

Report No.: AX-PD-SP-25W-055

Test Time: 2023-09-07 10:54

Luminaire Property

Luminaire Category: Bridgelux V6 3000K CRI90

Voltage: 218.2 V

Current: 0.117 A

Power: 14.50 W

Power Factor: 0.560

Photometric Results

CIE Class: Direct

Measurement Flux: 1076.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H42.7

Vertical Diffuse Angle(50%): V42.7

Luminaire Efficacy Rating (LER): 74

Max. Intensity: 1939.45 cd

Total Rated Lamp Lumens: 1076.9 lm

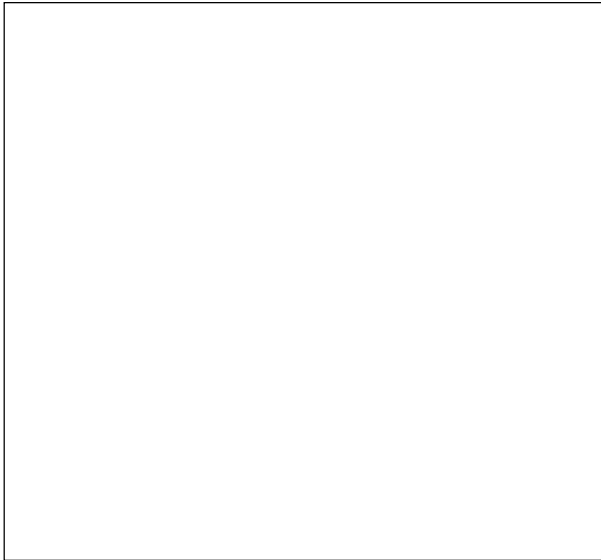
Efficiency: 100%

Upward Ratio: 0%

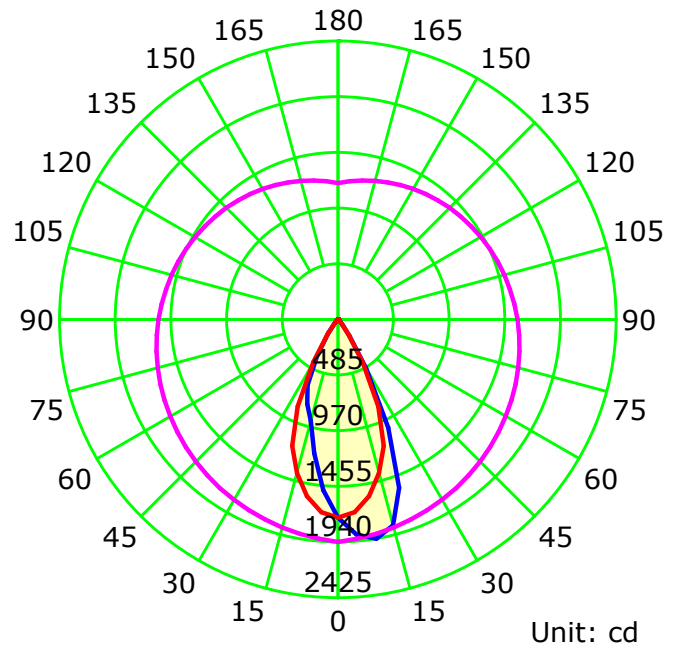
Central Intensity: 1726.39 cd

Pos of Max. Intensity: H0 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G10

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

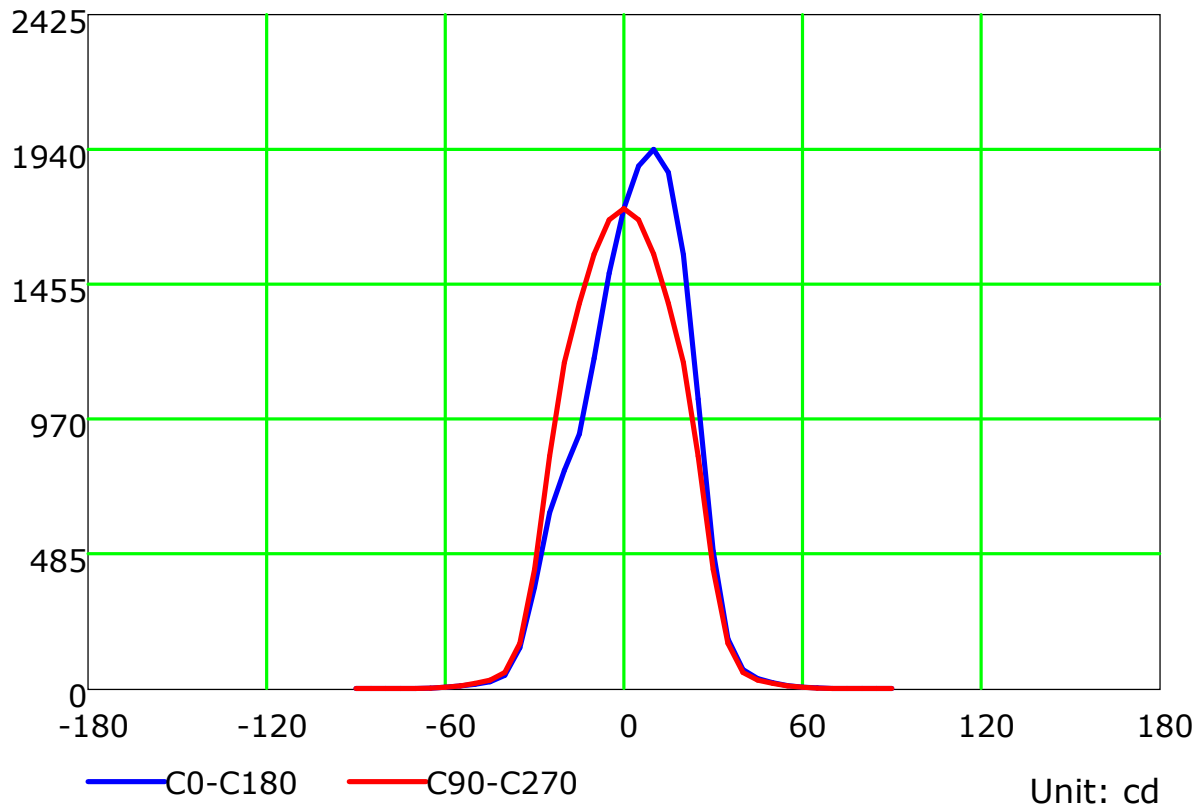
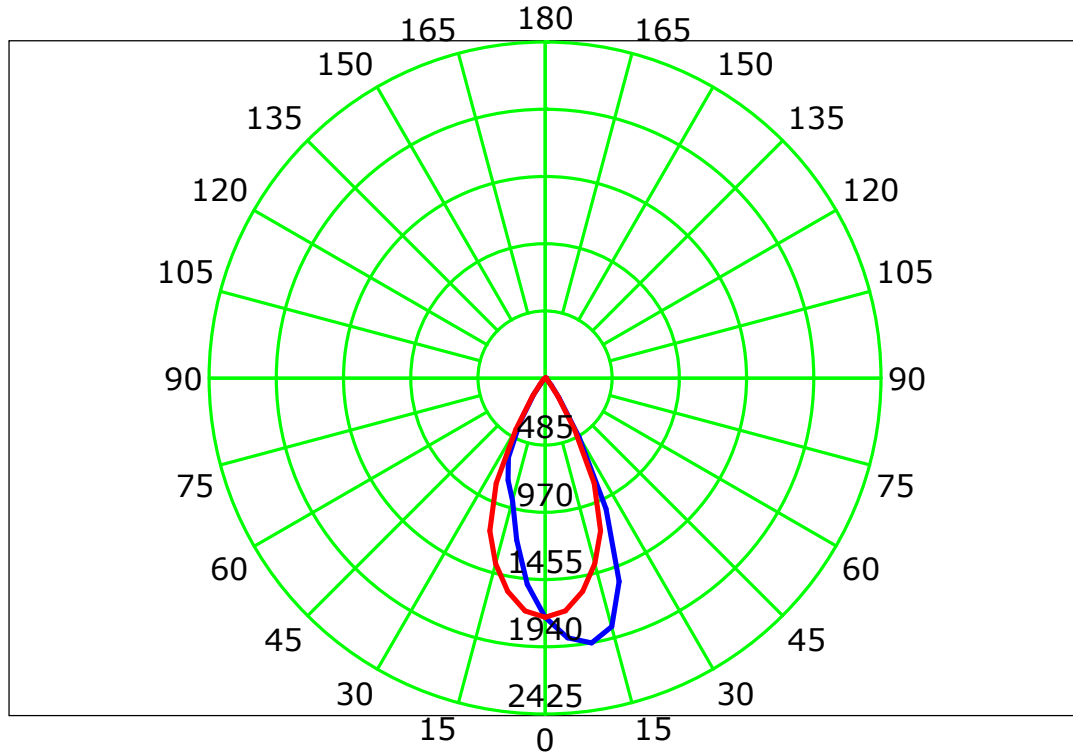
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

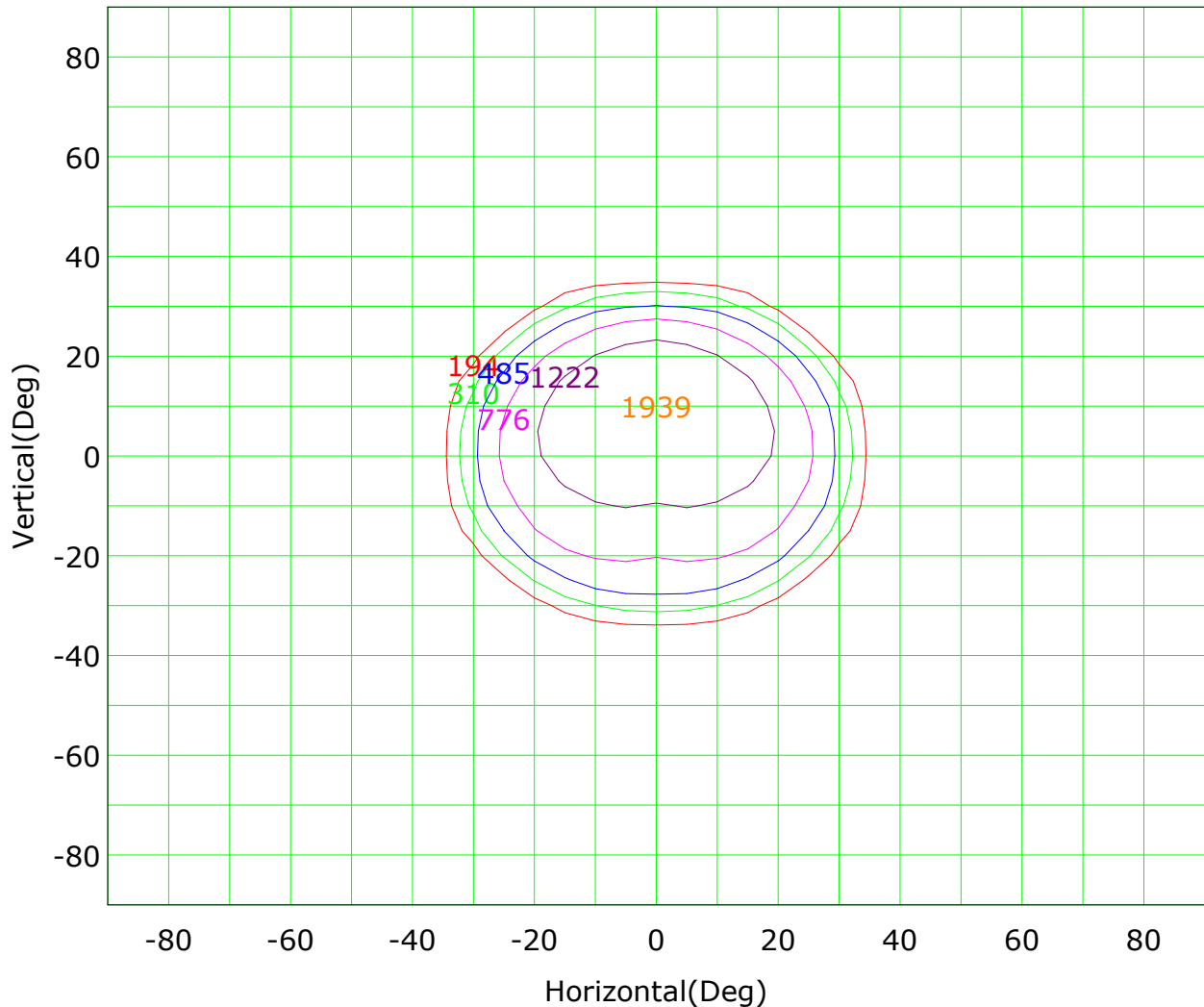
Luminous Intensity Distribution Curve



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%): 1939 cd

| | |
|-----------------|-----------------|
| (10%): 194 cd | (16%): 310 cd |
| (25%): 485 cd | (40%): 776 cd |
| (63%): 1222 cd | (100%): 1939 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

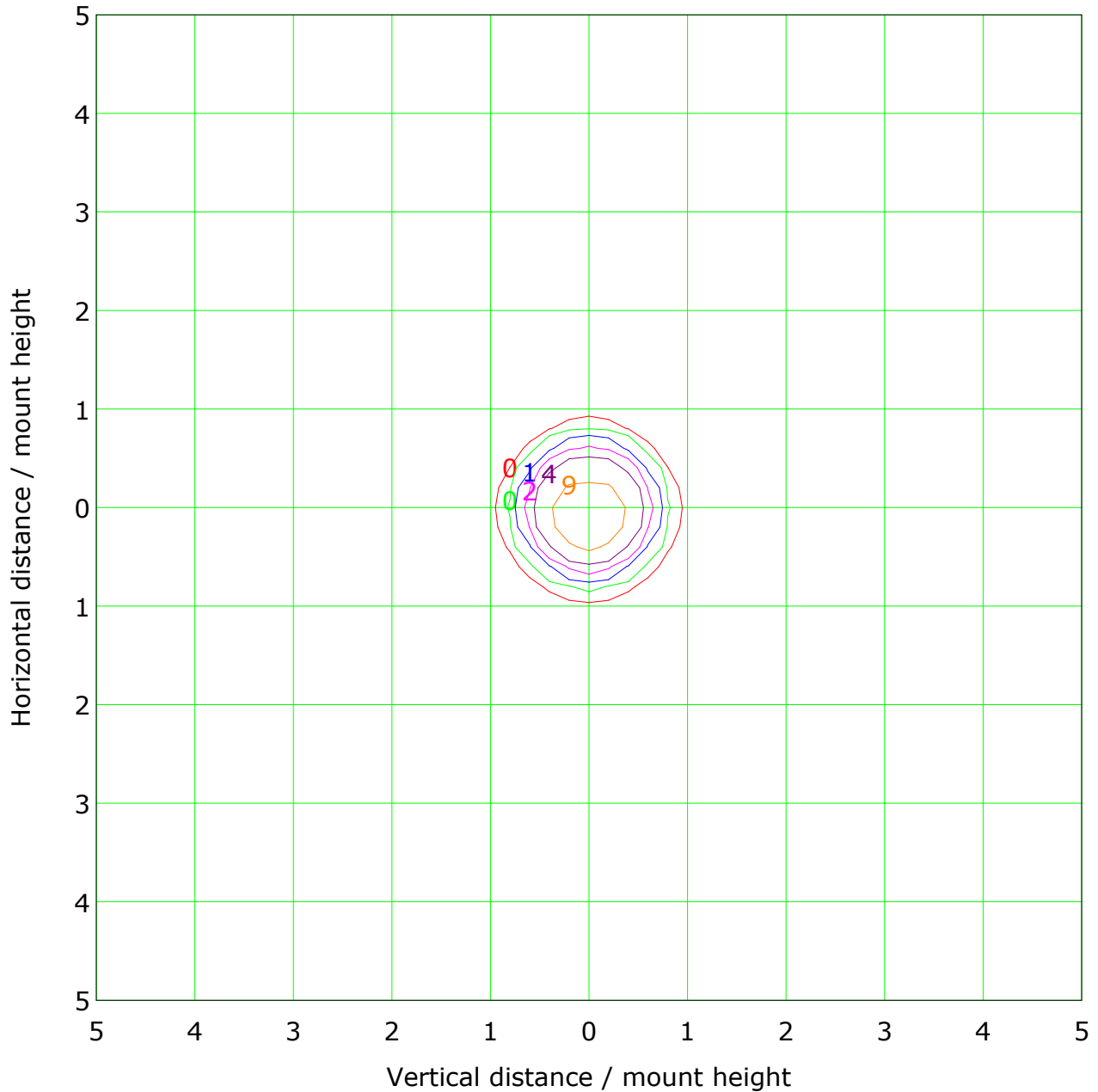
Test Device: CHL-6E

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%): | 9 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

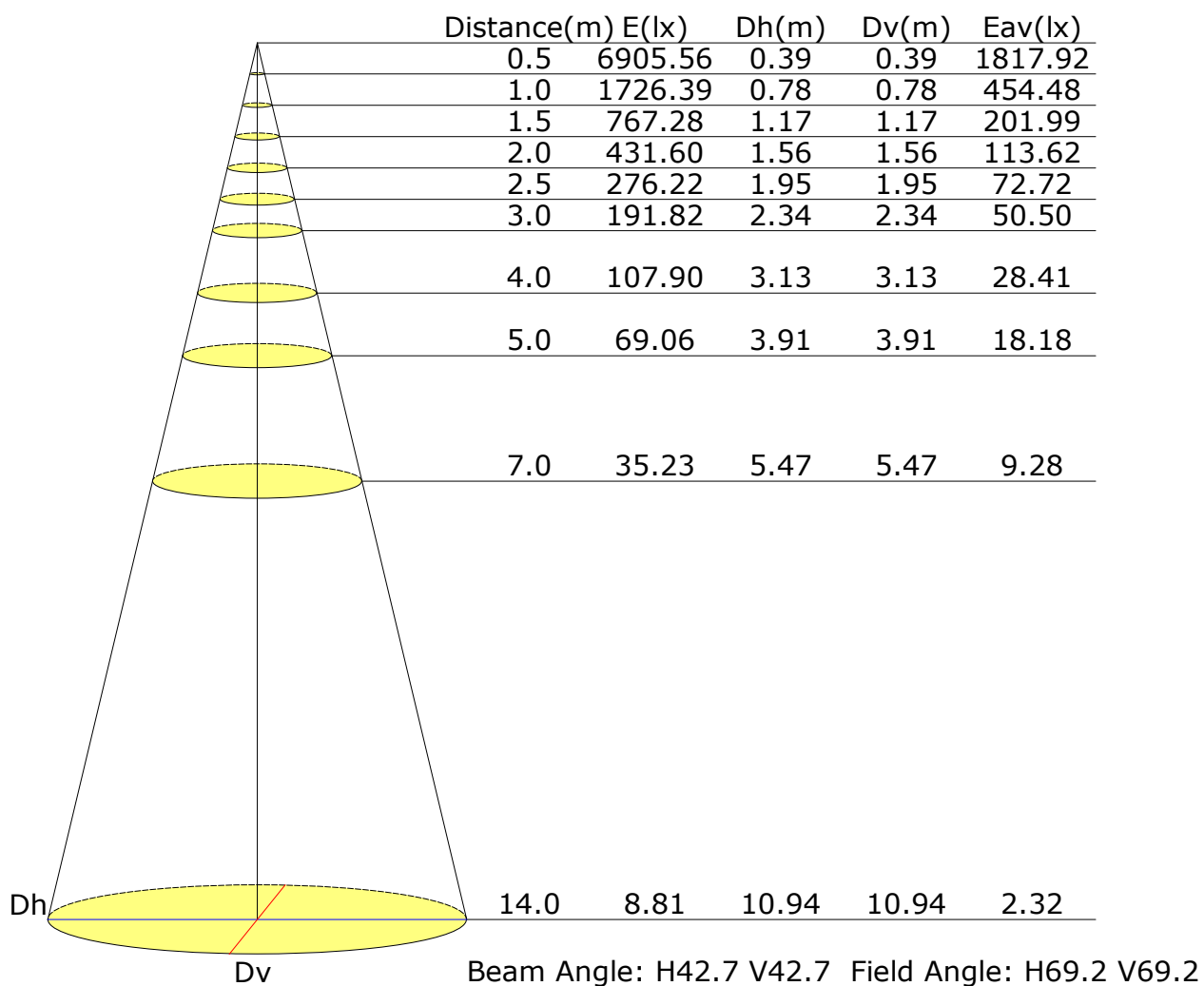
Test Device: CHL-6E

Distance: 3.000 m

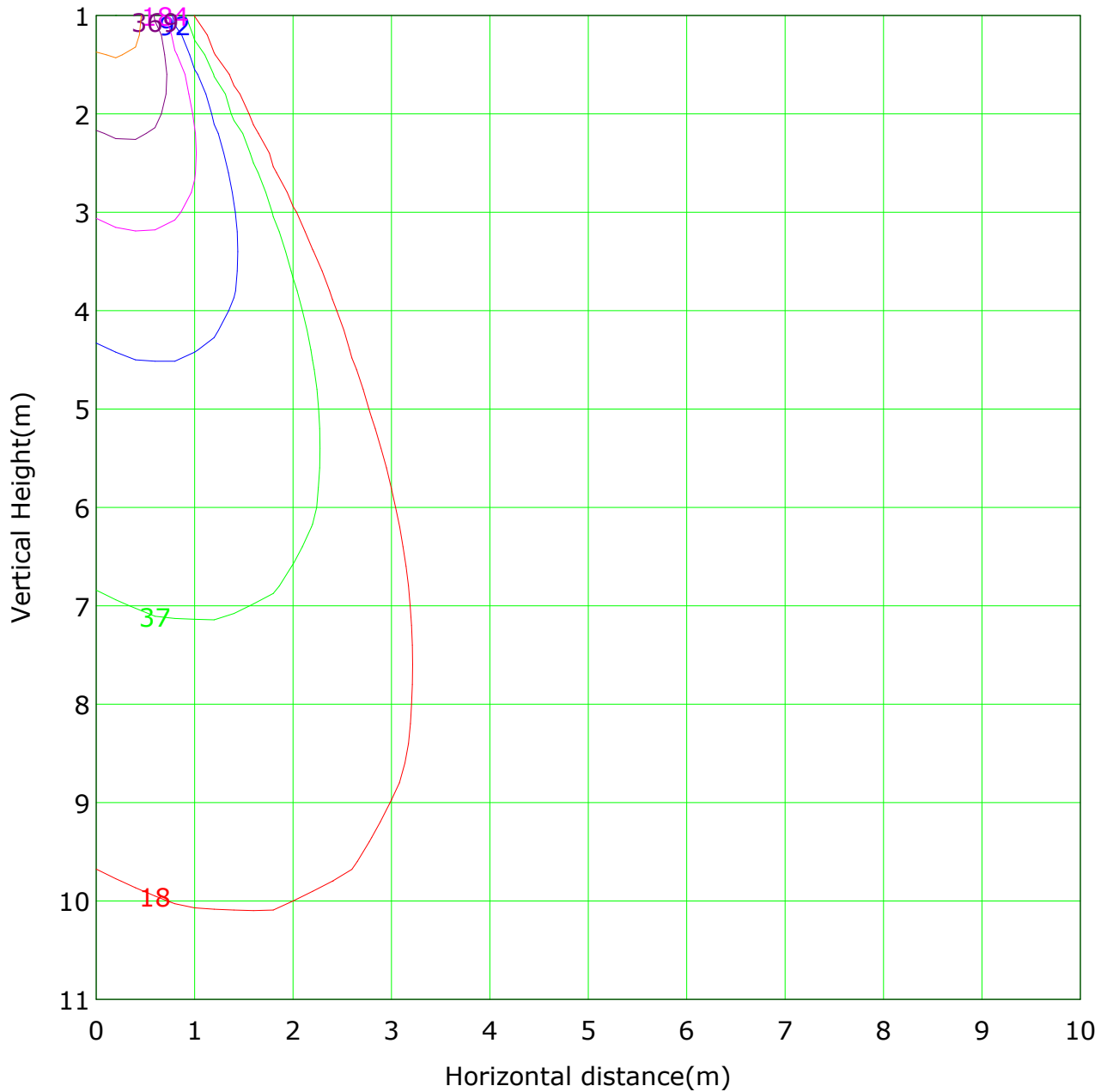
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



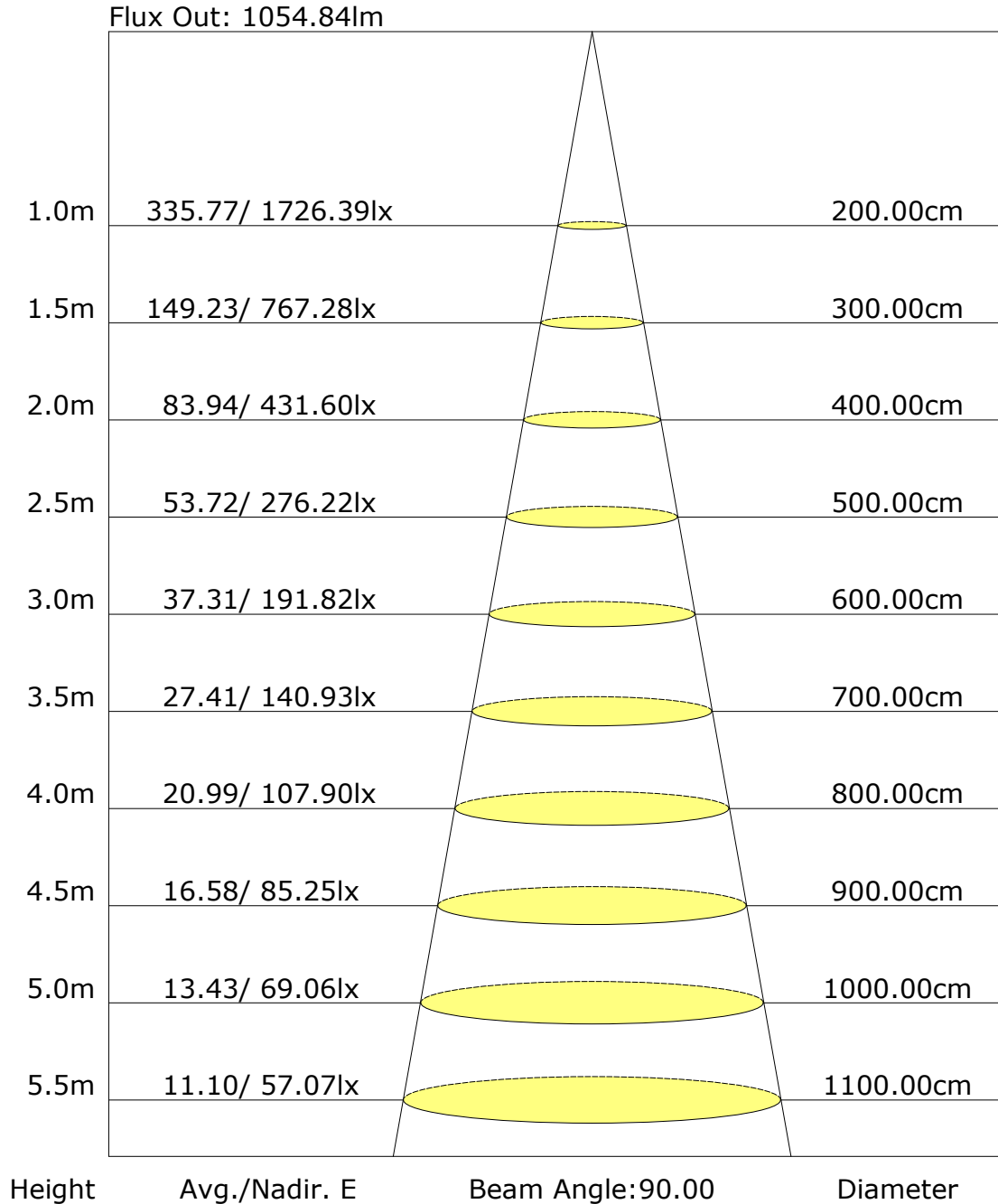
Lowest(m): 1m Highest(m): 11 Max Lux: 1844

| | |
|-----------------|----------------|
| (1%): 18 lx | (2%): 37 lx |
| (5%): 92 lx | (10%): 184 lx |
| (20%): 369 lx | (50%): 922 lx |
| (100%): 1844 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:

[illegible]

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: