

Report No.: 51.03015 Recessed Downlight Test Time: 2023-07-01 19:29

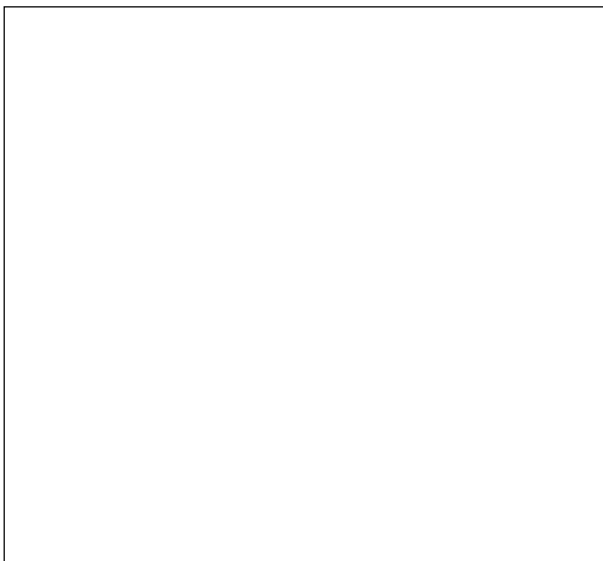
Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90
Luminaire Description: 50D
Current: 0.057 A
Power Factor: 0.524
Voltage: 214.7 V
Power: 6.50 W

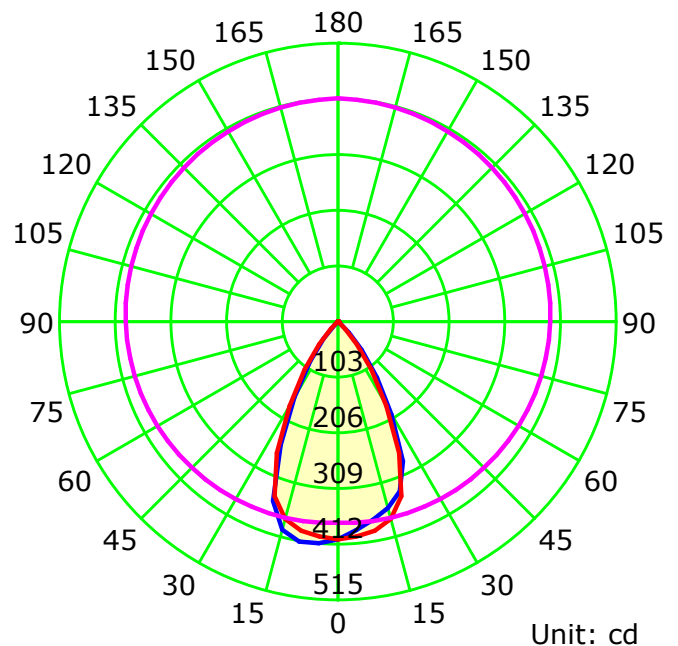
Photometric Results

CIE Class: Direct
Measurement Flux: 353.2 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H57.3
Vertical Diffuse Angle(50%): V57.3
Luminaire Efficacy Rating (LER): 54
Max. Intensity: 413.52 cd
Total Rated Lamp Lumens: 353.2 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 402.92 cd
Pos of Max. Intensity: H180 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve

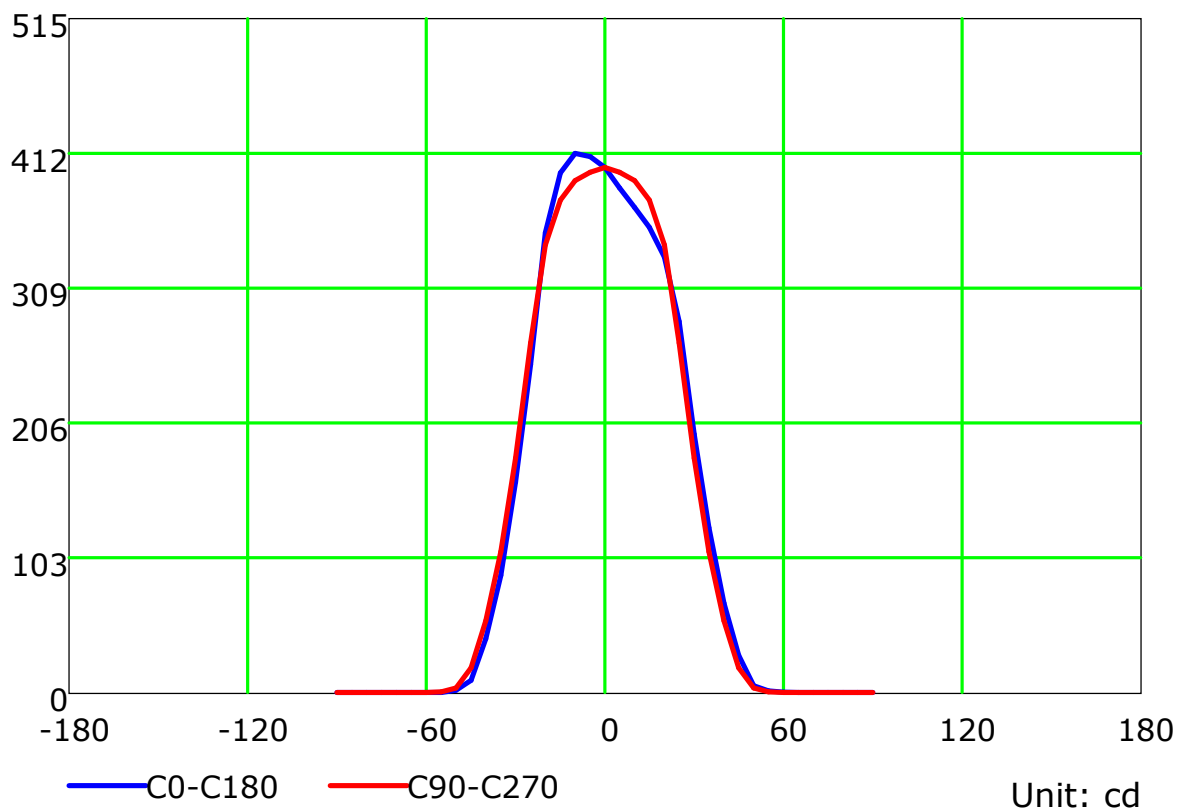
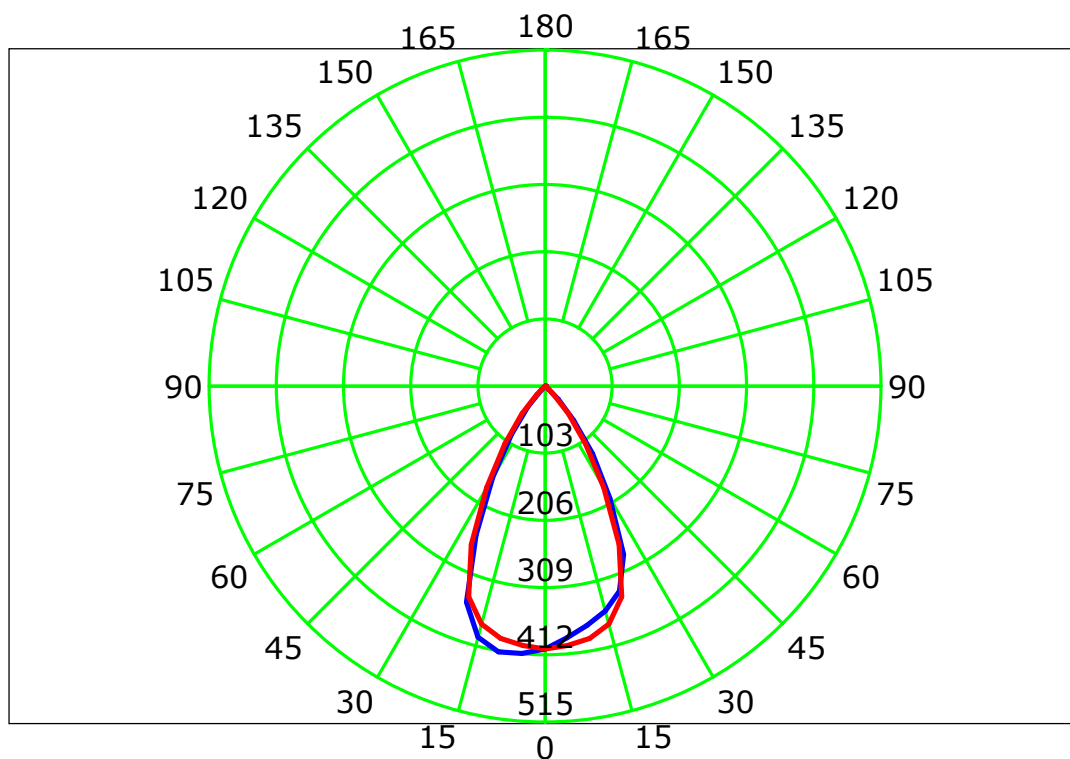


— C0-C180 — C90-C270 — G10

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:

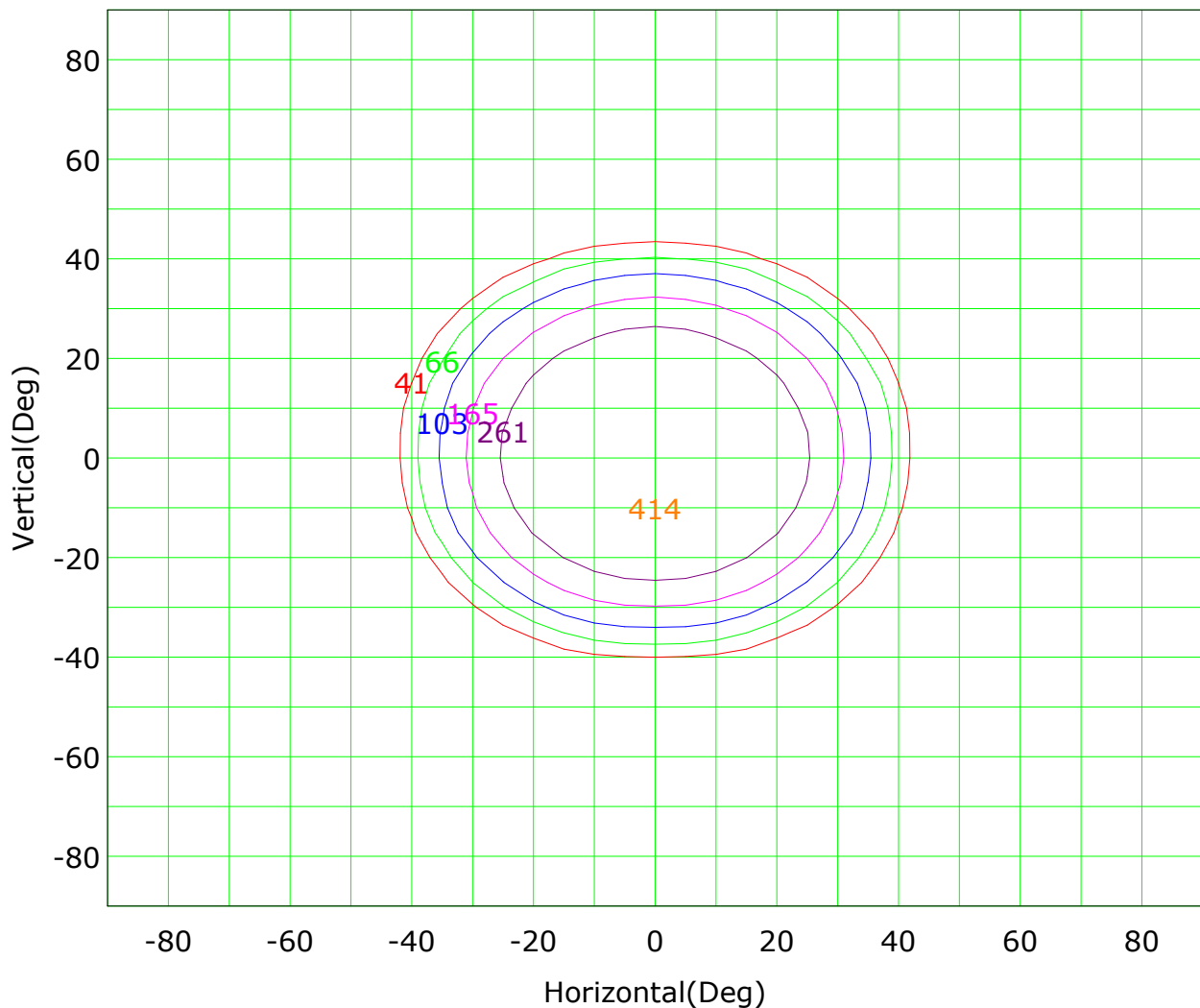
Luminous Intensity Distribution Curve



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Test Lab:
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Temperature:
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Isocandela (rectangle)



Imax (100%): 414 cd

(10%):	41 cd	(16%):	66 cd
(25%):	103 cd	(40%):	165 cd
(63%):	261 cd	(100%):	414 cd

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

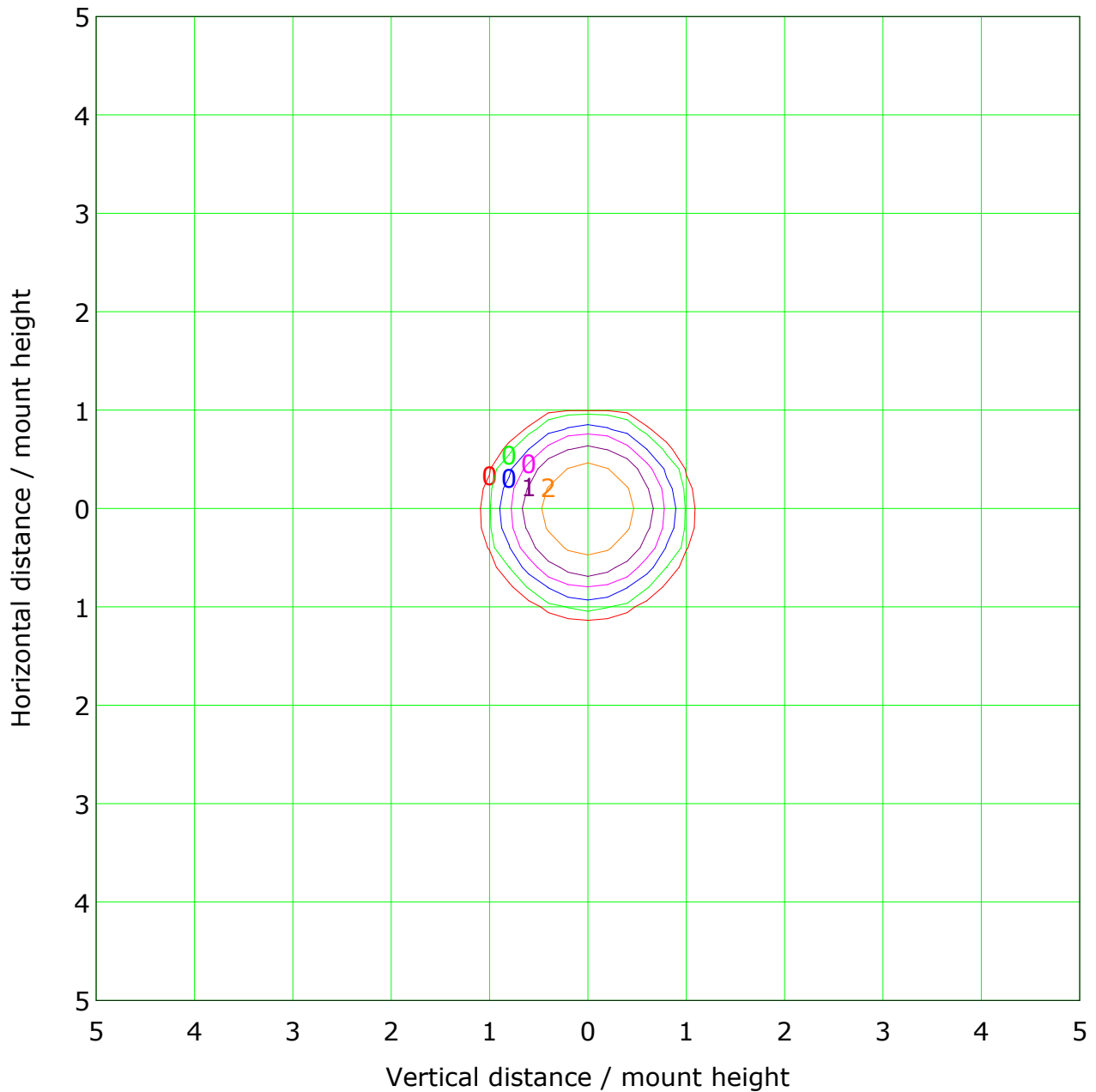
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

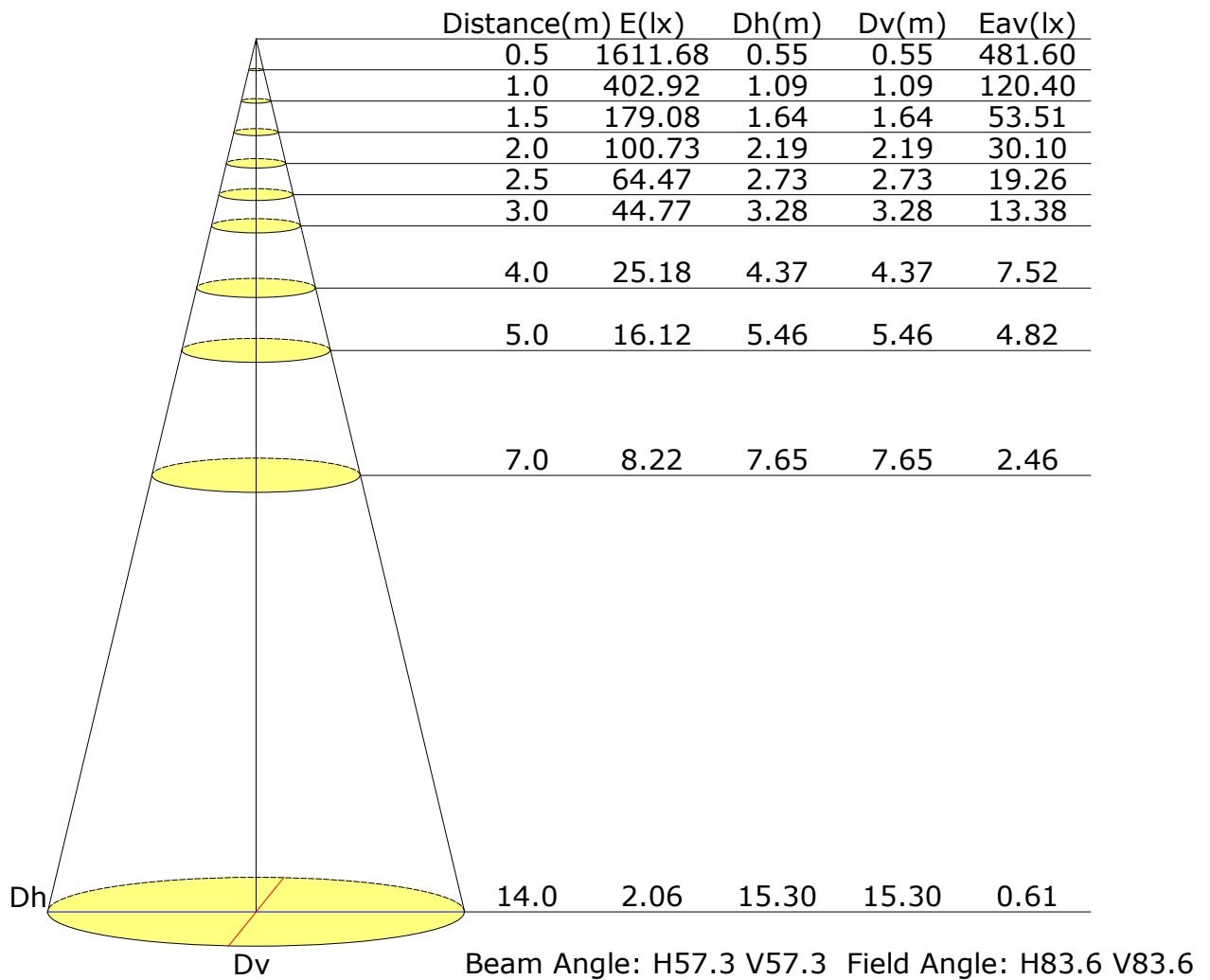


Mounting Height: 10m		Max Lux(100%): 4 lx	
(1%):	0 lx	(2%):	0 lx
(5%):	0 lx	(10%):	0 lx
(20%):	1 lx	(50%):	2 lx
(100%):	4 lx		

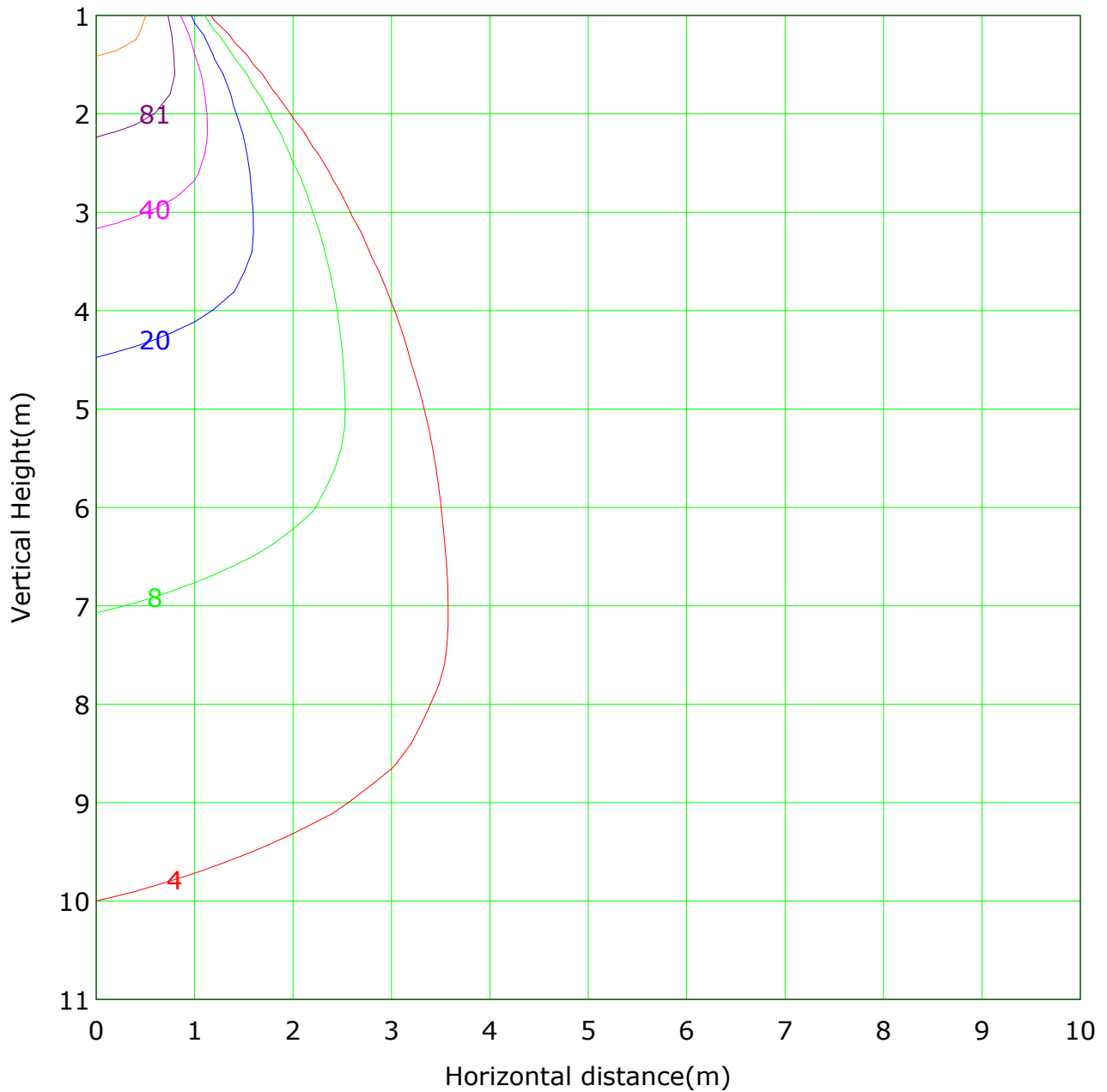
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Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



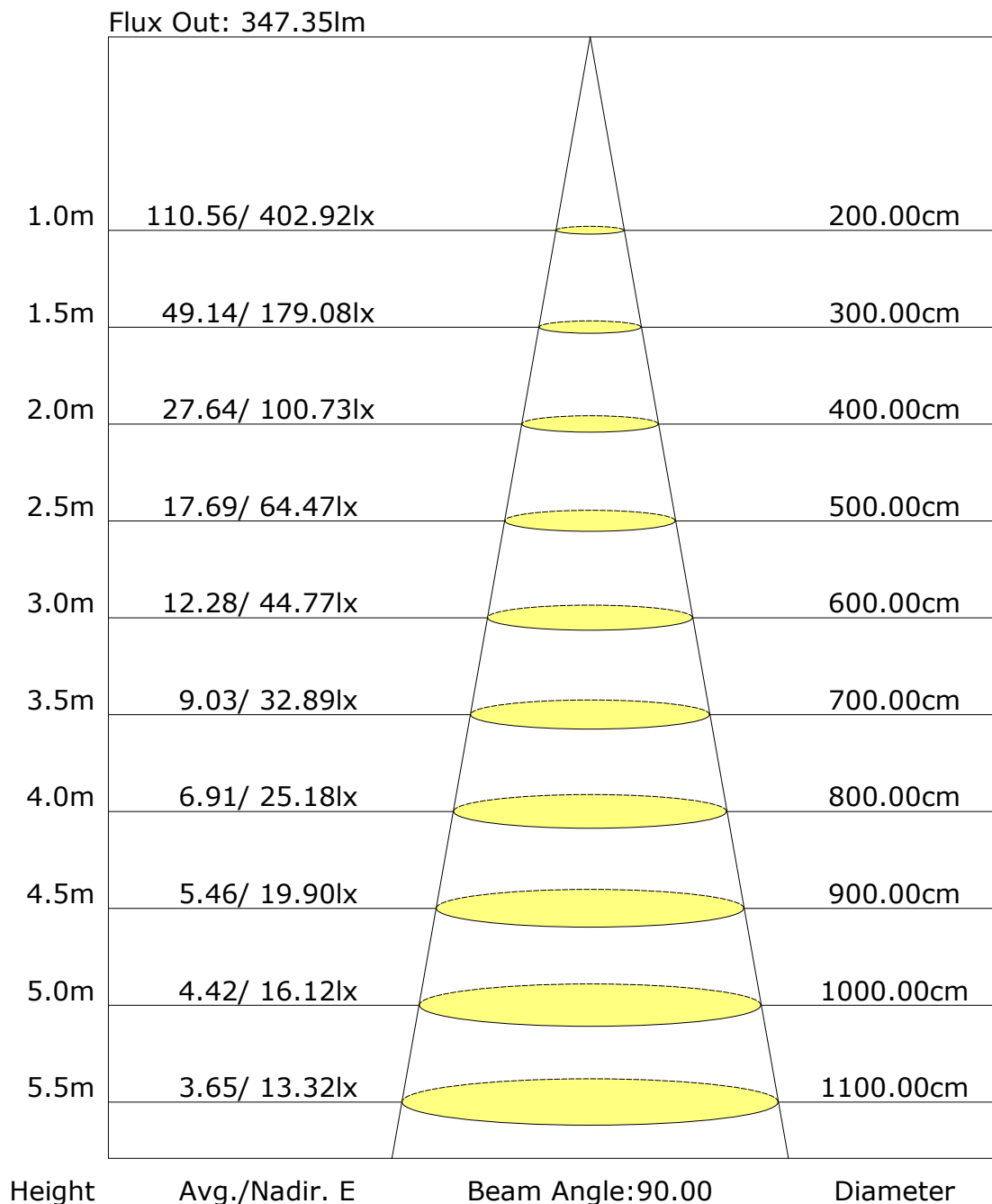
Lowest(m): 1m Highest(m): 11 Max Lux: 403

(1%): 4 lx	(2%): 8 lx
(5%): 20 lx	(10%): 40 lx
(20%): 81 lx	(50%): 201 lx
(100%): 403 lx	

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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:
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Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Zonal Lumen

[illegible]

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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:

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: