

Report No.: 52.04512 Recessed Downlight Test Time: 2023-07-01 21:24

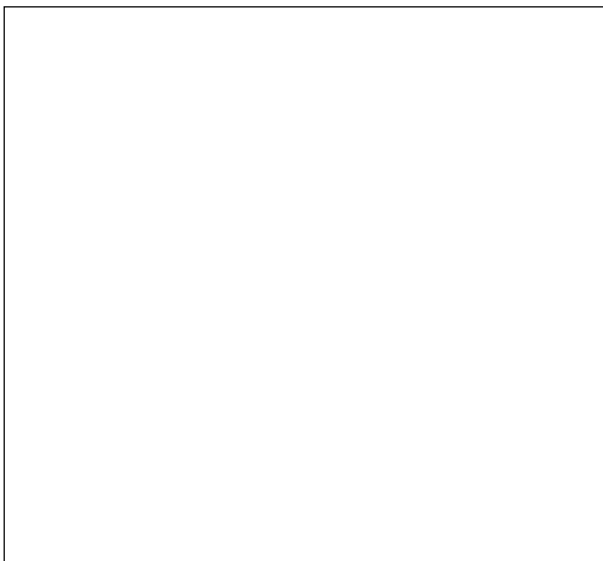
Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90
Luminaire Description: 50D
Current: 0.053 A
Power Factor: 0.542
Voltage: 218.1 V
Power: 6.30 W

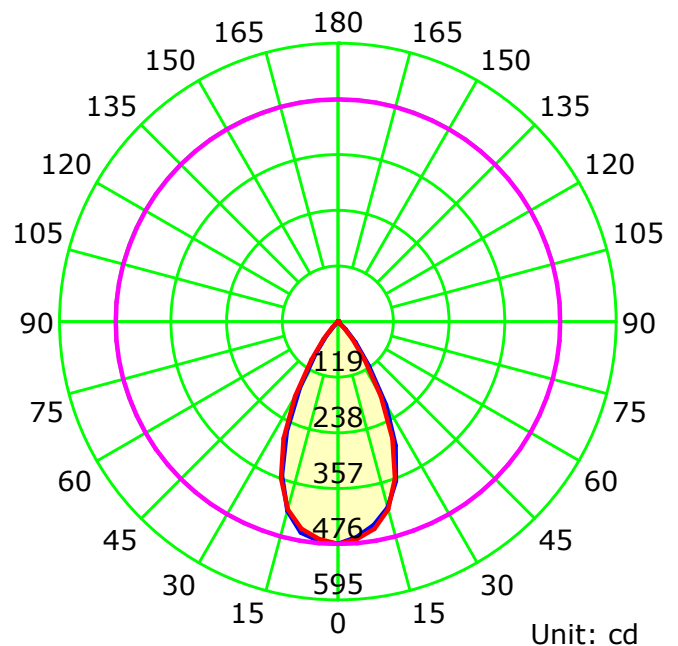
Photometric Results

CIE Class: Direct
Measurement Flux: 366.7 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H54.3
Vertical Diffuse Angle(50%): V54.3
Luminaire Efficacy Rating (LER): 58
Max. Intensity: 475.25 cd
Total Rated Lamp Lumens: 366.7 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 475.25 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve

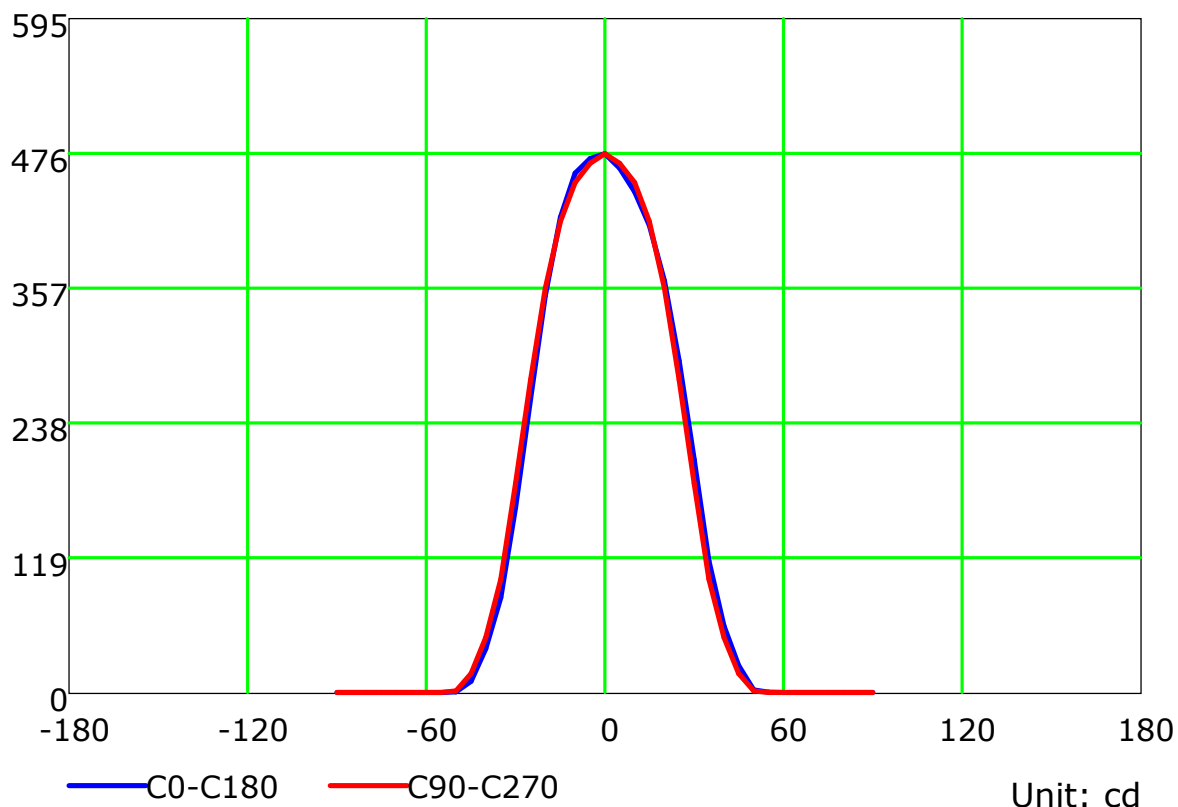
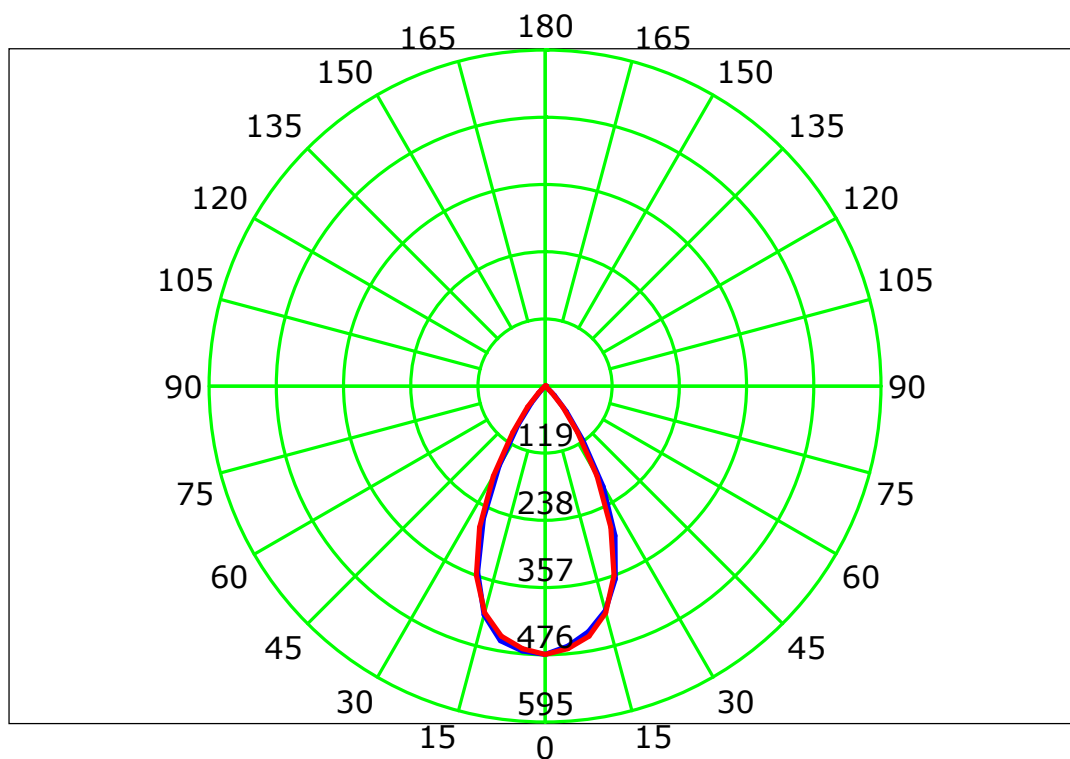


— C0-C180 — C90-C270 — G0

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:

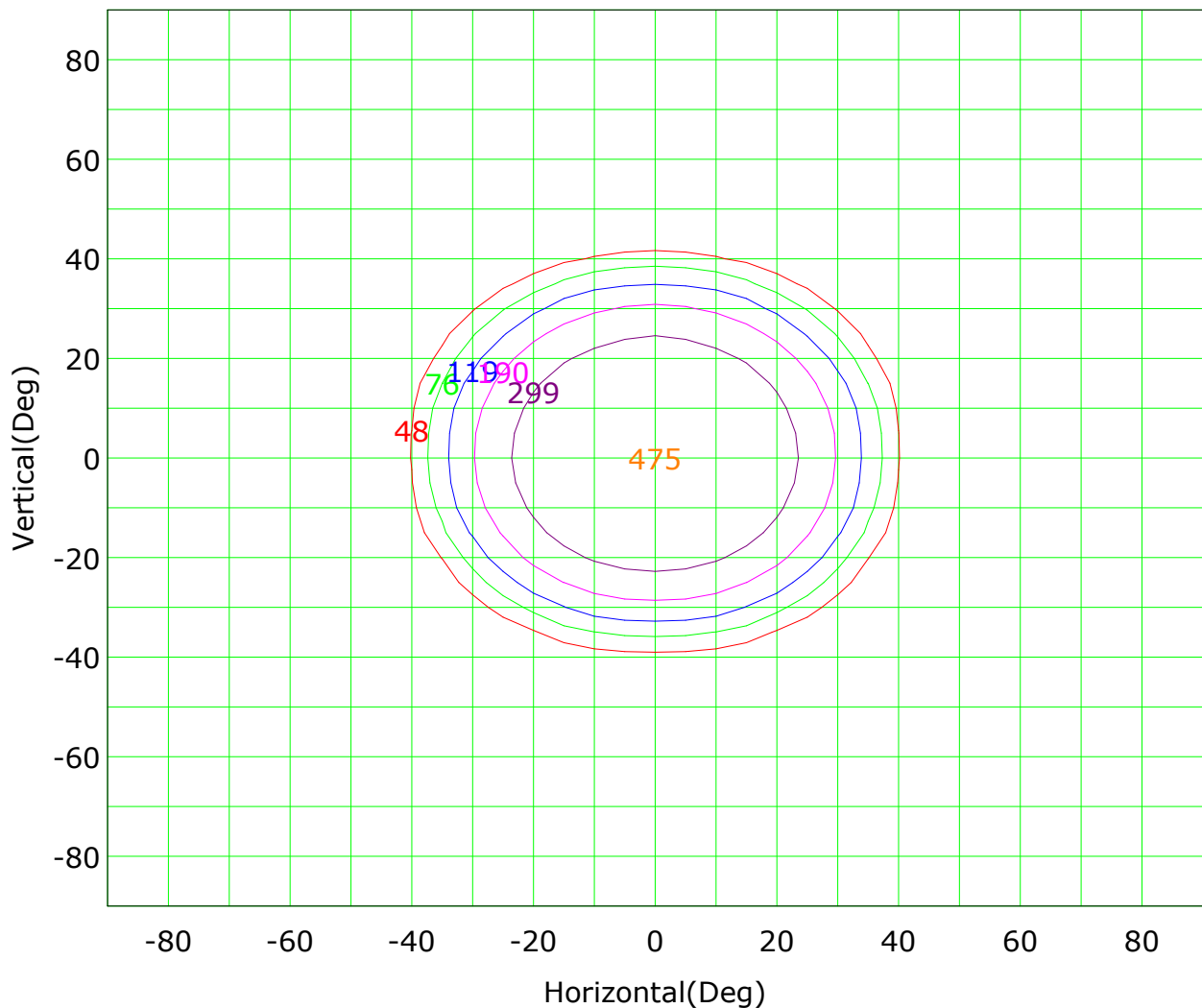
Luminous Intensity Distribution Curve



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%): 475 cd

(10%):	48 cd	(16%):	76 cd
(25%):	119 cd	(40%):	190 cd
(63%):	299 cd	(100%):	475 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

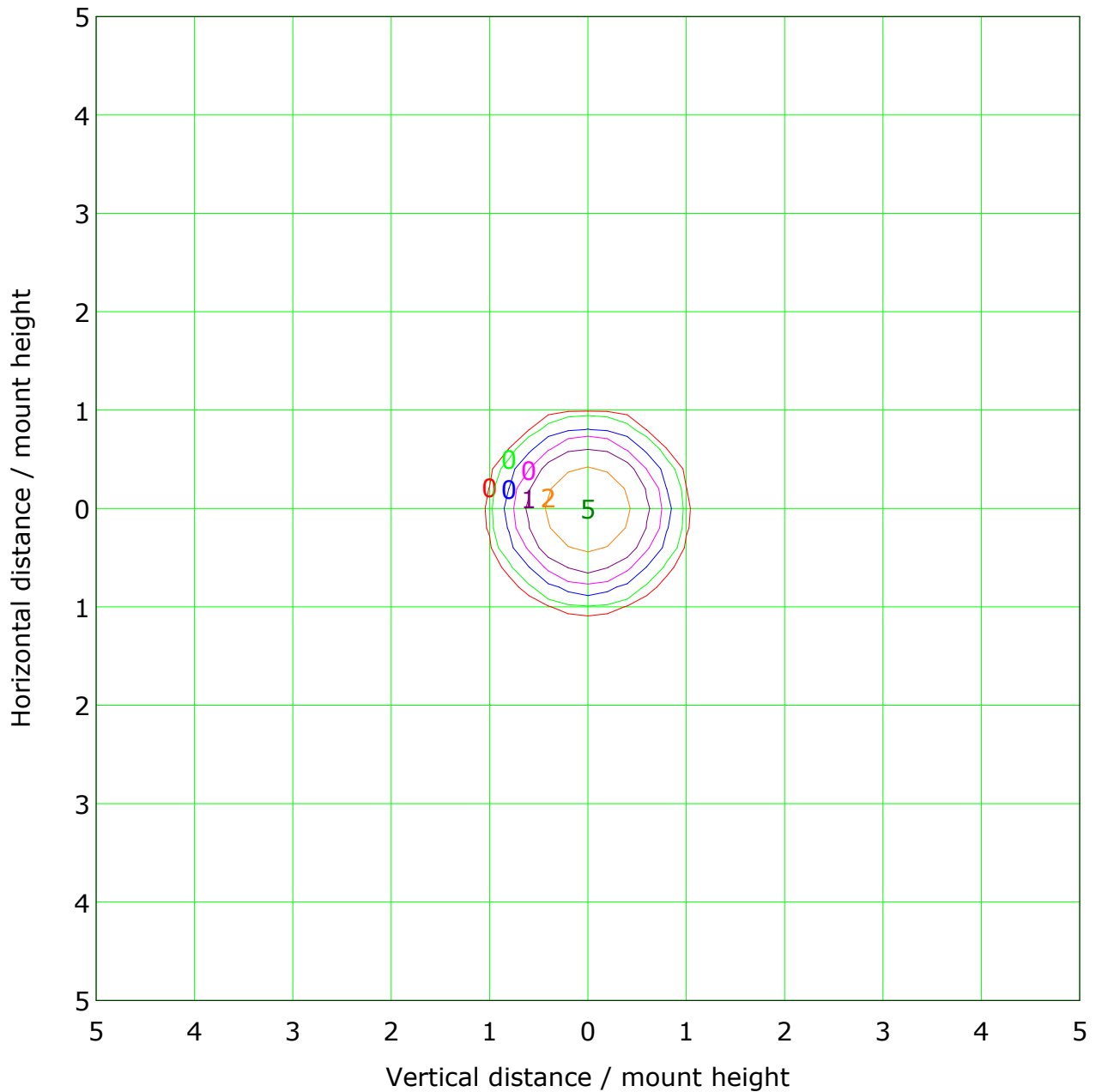
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

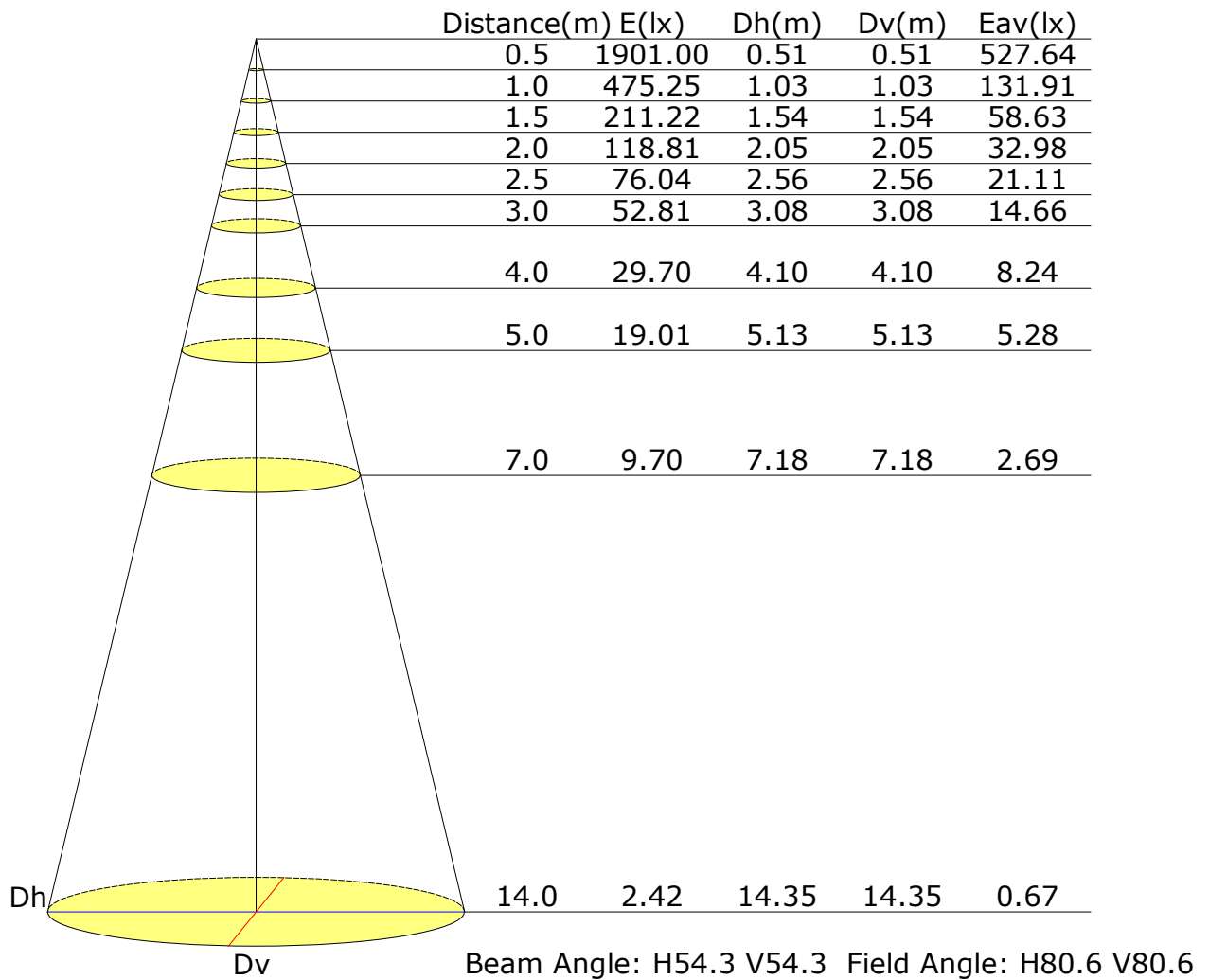


Mounting Height: 10m Max Lux(100%): 5 lx			
(1%):	0 lx	(2%):	0 lx
(5%):	0 lx	(10%):	0 lx
(20%):	1 lx	(50%):	2 lx
(100%):	5 lx		

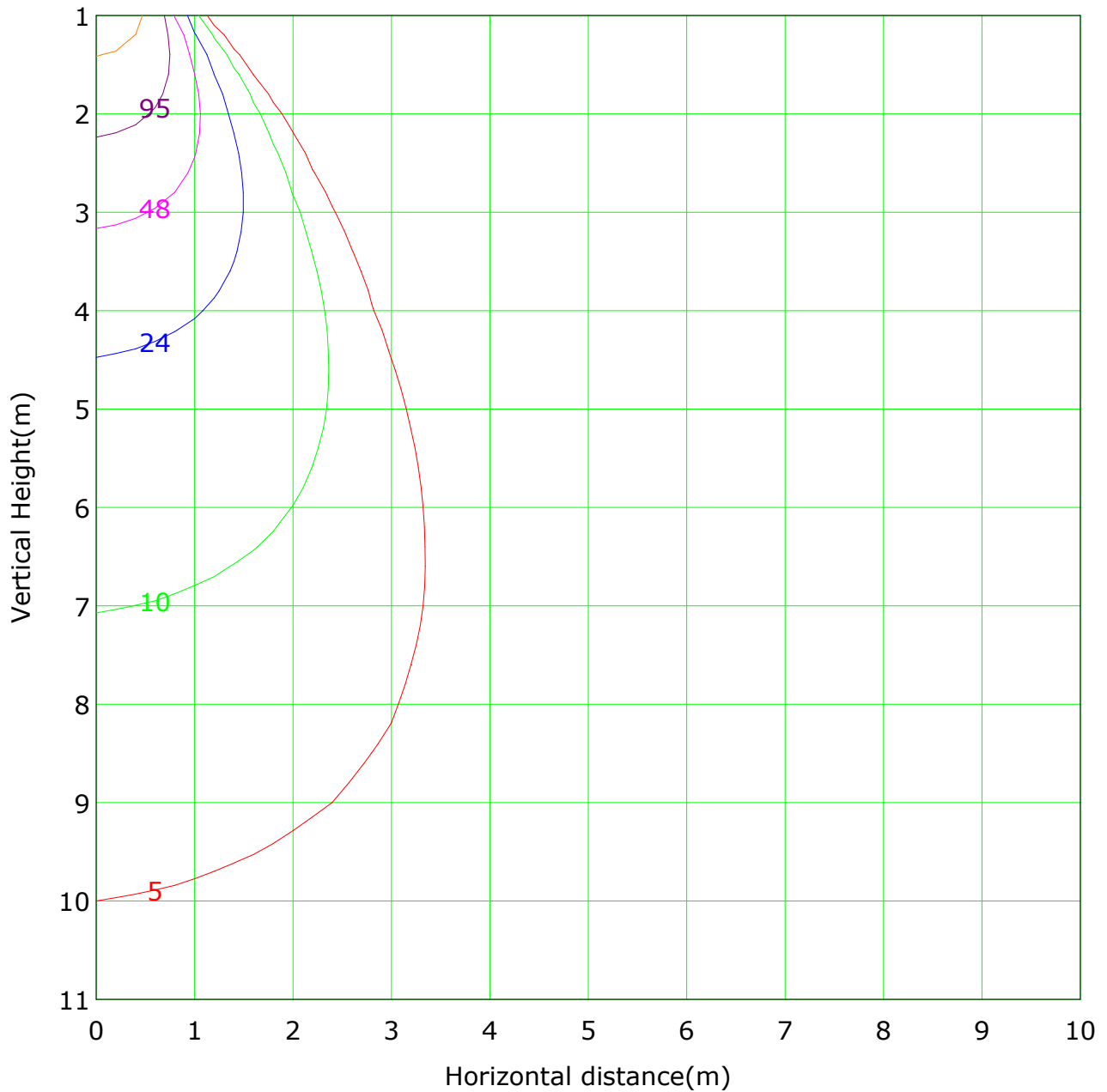
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Humidity:
Inspector:

Illuminance at a Distance



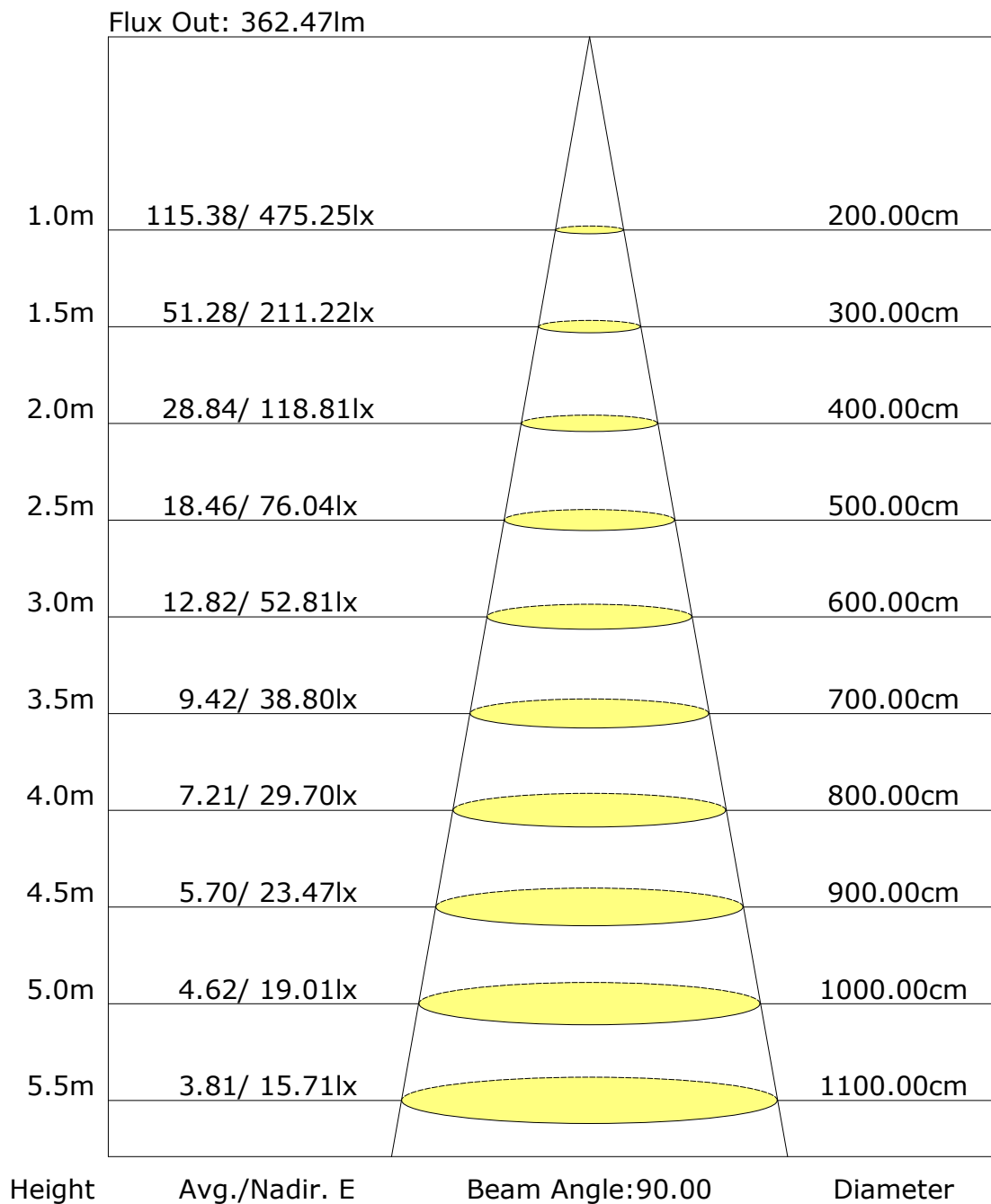
Vertical IsoLux Plot



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: