

Report No.: 56.02313 NOVAL Downlight

Test Time: 2023-07-03 16:10

Luminaire Property

Luminaire Category: Bridgelux 3535 3000K CRI90

Voltage: 212.5 V

Current: 0.022 A

Power: 2.60 W

Power Factor: 0.541

Photometric Results

CIE Class: Direct

Measurement Flux: 90.2 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H31.1

Vertical Diffuse Angle(50%): V31.1

Luminaire Efficacy Rating (LER): 35

Max. Intensity: 231.09 cd

Total Rated Lamp Lumens: 90.2 lm

Efficiency: 100%

Upward Ratio: 0%

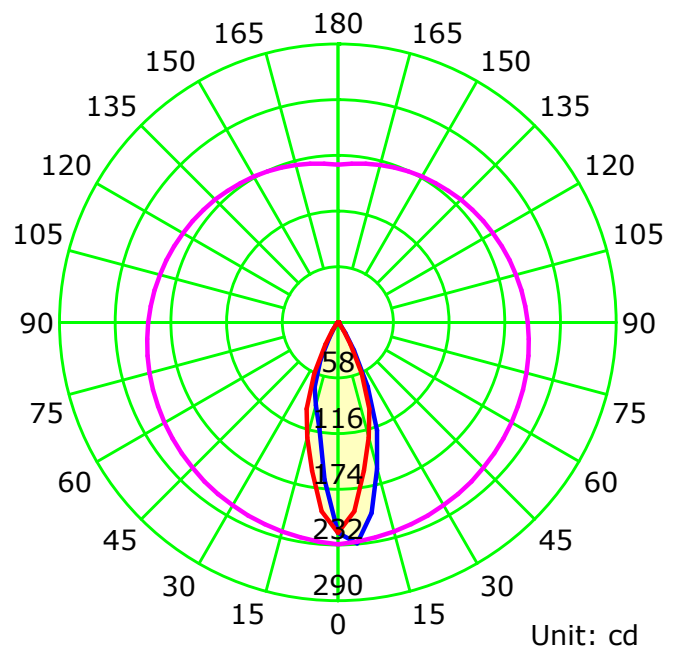
Central Intensity: 219.09 cd

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

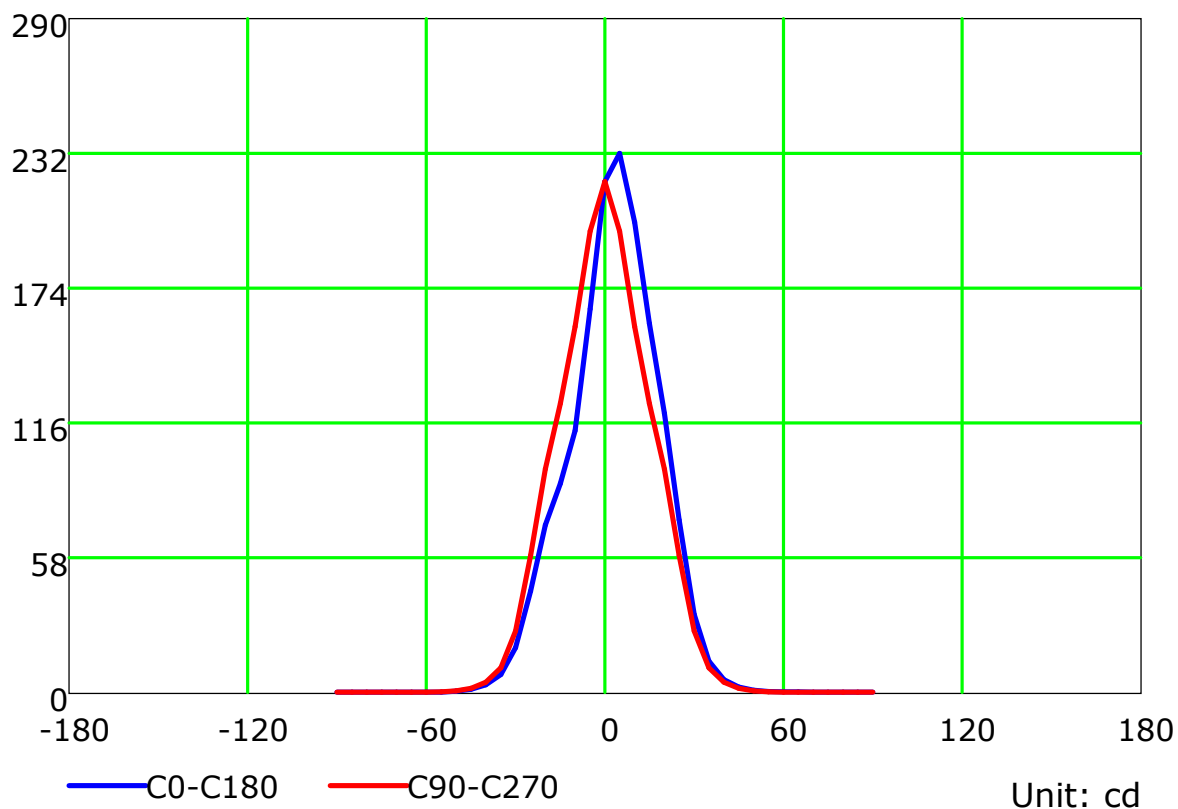
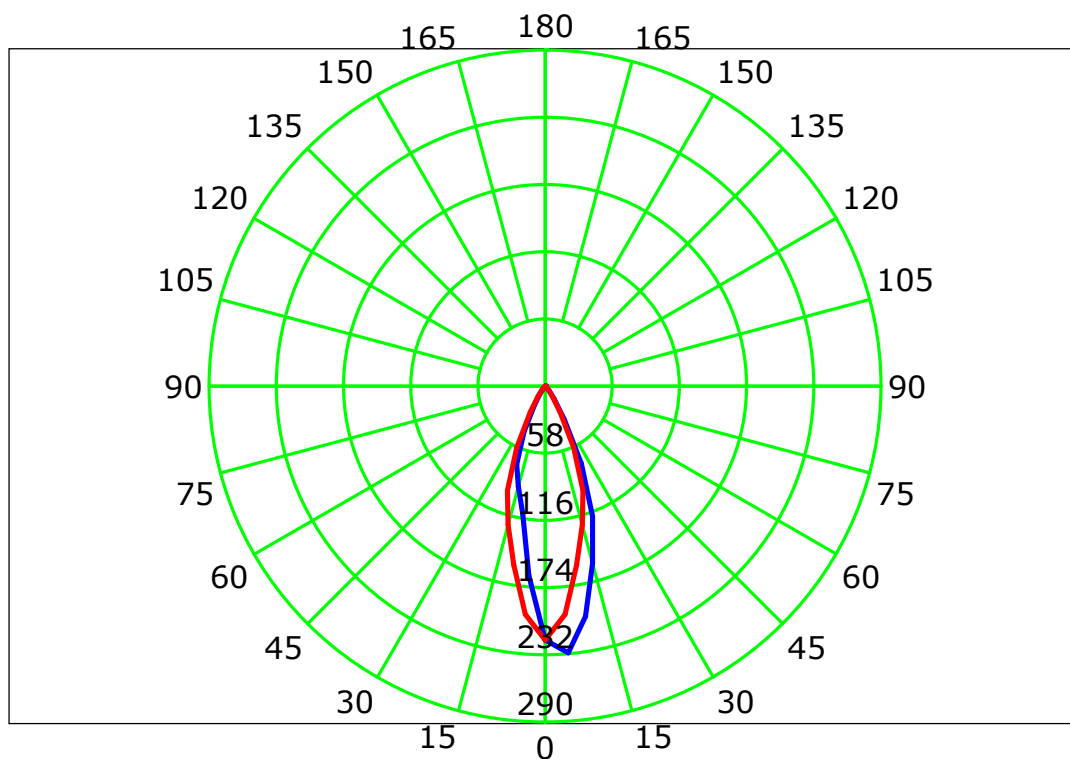
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve

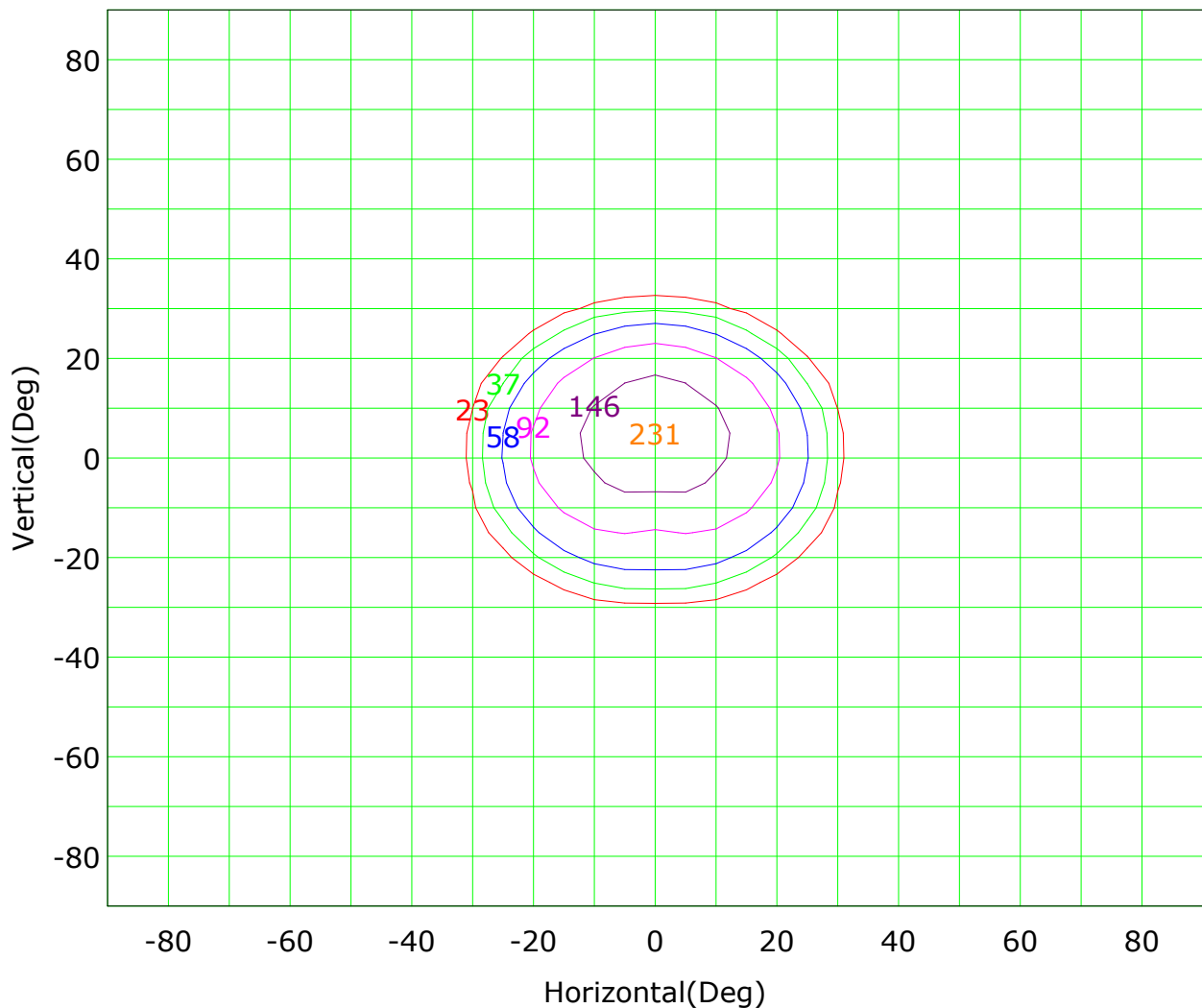


Unit: cd

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:

Isocandela (rectangle)



Imax (100%): 231 cd

(10%):	23 cd	(16%):	37 cd
(25%):	58 cd	(40%):	92 cd
(63%):	146 cd	(100%):	231 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

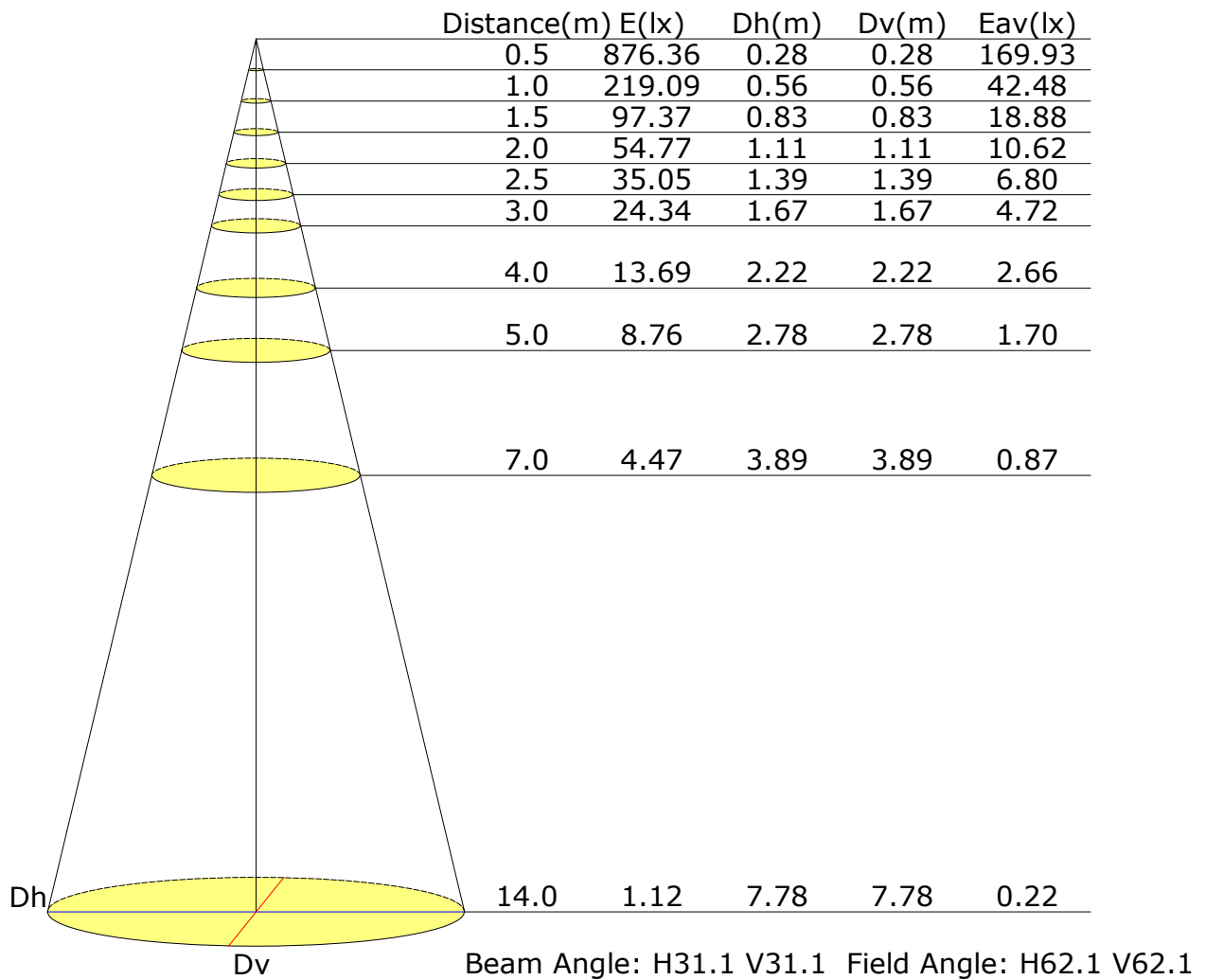
Distance: 3.000 m

Humidity:

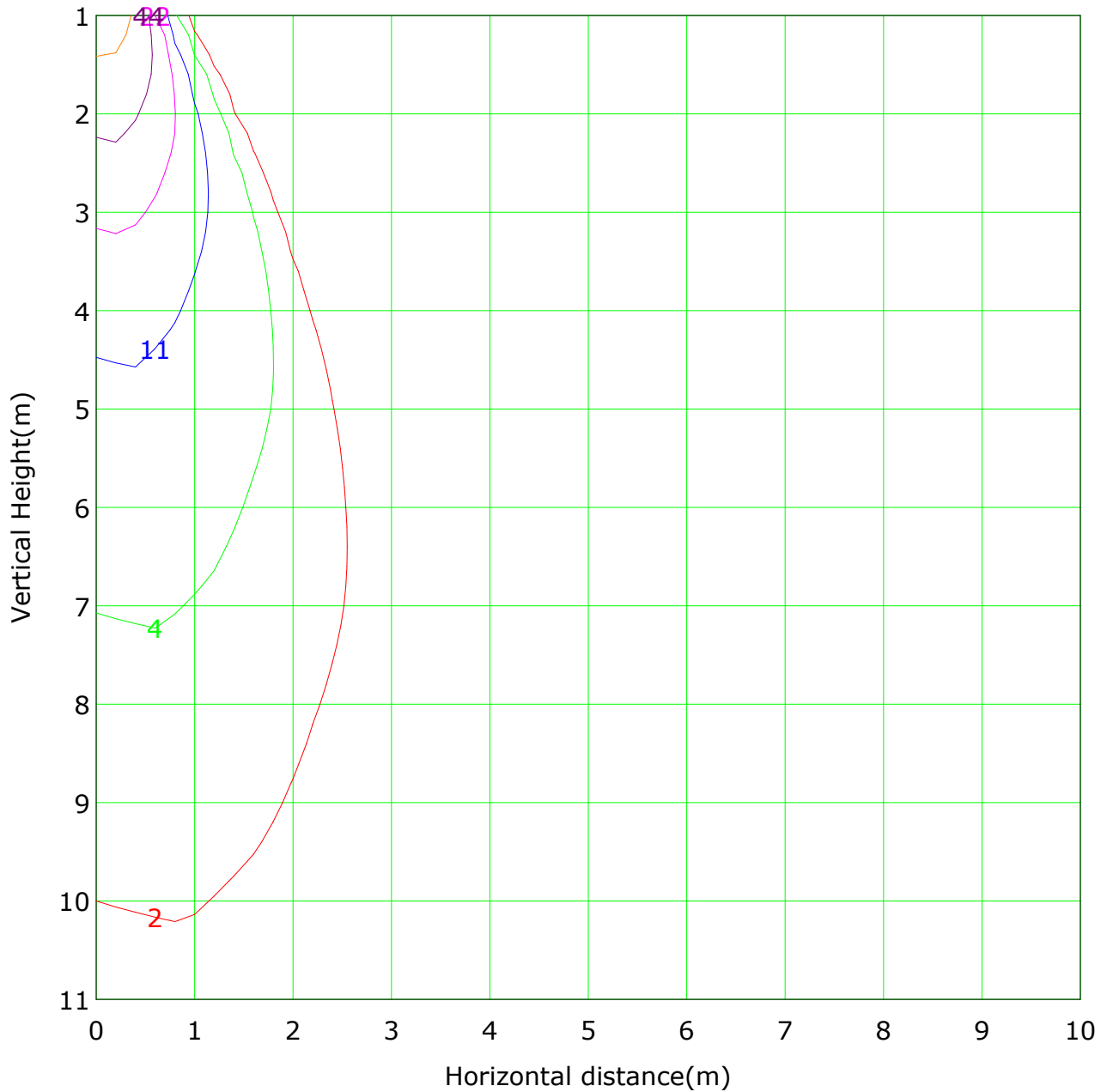
Inspector:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



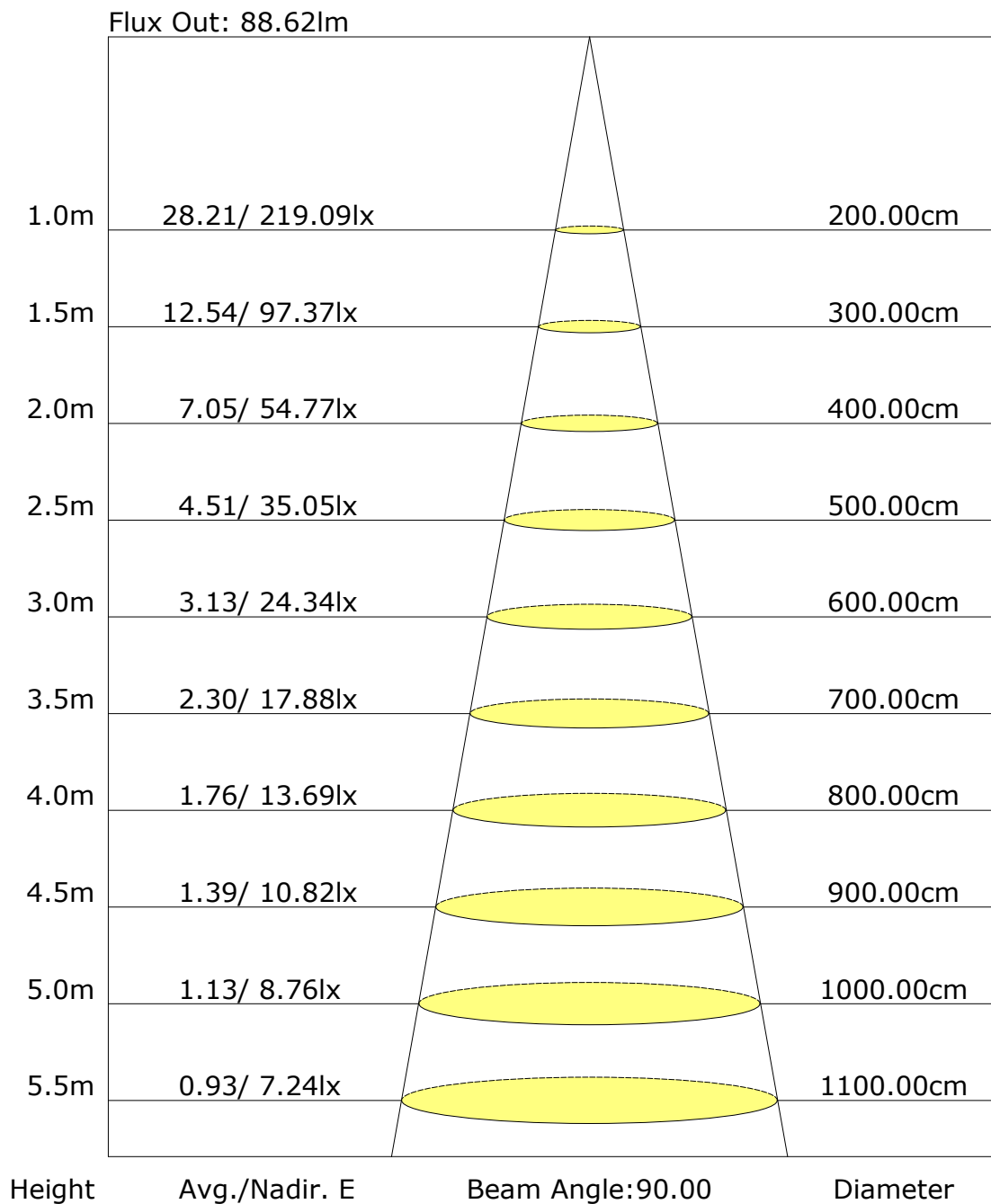
Lowest(m): 1m Highest(m): 11 Max Lux: 219

(1%): 2 lx	(2%): 4 lx
(5%): 11 lx	(10%): 22 lx
(20%): 44 lx	(50%): 110 lx
(100%): 219 lx	

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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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Operator:

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

Zonal Lumen

[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:

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: