

Report No.: 52.08011 ECO Down Light

Test Time: 2023-07-03 11:27

Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Luminaire Description: 36D

Current: 0.110 A

Power Factor: 0.607

Voltage: 215.0 V

Power: 14.60 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1053.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H30.7

Vertical Diffuse Angle(50%): V30.7

Luminaire Efficacy Rating (LER): 72

Max. Intensity: 3787.68 cd

Total Rated Lamp Lumens: 1053.9 lm

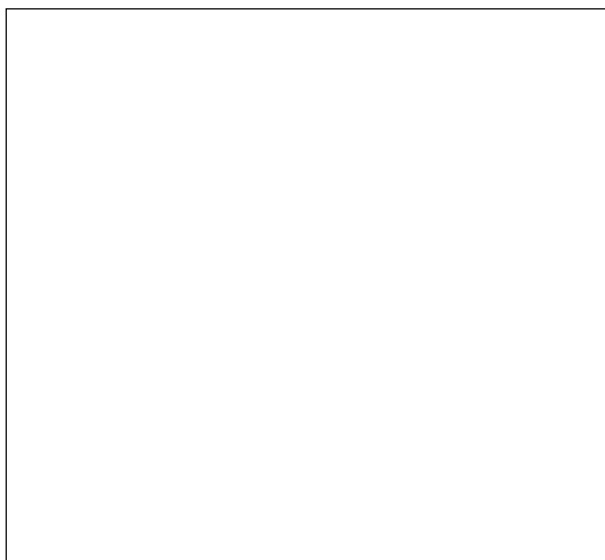
Efficiency: 100%

Upward Ratio: 0%

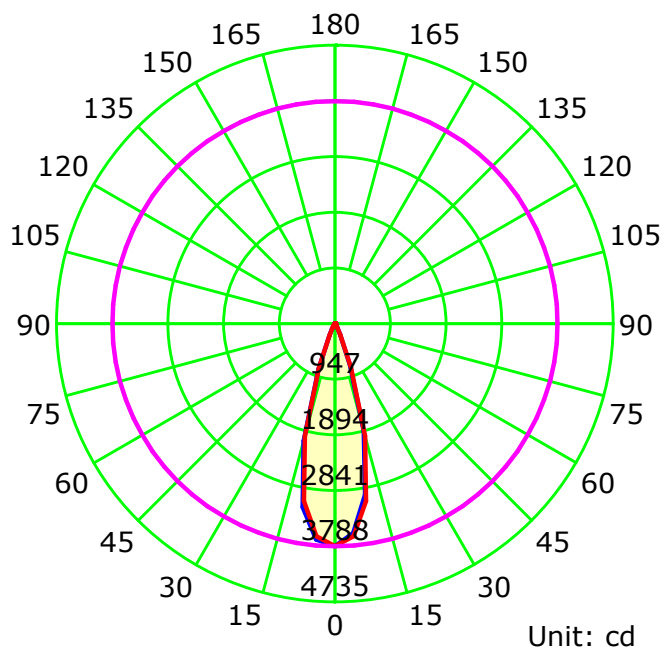
Central Intensity: 3787.68 cd

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

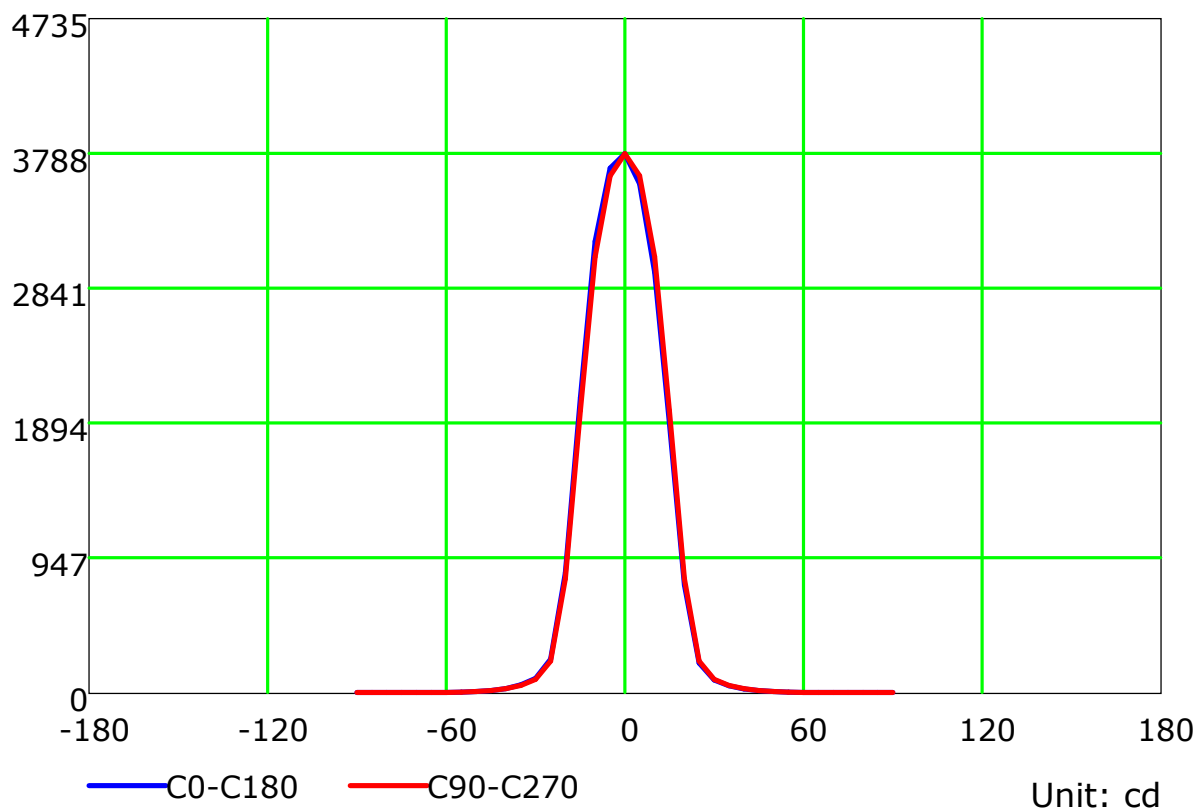
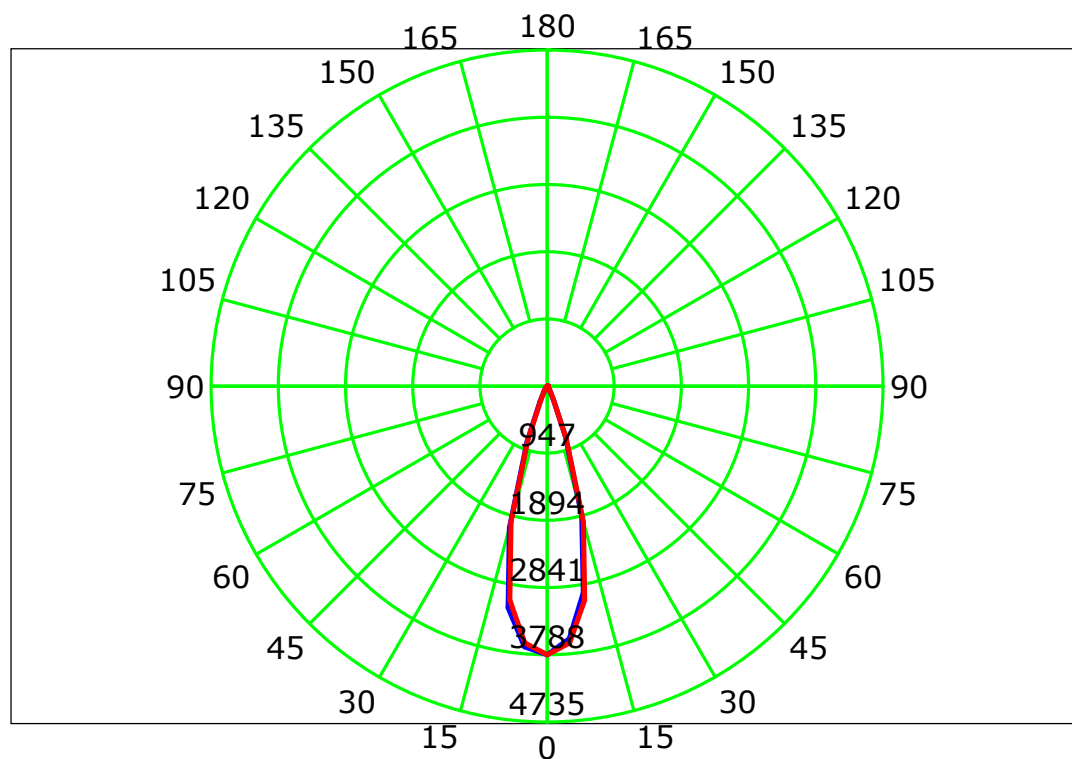
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

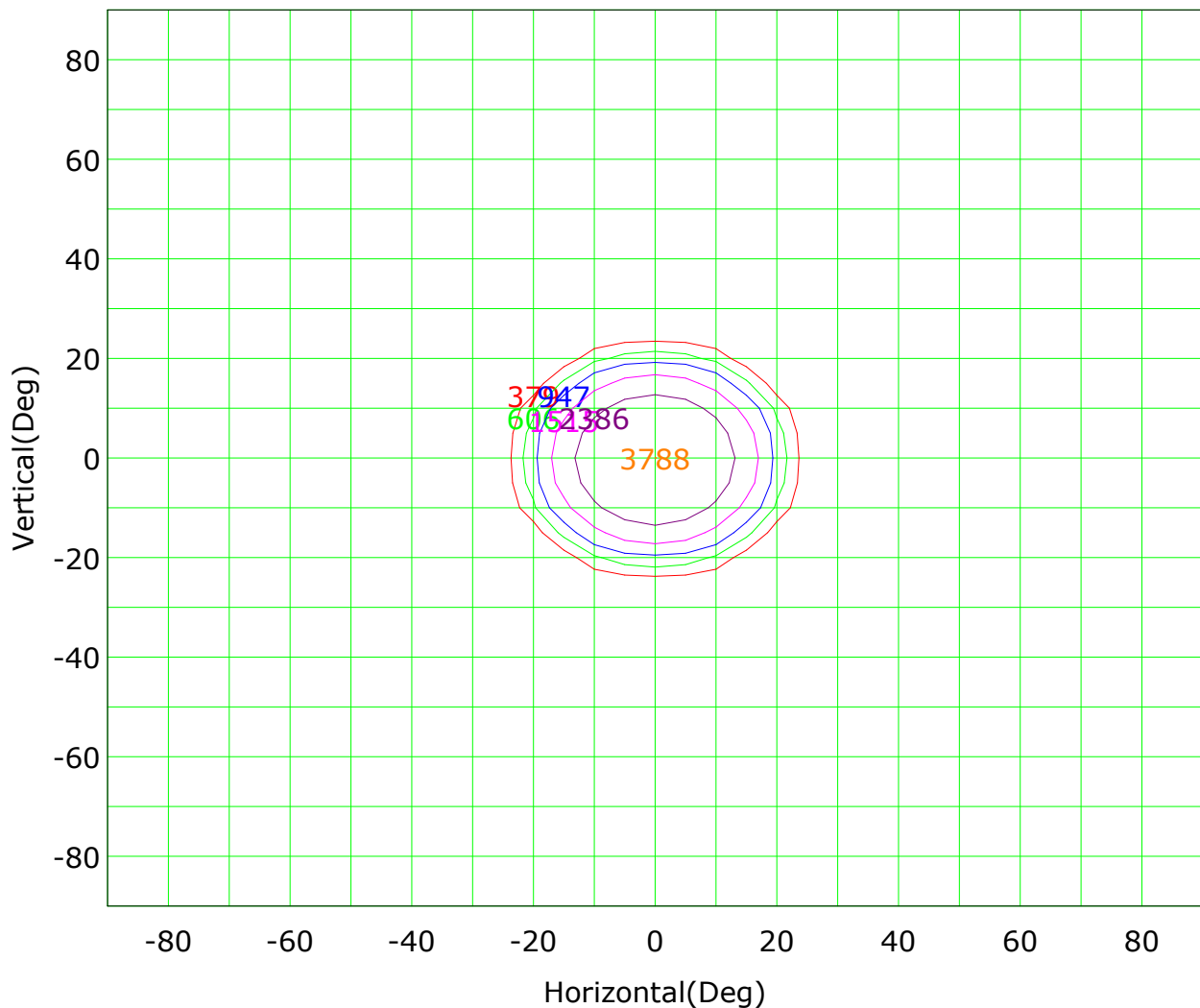
Luminous Intensity Distribution Curve



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%): 3788 cd

(10%): 379 cd	(16%): 606 cd
(25%): 947 cd	(40%): 1515 cd
(63%): 2386 cd	(100%): 3788 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

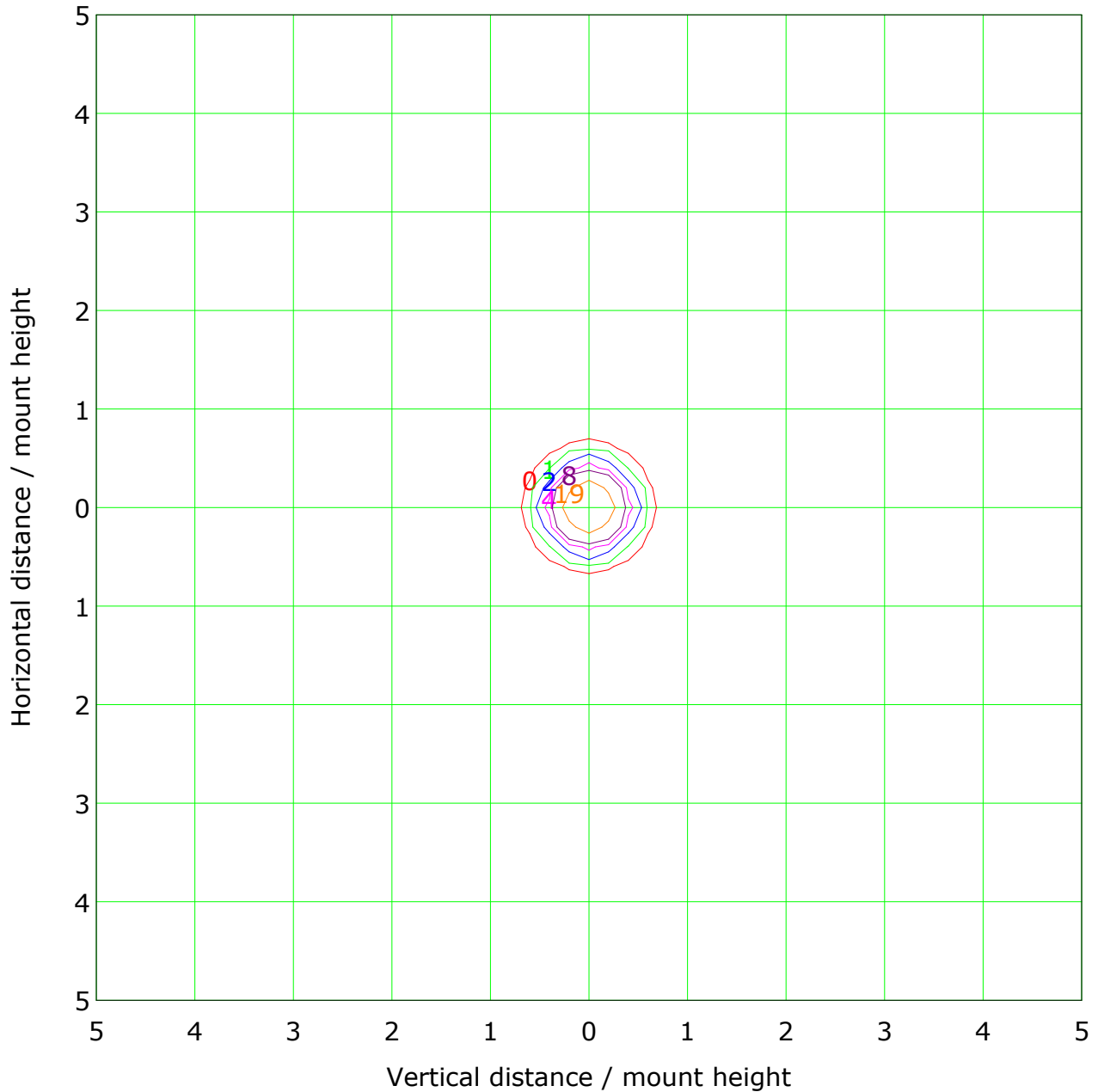
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 38 lx			
— (1%):	0 lx	— (2%):	1 lx
— (5%):	2 lx	— (10%):	4 lx
— (20%):	8 lx	— (50%):	19 lx
— (100%):	38 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

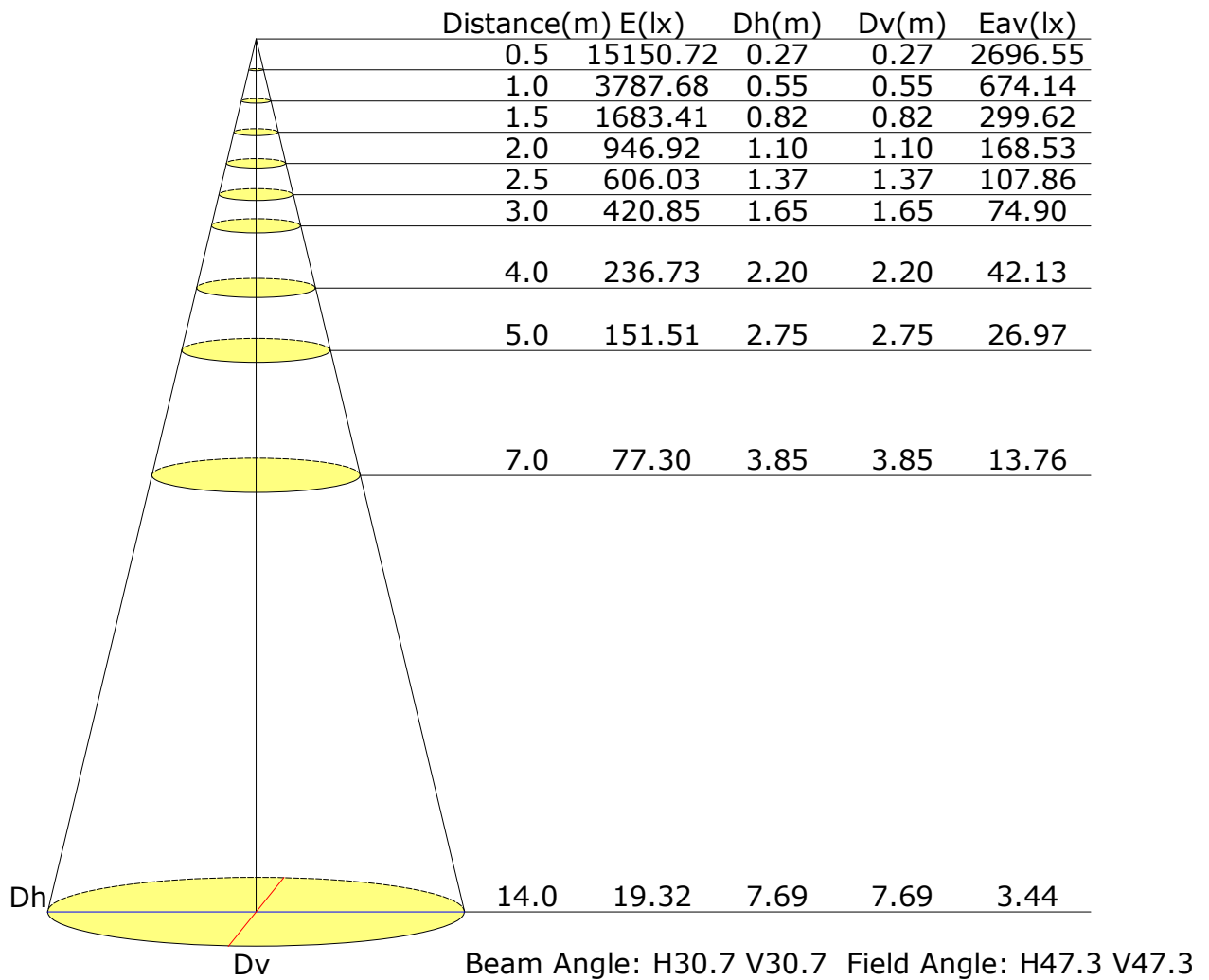
Test Device: CHL-6E

Distance: 3.000 m

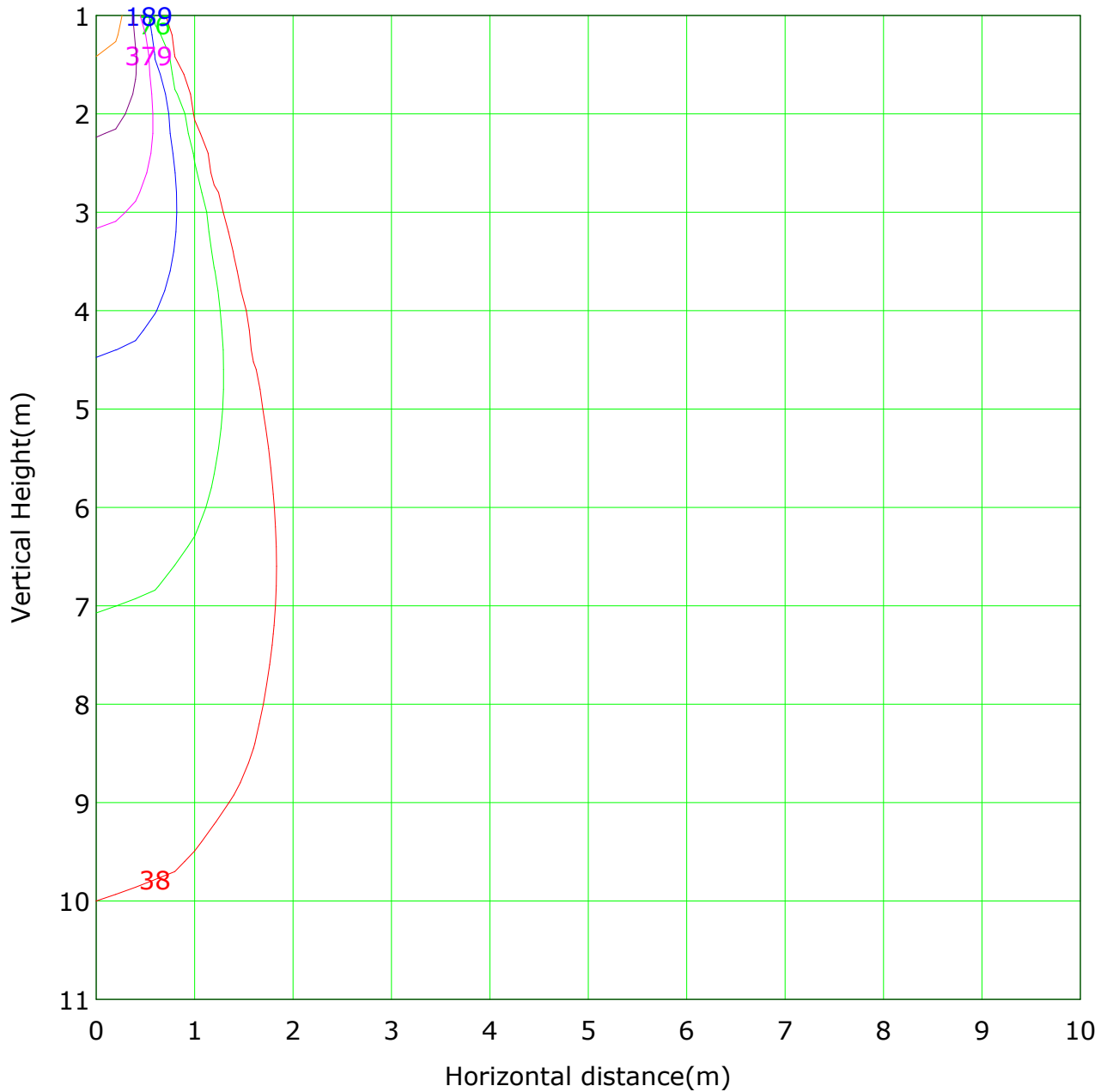
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1m Highest(m): 11 Max Lux: 3788

(1%): 38 lx	(2%): 76 lx
(5%): 189 lx	(10%): 379 lx
(20%): 758 lx	(50%): 1894 lx
(100%): 3788 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

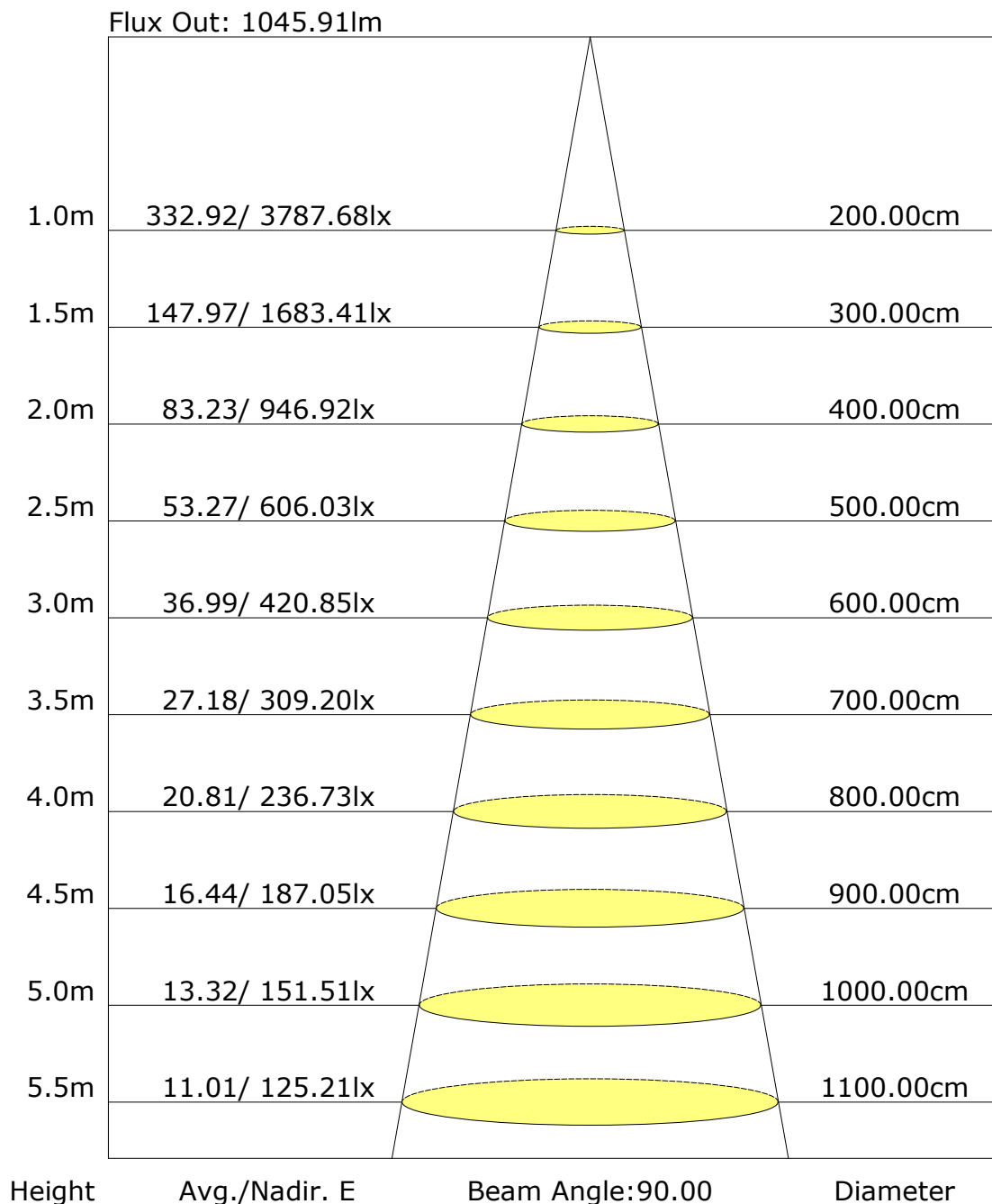
Test Device: CHL-6E

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:

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: