

Report No.: 32.05517 FEEL ZOOM Tracklight Test Time: 2023-07-06 18:48

Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Luminaire Description: 47D

Current: 0.131 A

Power Factor: 0.574

Voltage: 217.7 V

Power: 16.40 W

Photometric Results

CIE Class: Direct

Measurement Flux: 919.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H47.6

Vertical Diffuse Angle(50%): V47.6

Luminaire Efficacy Rating (LER): 56

Max. Intensity: 1603.11 cd

Total Rated Lamp Lumens: 919.6 lm

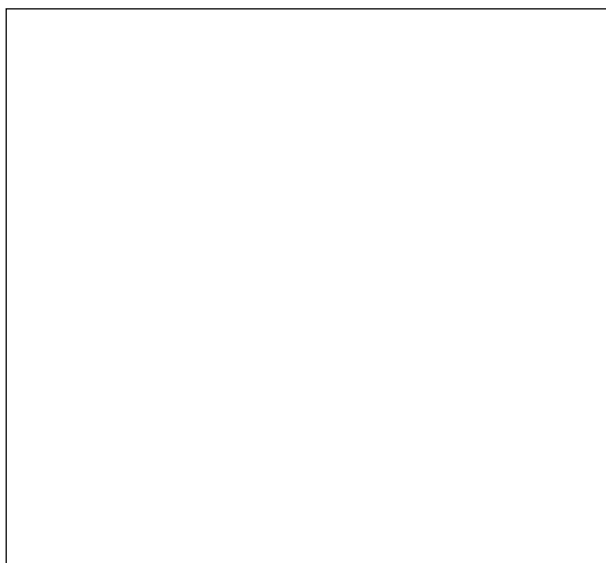
Efficiency: 100%

Upward Ratio: 0%

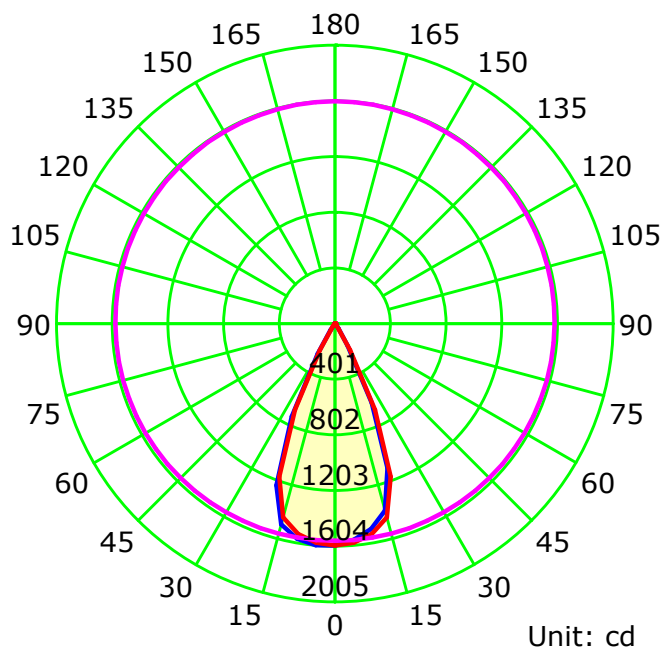
Central Intensity: 1597.87 cd

Pos of Max. Intensity: H180 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

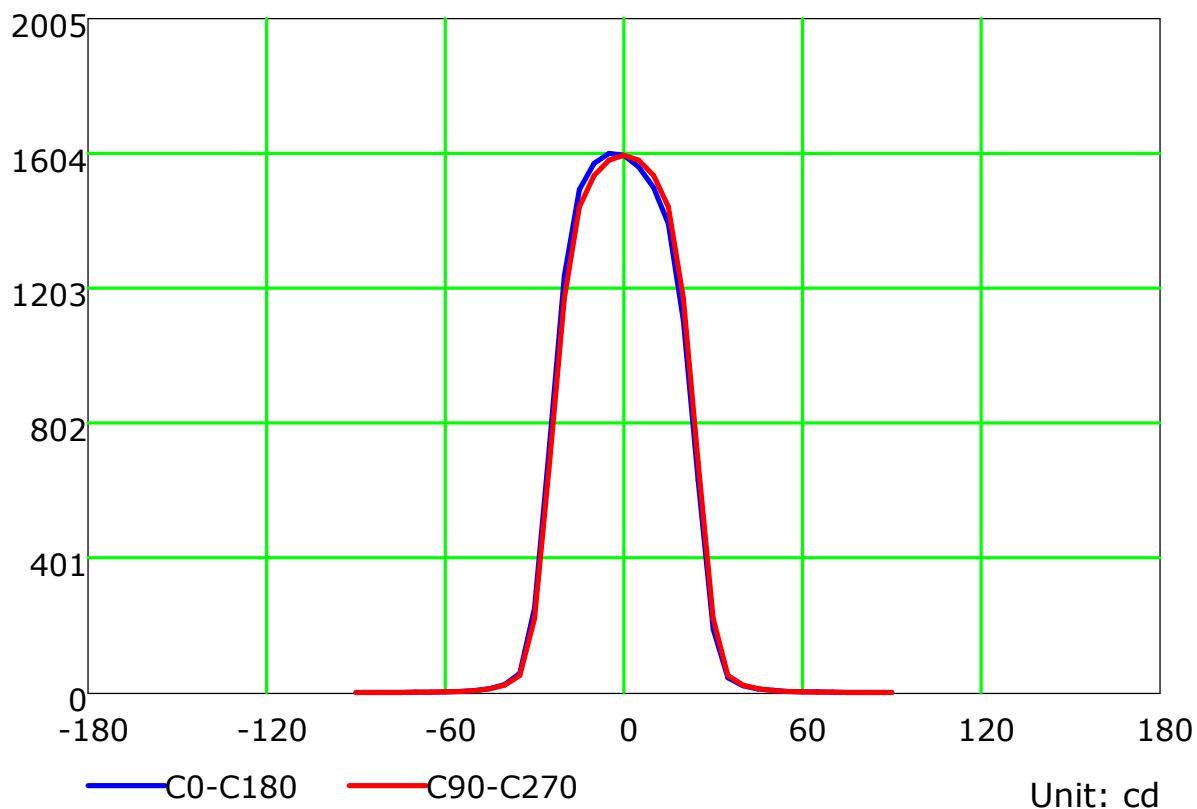
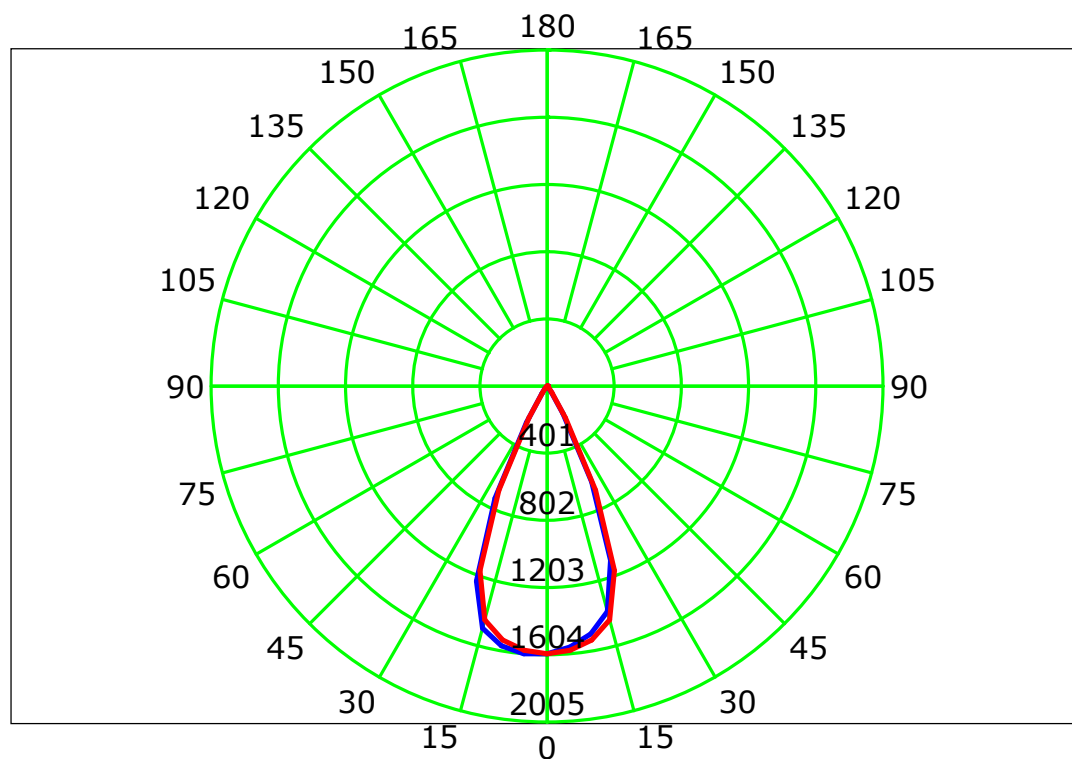
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

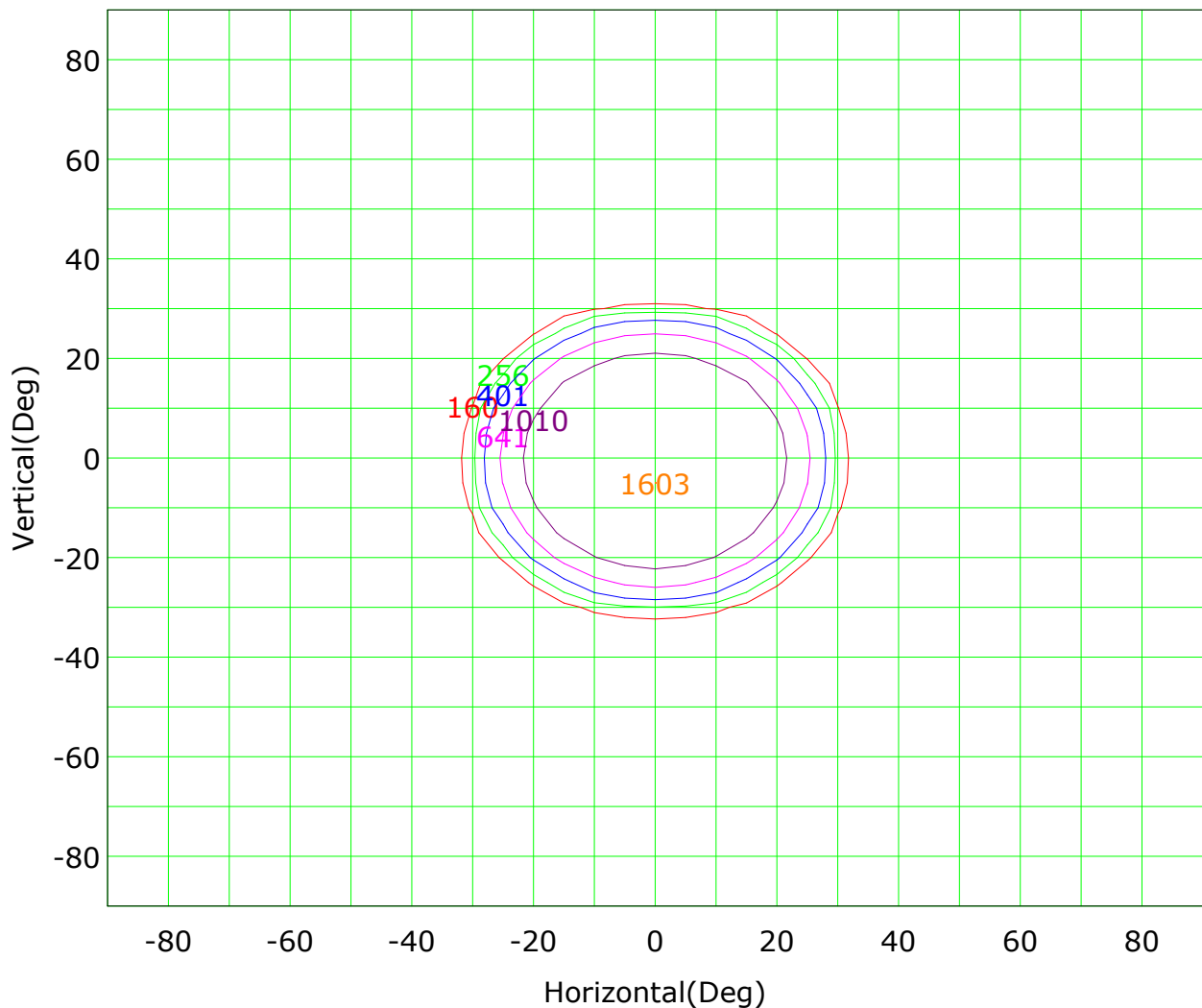
Luminous Intensity Distribution Curve



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%): 1603 cd

| | |
|-----------------|-----------------|
| (10%): 160 cd | (16%): 256 cd |
| (25%): 401 cd | (40%): 641 cd |
| (63%): 1010 cd | (100%): 1603 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

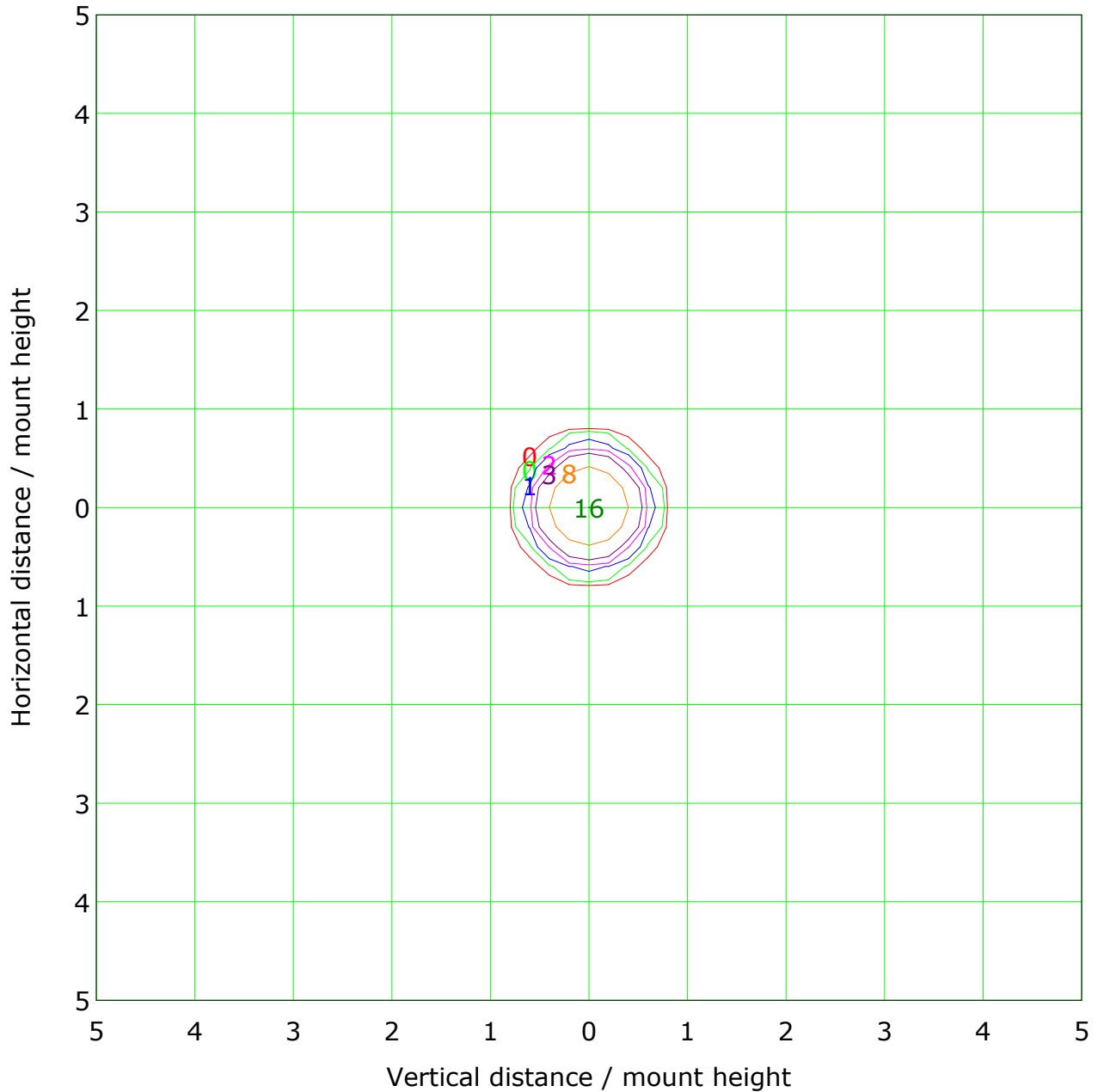
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

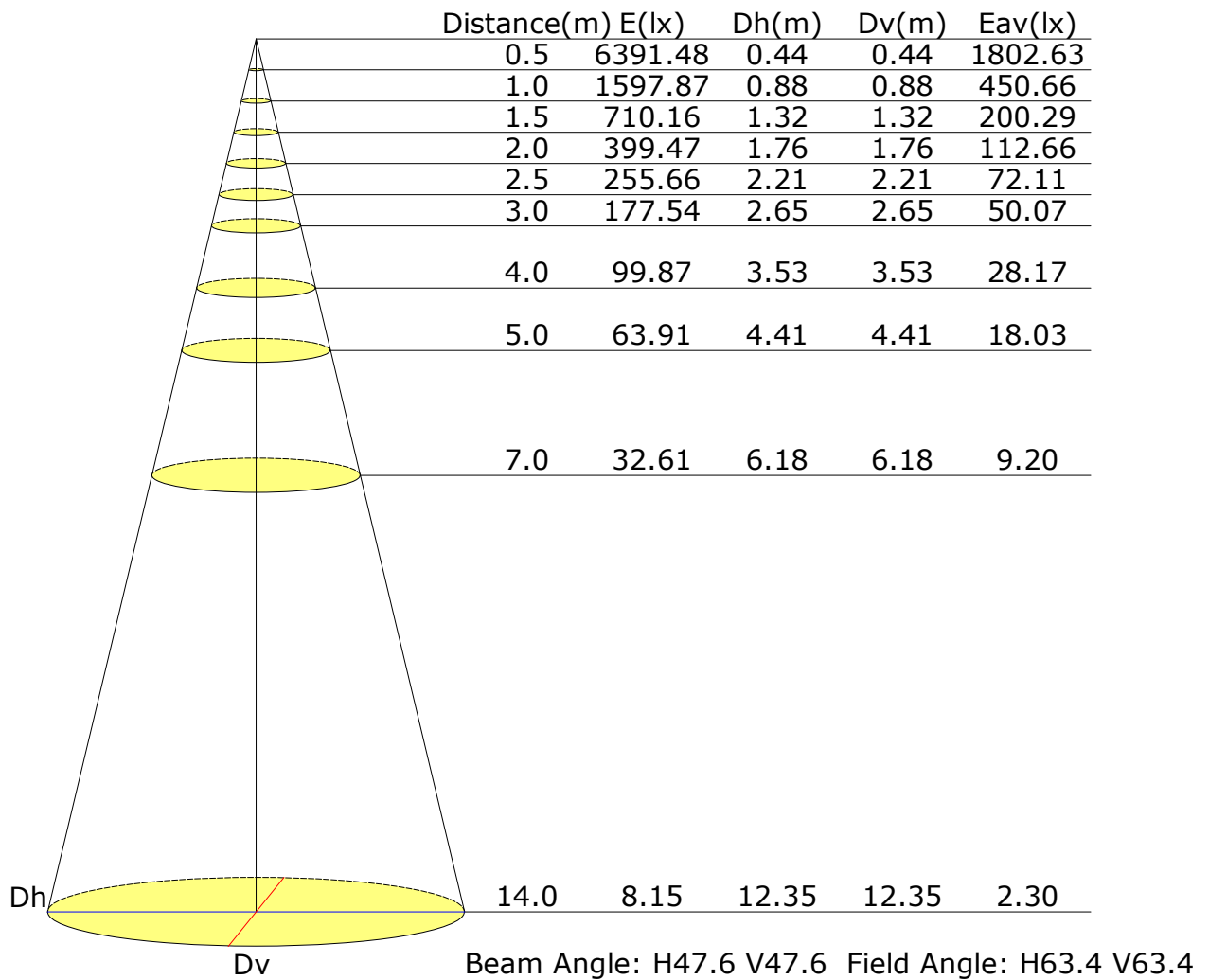


| | | | |
|--|-------|-----------|------|
| Mounting Height: 10m Max Lux(100%): 16 lx | | | |
| — (1%): | 0 lx | — (2%): | 0 lx |
| — (5%): | 1 lx | — (10%): | 2 lx |
| — (20%): | 3 lx | — (50%): | 8 lx |
| — (100%): | 16 lx | | |

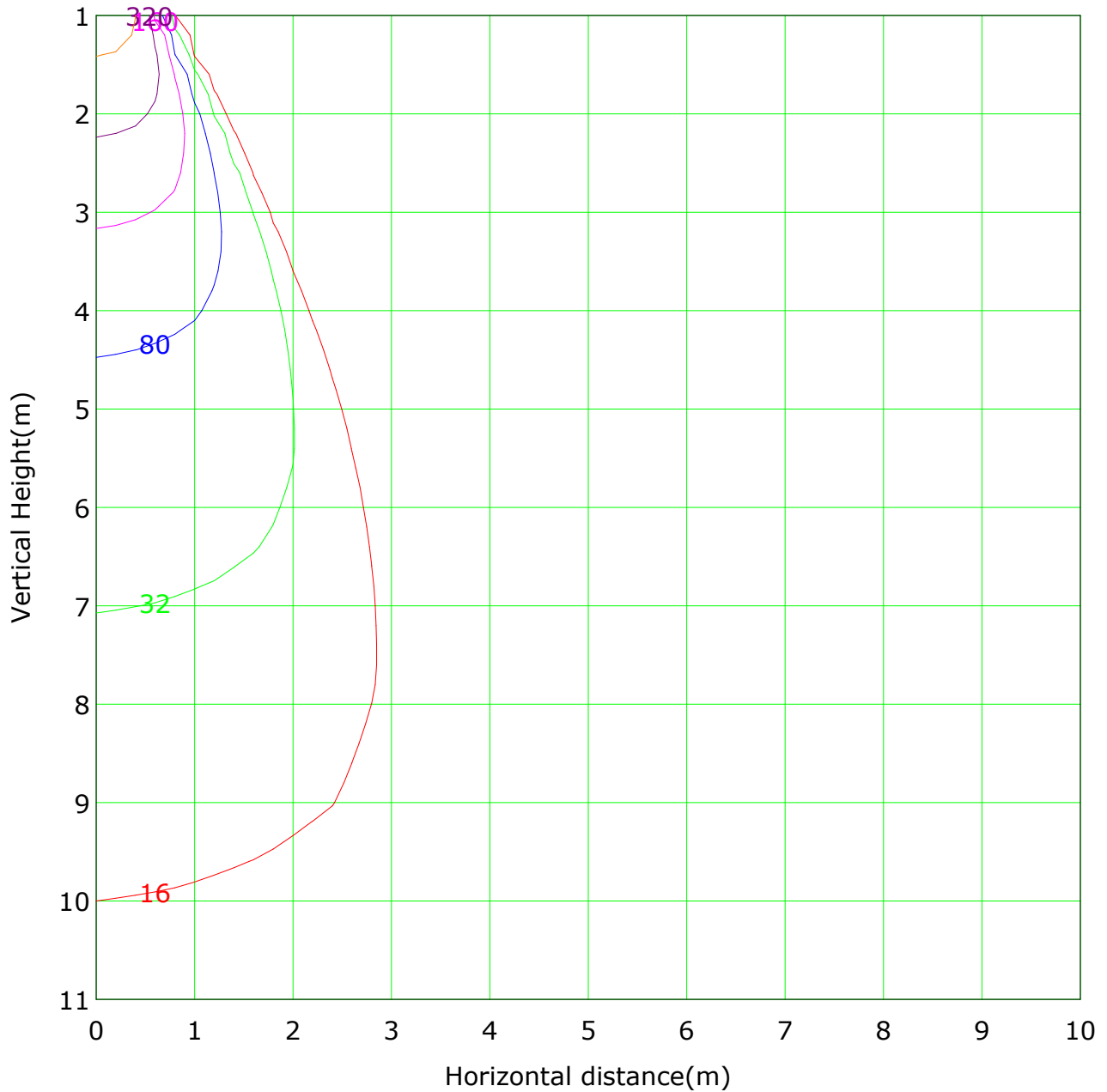
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



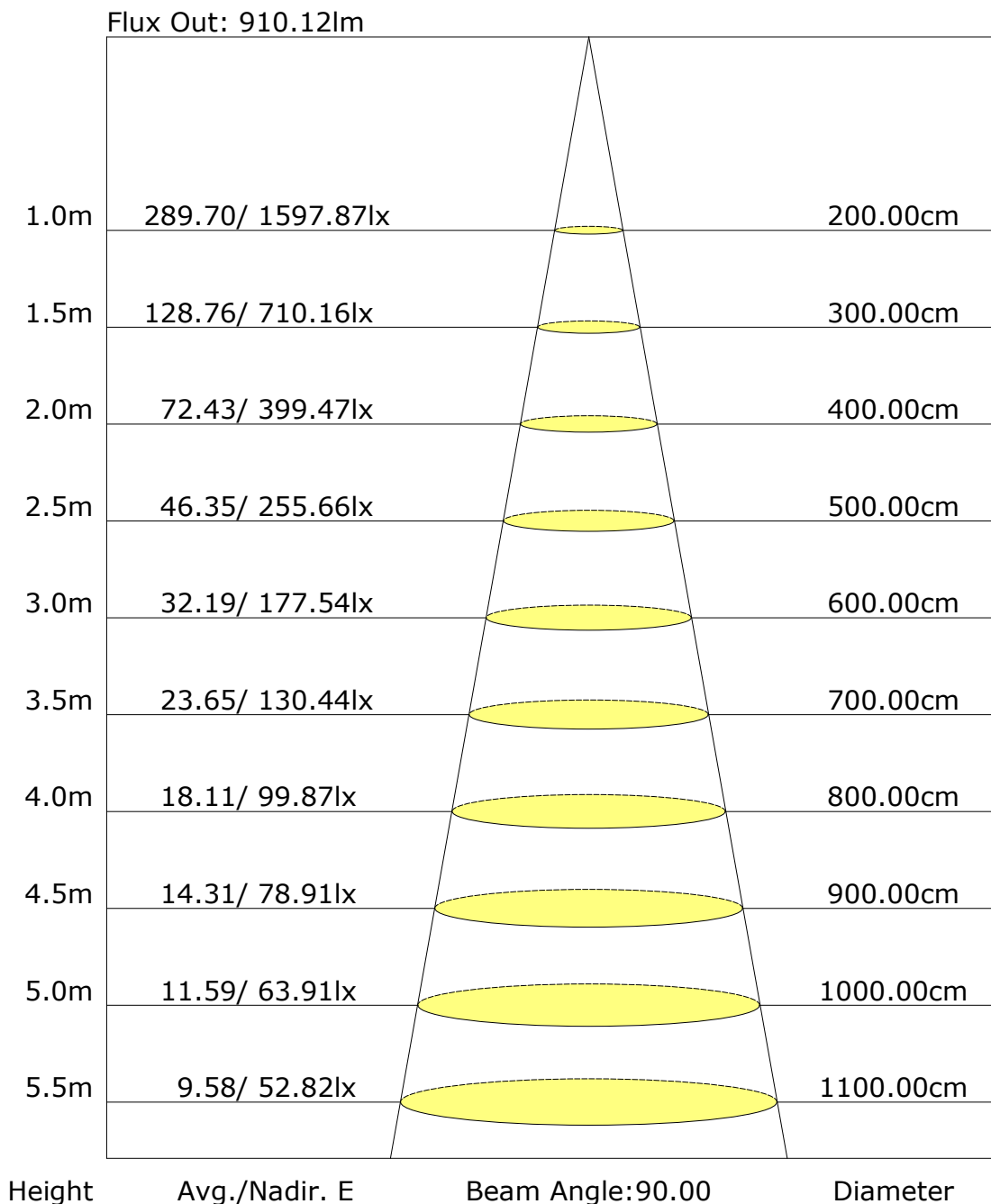
Lowest(m): 1m Highest(m): 11 Max Lux: 1598

| | |
|-----------------|----------------|
| (1%): 16 lx | (2%): 32 lx |
| (5%): 80 lx | (10%): 160 lx |
| (20%): 320 lx | (50%): 799 lx |
| (100%): 1598 lx | |

C Plane (°):0.0-180.0: 180.0
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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: