

Report No.: 93.06217 RECO Surface Light Test Time: 2023-10-12 18:03

Luminaire Property

Luminaire Category: Bridgelux V3HD 3000K CRI90

Voltage: 229.1 V

Current: 0.056 A

Power: 6.90 W

Power Factor: 0.533

Photometric Results

CIE Class: Direct

Measurement Flux: 418.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H56.8

Vertical Diffuse Angle(50%): V56.8

Luminaire Efficacy Rating (LER): 61

Max. Intensity: 475.36 cd

Total Rated Lamp Lumens: 418.9 lm

Efficiency: 100%

Upward Ratio: 0%

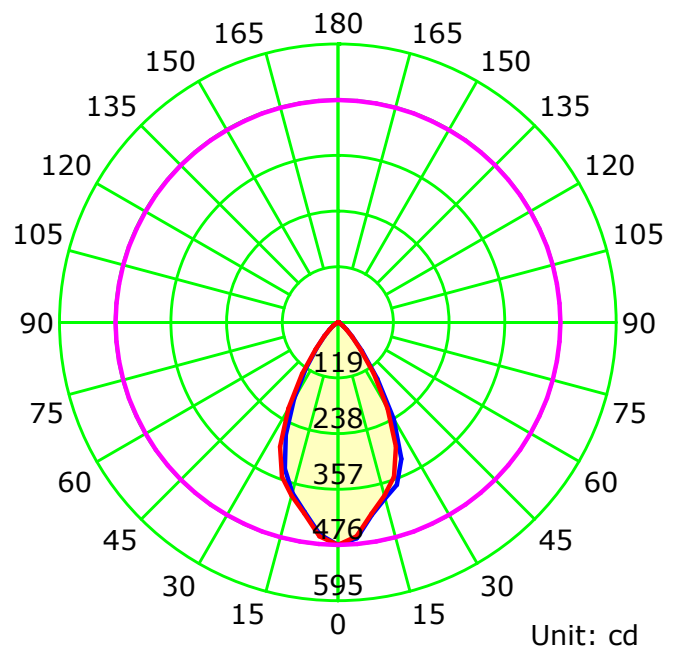
Central Intensity: 475.35 cd

Pos of Max. Intensity: H0 V0

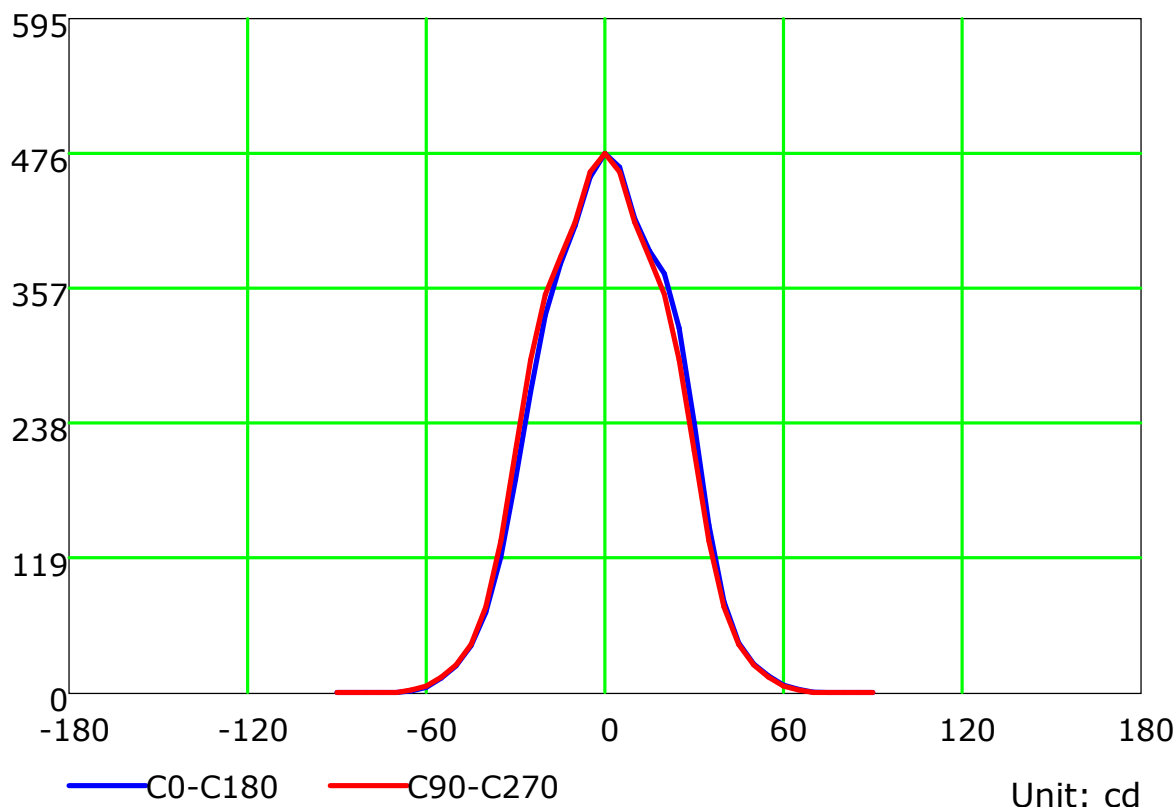
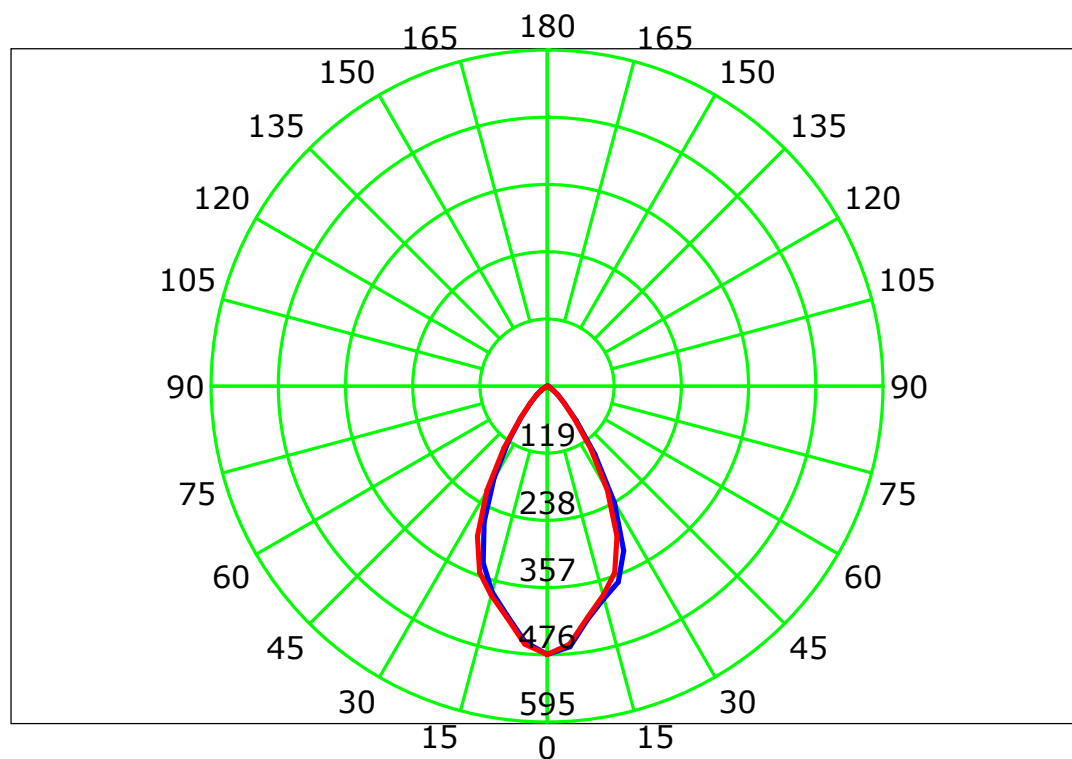
Picture Of Luminaire



Luminous Intensity Distribution Curve



Luminous Intensity Distribution Curve

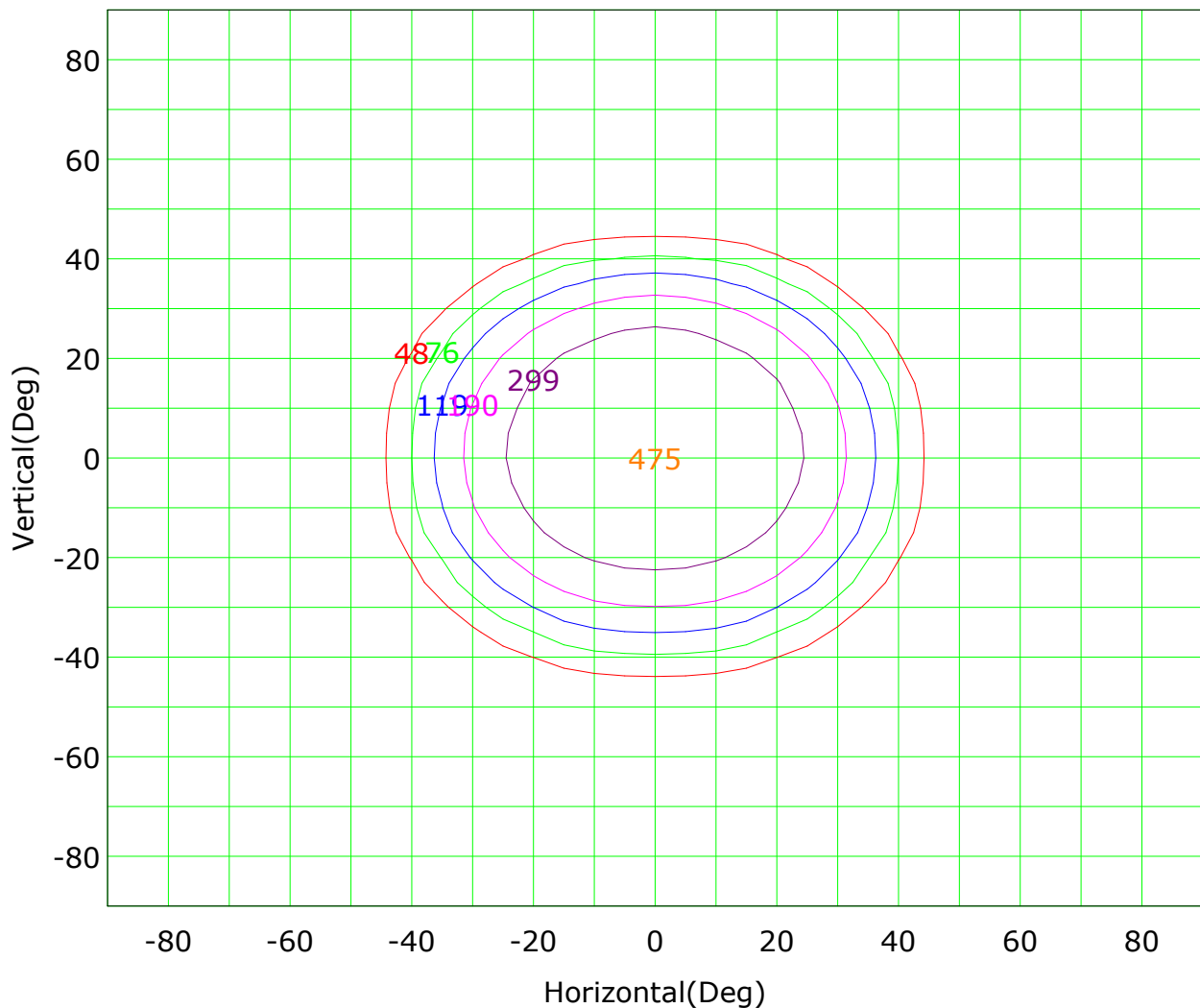


Unit: cd

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%): 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

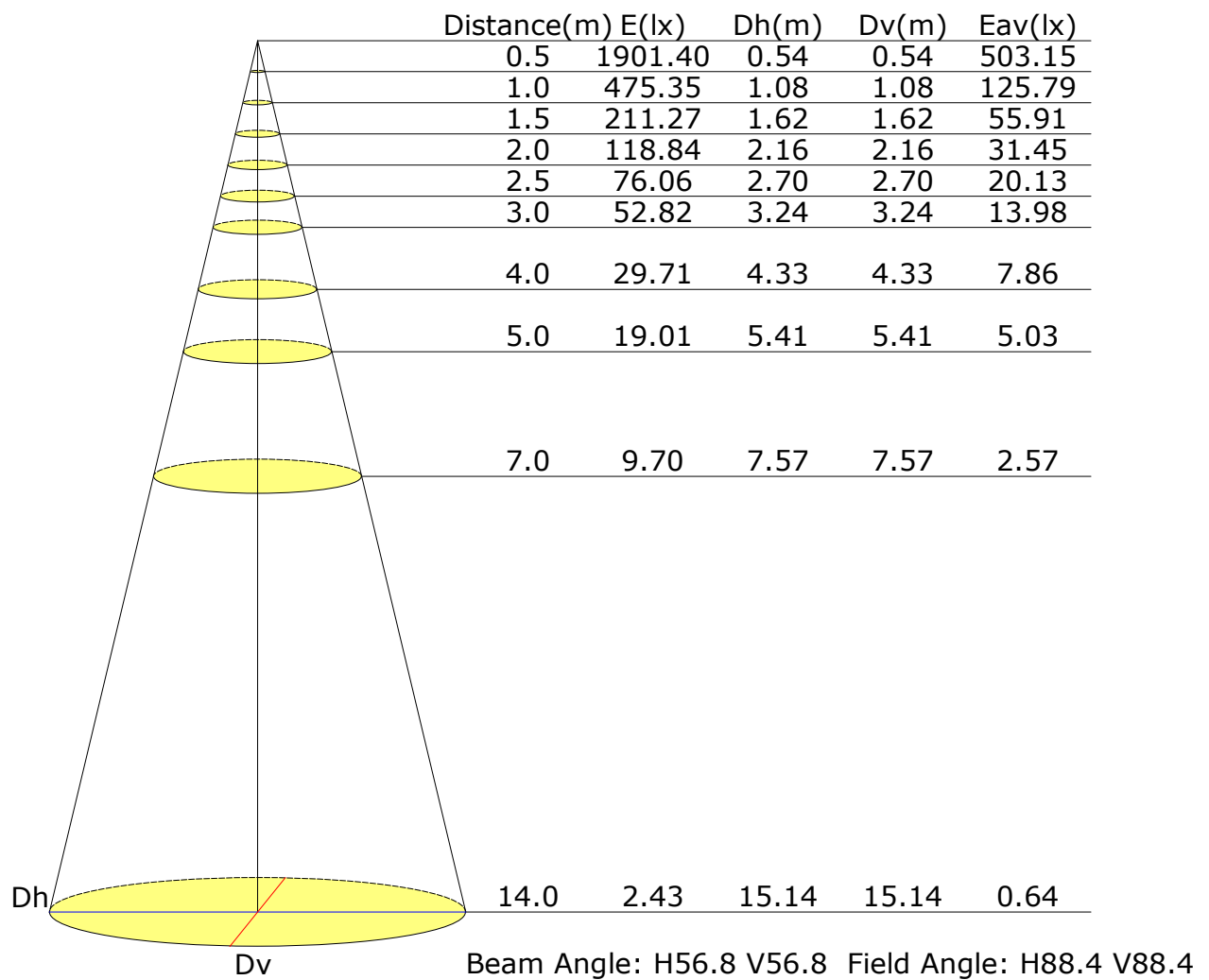
Humidity:

Inspector:

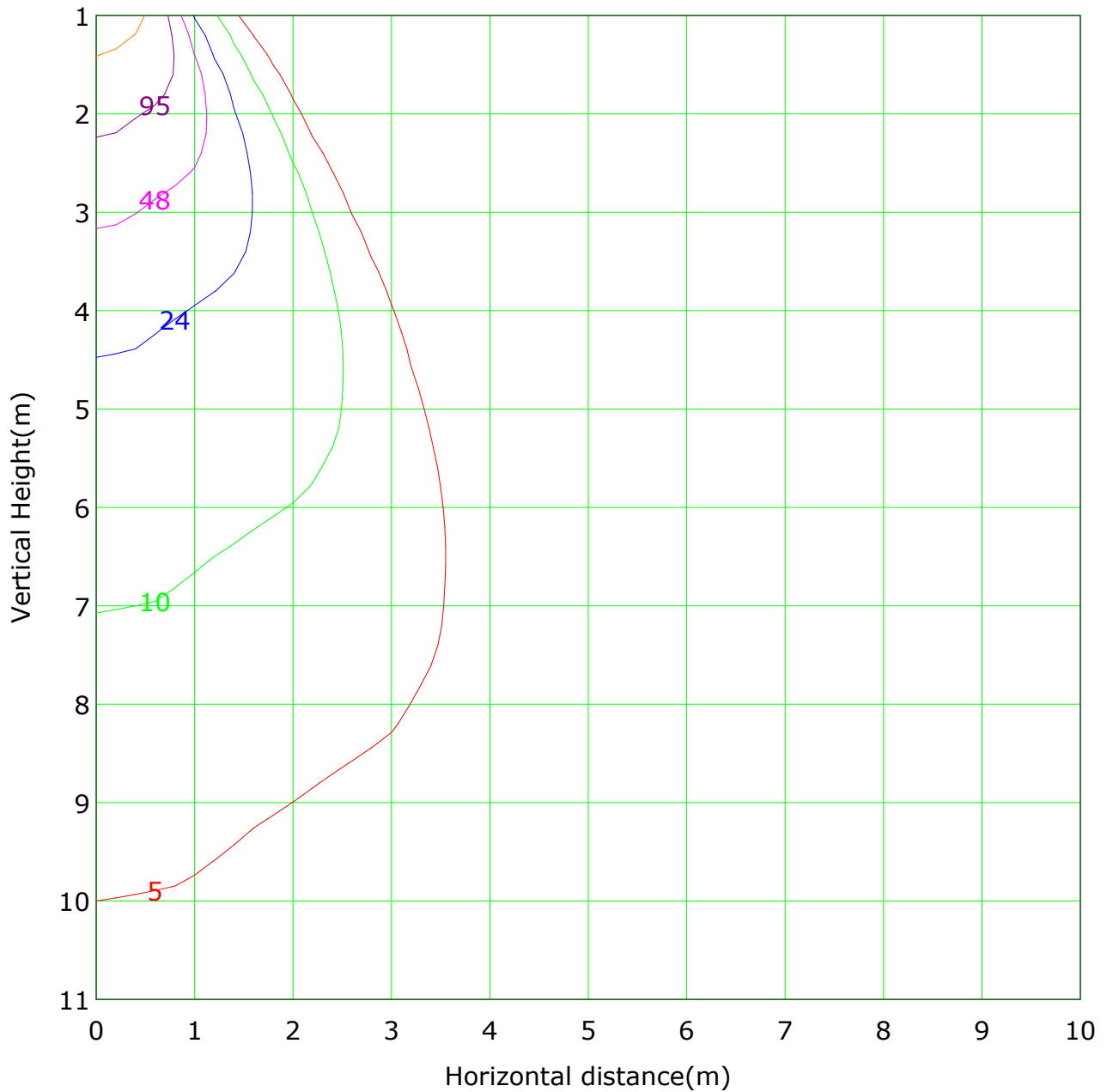
— (1%):	0 lx	— (2%):	0 lx
— (5%):	0 lx	— (10%):	0 lx
— (20%):	1 lx	— (50%):	2 lx
— (100%):	5 lx		

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



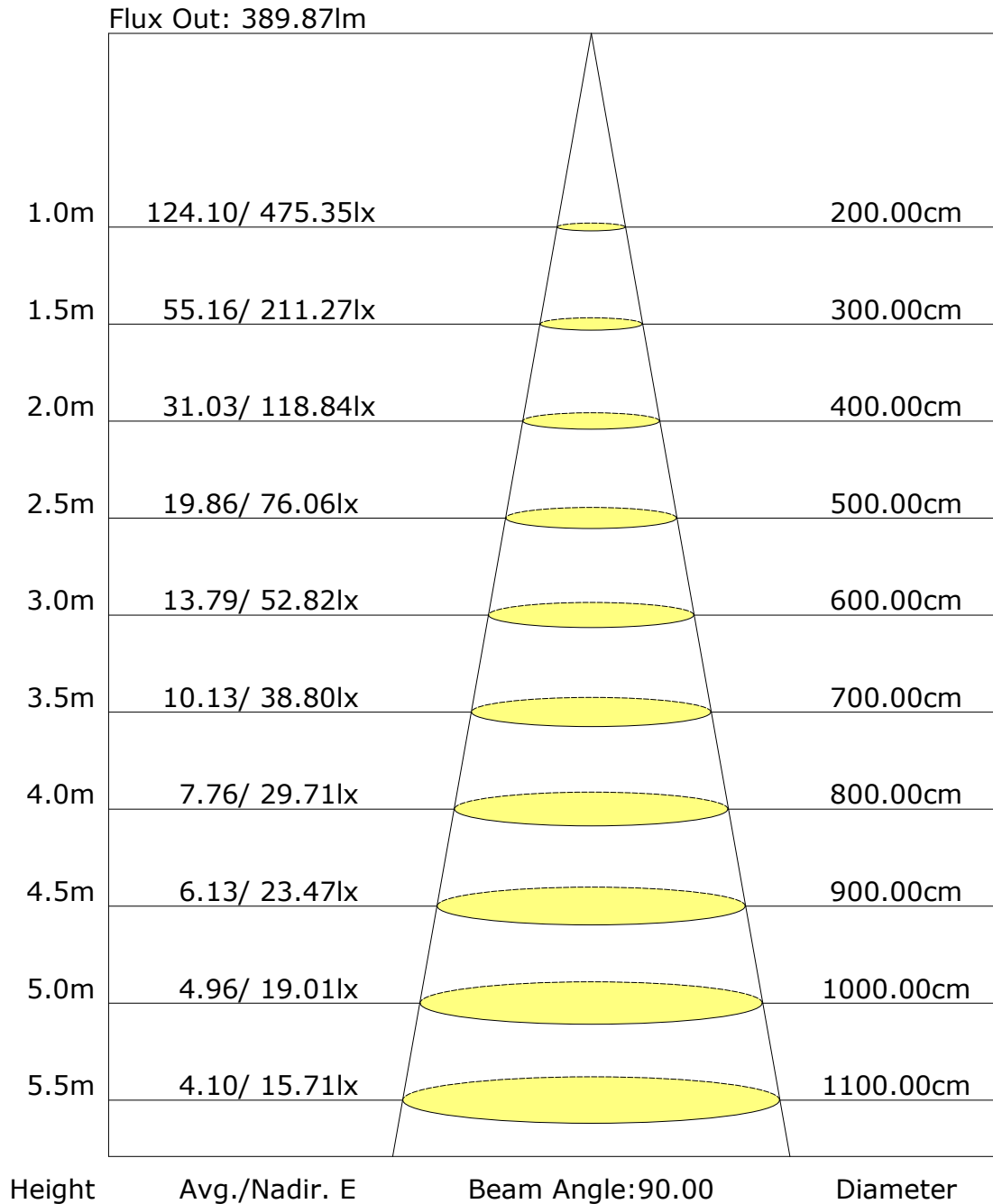
Lowest(m): 1m Highest(m): 11 Max Lux: 475

(1%): 5 lx	(2%): 10 lx
(5%): 24 lx	(10%): 48 lx
(20%): 95 lx	(50%): 238 lx
(100%): 475 lx	

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:

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

Unit: cd

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector: