

Report No.: 51.03517 Recessed Downlight Test Time: 2023-07-01 19:38

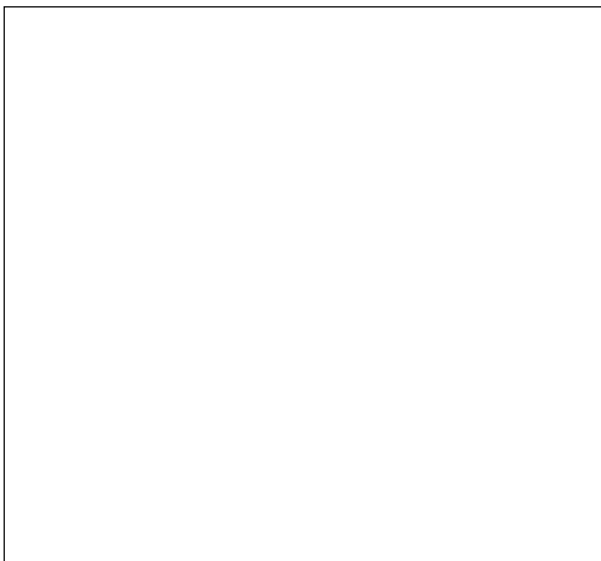
Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90
Luminaire Description: 15D
Current: 0.057 A
Power Factor: 0.532
Voltage: 214.3 V
Power: 6.50 W

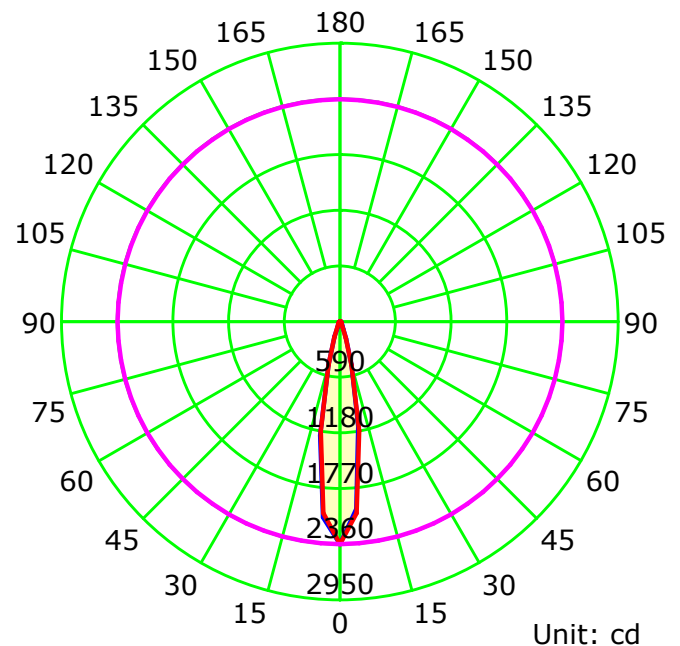
Photometric Results

CIE Class: Direct
Measurement Flux: 432.7 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H20
Vertical Diffuse Angle(50%): V20
Luminaire Efficacy Rating (LER): 67
Max. Intensity: 2358.32 cd
Total Rated Lamp Lumens: 432.7 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 2358.31 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve

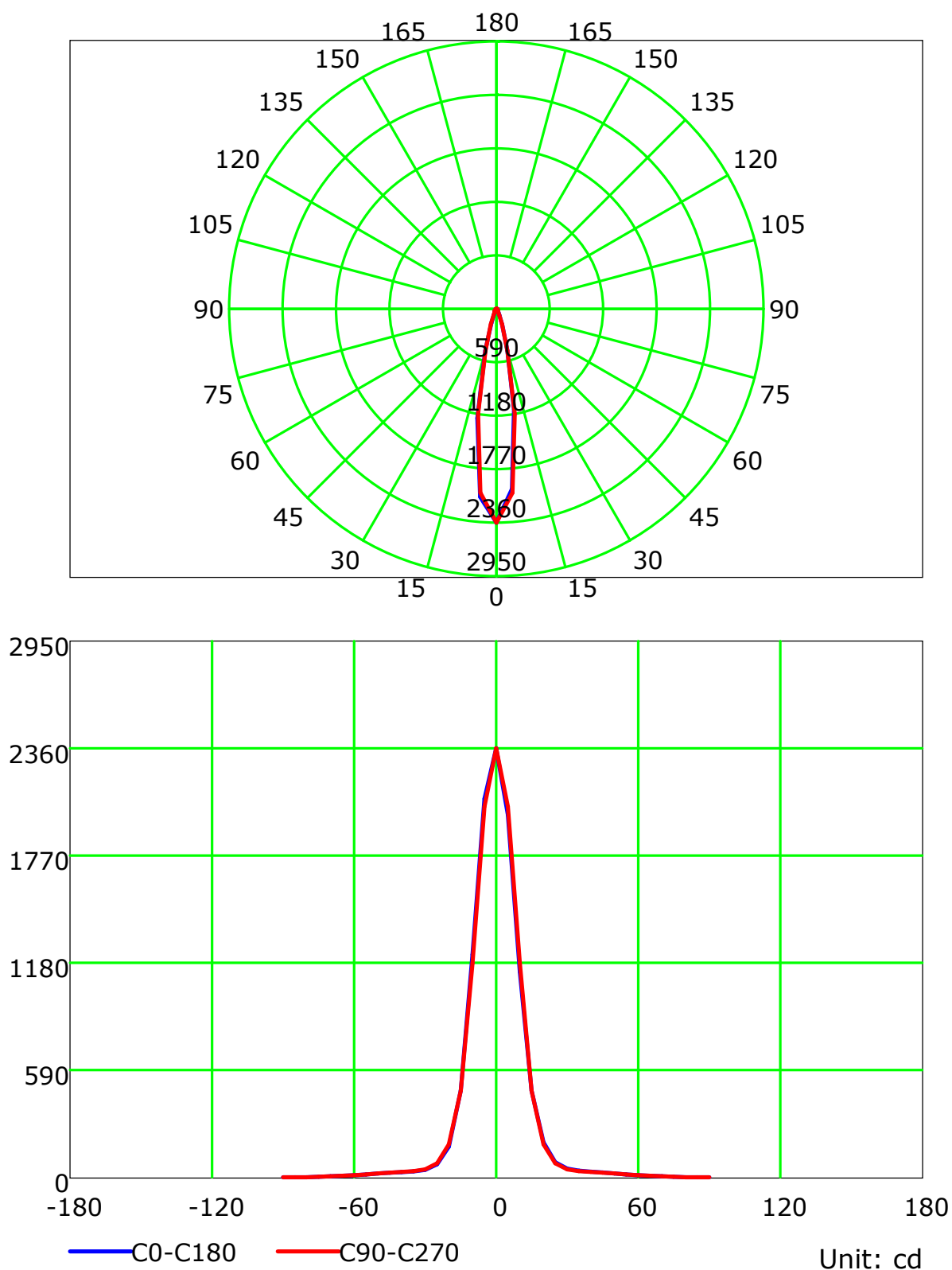


— C0-C180 — C90-C270 — G0

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:

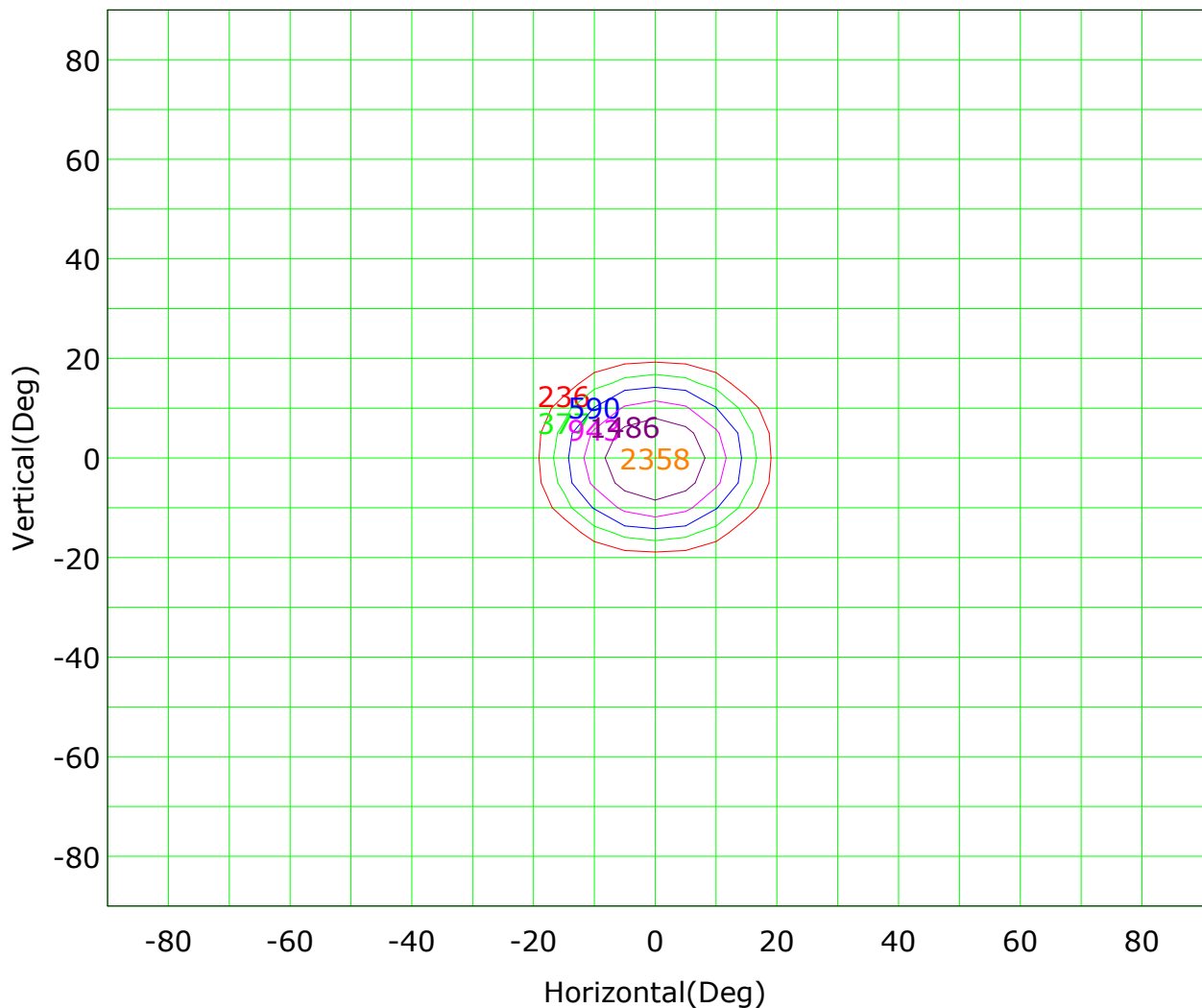
Luminous Intensity Distribution Curve



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Isocandela (rectangle)



Imax (100%): 2358 cd

(10%): 236 cd	(16%): 377 cd
(25%): 590 cd	(40%): 943 cd
(63%): 1486 cd	(100%): 2358 cd

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

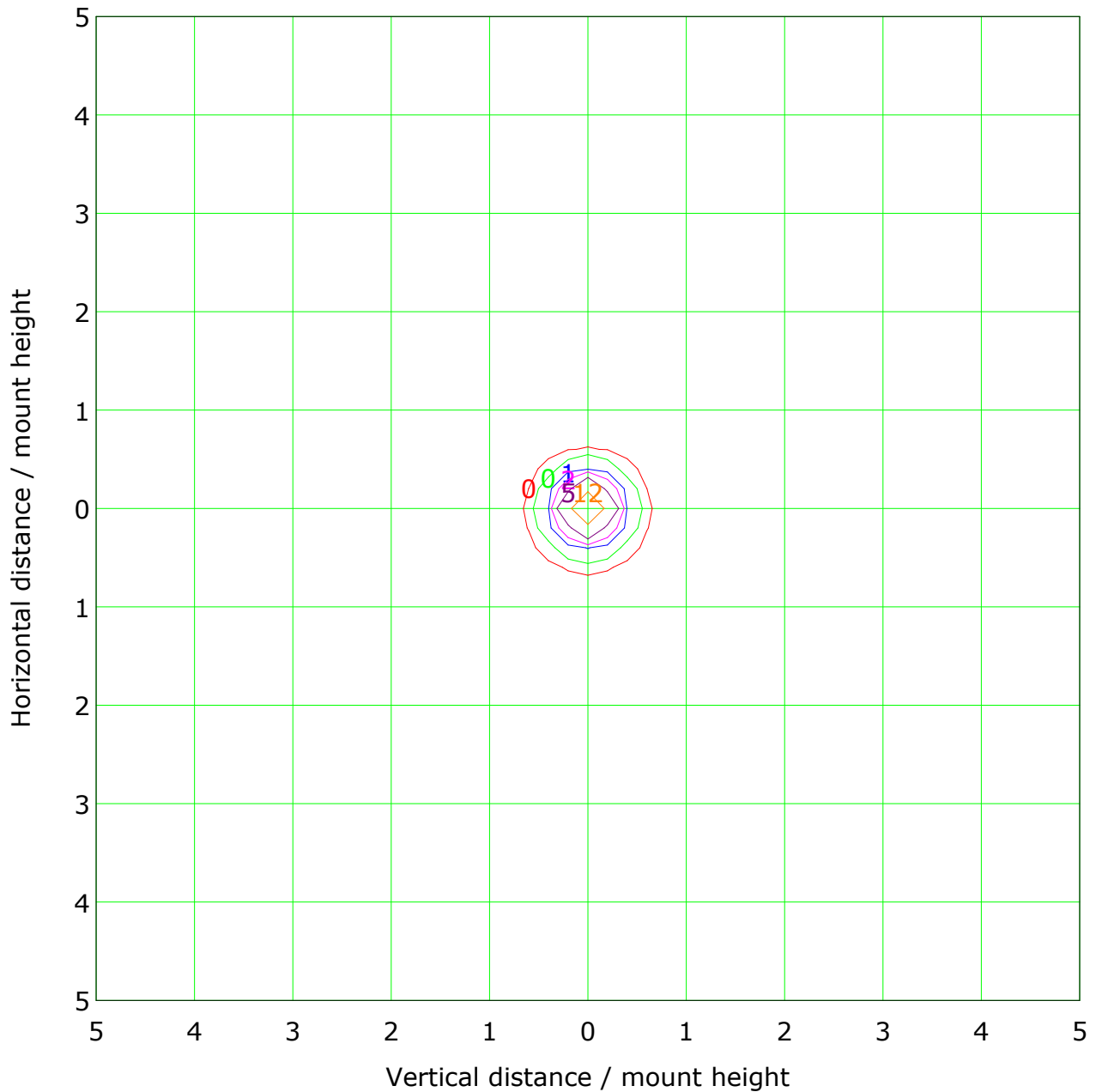
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

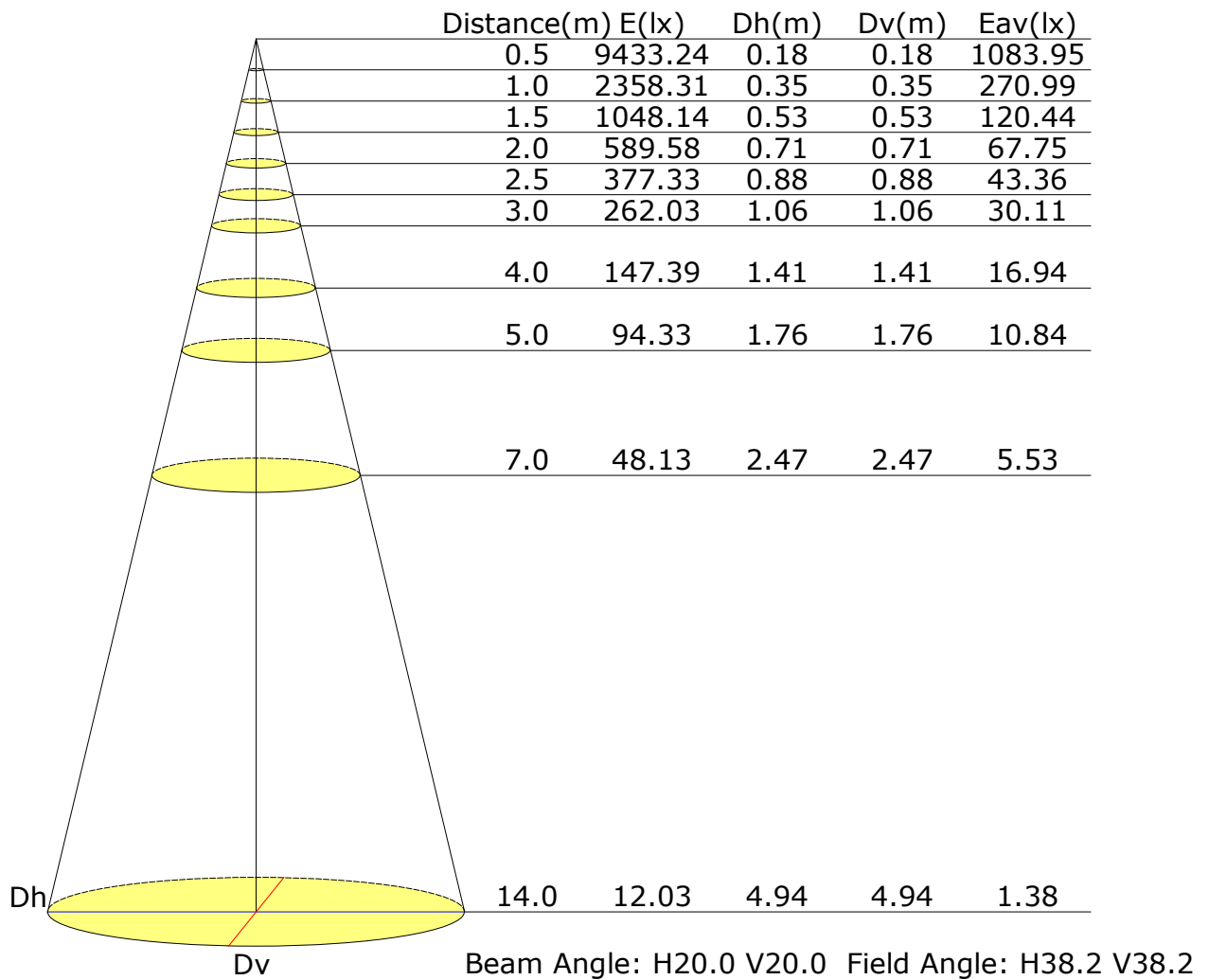


Mounting Height: 10m Max Lux(100%): 24 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	2 lx
— (20%):	5 lx	— (50%):	12 lx
— (100%):	24 lx		

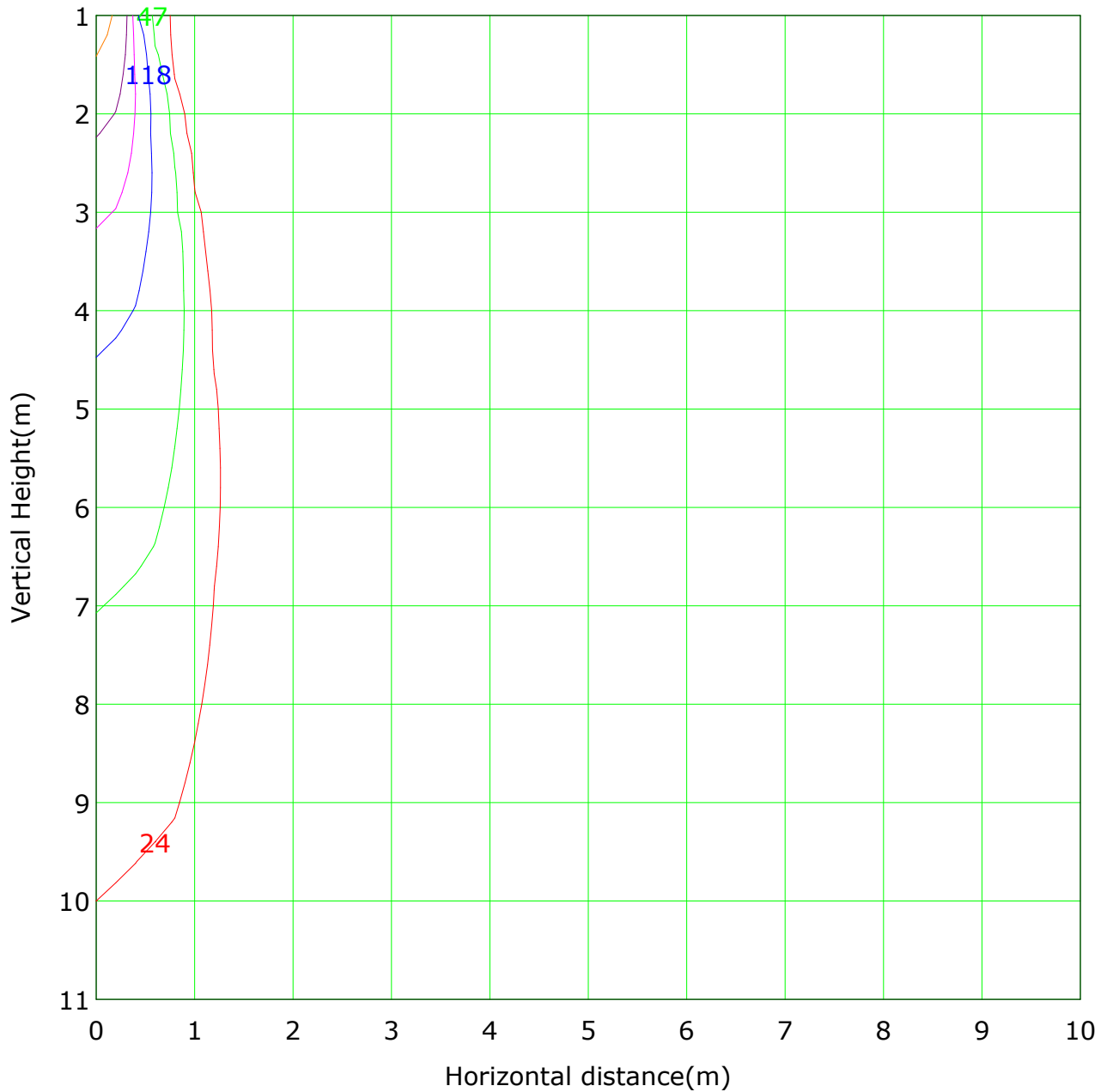
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Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



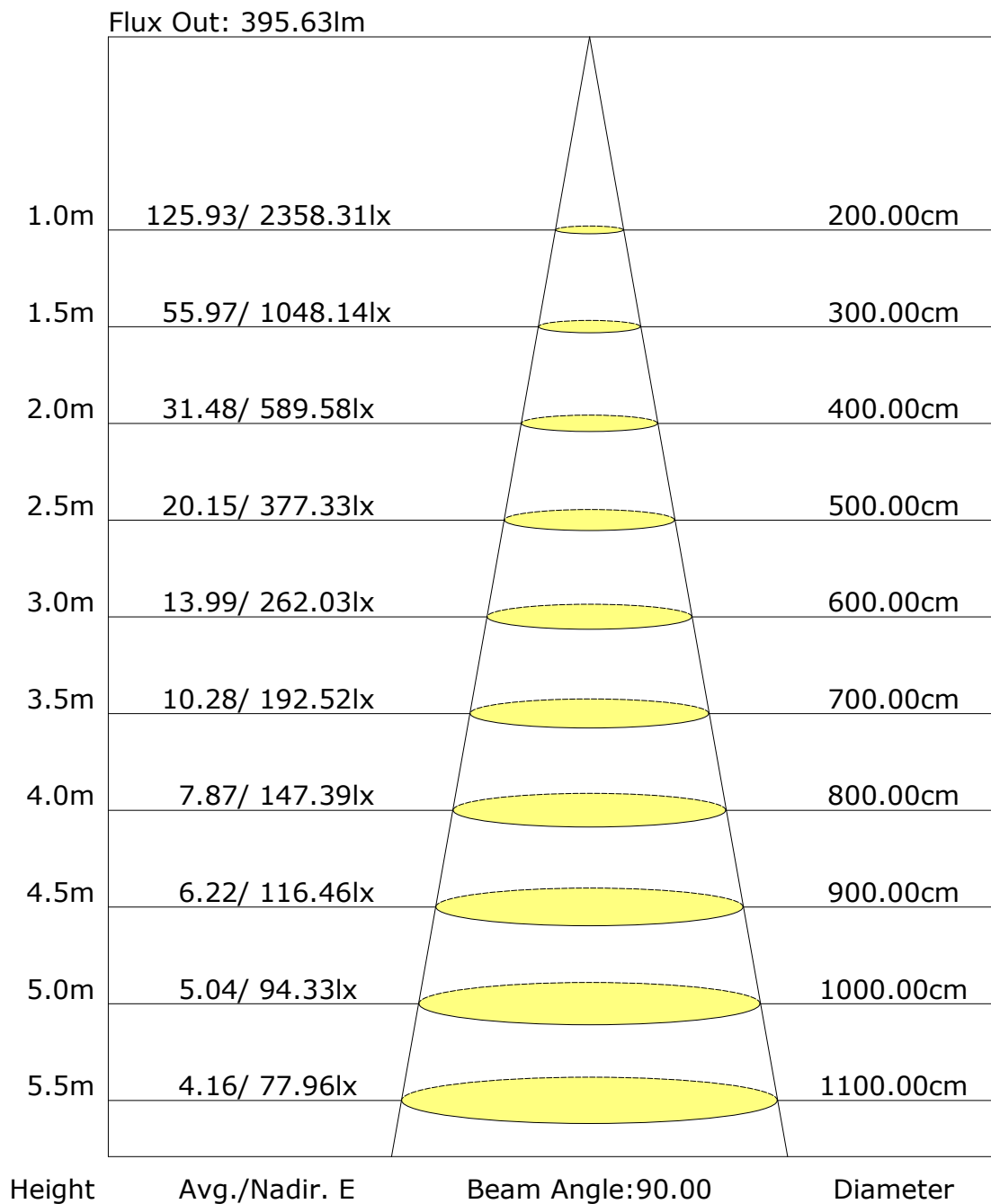
Lowest(m): 1m Highest(m): 11 Max Lux: 2358

(1%): 24 lx	(2%): 47 lx
(5%): 118 lx	(10%): 236 lx
(20%): 472 lx	(50%): 1179 lx
(100%): 2358 lx	

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Temperature:
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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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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]

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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: