

Report No.: 56.05511 Recessed Downlight Test Time: 2023-07-03 14:57

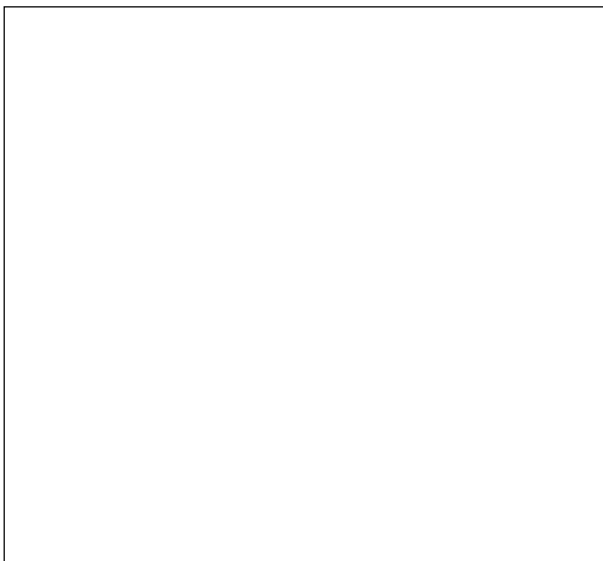
Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90
Luminaire Description: 50D
Current: 0.059 A
Power Factor: 0.577
Voltage: 216.9 V
Power: 7.50 W

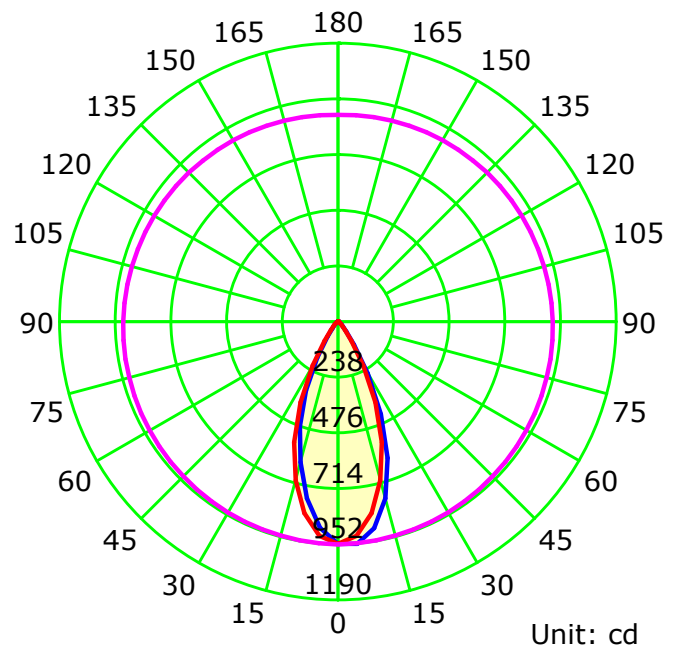
Photometric Results

CIE Class: Direct
Measurement Flux: 560.9 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H44
Vertical Diffuse Angle(50%): V44
Luminaire Efficacy Rating (LER): 75
Max. Intensity: 952.93 cd
Total Rated Lamp Lumens: 560.9 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 949.9 cd
Pos of Max. Intensity: H0 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve

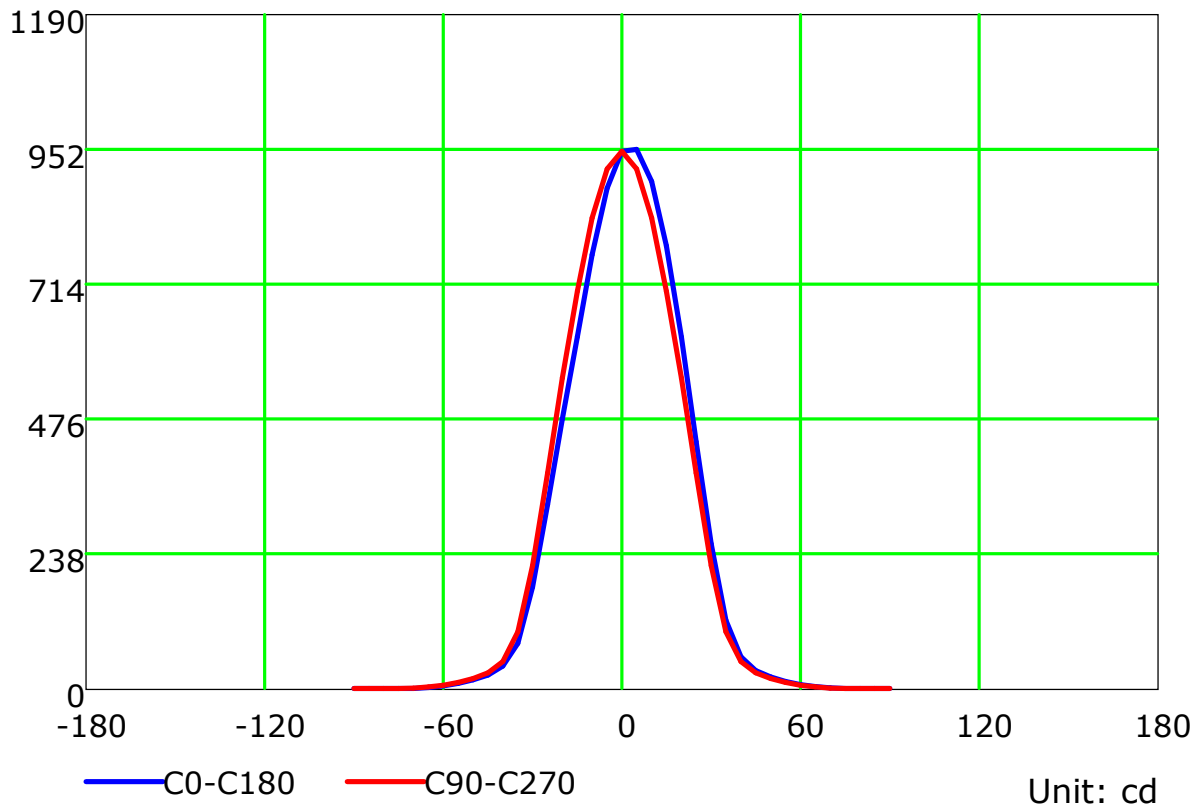
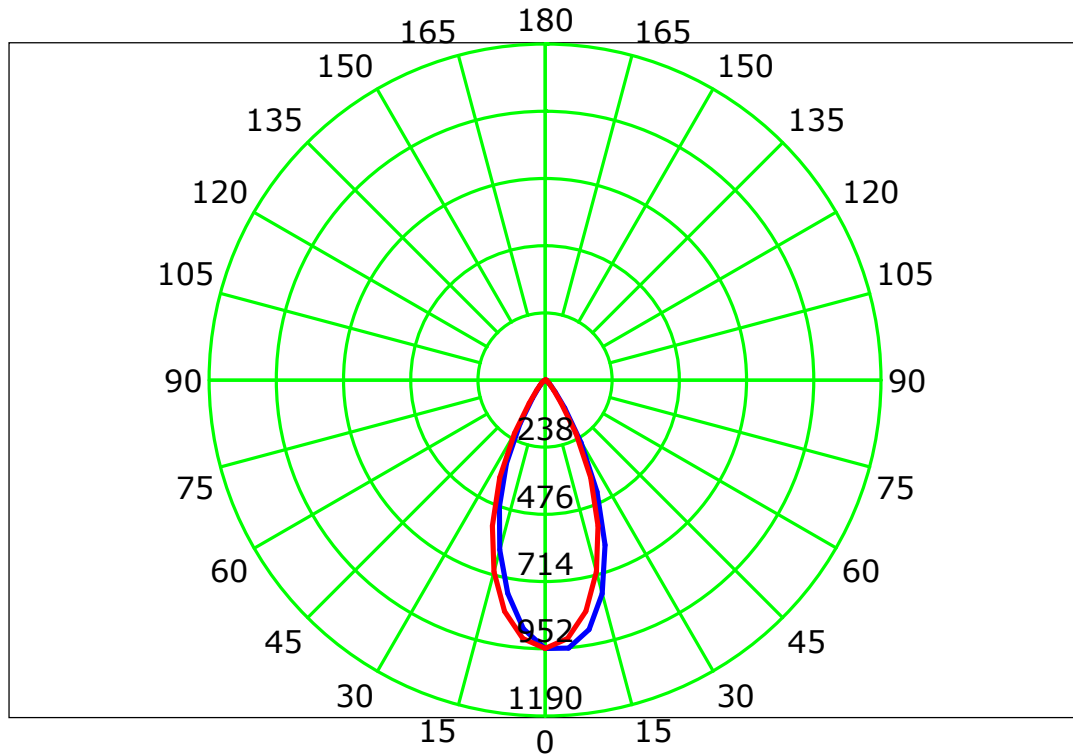


— C0-C180 — C90-C270 — G5

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:

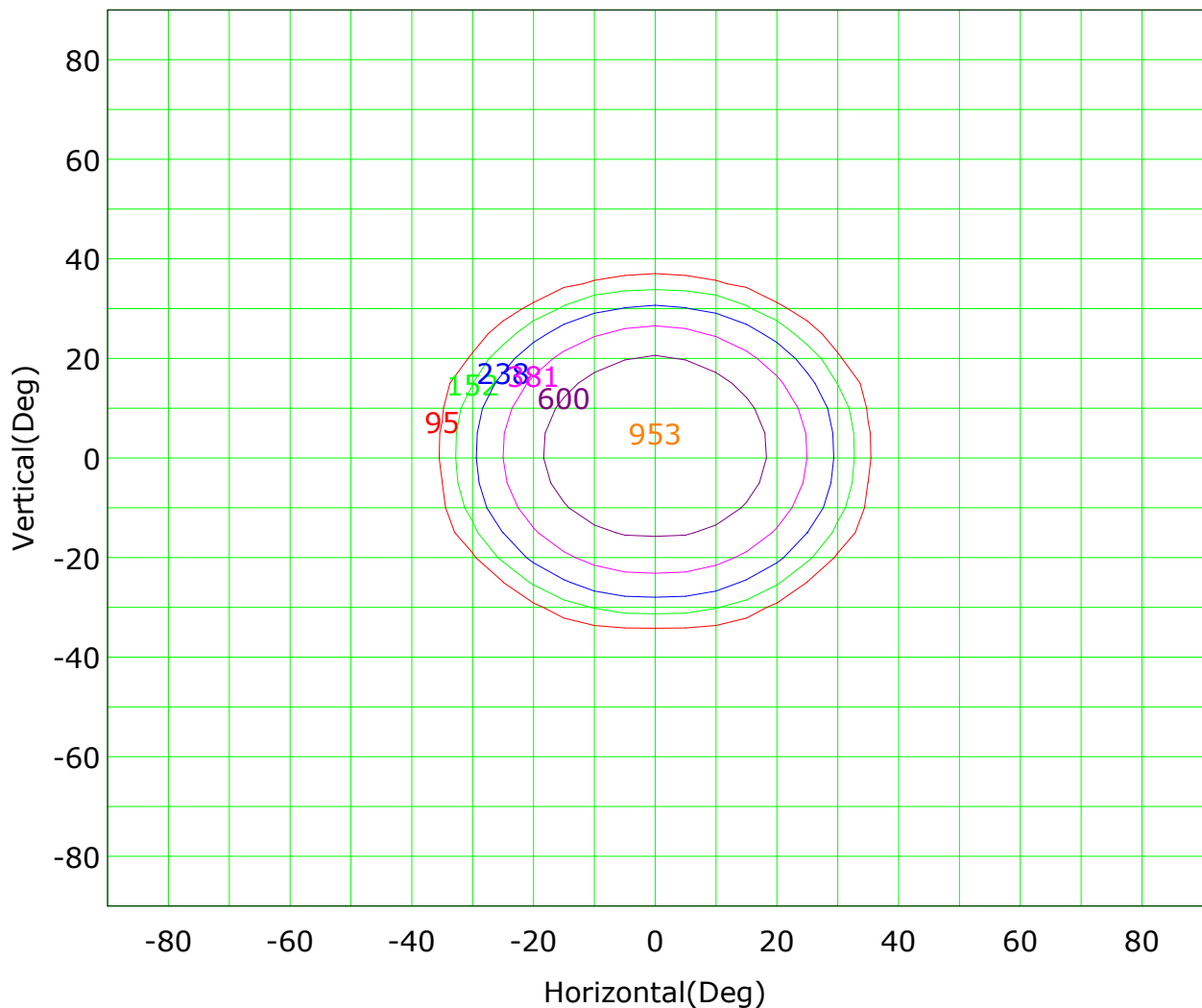
Luminous Intensity Distribution Curve



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Isocandela (rectangle)



Imax (100%): 953 cd

(10%):	95 cd	(16%):	152 cd
(25%):	238 cd	(40%):	381 cd
(63%):	600 cd	(100%):	953 cd

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Test Type: TYPE C

Temperature:

Operator:

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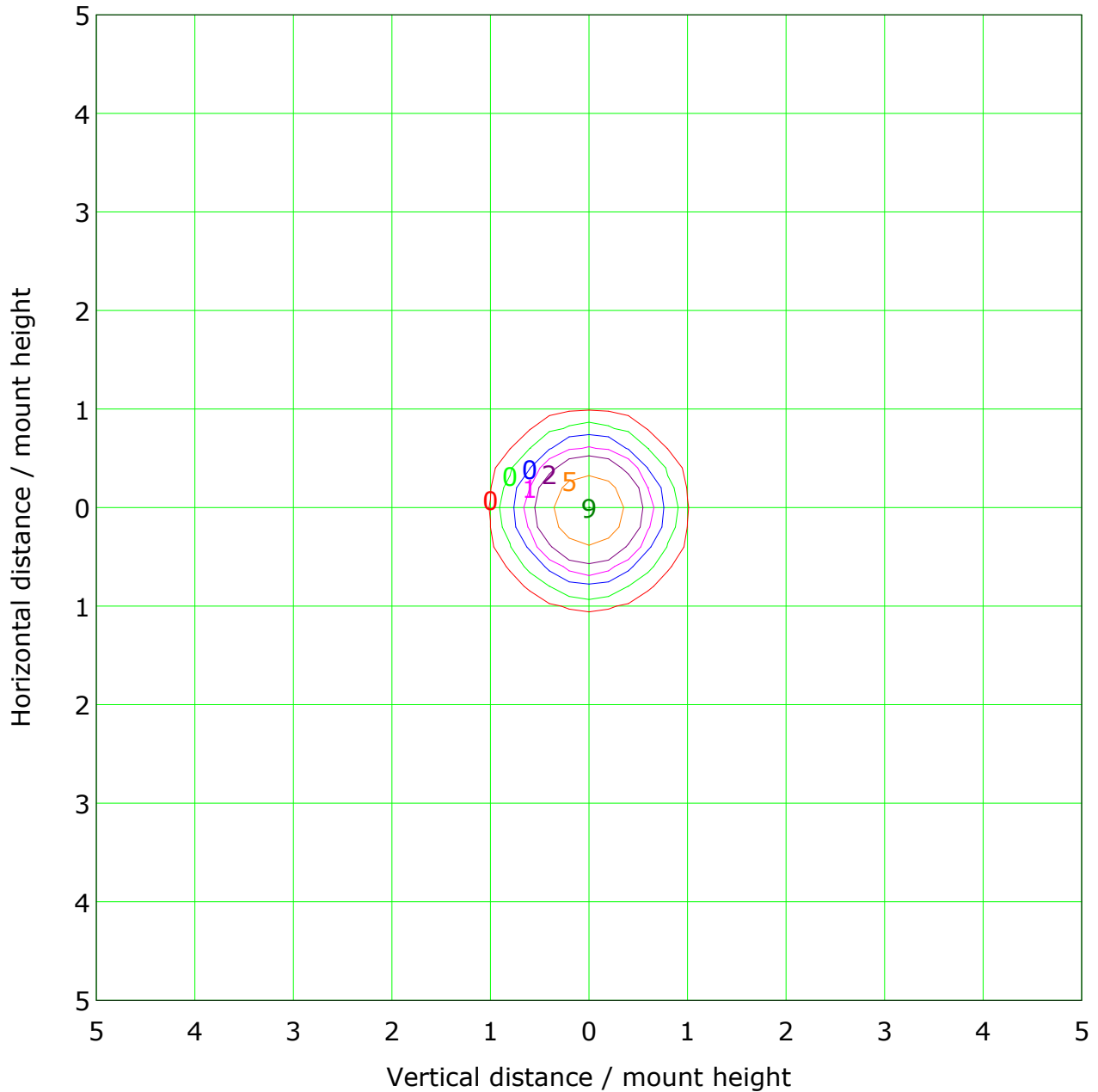
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 9 lx

(1%):	0 lx	(2%):	0 lx
(5%):	0 lx	(10%):	1 lx
(20%):	2 lx	(50%):	5 lx
(100%):	9 lx		

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Test Lab:

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Temperature:

Operator:

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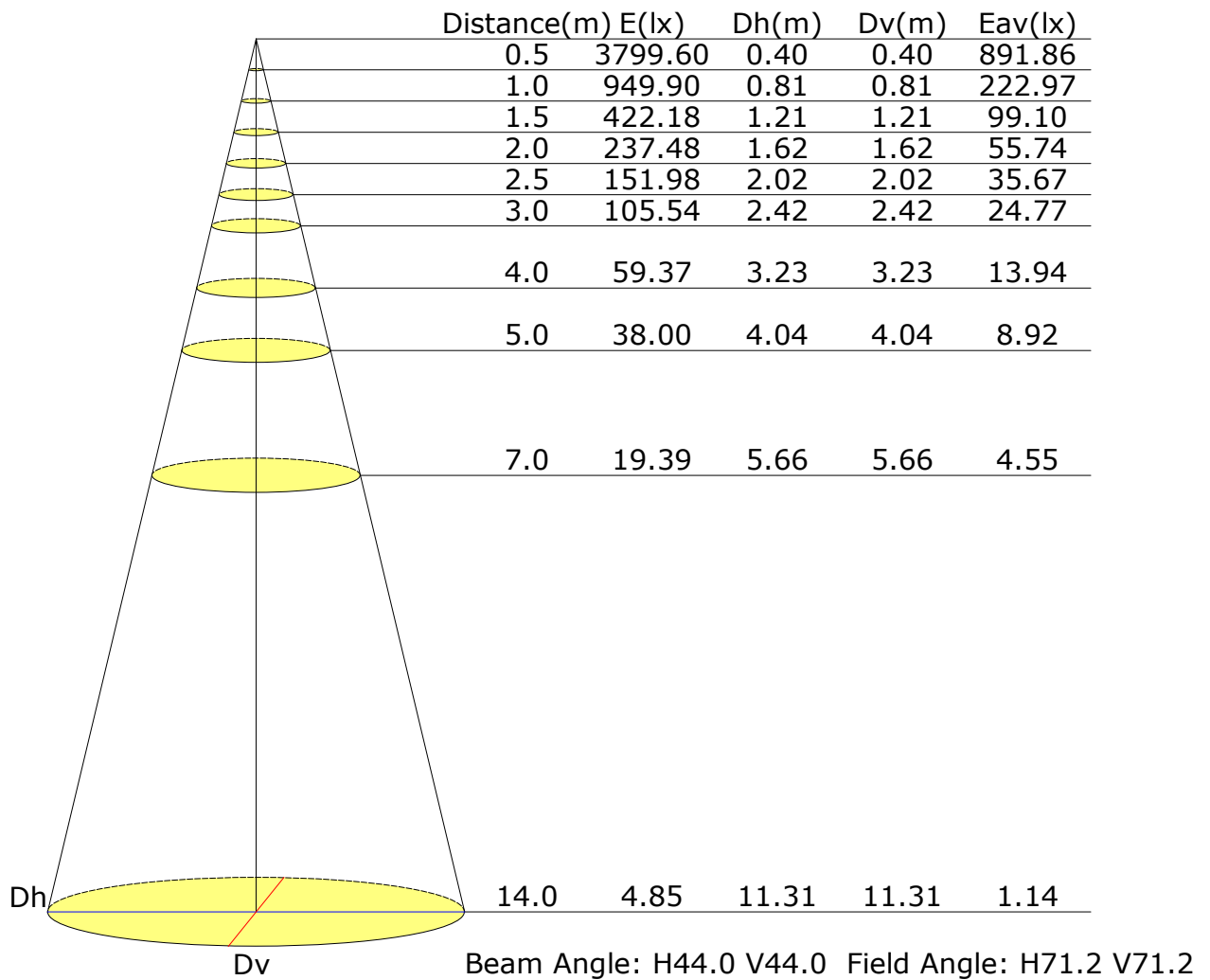
Test Device: CHL-6E

Distance: 3.000 m

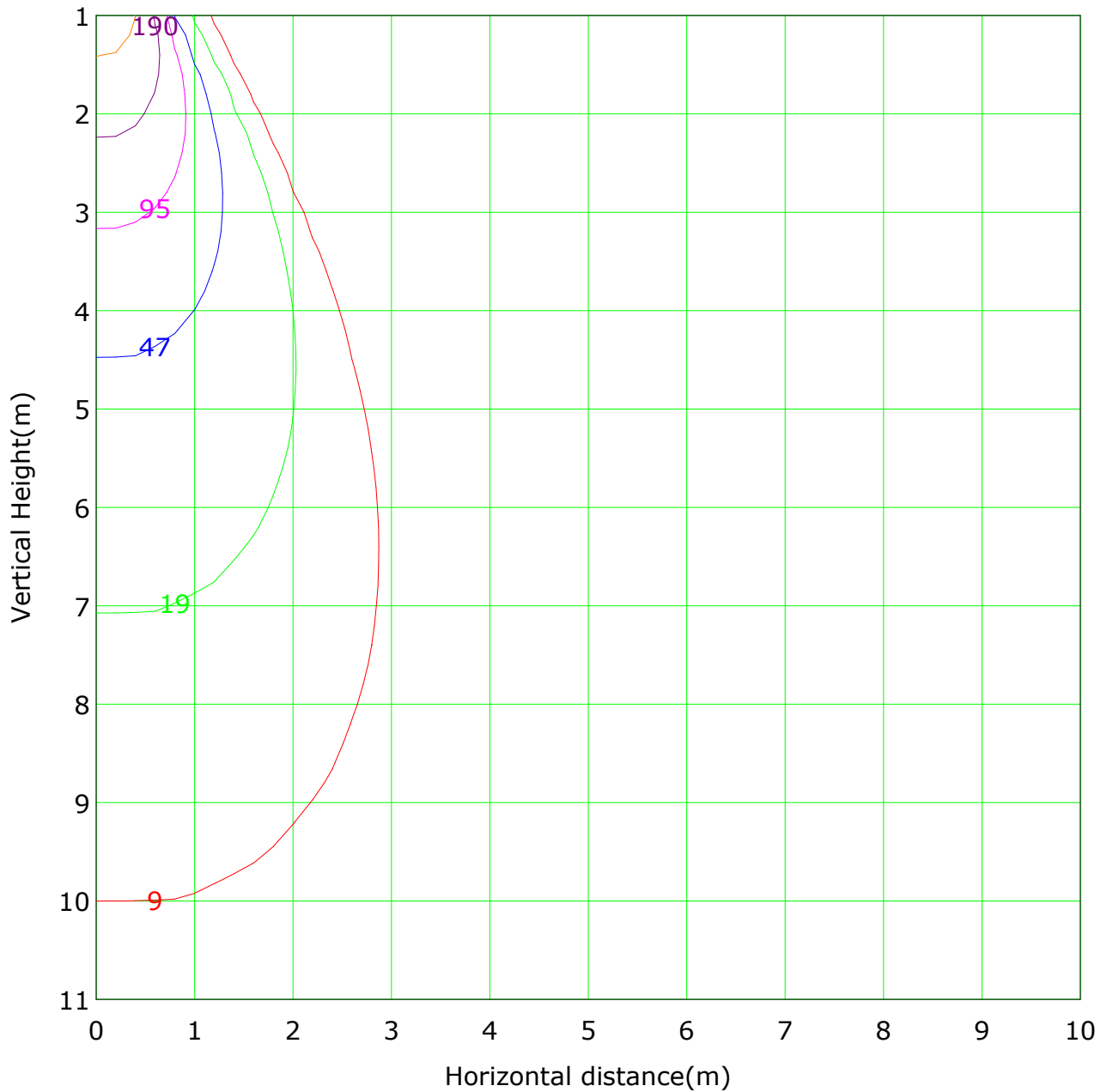
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1m Highest(m): 11 Max Lux: 950

(1%): 9 lx	(2%): 19 lx
(5%): 47 lx	(10%): 95 lx
(20%): 190 lx	(50%): 475 lx
(100%): 950 lx	

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

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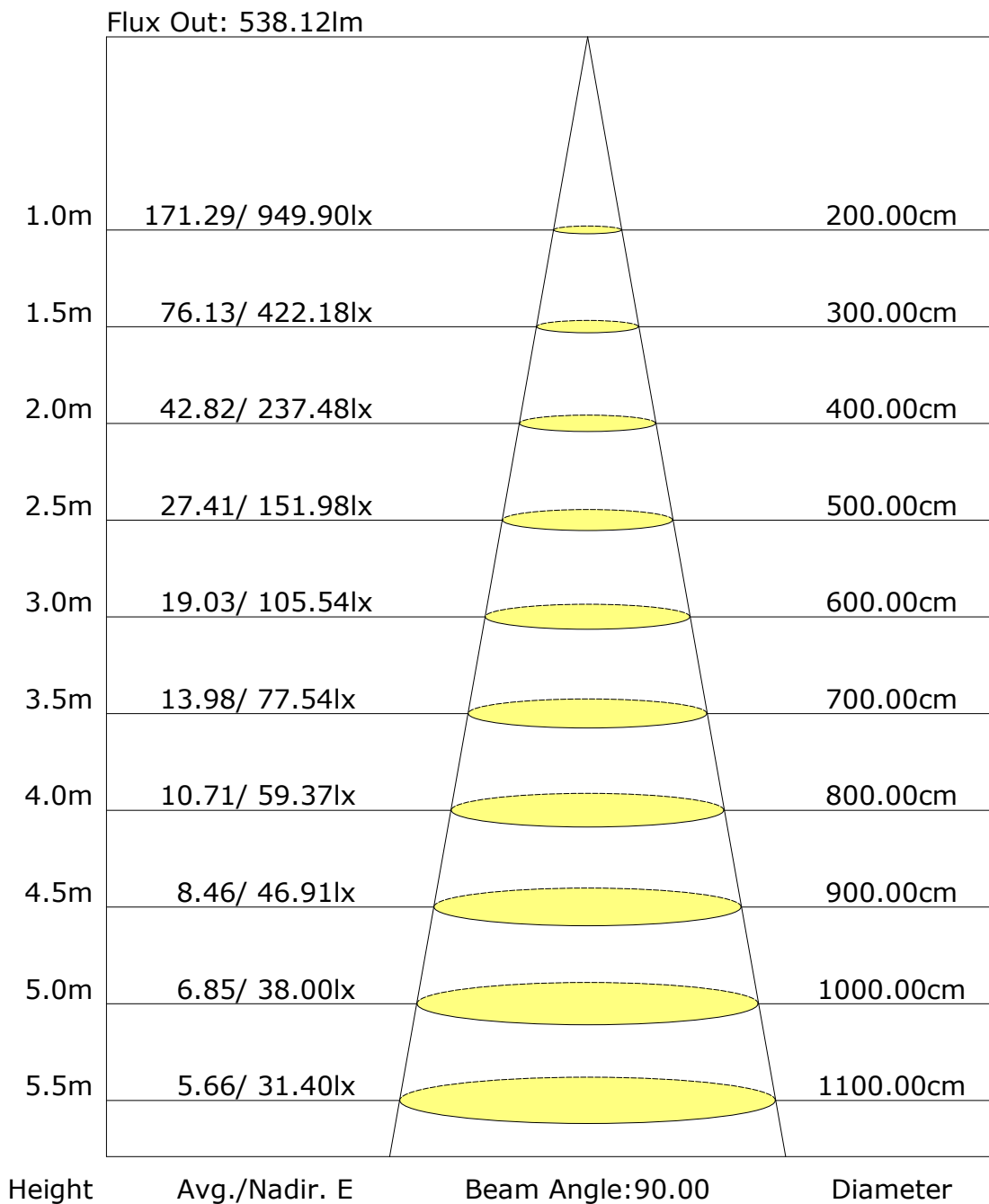
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

The average illuminance effective figure



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Zonal Lumen

[illegible]

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Distance: 3.000 m

Humidity:

Inspector:

Candlepower Table

Unit: cd

[illegible]

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