

Report No.:32.09013-EMMA Track Light Test Time: 2023-06-27 17:15

Luminaire Property

Luminaire Category: Citizen 1206 3000K CRI90

Luminaire Description: 15D

Current: 0.171 A

Power Factor: 0.974

Voltage: 215.1 V

Power: 36.10 W

Photometric Results

CIE Class: Direct

Measurement Flux: 3458 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H15.4

Vertical Diffuse Angle(50%): V15.4

Luminaire Efficacy Rating (LER): 96

Max. Intensity: 33903.18 cd

Total Rated Lamp Lumens: 3458.0 lm

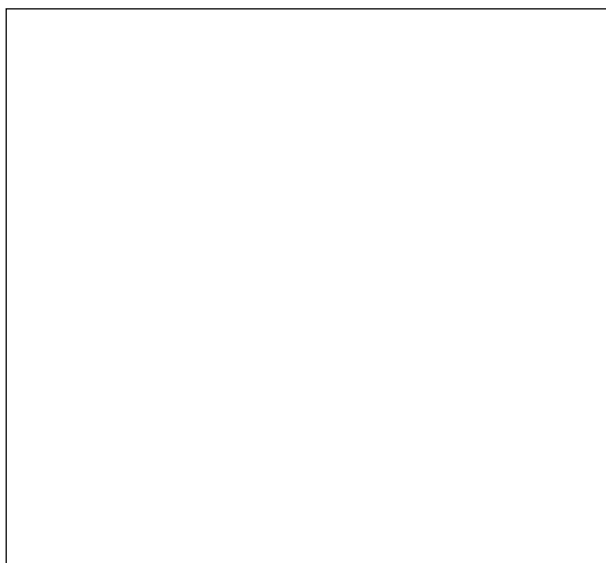
Efficiency: 100%

Upward Ratio: 0%

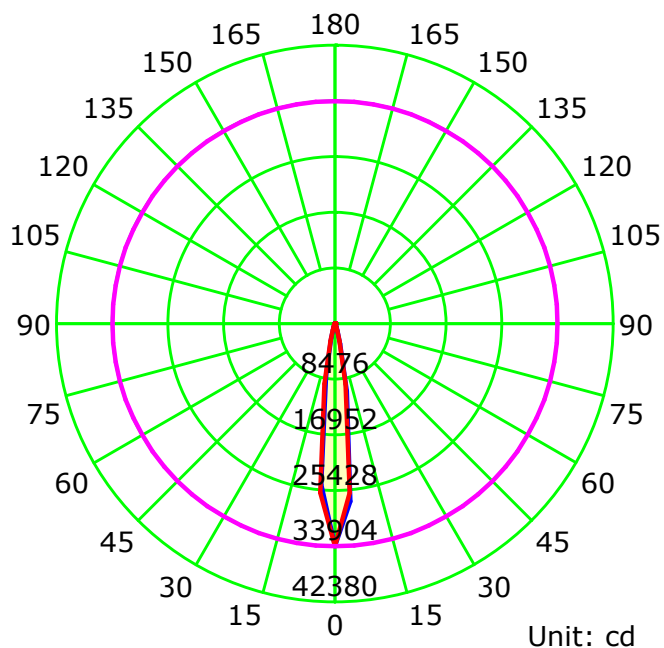
Central Intensity: 33903.18 cd

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

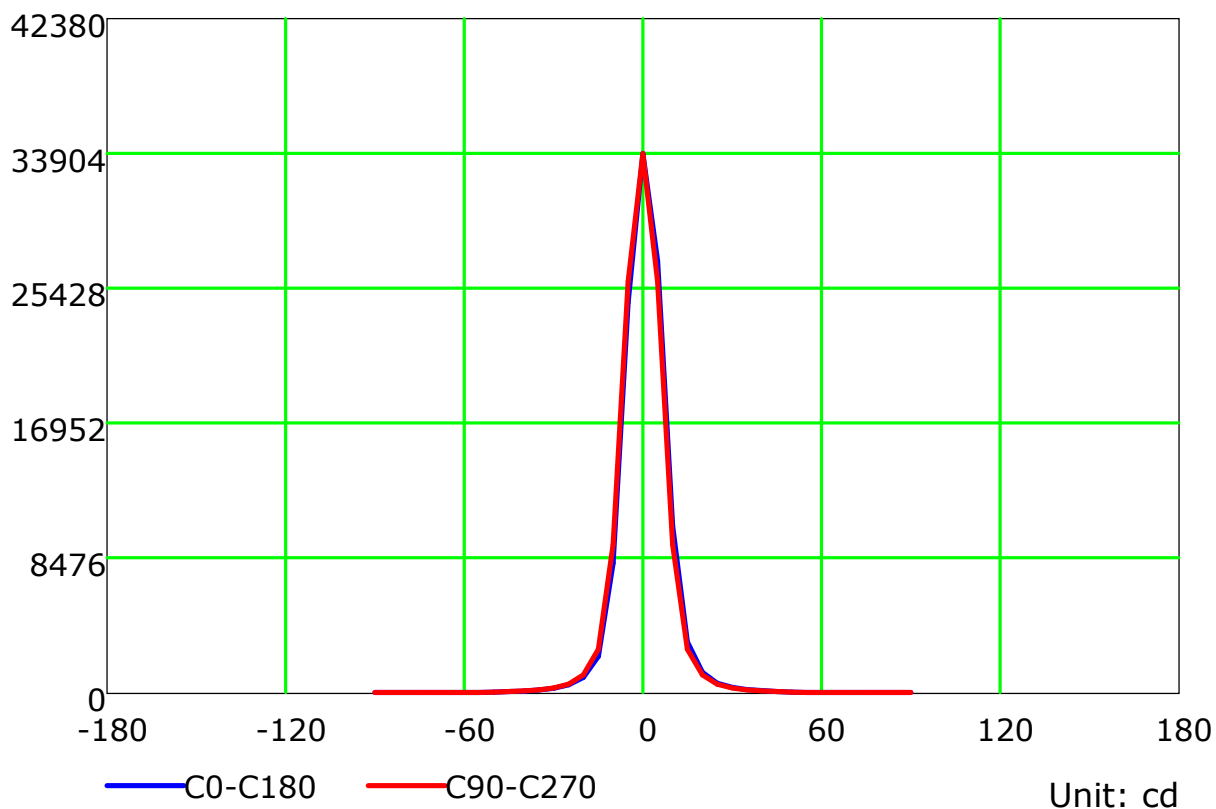
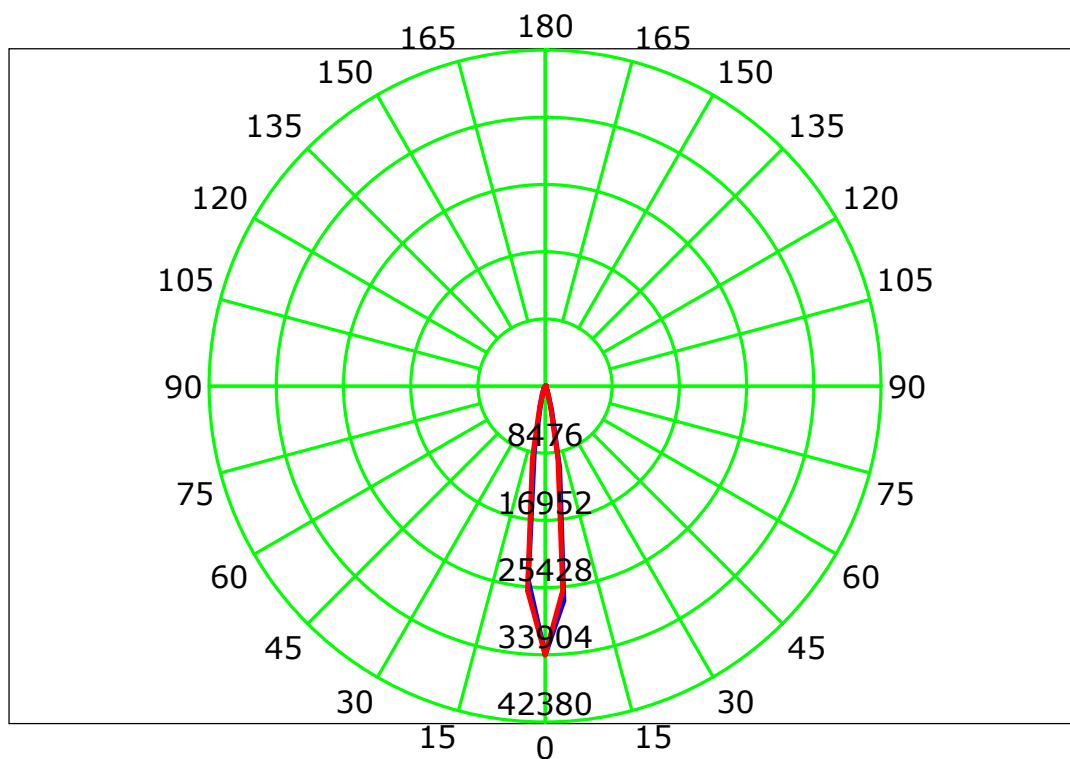
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

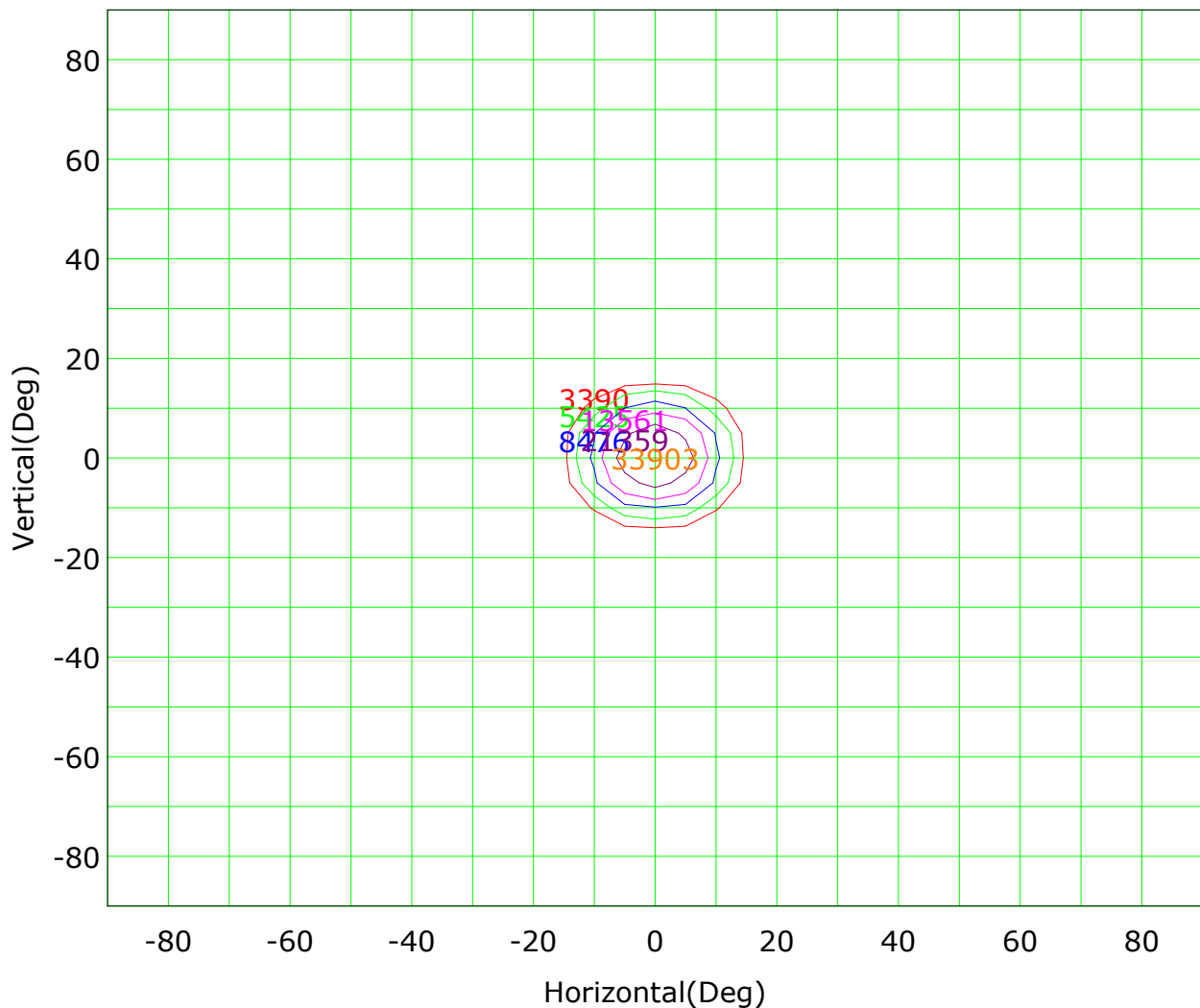
Luminous Intensity Distribution Curve



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%): 33903 cd

| | |
|------------------|------------------|
| (10%): 3390 cd | (16%): 5425 cd |
| (25%): 8476 cd | (40%): 13561 cd |
| (63%): 21359 cd | (100%): 33903 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

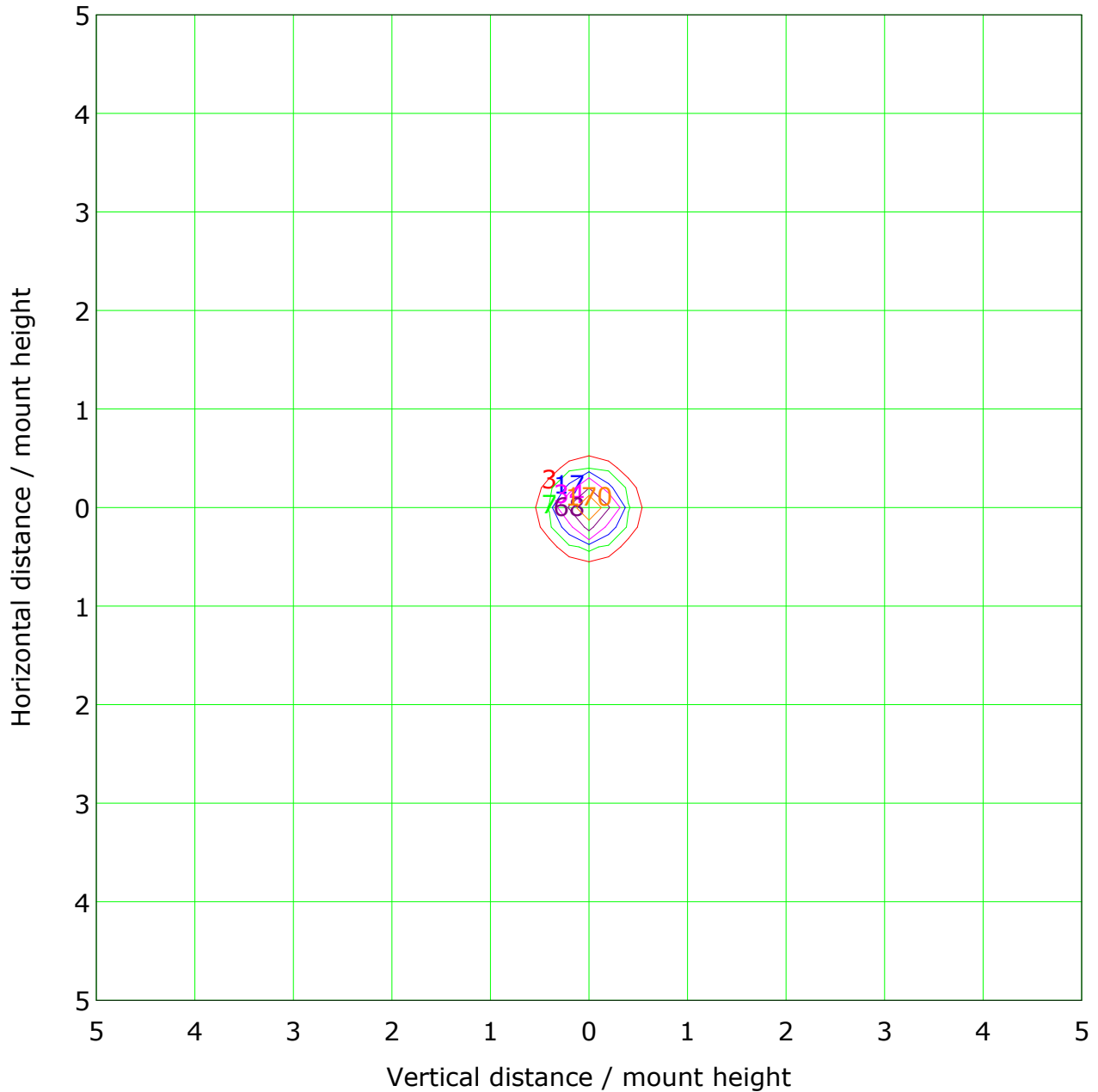
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



| | | | |
|----------------------|--------|-----------------------|--------|
| Mounting Height: 10m | | Max Lux(100%): 339 lx | |
| (1%): | 3 lx | (2%): | 7 lx |
| (5%): | 17 lx | (10%): | 34 lx |
| (20%): | 68 lx | (50%): | 170 lx |
| (100%): | 339 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

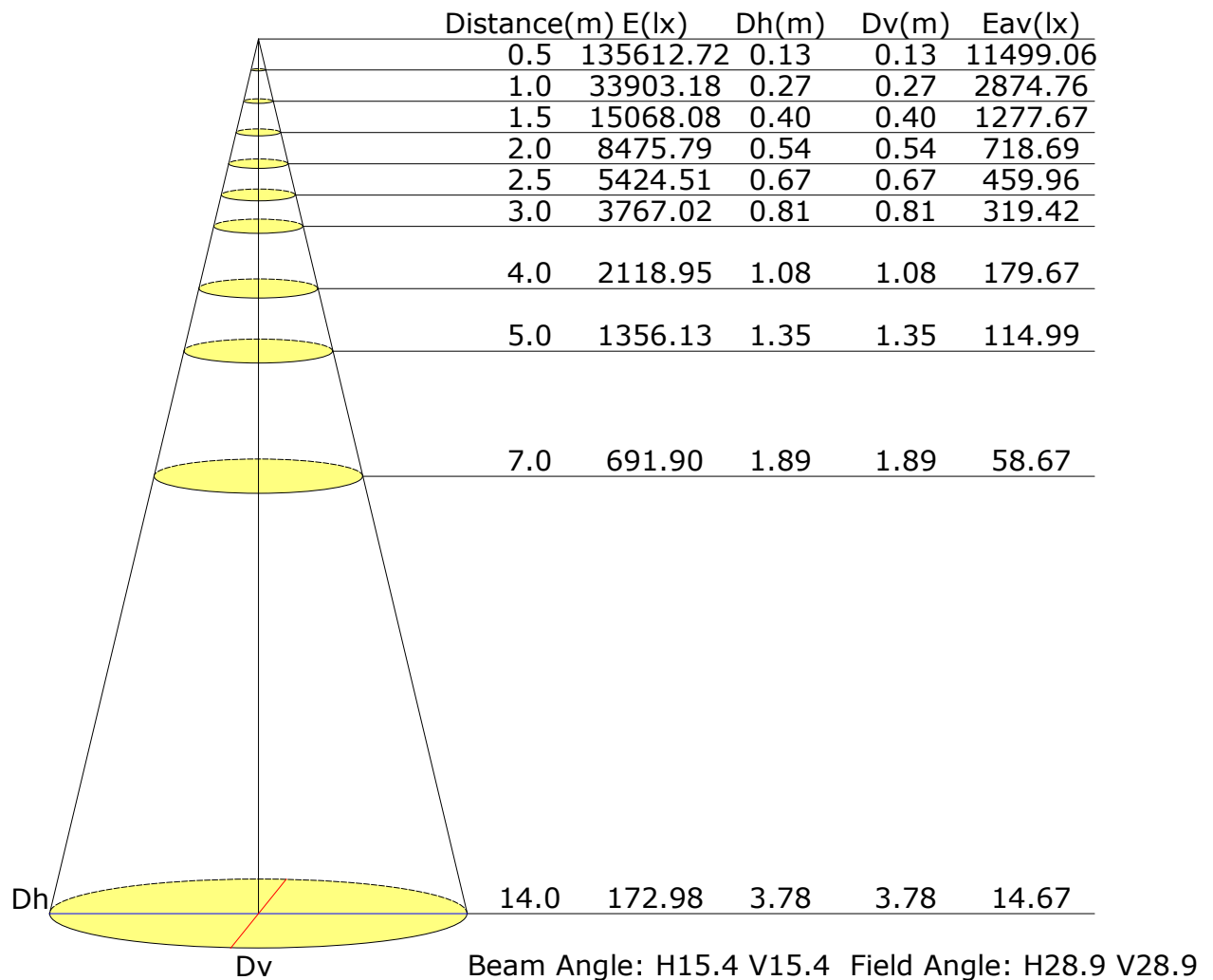
Test Device: CHL-6E

Distance: 3.000 m

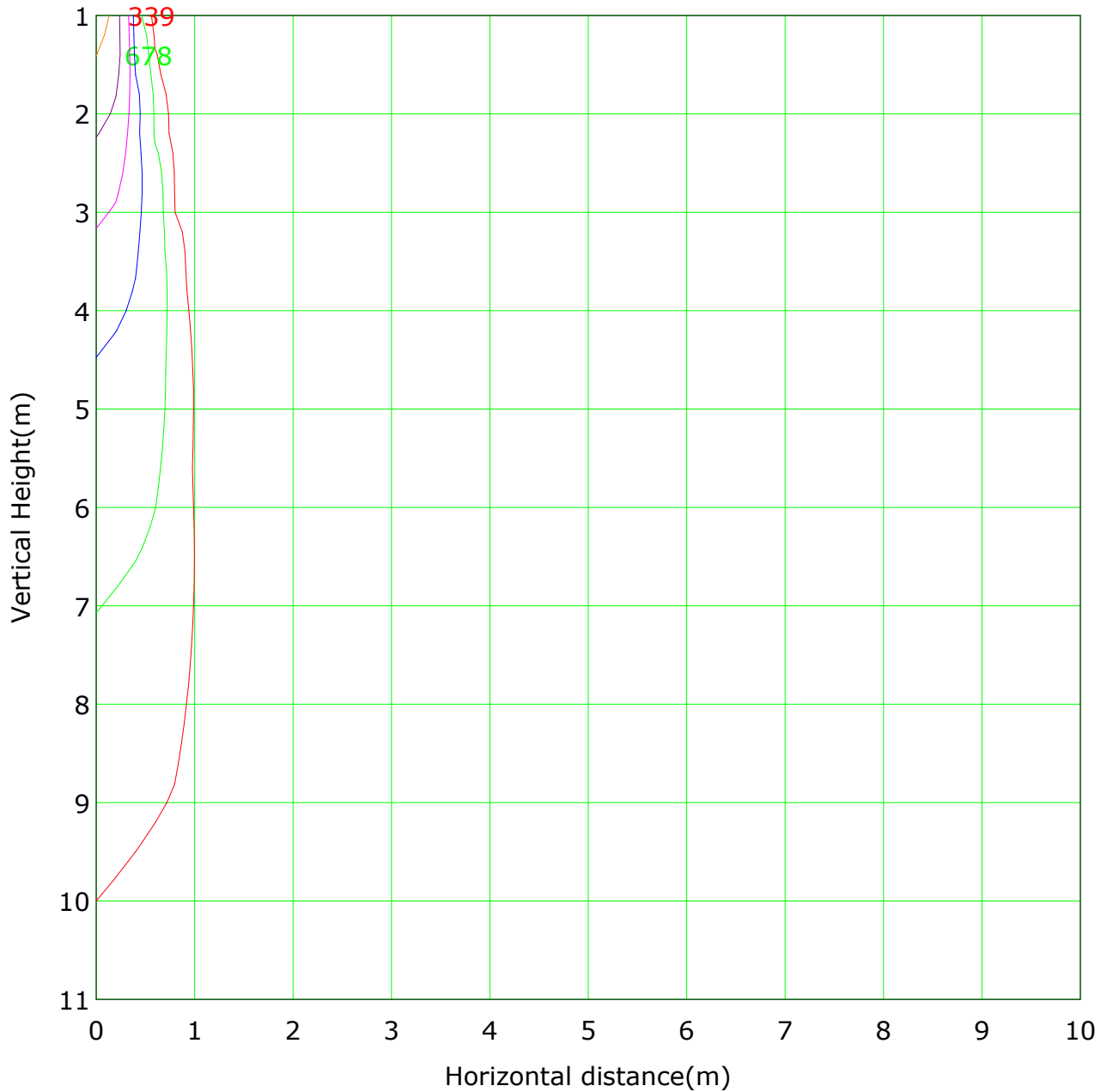
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

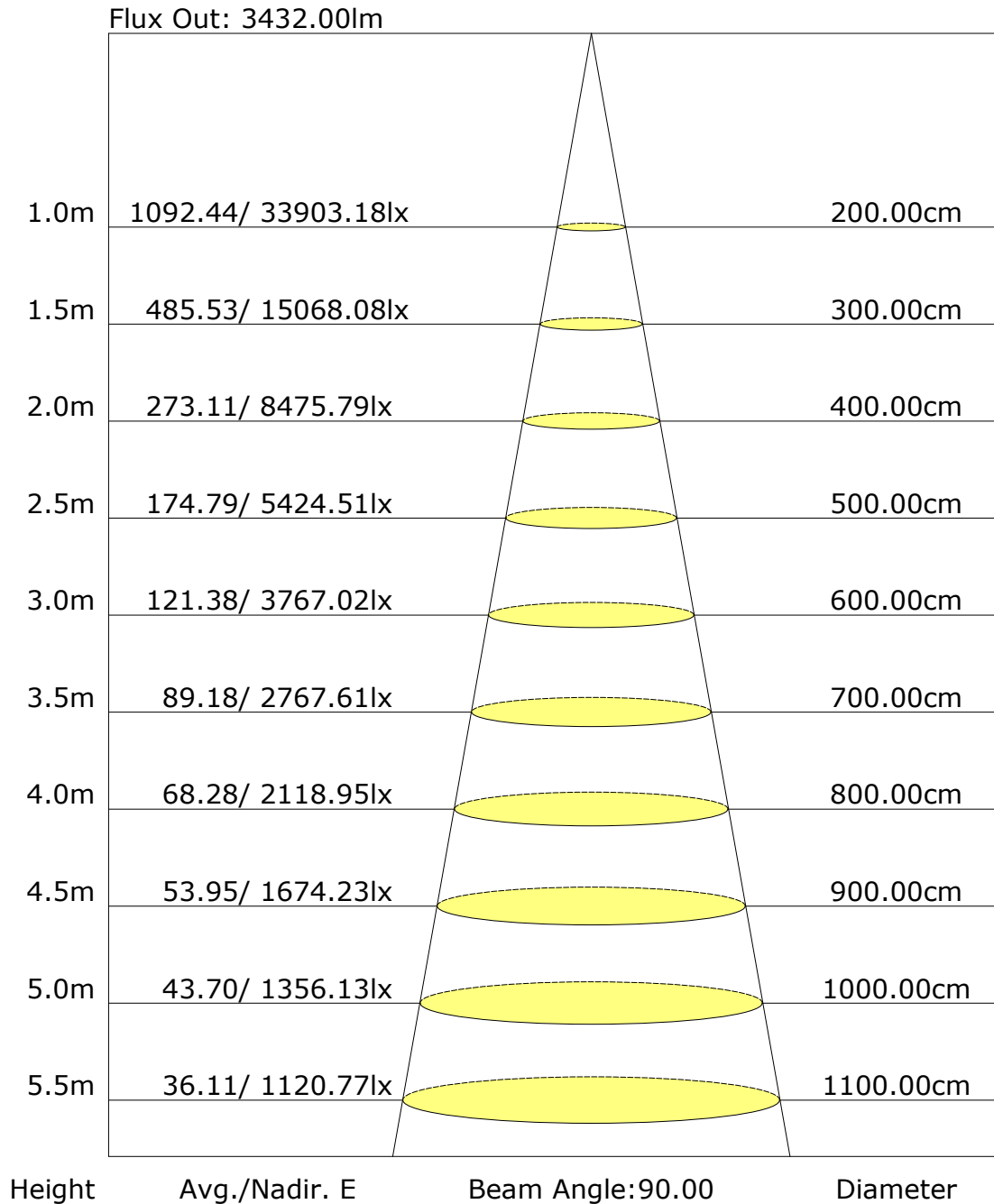


Lowest(m): 1m Highest(m): 11 Max Lux: 33903
— (1%): 339 lx — (2%): 678 lx
— (5%): 1695 lx — (10%): 3390 lx
— (20%): 6781 lx — (50%): 16952 lx
— (100%): 33903 lx

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]

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: