

Report No.:32.09013-EMMA Track Light Test Time: 2023-06-27 17:23

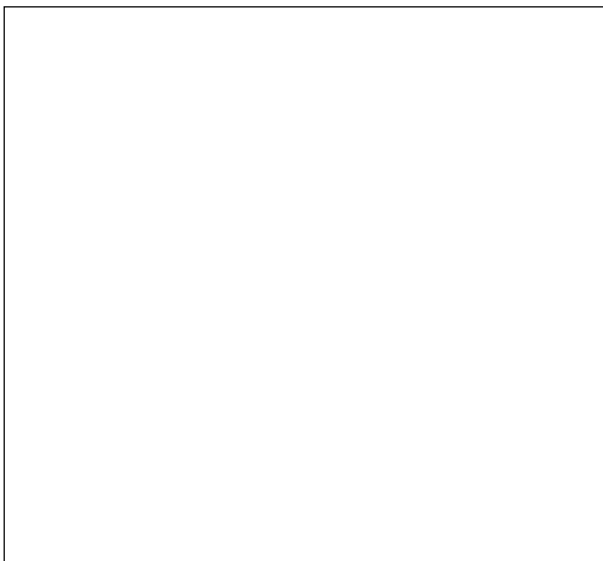
Luminaire Property

Luminaire Category: Citizen 1206 3000K CRI90
Luminaire Description: 36D
Current: 0.173 A
Power Factor: 0.976
Voltage: 212.2 V
Power: 35.80 W

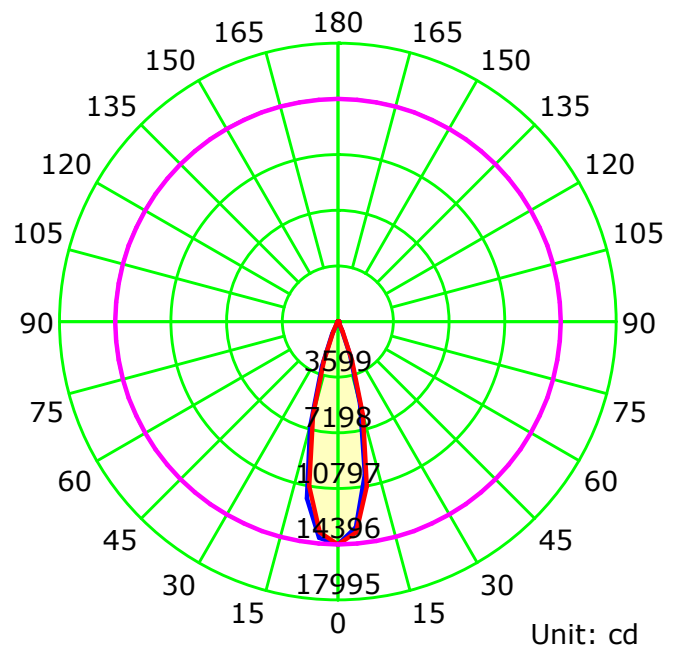
Photometric Results

CIE Class: Direct
Measurement Flux: 3590.5 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H27.9
Vertical Diffuse Angle(50%): V27.9
Luminaire Efficacy Rating (LER): 100
Max. Intensity: 14397.05 cd
Total Rated Lamp Lumens: 3590.5 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 14397.04 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve

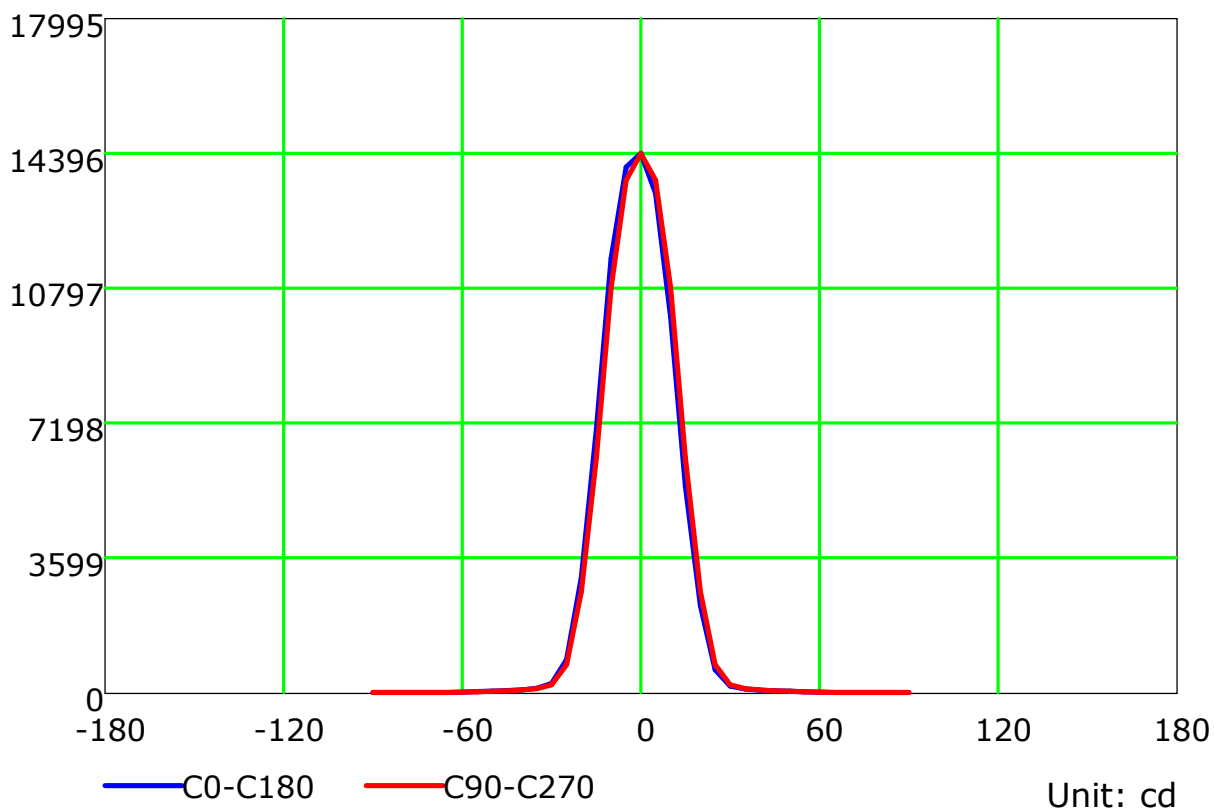
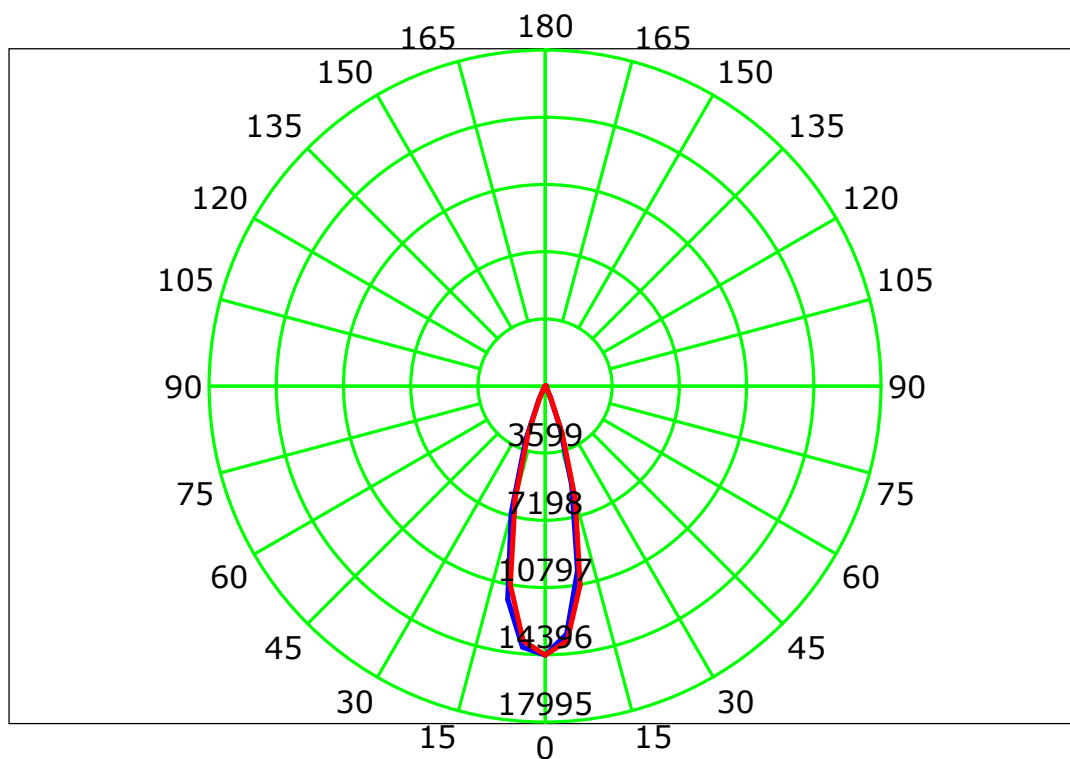


— C0-C180 — C90-C270 — G0

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:

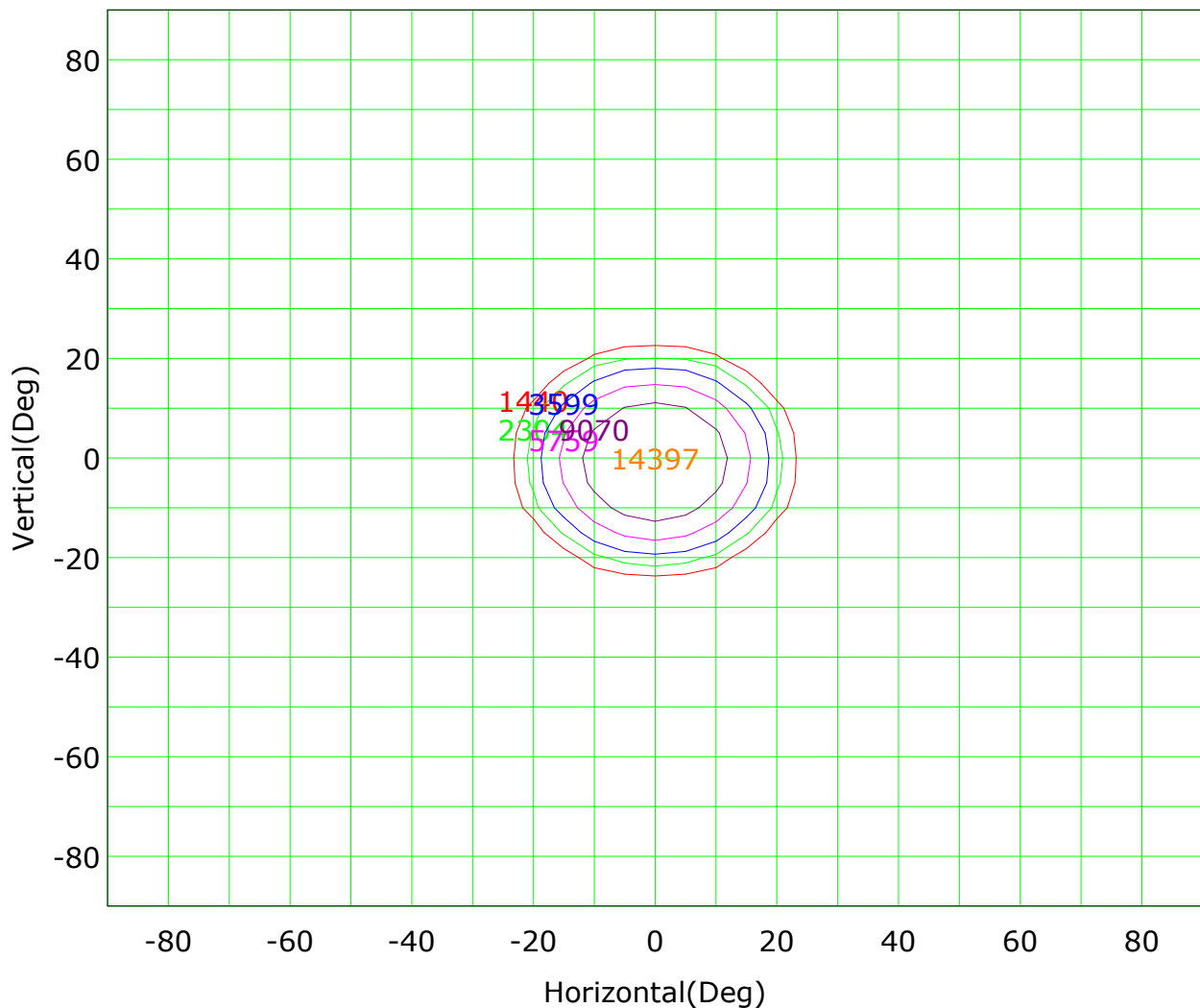
Luminous Intensity Distribution Curve



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

Isocandela (rectangle)



Imax (100%): 14397 cd

(10%): 1440 cd	(16%): 2304 cd
(25%): 3599 cd	(40%): 5759 cd
(63%): 9070 cd	(100%): 14397 cd

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

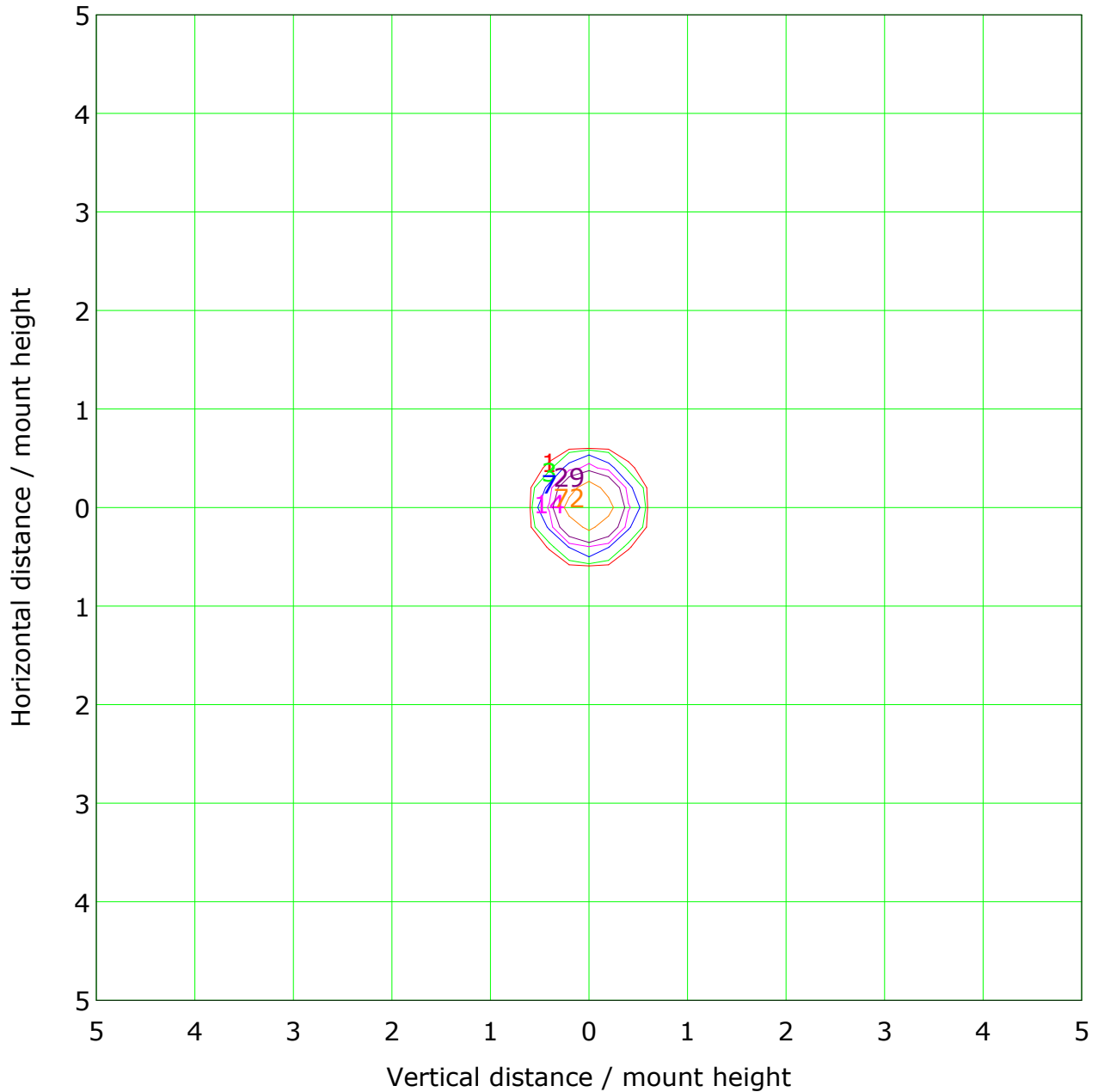
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 144 lx	
— (1%):	1 lx	— (2%):	3 lx
— (5%):	7 lx	— (10%):	14 lx
— (20%):	29 lx	— (50%):	72 lx
— (100%):	144 lx		

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

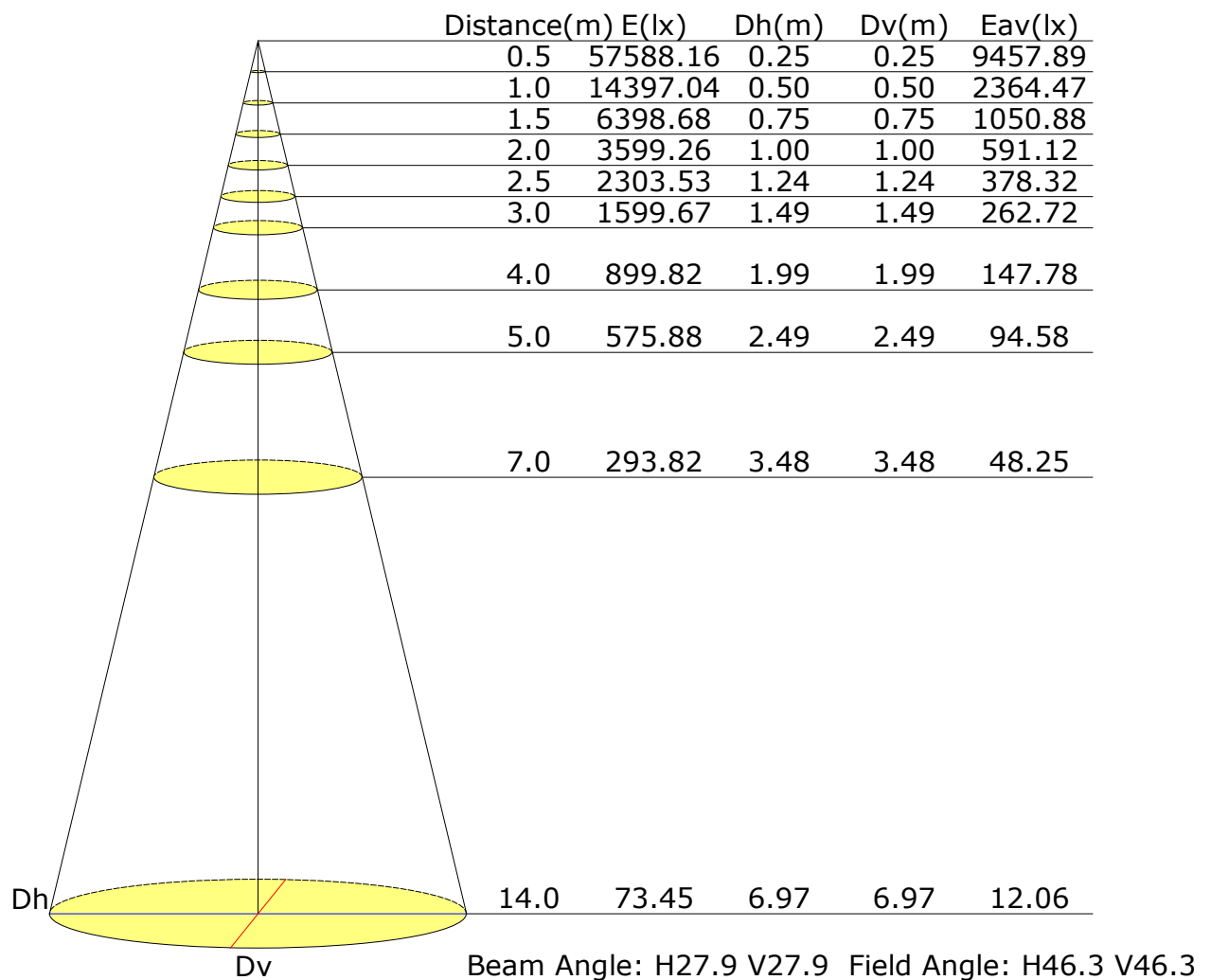
Test Device: CHL-6E

Distance: 3.000 m

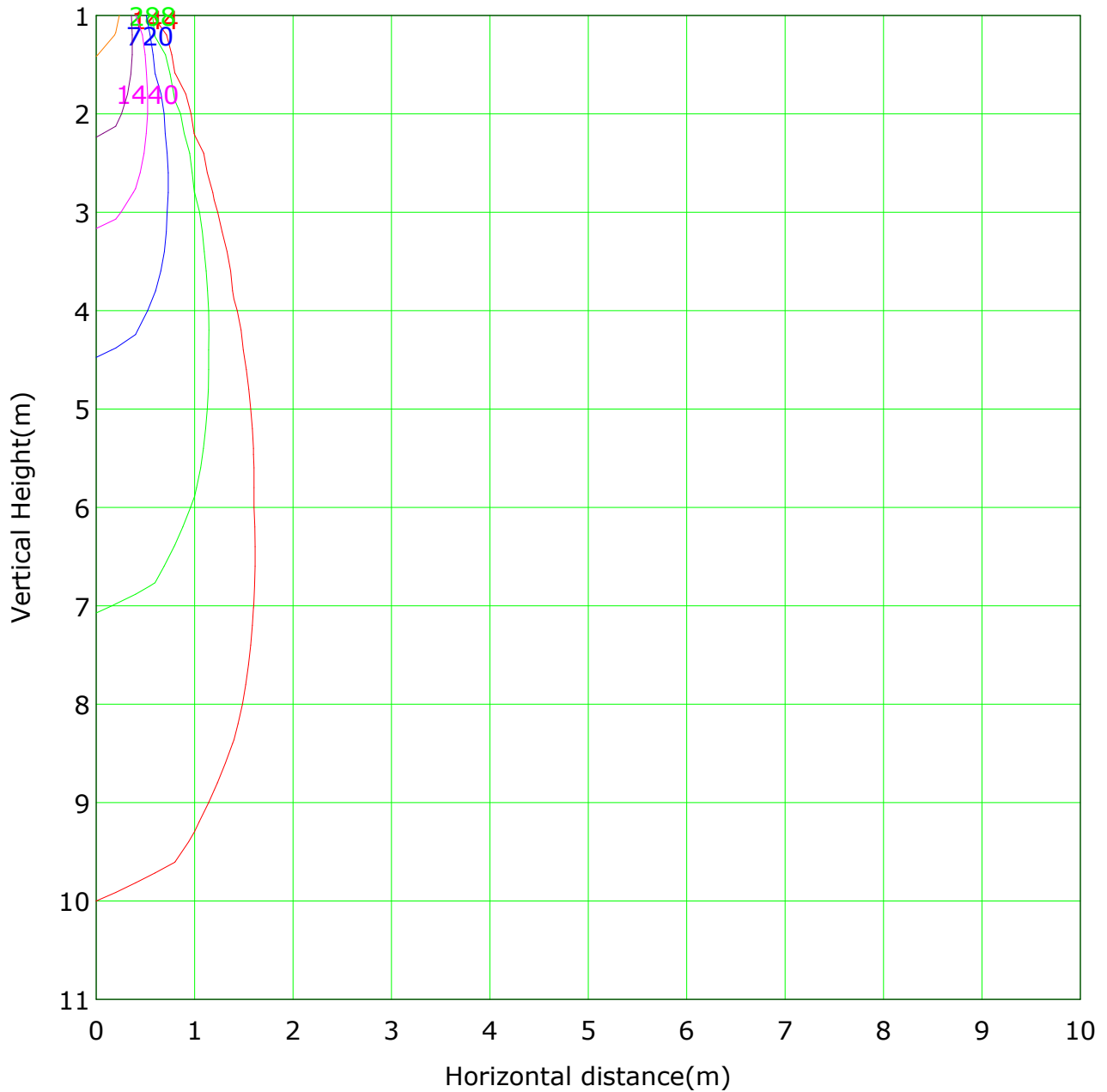
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

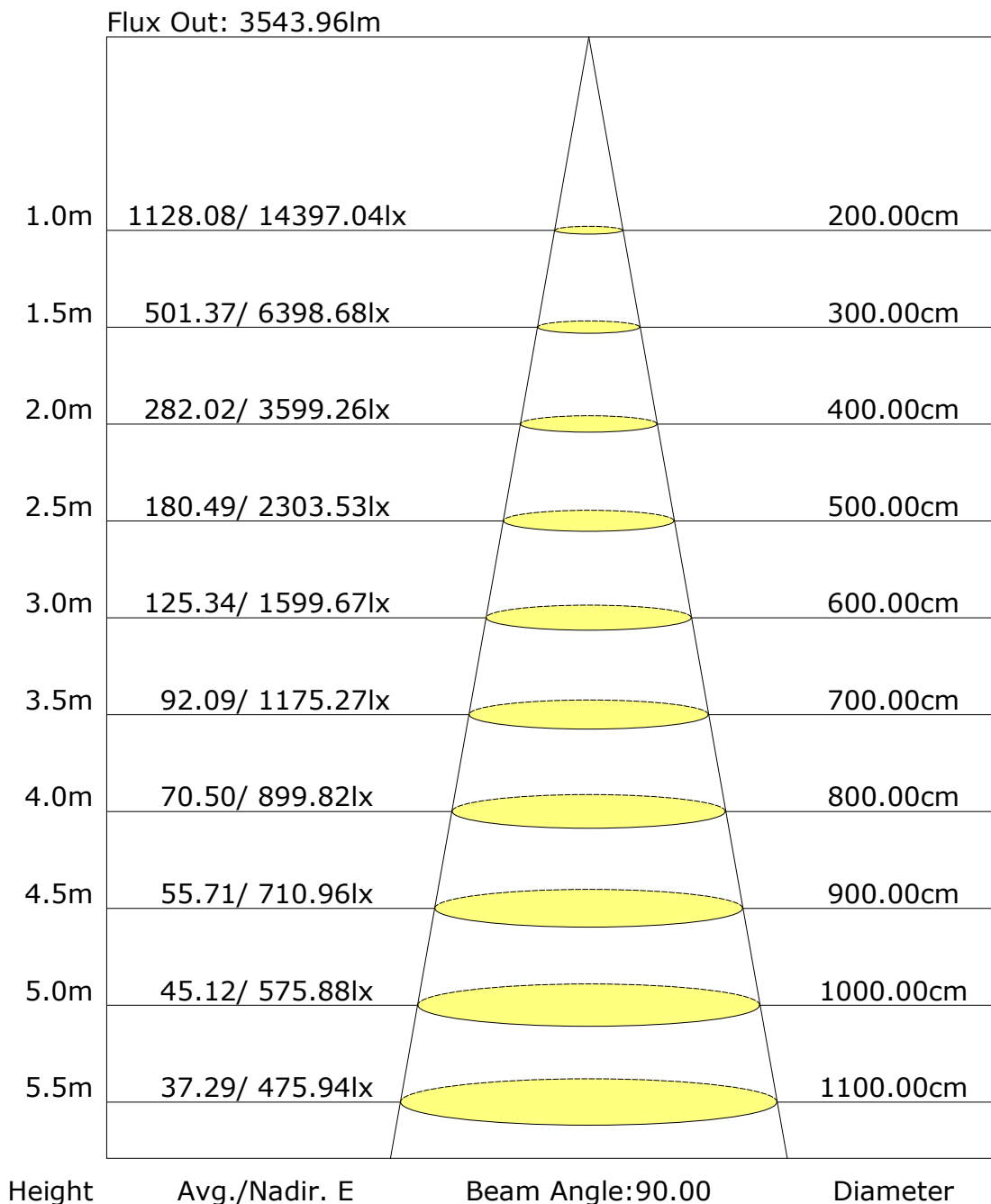


Lowest(m): 1m Highest(m): 11 Max Lux: 14397
— (1%): 144 lx — (2%): 288 lx
— (5%): 720 lx — (10%): 1440 lx
— (20%): 2879 lx — (50%): 7199 lx
— (100%): 14397 lx

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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:

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]

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: