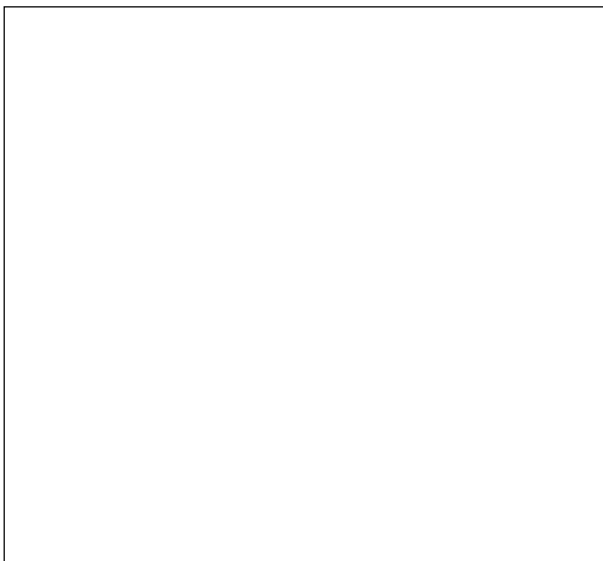
Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90
Luminaire Description: 50D
Current: 0.033 A
Power Factor: 0.701
Voltage: 218.0 V
Power: 5.00 W

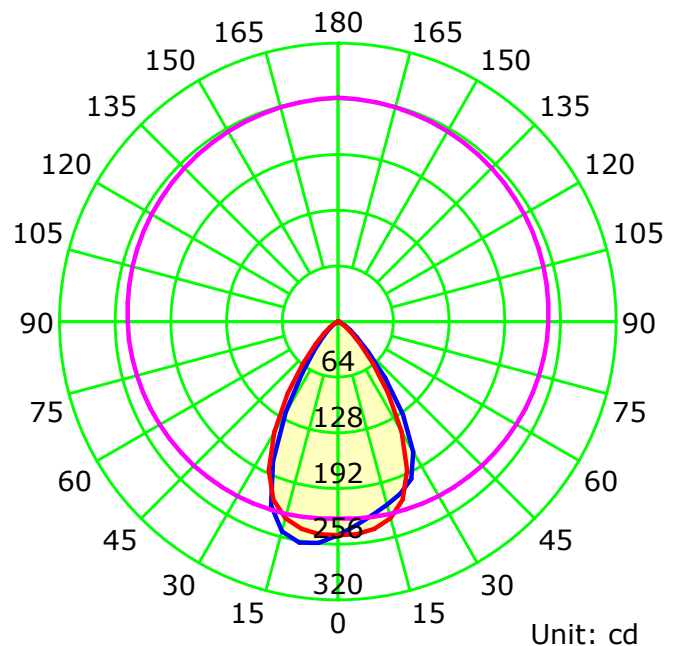
Photometric Results

CIE Class: Direct
Measurement Flux: 282.4 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H65
Vertical Diffuse Angle(50%): V65
Luminaire Efficacy Rating (LER): 56
Max. Intensity: 257.8 cd
Total Rated Lamp Lumens: 282.4 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 245.59 cd
Pos of Max. Intensity: H180 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve

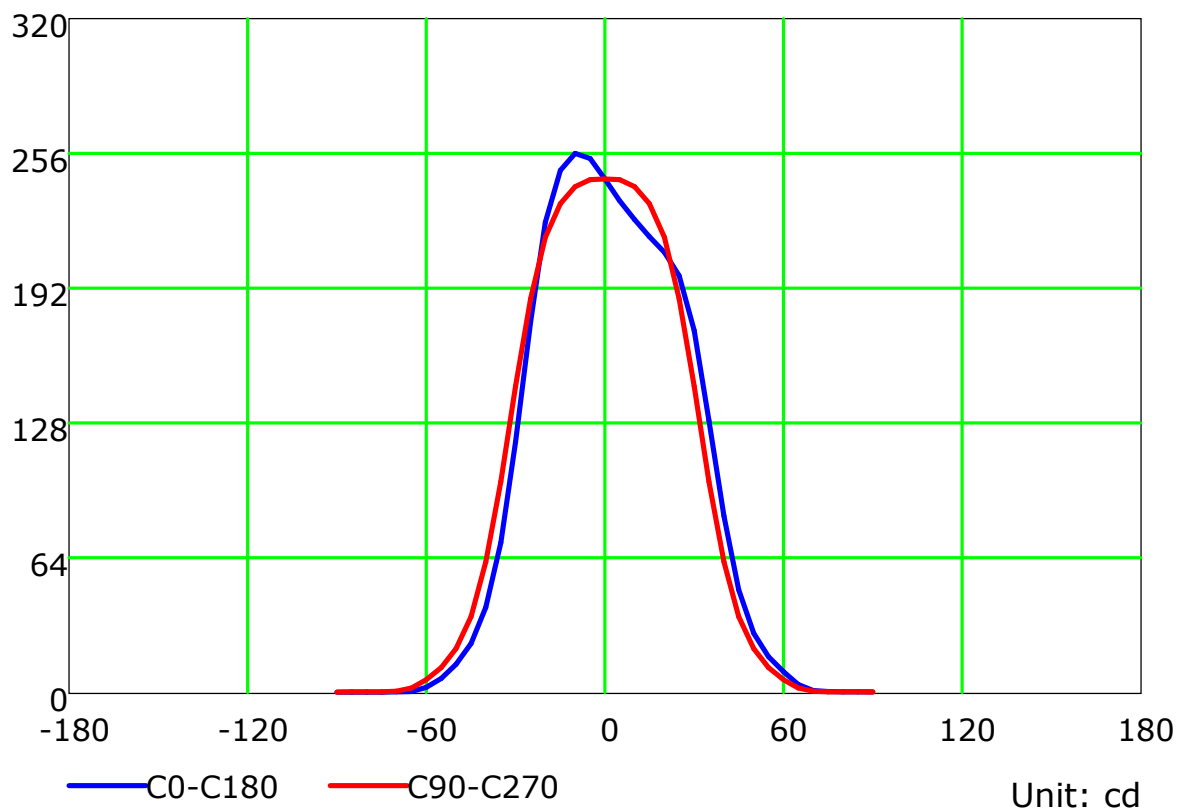
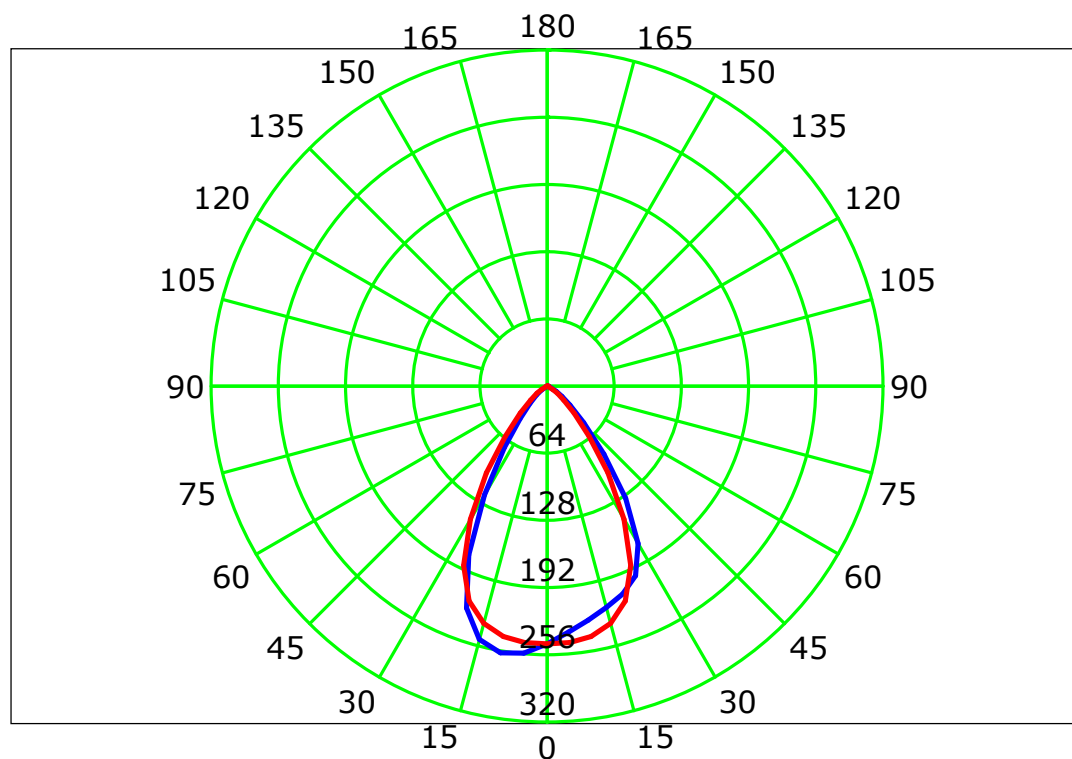


— C0-C180 — C90-C270 — G10

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:

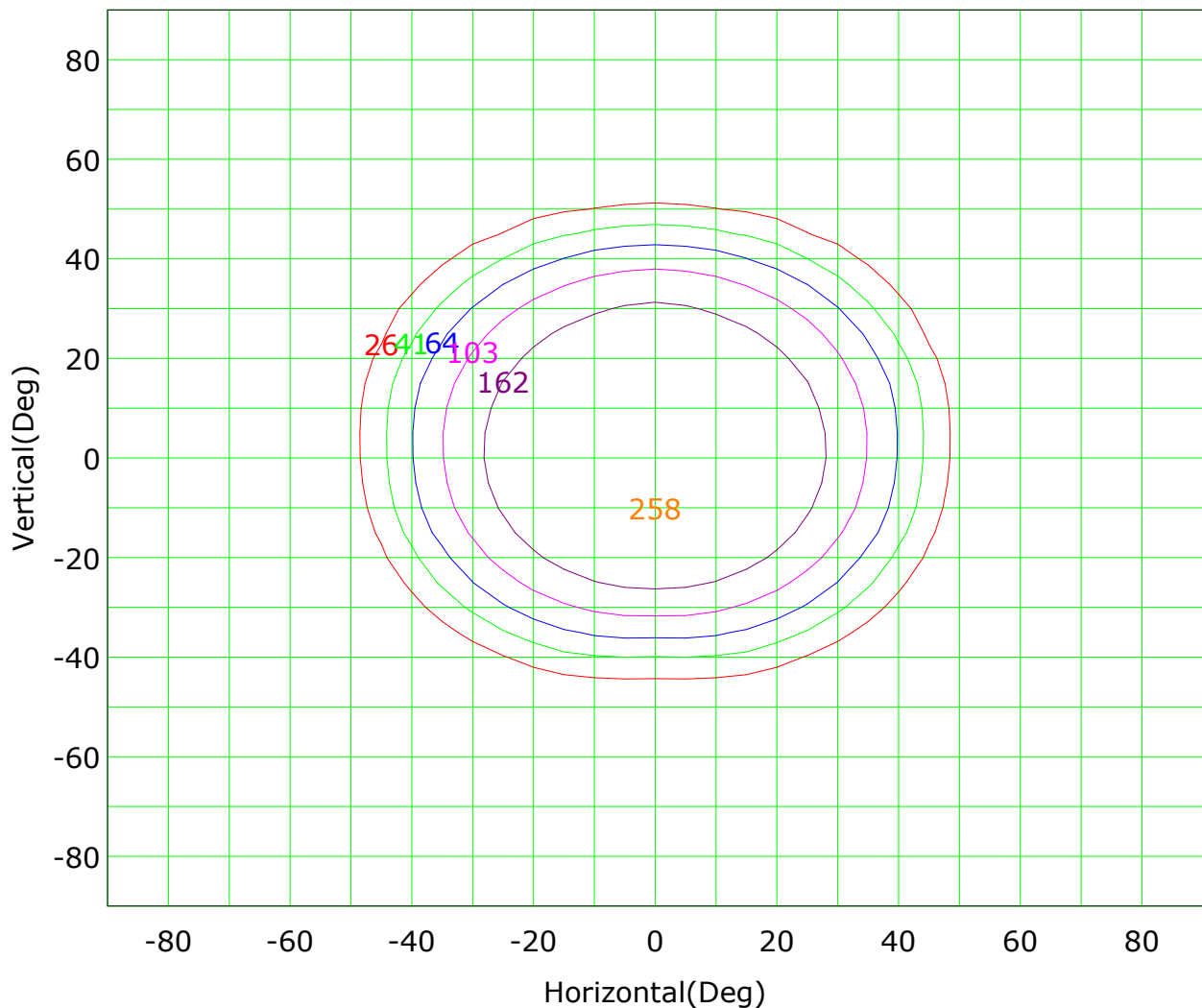
Luminous Intensity Distribution Curve



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%): 258 cd

(10%):	26 cd	(16%):	41 cd
(25%):	64 cd	(40%):	103 cd
(63%):	162 cd	(100%):	258 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

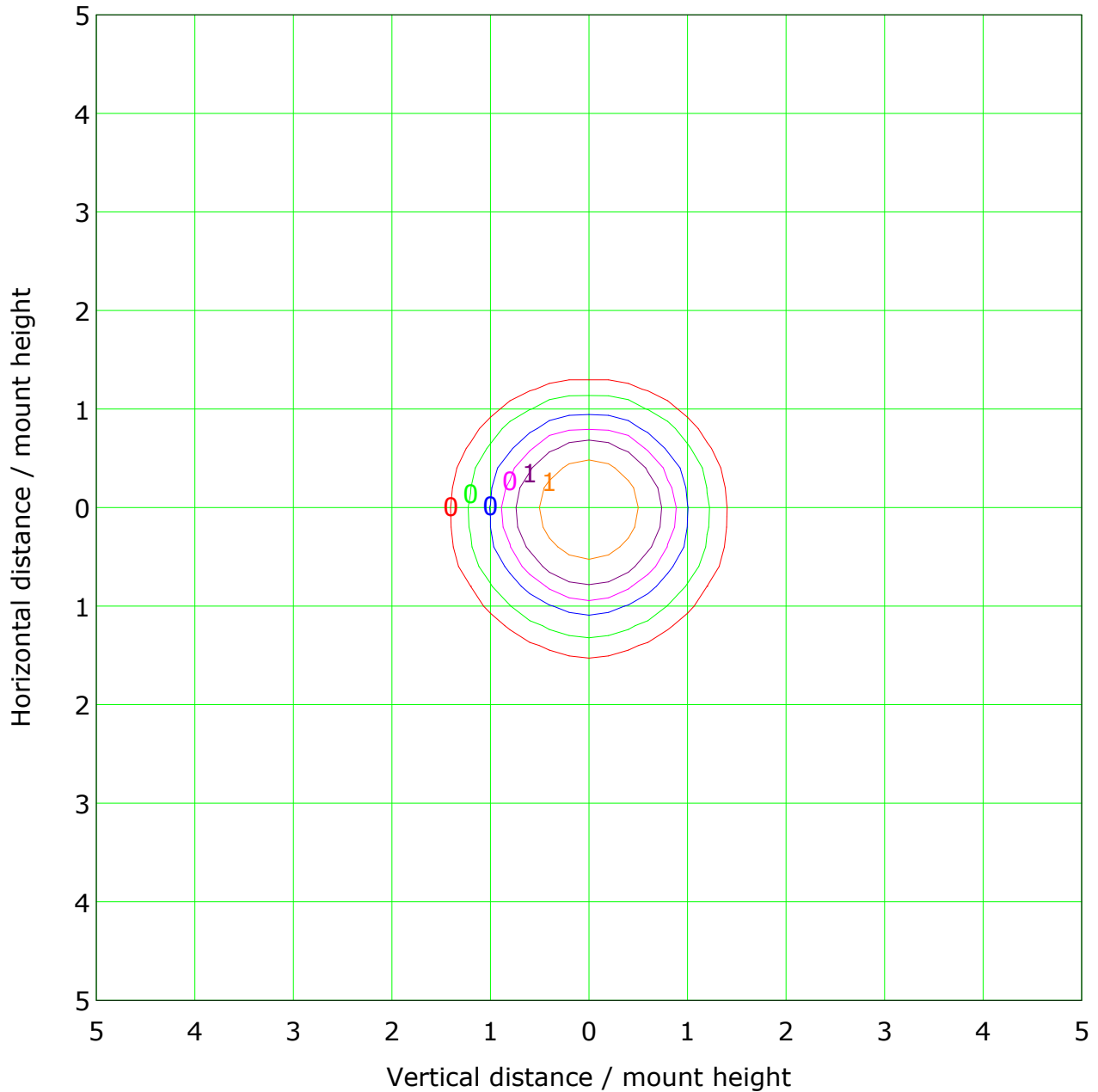
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 3 lx	
(1%):	0 lx	(2%):	0 lx
(5%):	0 lx	(10%):	0 lx
(20%):	1 lx	(50%):	1 lx
(100%):	3 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

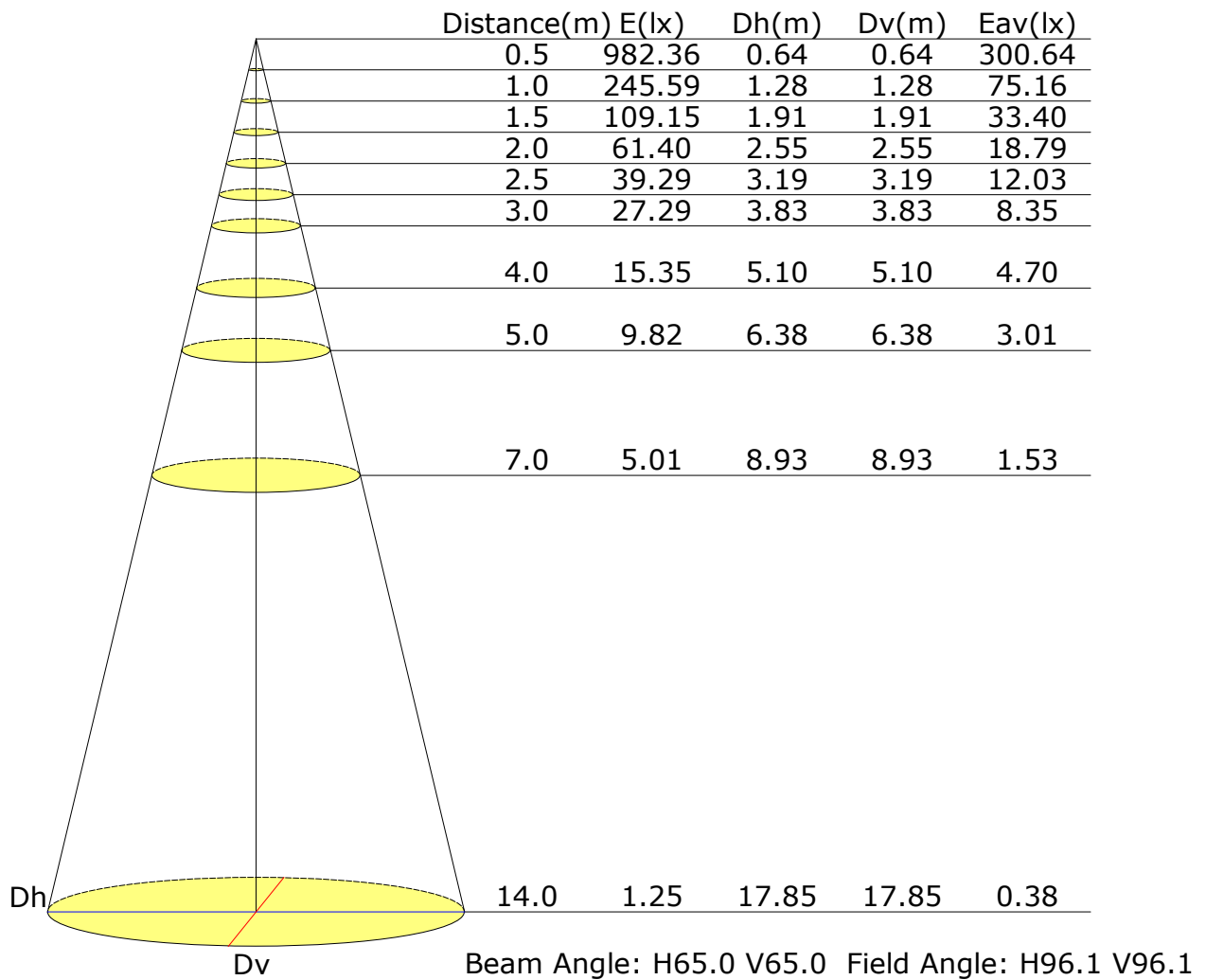
Test Device: CHL-6E

Distance: 3.000 m

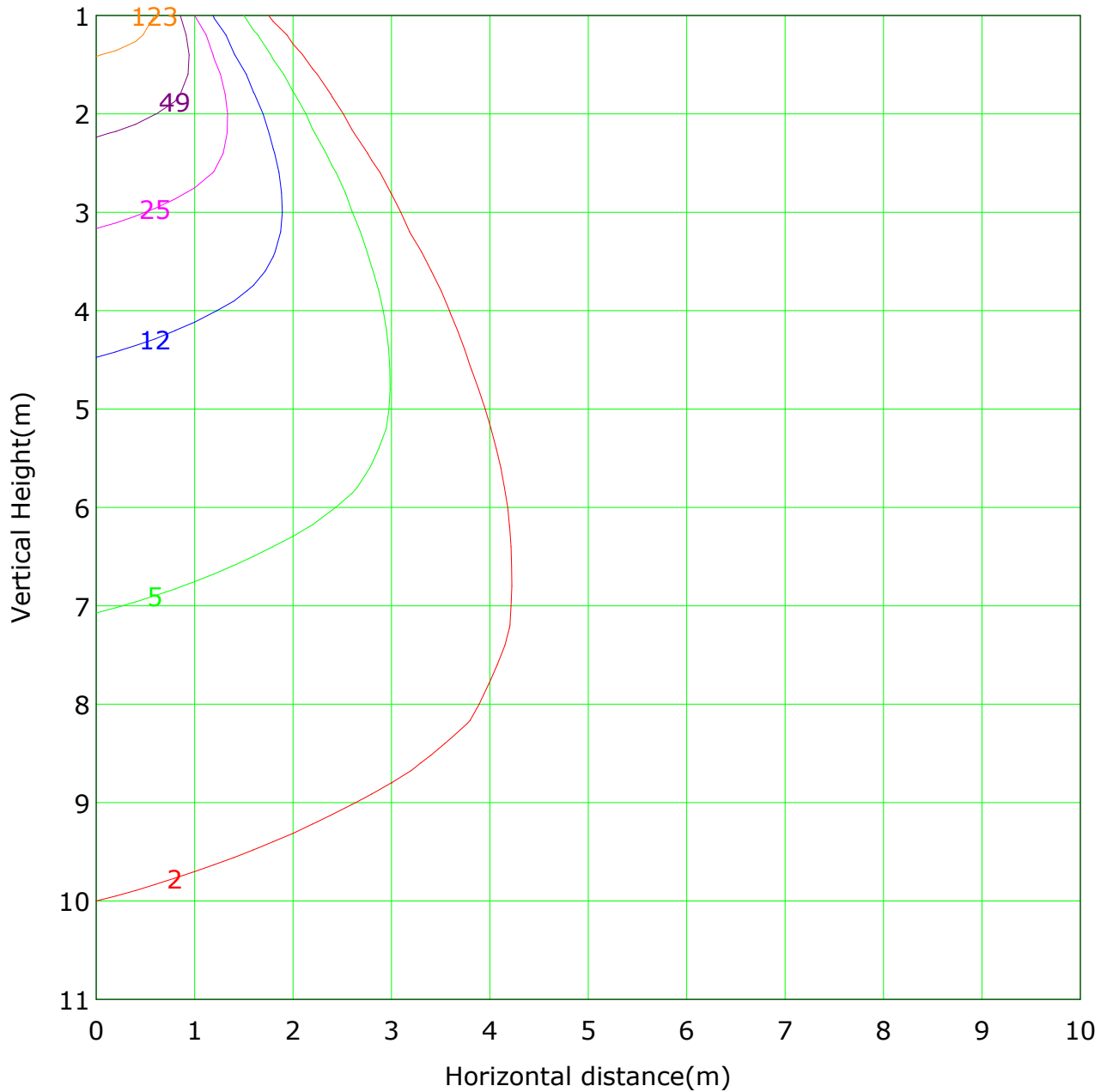
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



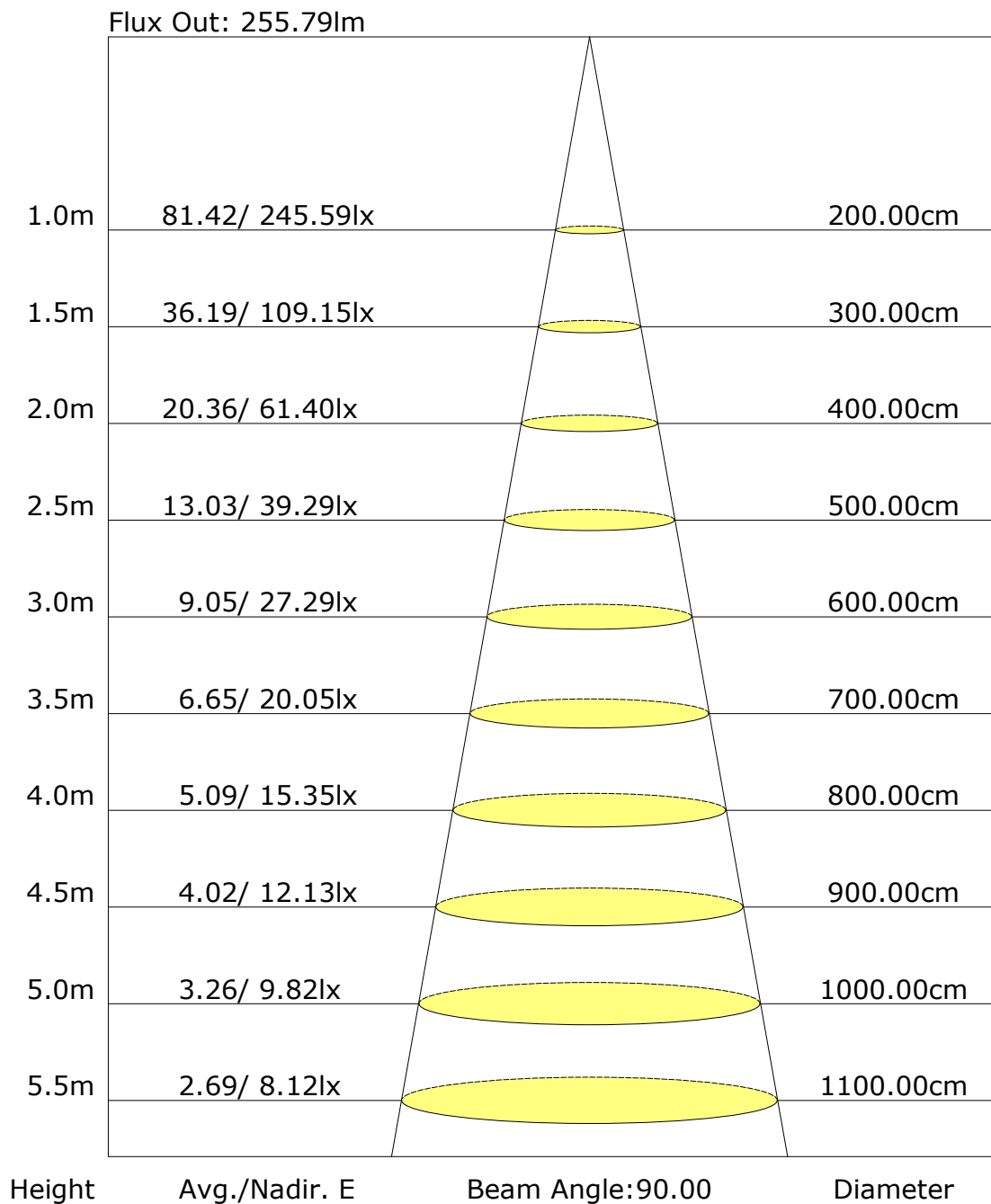
Lowest(m): 1m Highest(m): 11 Max Lux: 246

(1%): 2 lx	(2%): 5 lx
(5%): 12 lx	(10%): 25 lx
(20%): 49 lx	(50%): 123 lx
(100%): 246 lx	

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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



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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: