

Report No.: 52.03512 Recessed Downlight Test Time: 2023-07-01 19:38

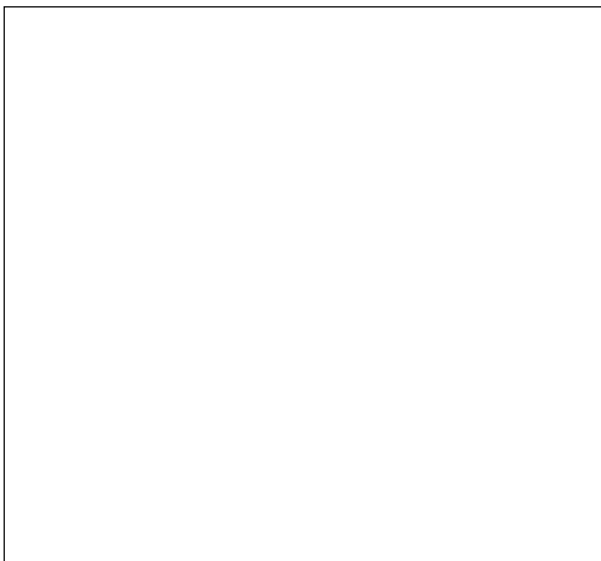
Luminaire Property

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

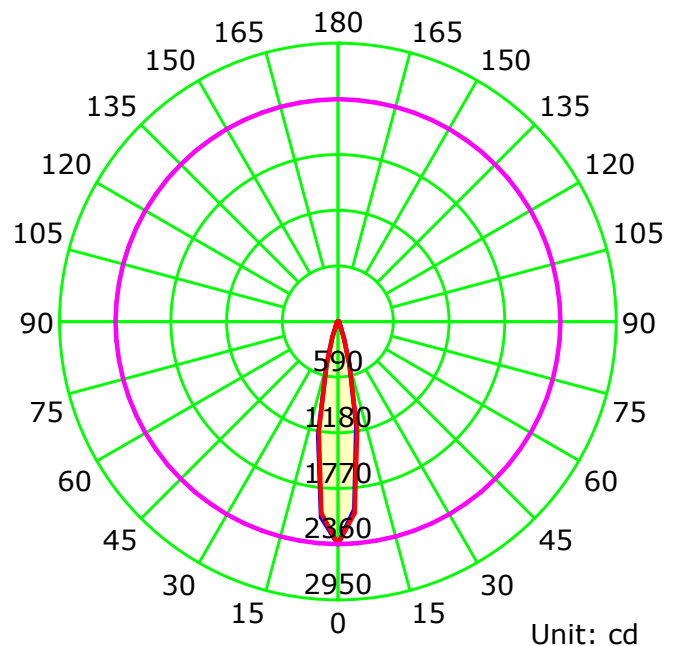
Photometric Results

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

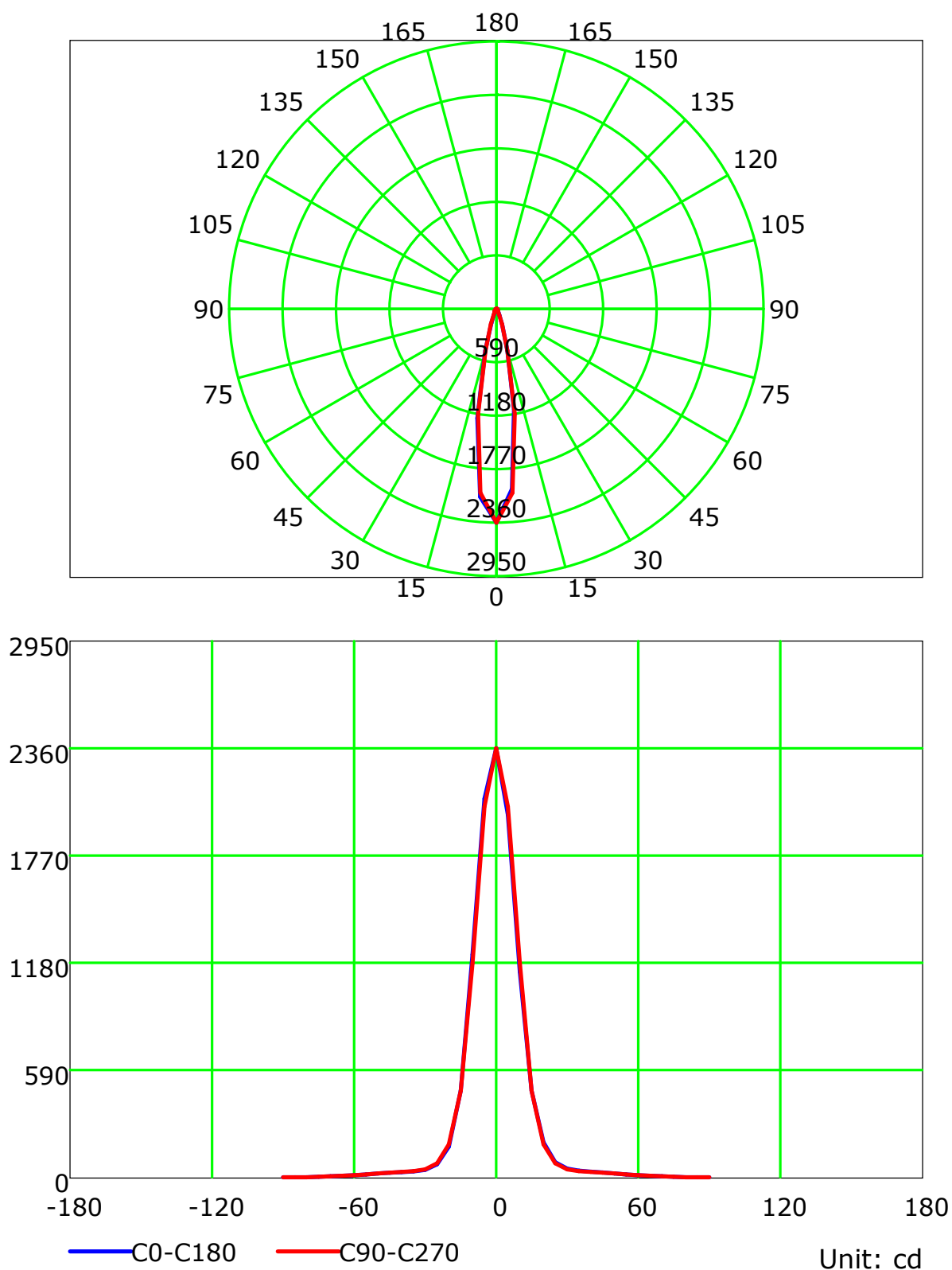


— C0-C180 — C90-C270 — G0

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:

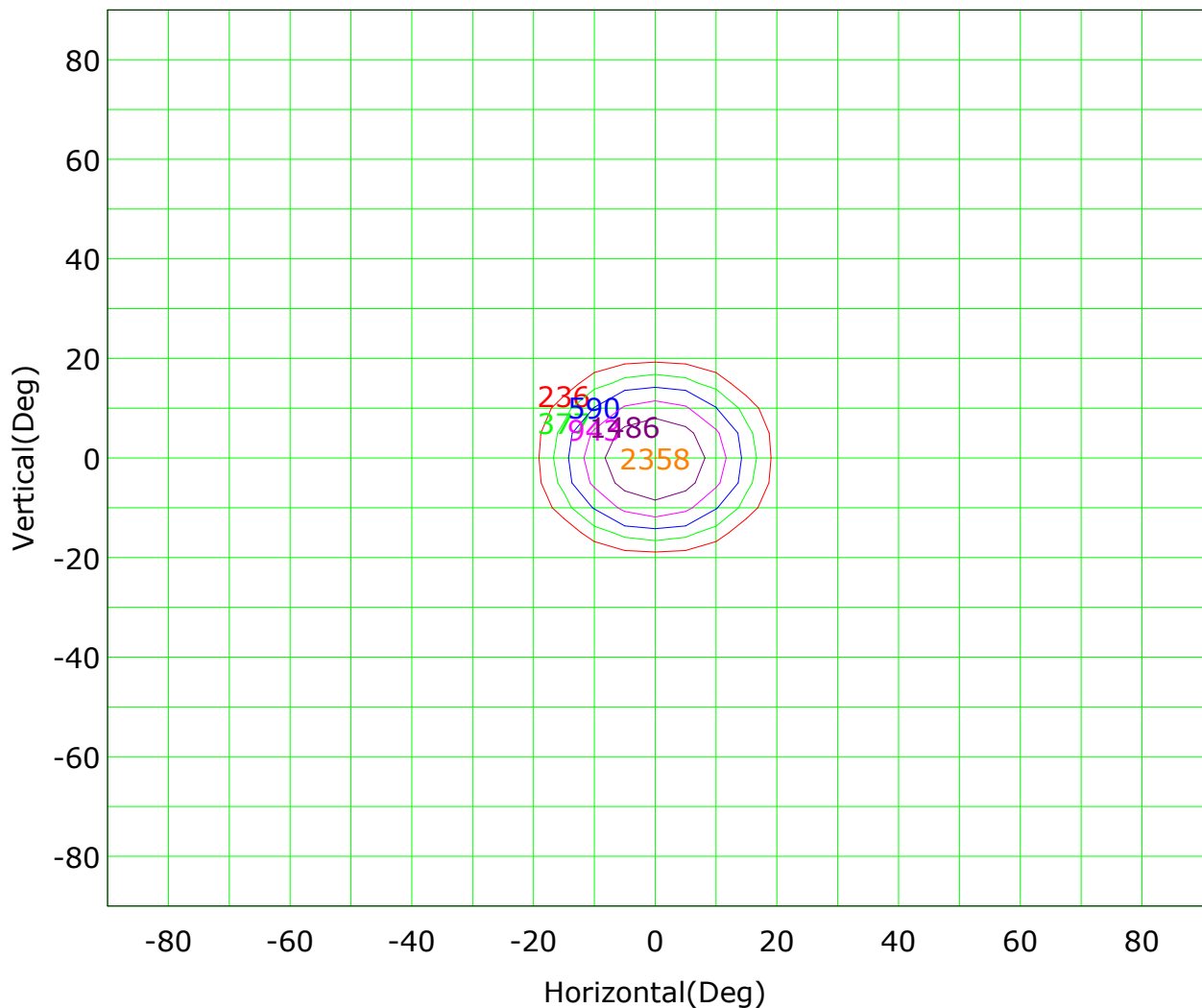
Luminous Intensity Distribution Curve



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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

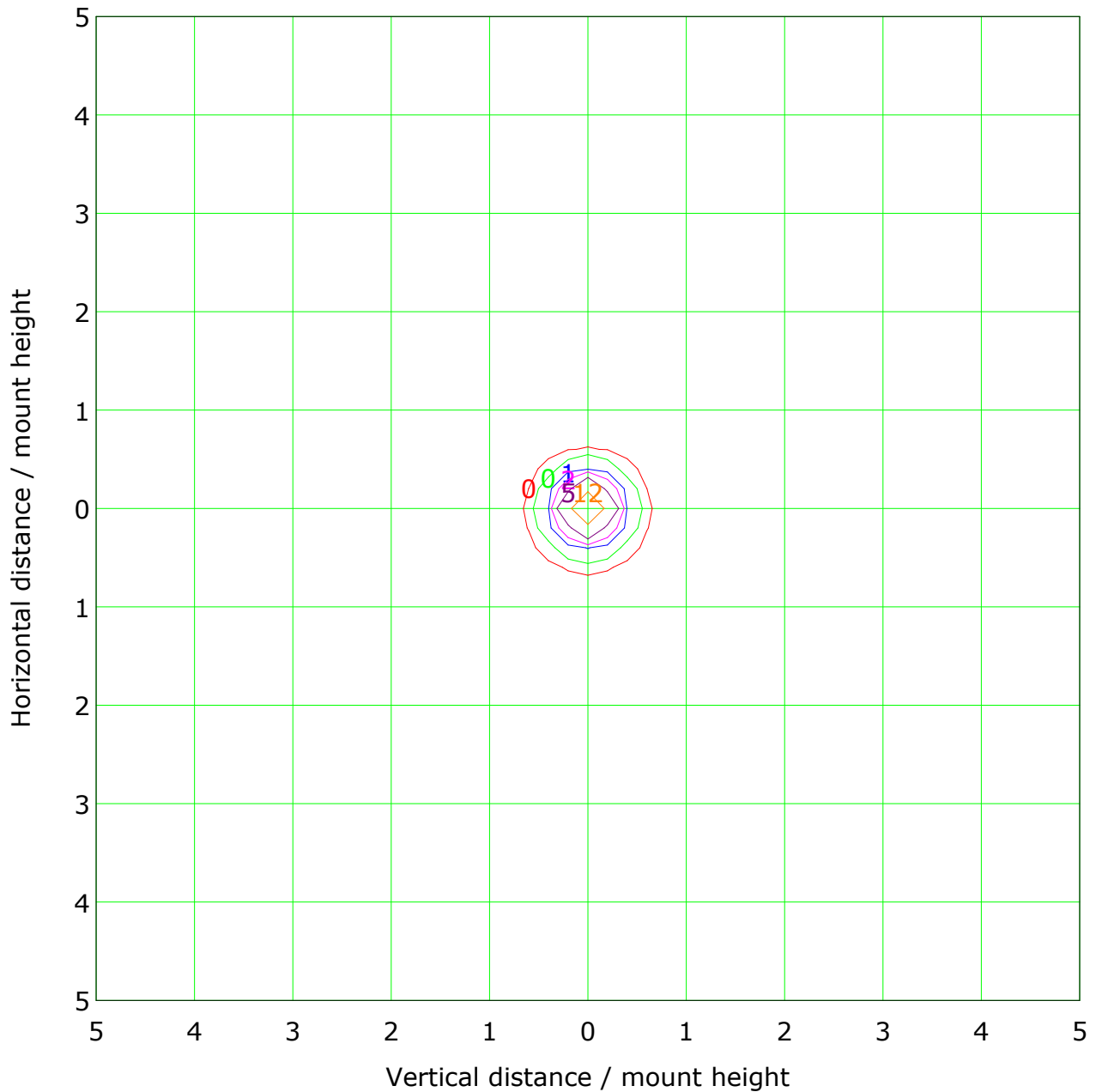
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

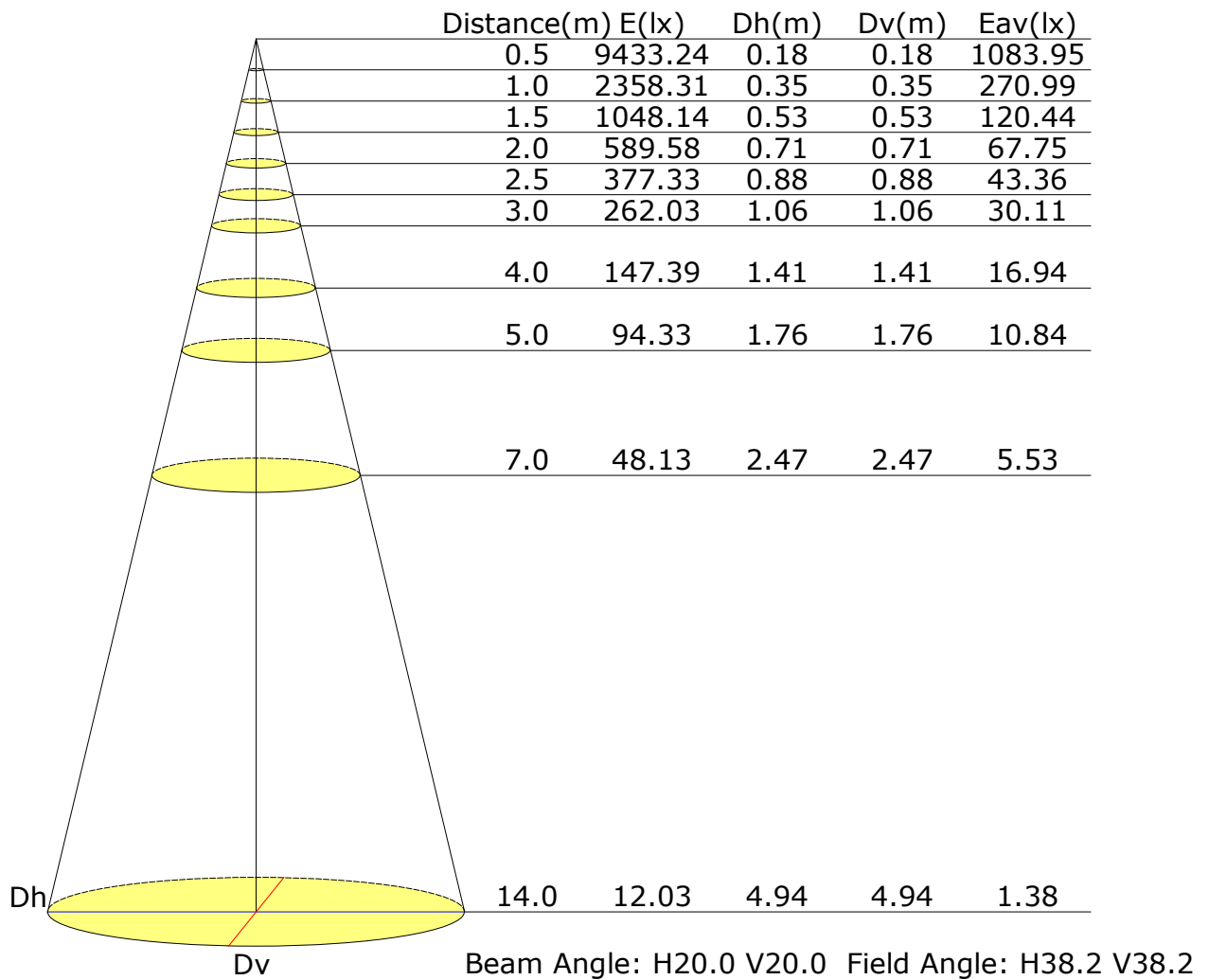


| | | | |
|--|-------|-----------|-------|
| Mounting Height: 10m Max Lux(100%): 24 lx | | | |
| — (1%): | 0 lx | — (2%): | 0 lx |
| — (5%): | 1 lx | — (10%): | 2 lx |
| — (20%): | 5 lx | — (50%): | 12 lx |
| — (100%): | 24 lx | | |

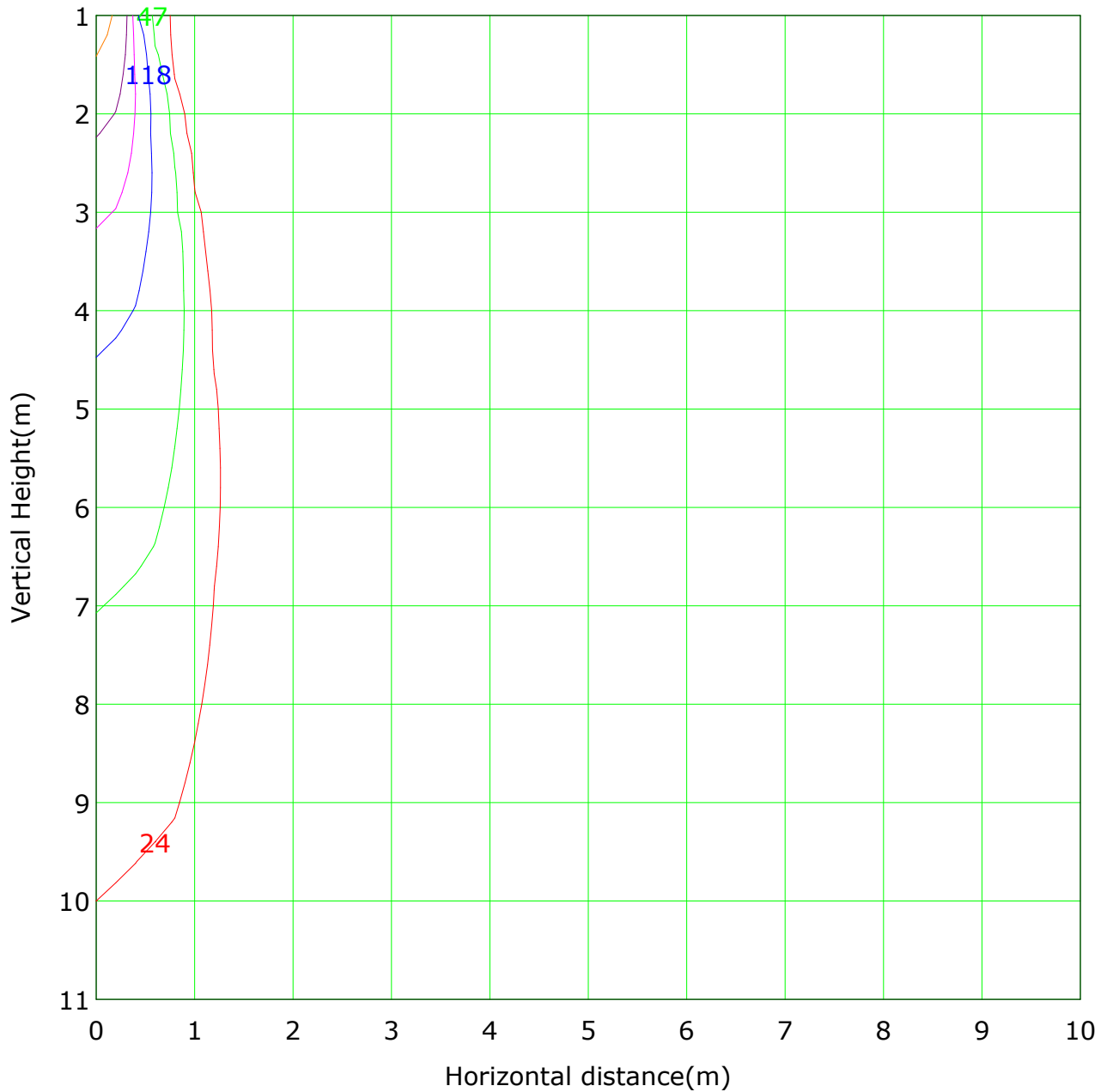
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Illuminance at a Distance



Vertical IsoLux Plot



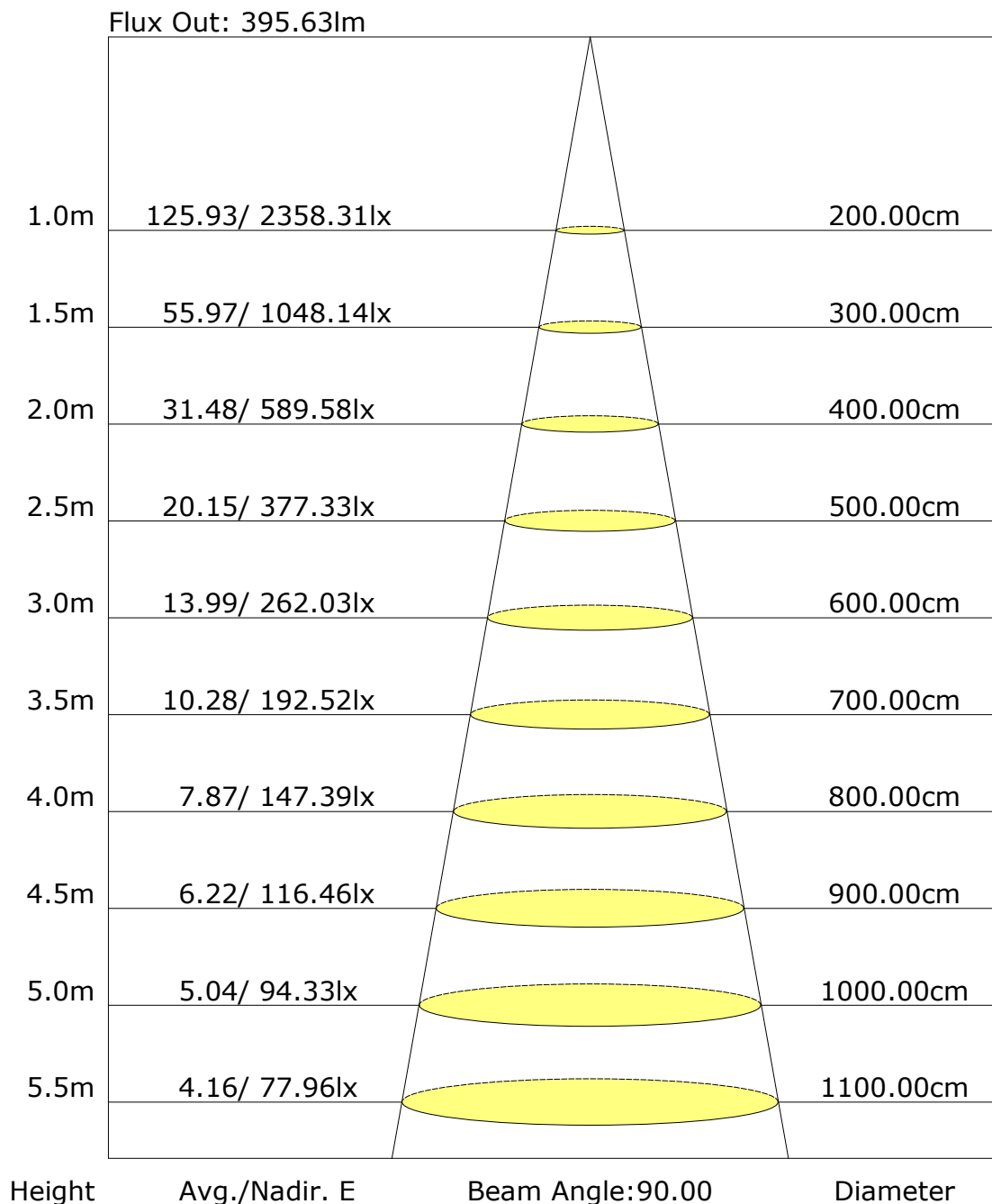
Lowest(m): 1m Highest(m): 11 Max Lux: 2358

| | |
|-----------------|-----------------|
| (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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Distance: 3.000 m
Humidity:
Inspector:

The average illuminance effective figure



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Test Type: TYPE C
Temperature:
Operator:

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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: