

Report No.: 93.07511 PURE Surfae Mounted Test Time: 2023-06-03 11:45

Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90
Luminaire Description: 45D
Current: 0.080 A
Power Factor: 0.975
Voltage: 213.2 V
Power: 16.60 W

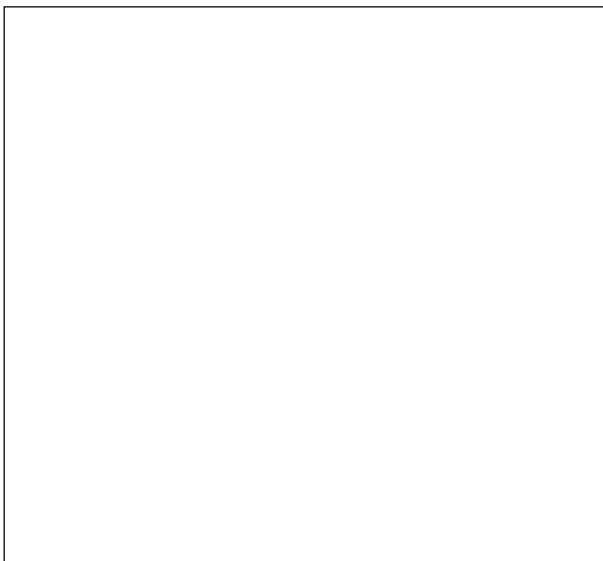
Photometric Results

CIE Class: Direct
Measurement Flux: 708 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H44.7
Vertical Diffuse Angle(50%): V44.7
Luminaire Efficacy Rating (LER): 43
Max. Intensity: 1085.9 cd

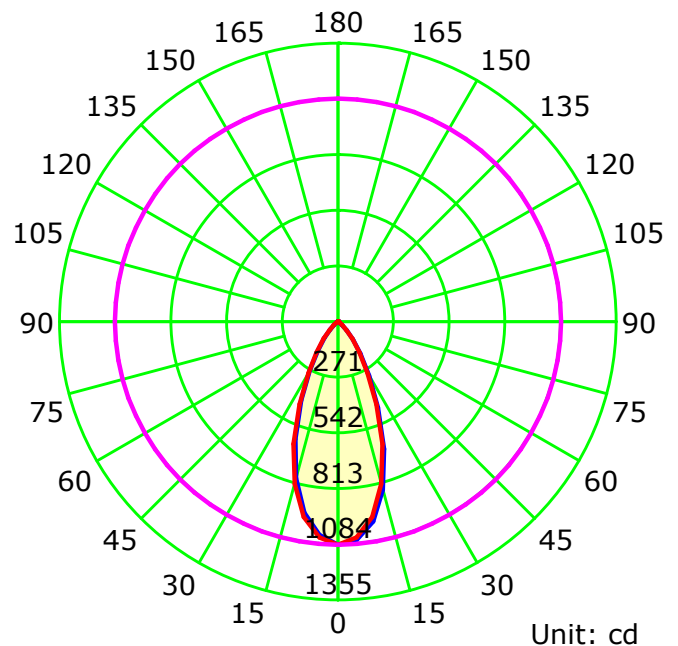
Total Rated Lamp Lumens: 708.0 lm
Efficiency: 100%
Upward Ratio: 0%

Central Intensity: 1085.89 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve

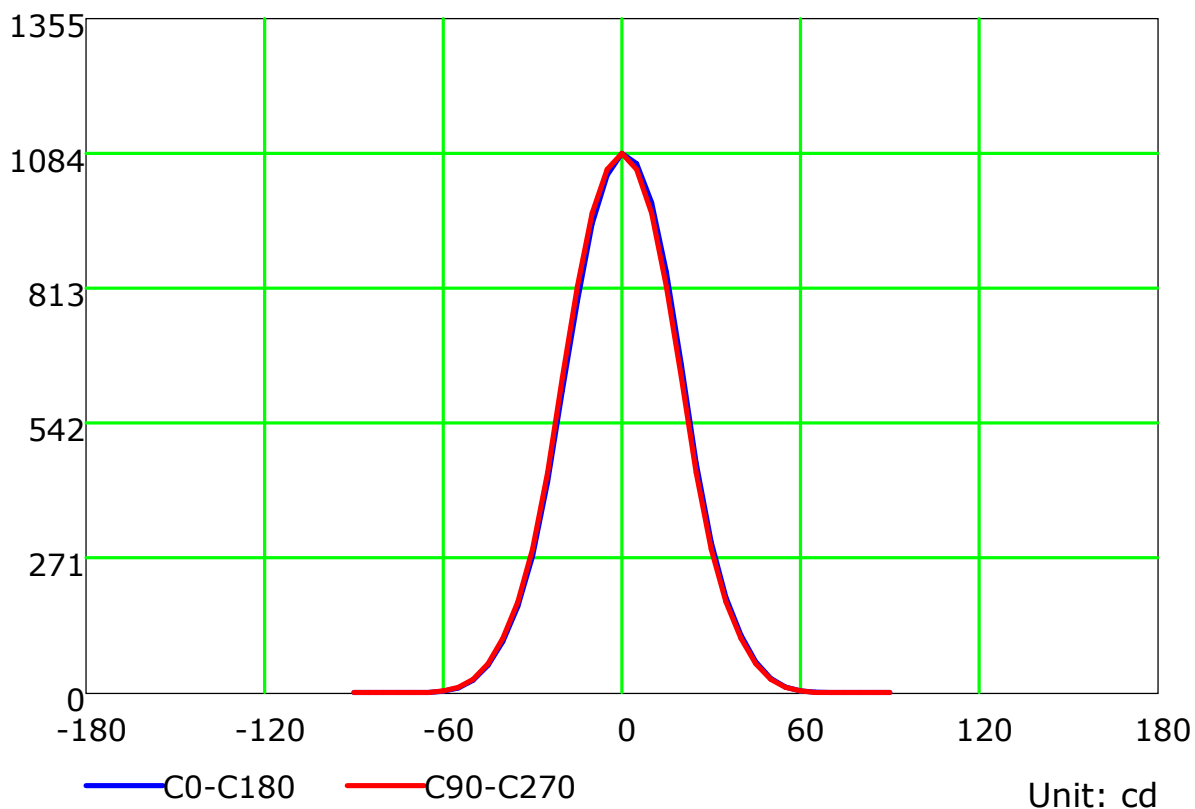
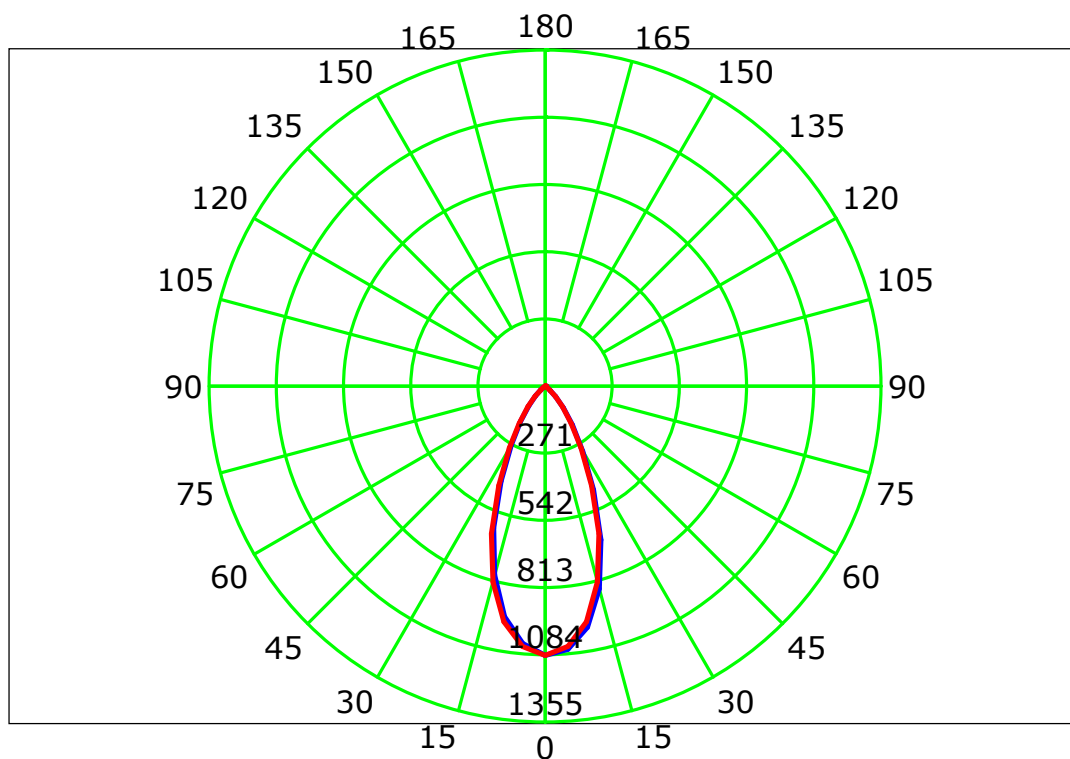


— C0-C180 — C90-C270 — G0

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:

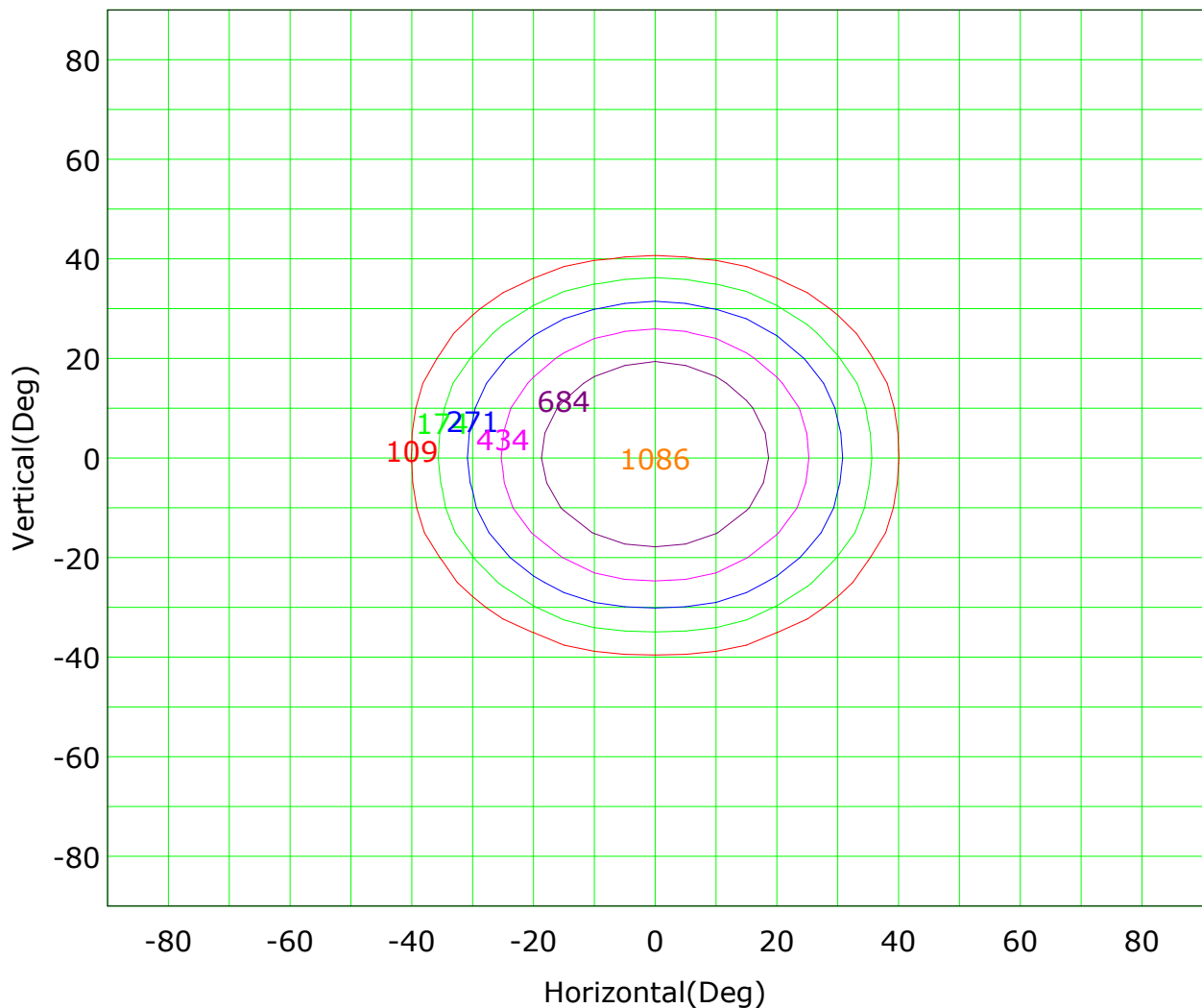
Luminous Intensity Distribution Curve



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%): 1086 cd

| | |
|----------------|-----------------|
| (10%): 109 cd | (16%): 174 cd |
| (25%): 271 cd | (40%): 434 cd |
| (63%): 684 cd | (100%): 1086 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

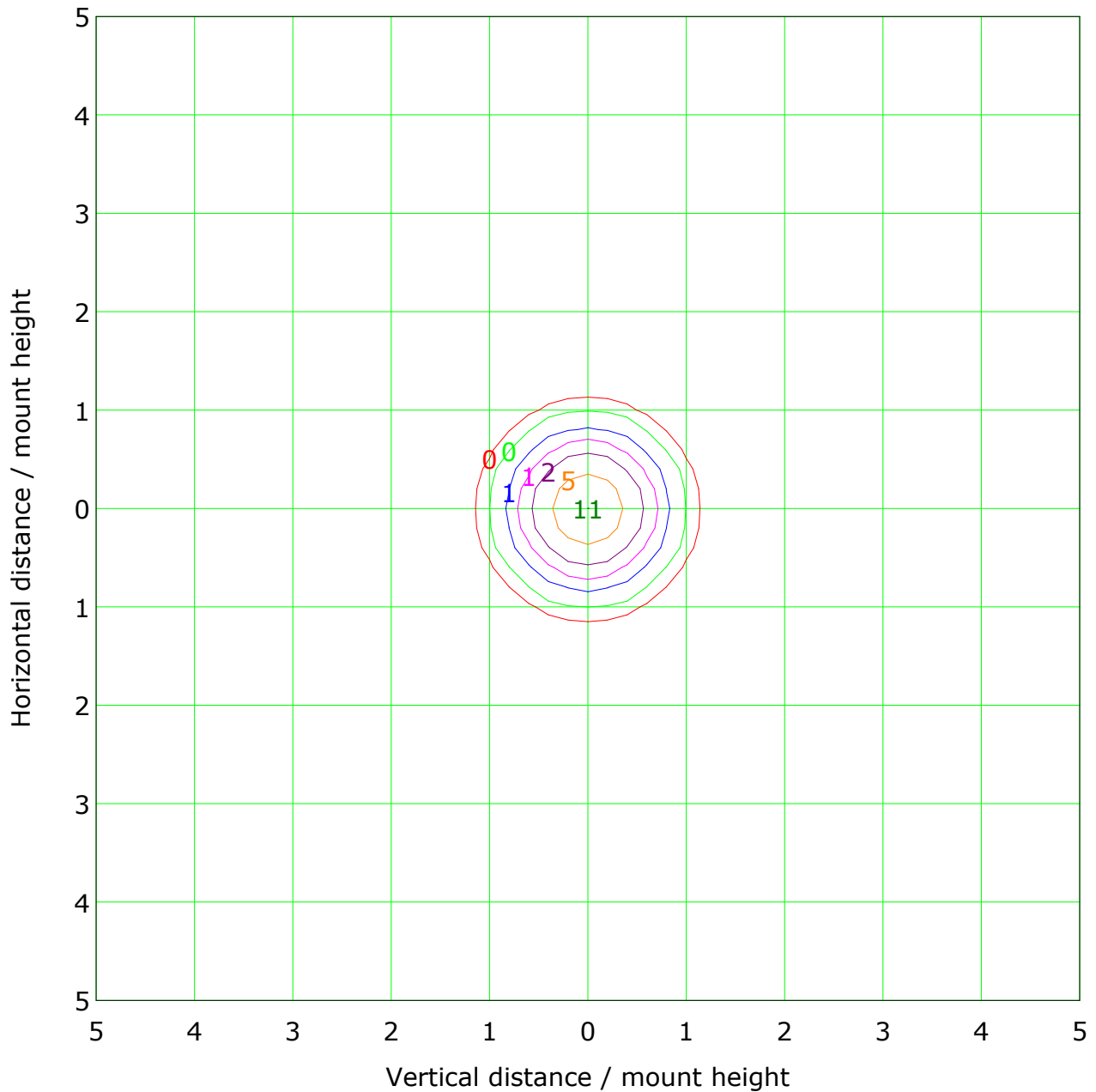
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



| | | | |
|--|-------|-----------|------|
| Mounting Height: 10m Max Lux(100%): 11 lx | | | |
| — (1%): | 0 lx | — (2%): | 0 lx |
| — (5%): | 1 lx | — (10%): | 1 lx |
| — (20%): | 2 lx | — (50%): | 5 lx |
| — (100%): | 11 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

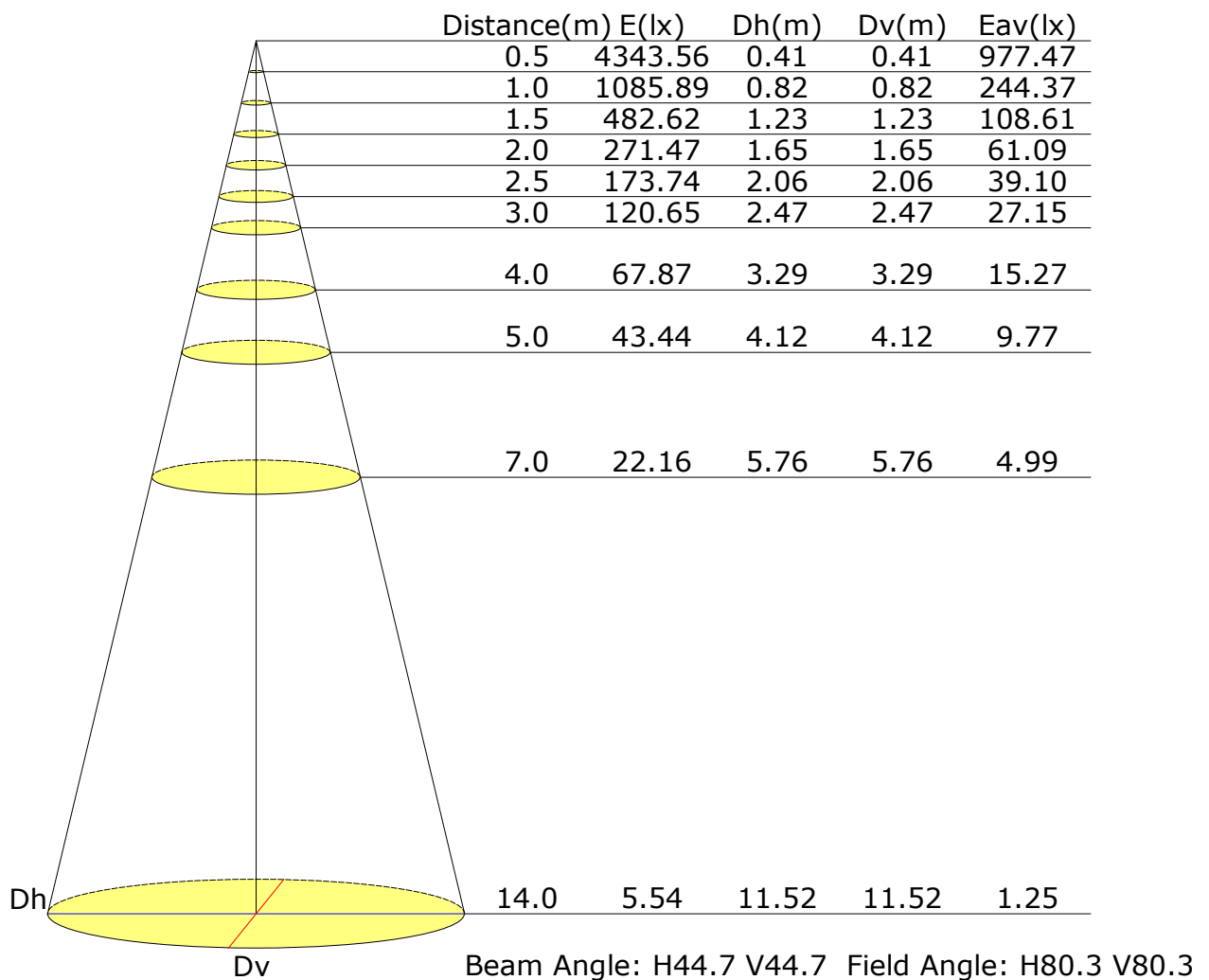
Test Device: CHL-6E

Distance: 3.000 m

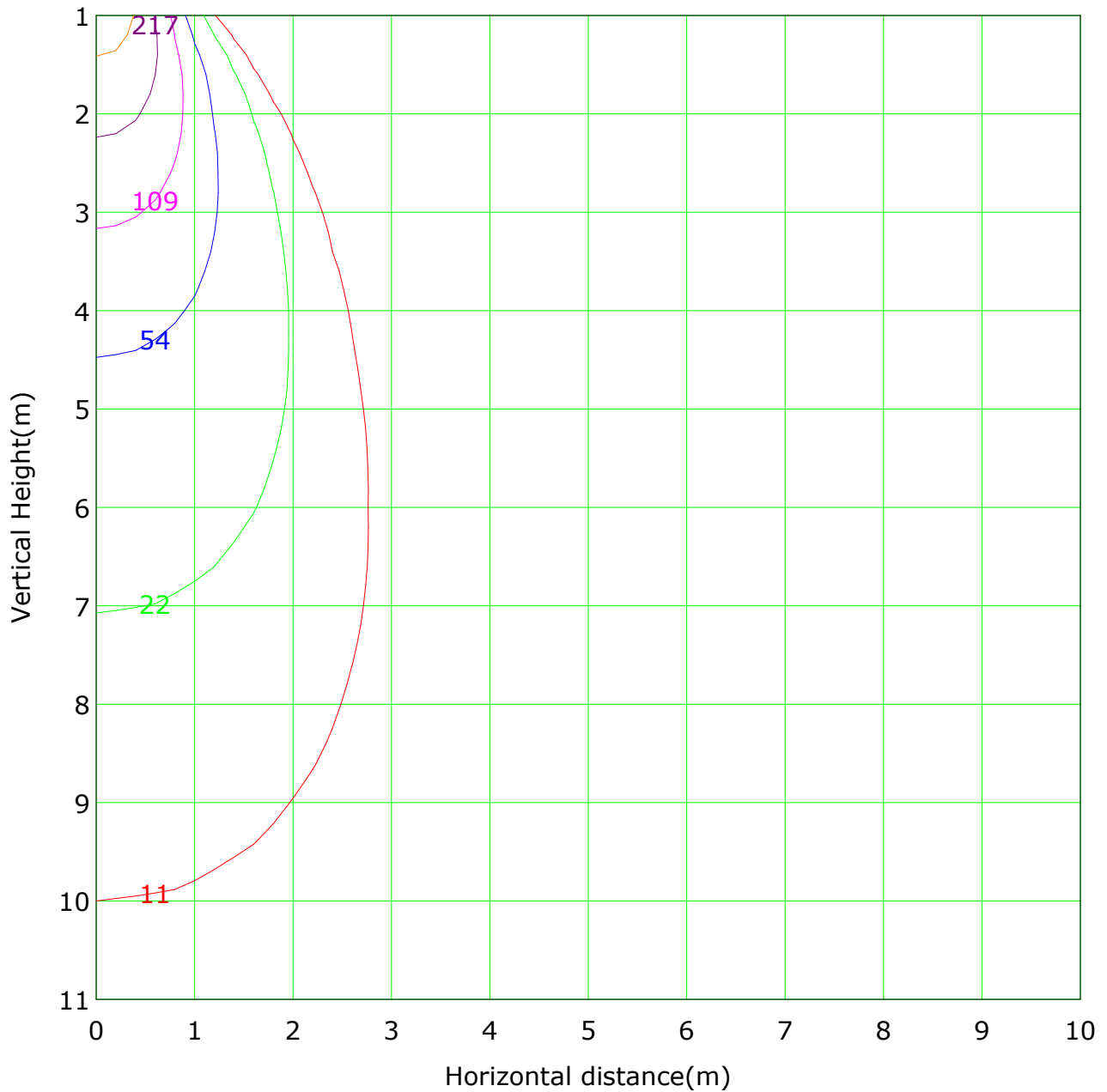
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



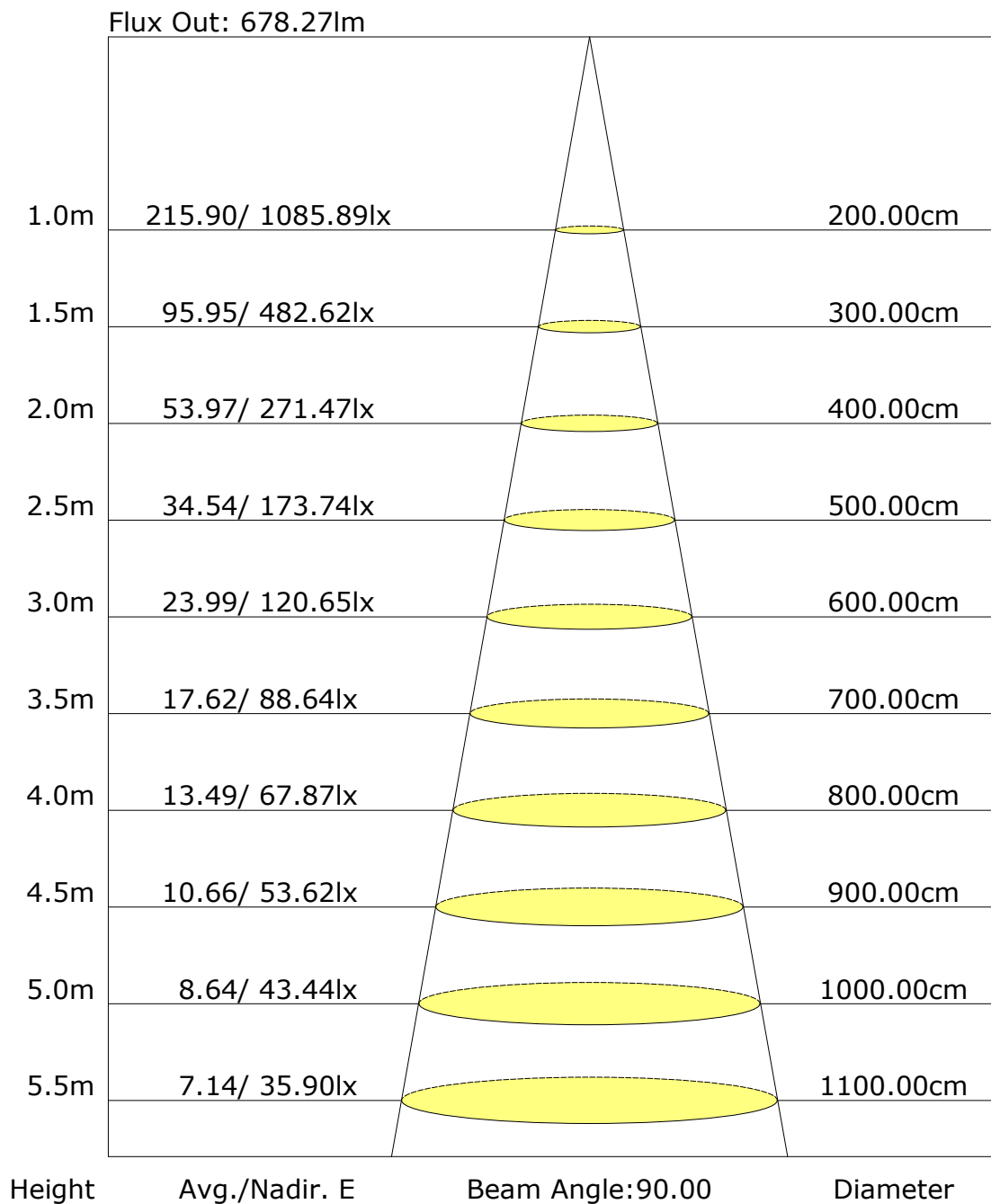
Lowest(m): 1m Highest(m): 11 Max Lux: 1086

| | |
|-----------------|----------------|
| (1%): 11 lx | (2%): 22 lx |
| (5%): 54 lx | (10%): 109 lx |
| (20%): 217 lx | (50%): 543 lx |
| (100%): 1086 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: