

Report No.: 32.05511 ECO Track Lighting Test Time: 2023-10-04 10:54

Luminaire Property

Luminaire Category: Bridgelux V10A F90 3000K CRI90

Voltage: 222.6 V

Current: 0.117 A

Power: 14.00 W

Power Factor: 0.537

Photometric Results

CIE Class: Direct

Measurement Flux: 1563 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H56.3

Vertical Diffuse Angle(50%): V56.3

Luminaire Efficacy Rating (LER): 112

Max. Intensity: 1944.7 cd

Total Rated Lamp Lumens: 1563.0 lm

Efficiency: 100%

Upward Ratio: 0%

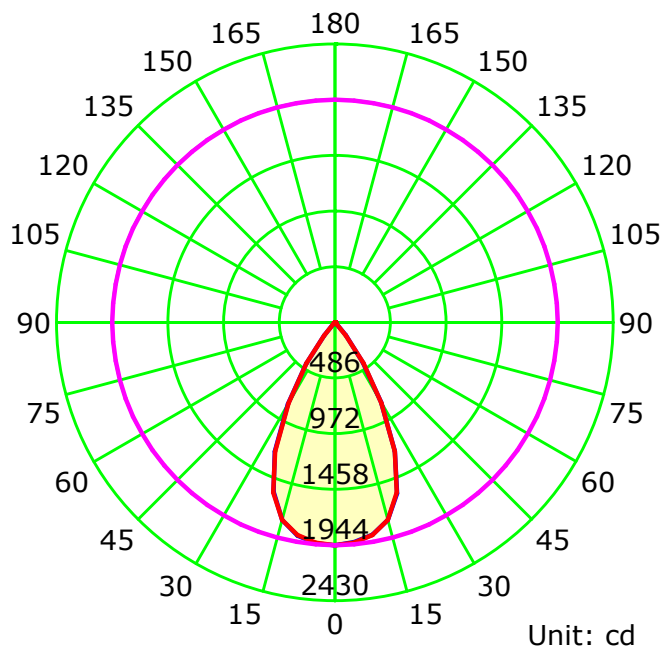
Central Intensity: 1944.7 cd

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

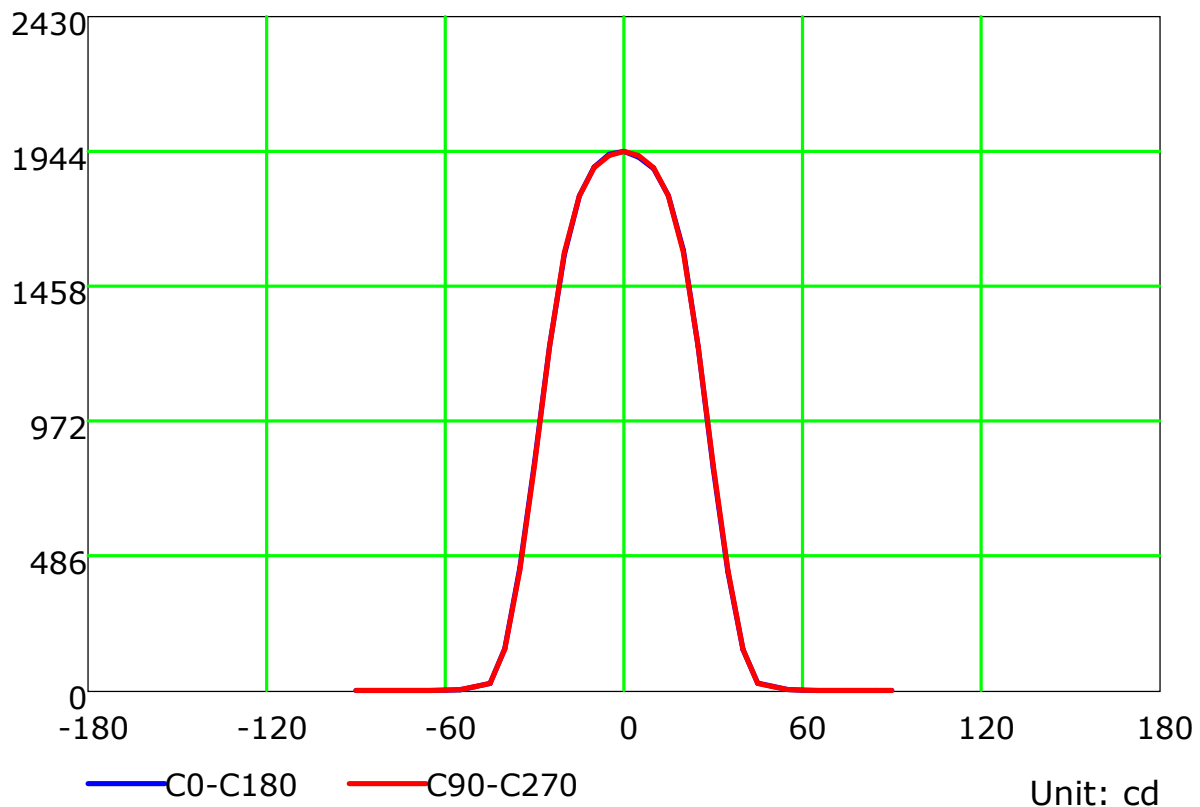
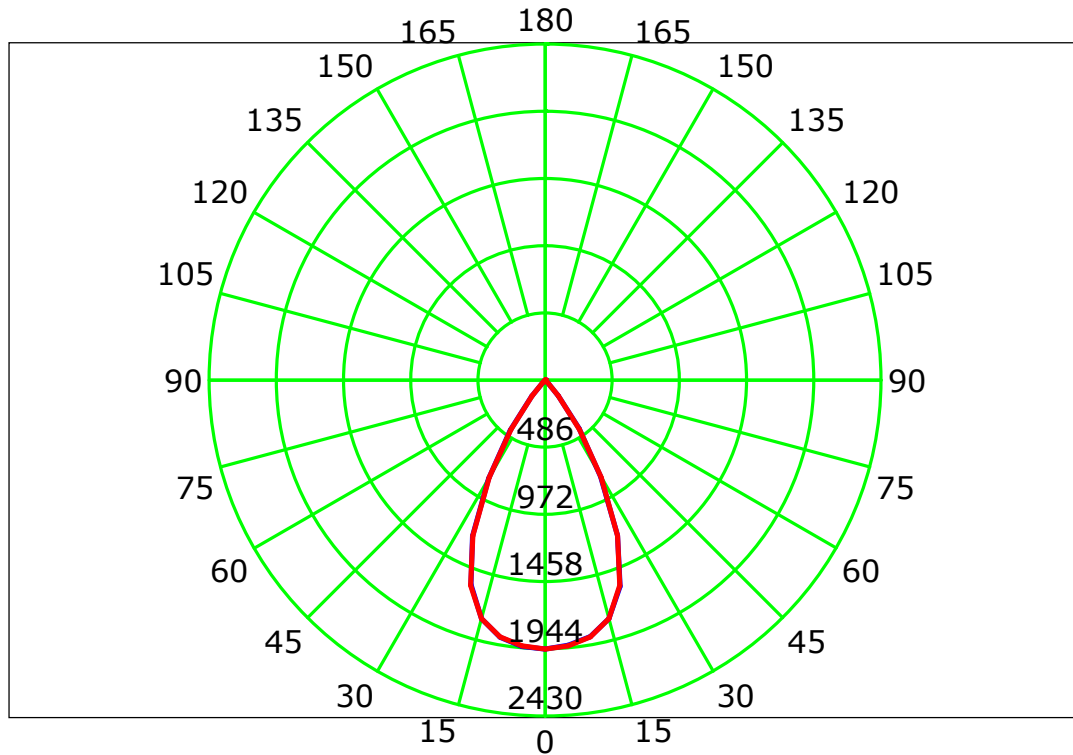
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

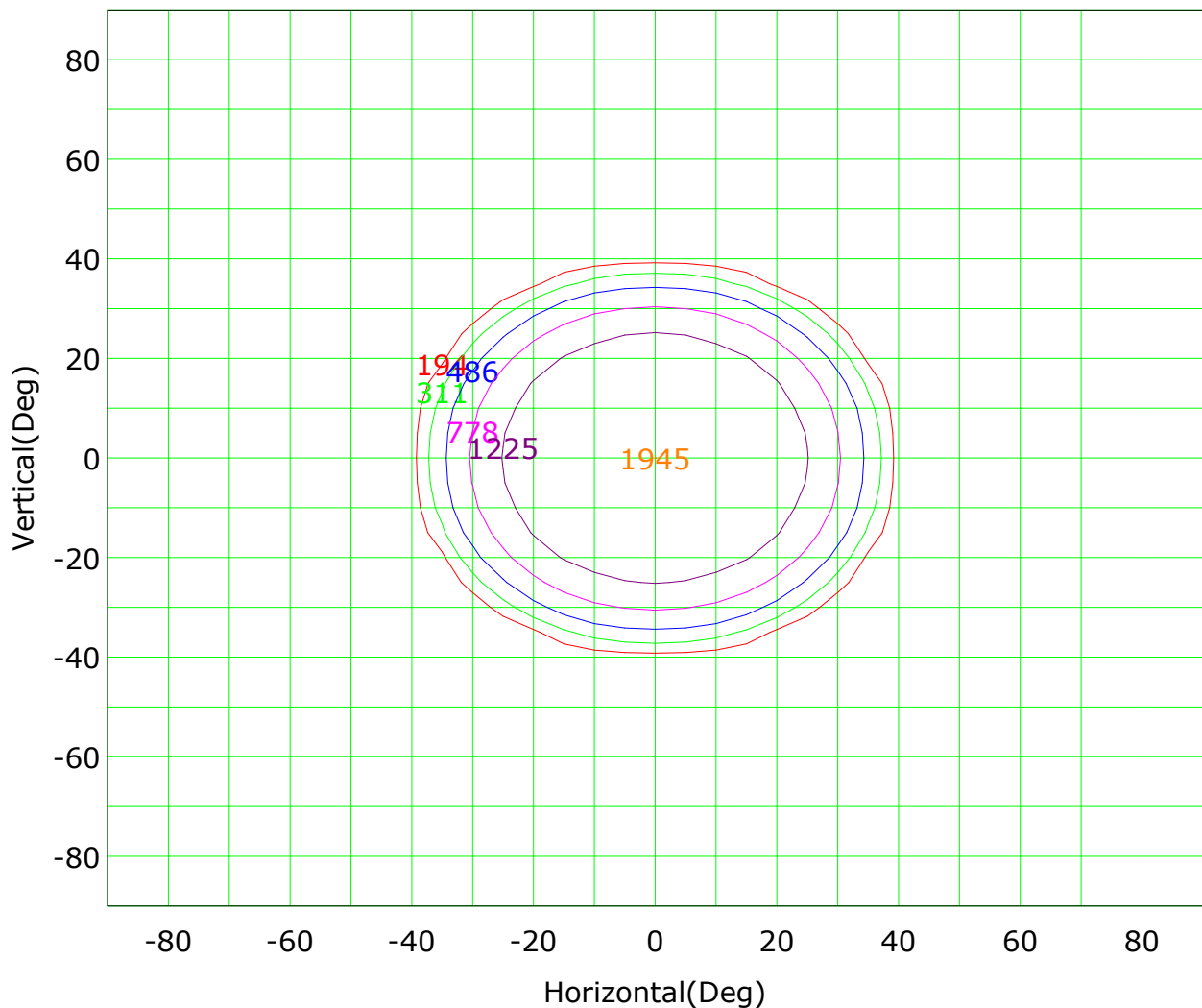
Luminous Intensity Distribution Curve



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%): 1945 cd

| | |
|-----------------|-----------------|
| (10%): 194 cd | (16%): 311 cd |
| (25%): 486 cd | (40%): 778 cd |
| (63%): 1225 cd | (100%): 1945 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

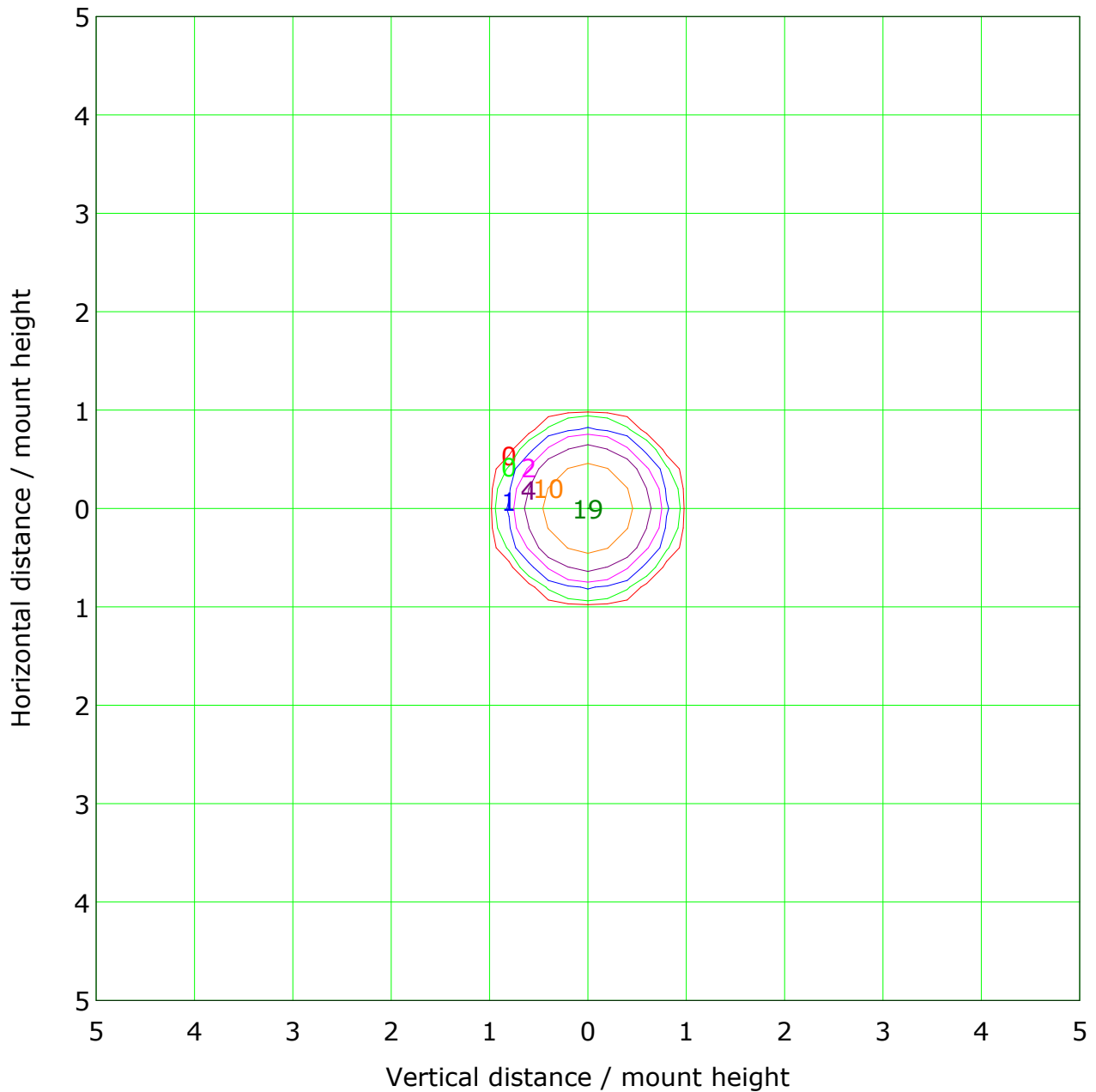
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

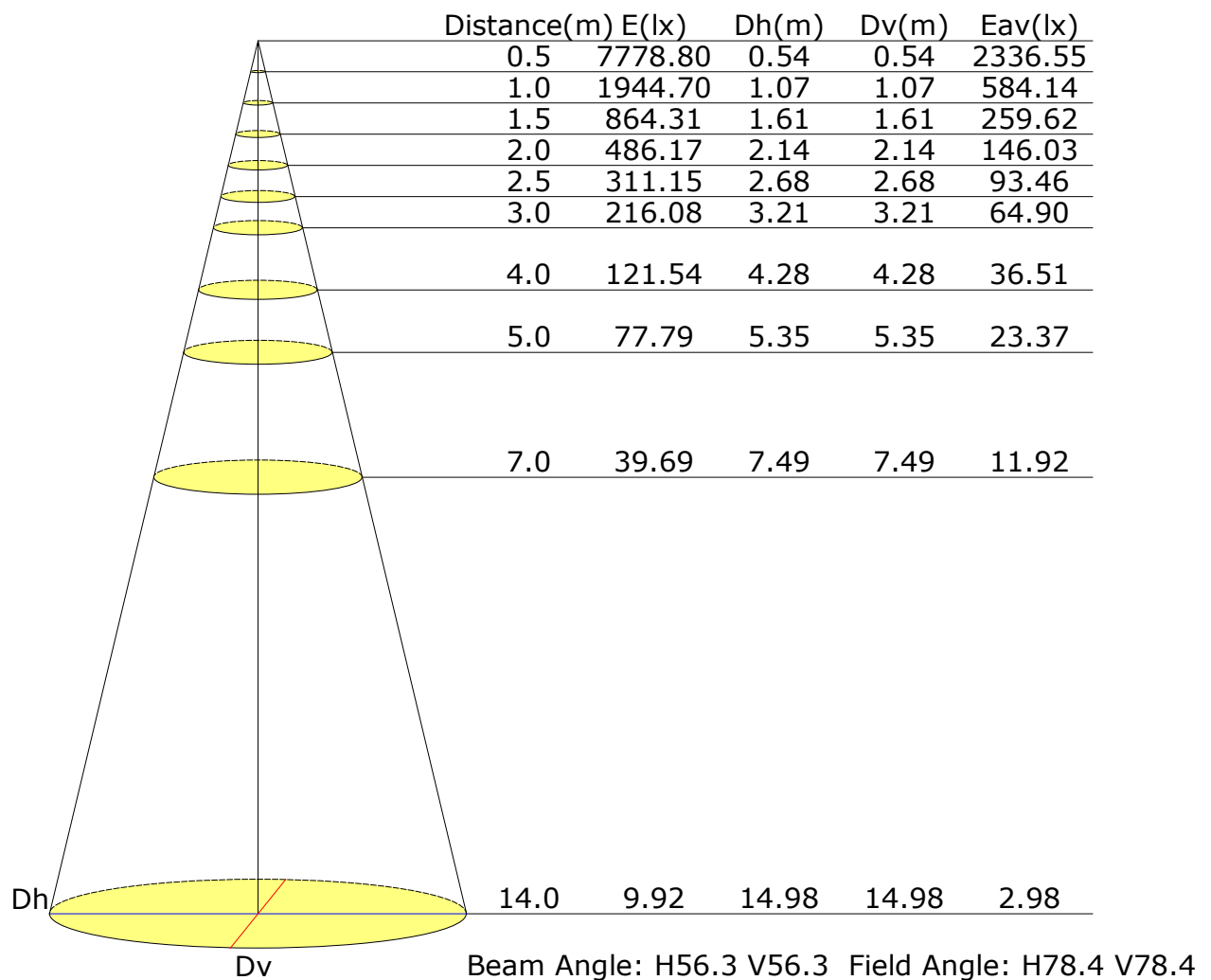


| | | | |
|--|-------|-----------|-------|
| Mounting Height: 10m Max Lux(100%): 19 lx | | | |
| — (1%): | 0 lx | — (2%): | 0 lx |
| — (5%): | 1 lx | — (10%): | 2 lx |
| — (20%): | 4 lx | — (50%): | 10 lx |
| — (100%): | 19 lx | | |

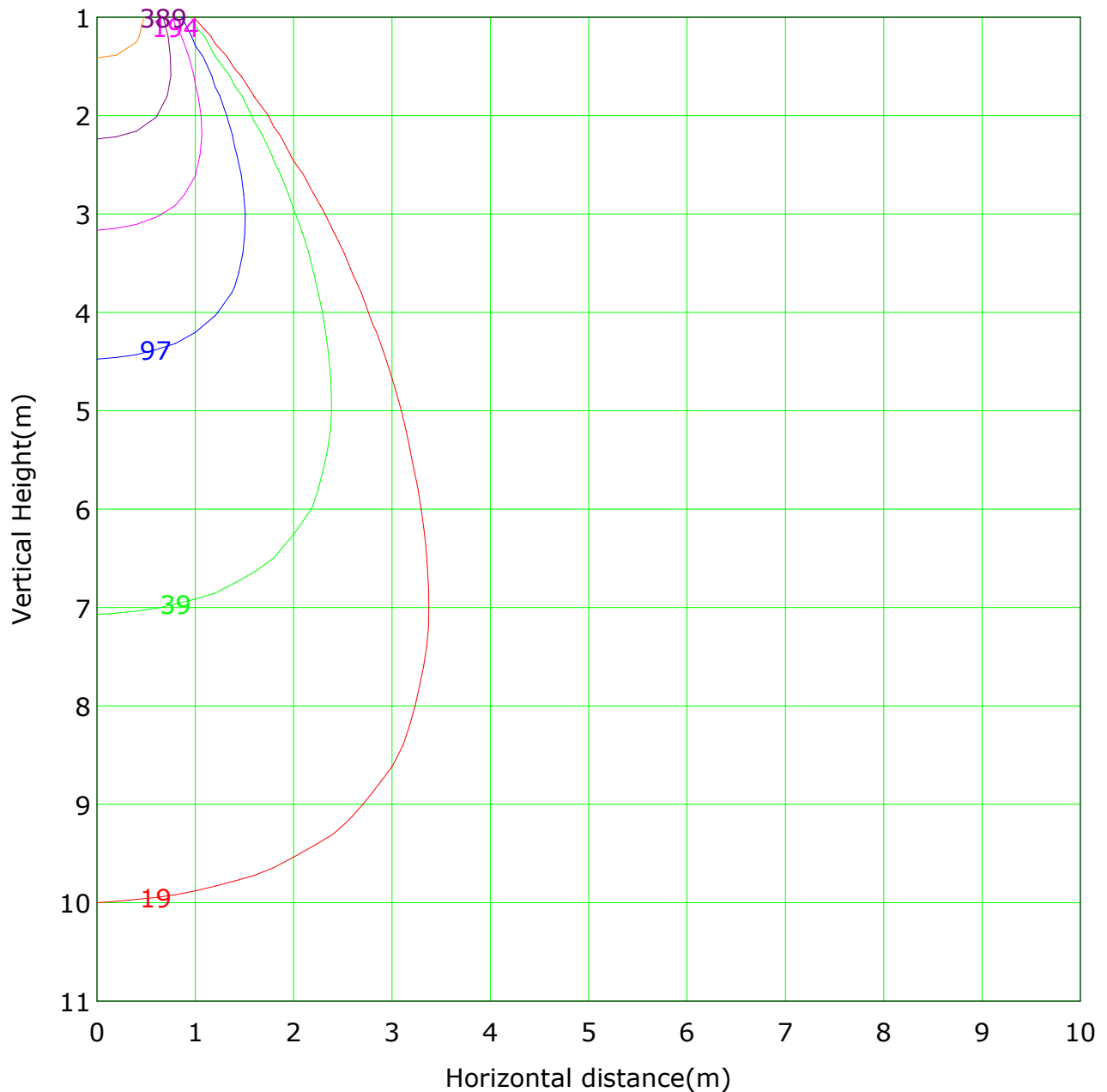
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



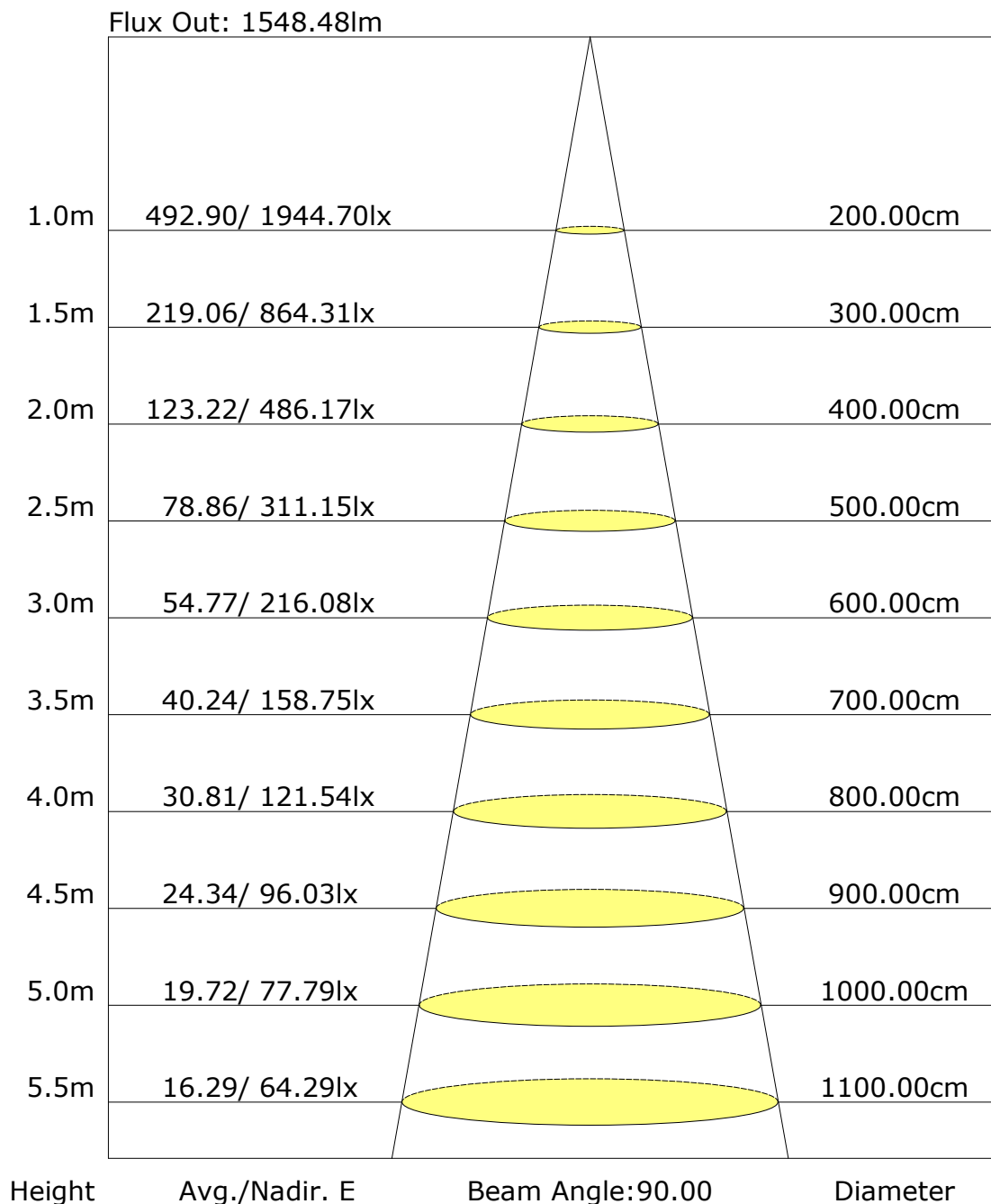
Lowest(m): 1m Highest(m): 11 Max Lux: 1945

| | |
|-----------------|----------------|
| (1%): 19 lx | (2%): 39 lx |
| (5%): 97 lx | (10%): 194 lx |
| (20%): 389 lx | (50%): 972 lx |
| (100%): 1945 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:

Gamma Plane (°):0.0-90.0:5.0
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: