

Report No.: 31.08412 Action Track light

Test Time: 2023-09-26 18:28

Luminaire Property

Luminaire Category: Bridgelux F90 V13C 3000K CRI90

Voltage: 228.6 V

Current: 0.187 A

Power: 41.30 W

Power Factor: 0.962

Photometric Results

CIE Class: Direct

Measurement Flux: 4718.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H23.8

Vertical Diffuse Angle(50%): V23.8

Luminaire Efficacy Rating (LER): 114

Max. Intensity: 25671.95 cd

Total Rated Lamp Lumens: 4718.8 lm

Efficiency: 100%

Upward Ratio: 0%

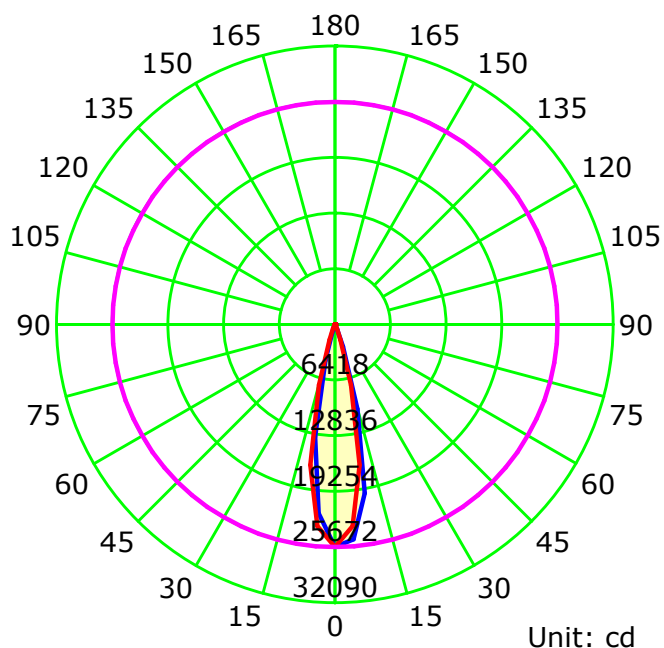
Central Intensity: 25671.95 cd

Pos of Max. Intensity: H0 V0

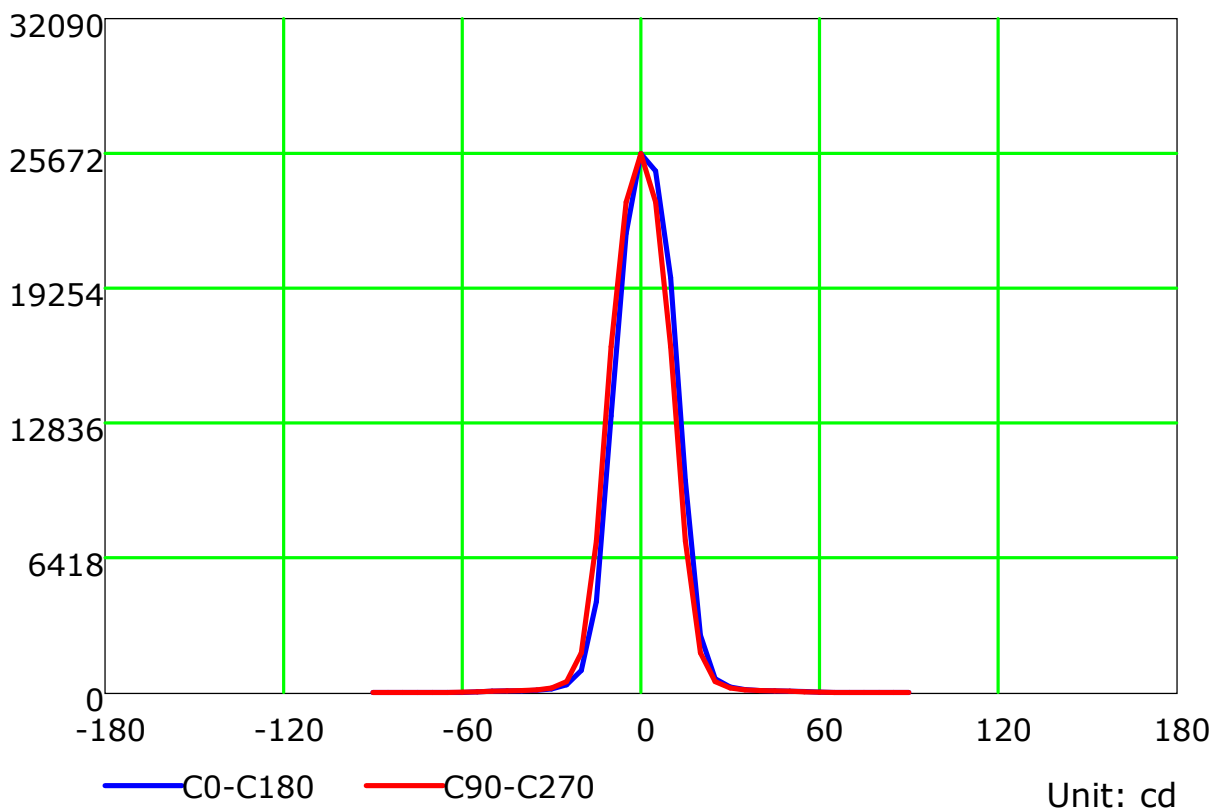
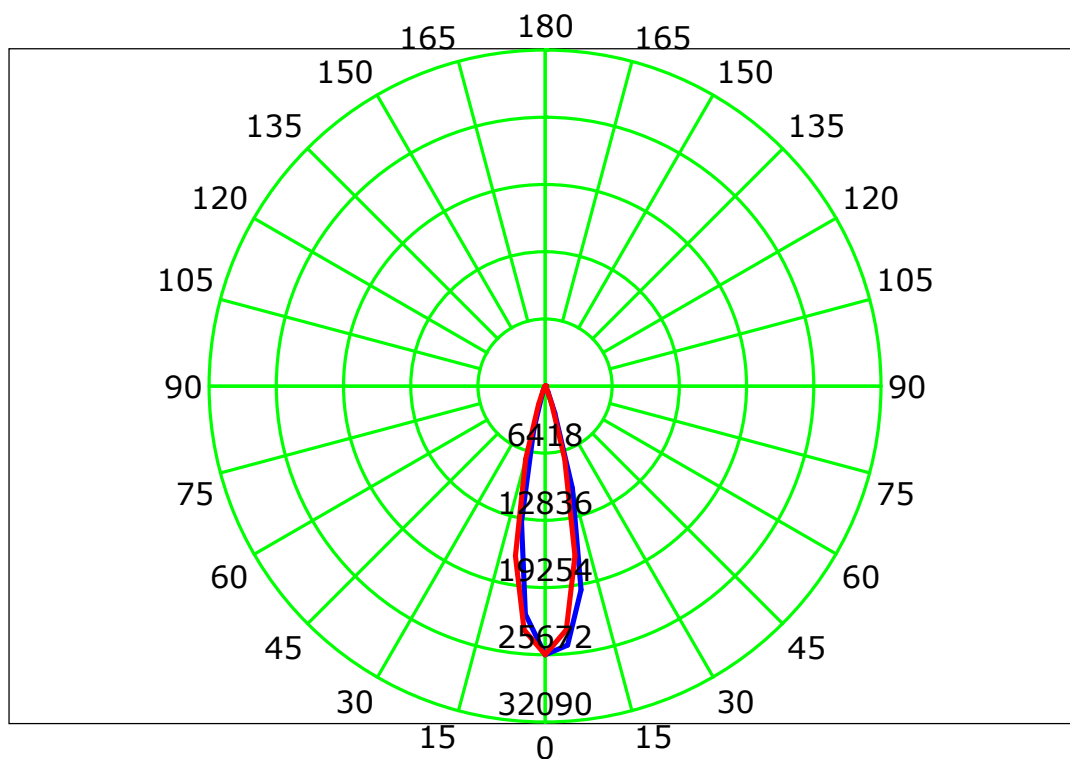
Picture Of Luminaire



Luminous Intensity Distribution Curve



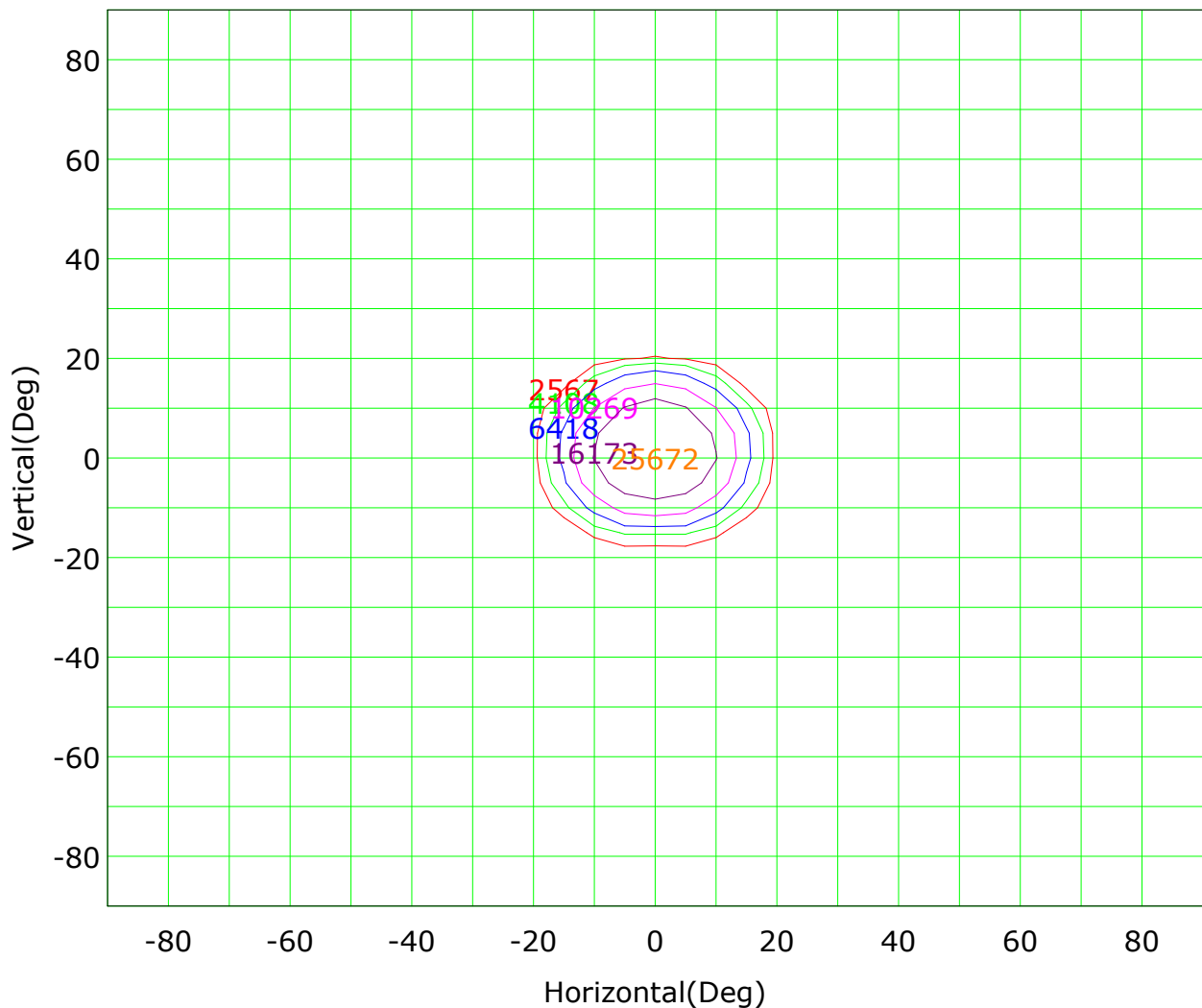
Luminous Intensity Distribution Curve



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%): 25672 cd

- | | |
|------------------|------------------|
| (10%): 2567 cd | (16%): 4108 cd |
| (25%): 6418 cd | (40%): 10269 cd |
| (63%): 16173 cd | (100%): 25672 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

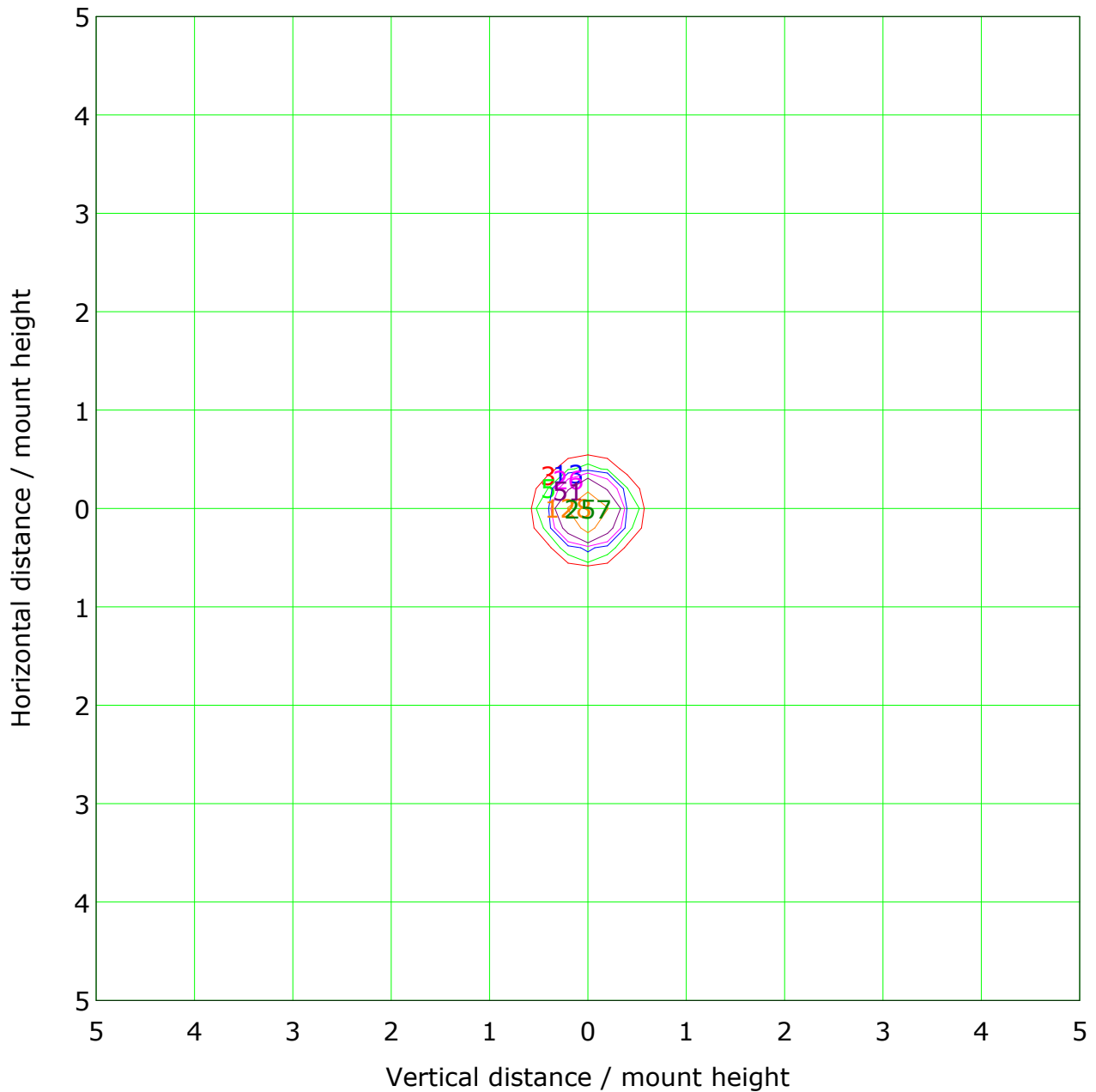
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 257 lx	
(1%):	3 lx	(2%):	5 lx
(5%):	13 lx	(10%):	26 lx
(20%):	51 lx	(50%):	128 lx
(100%):	257 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

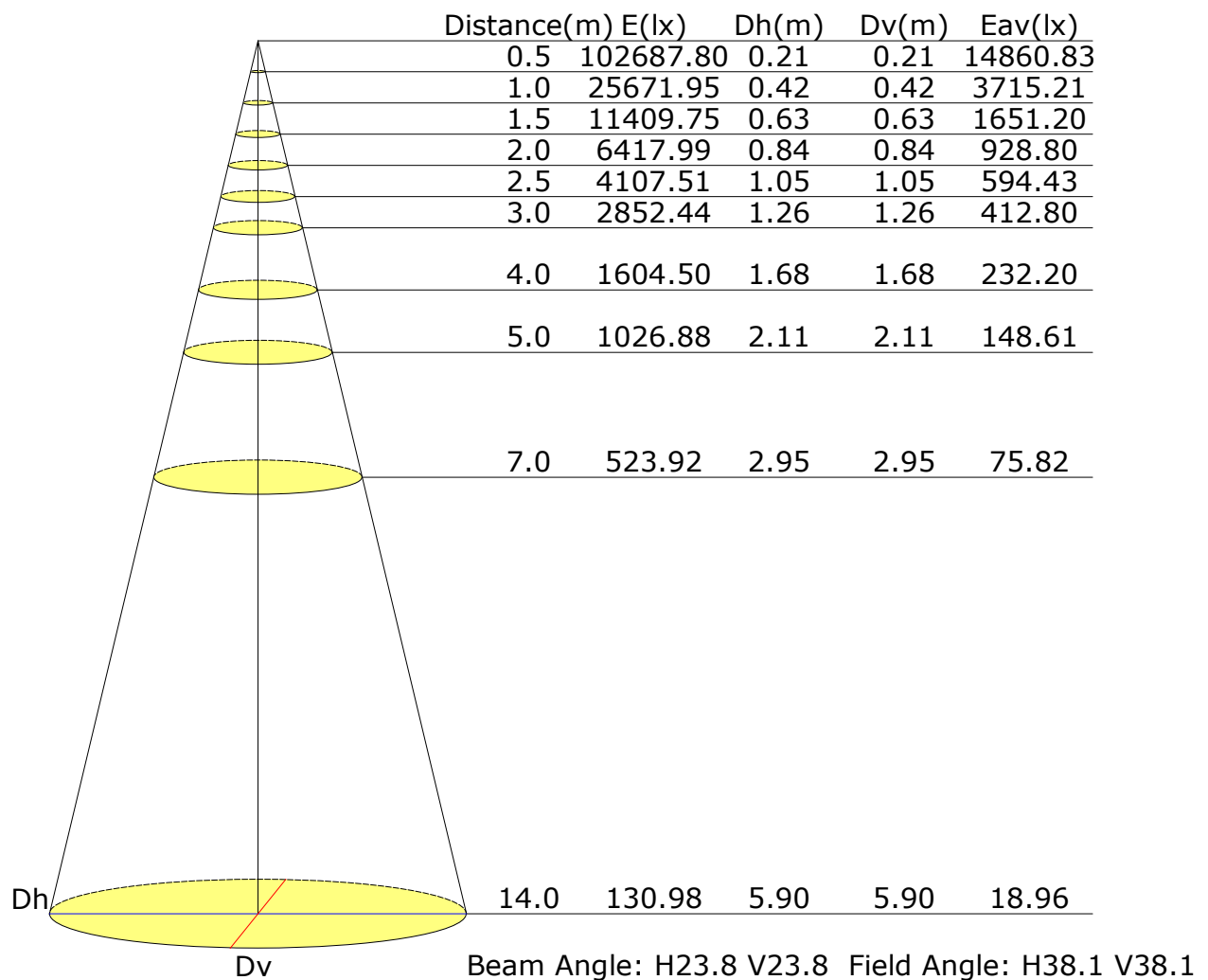
Test Device: CHL-6E

Distance: 3.000 m

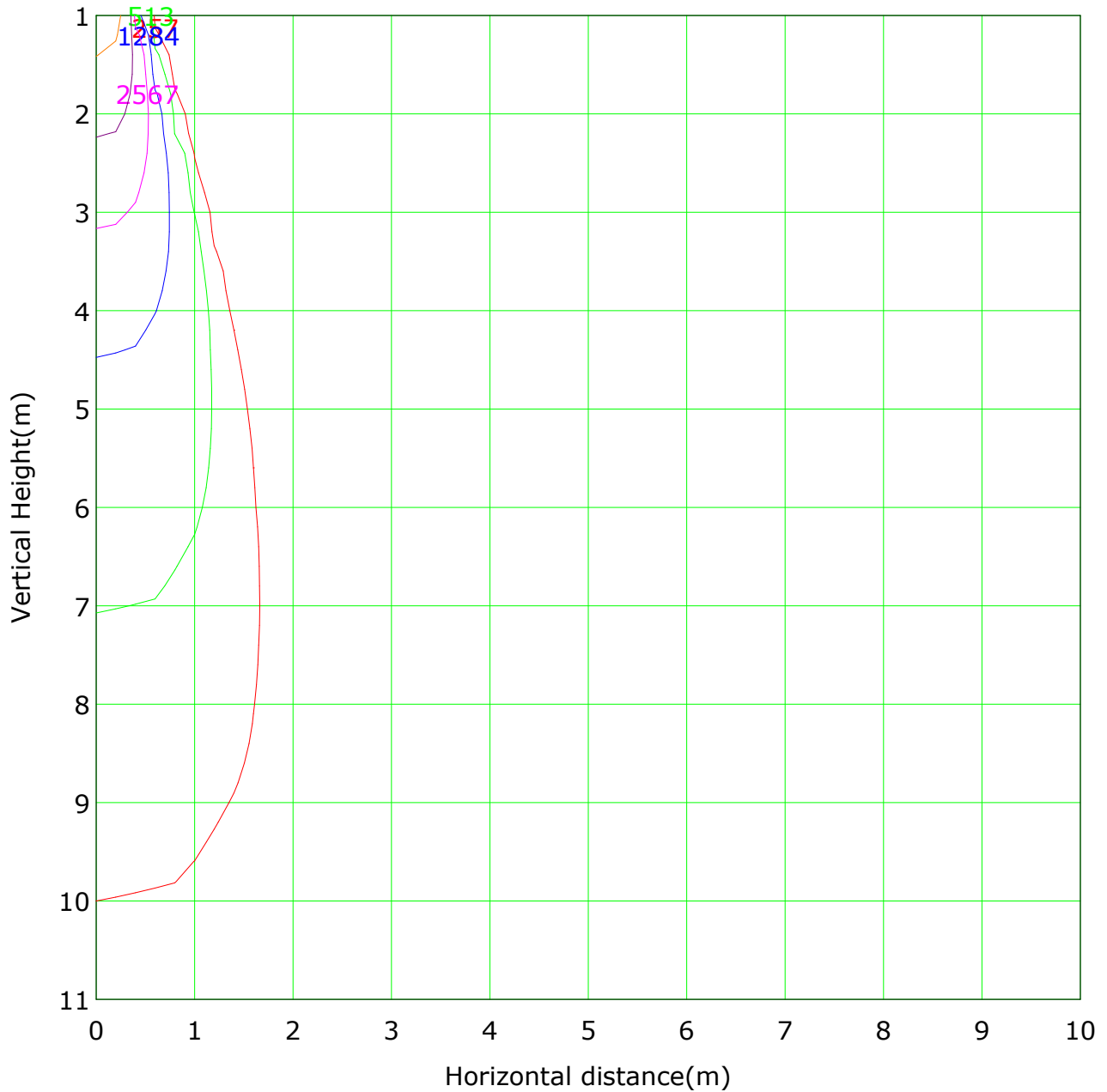
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

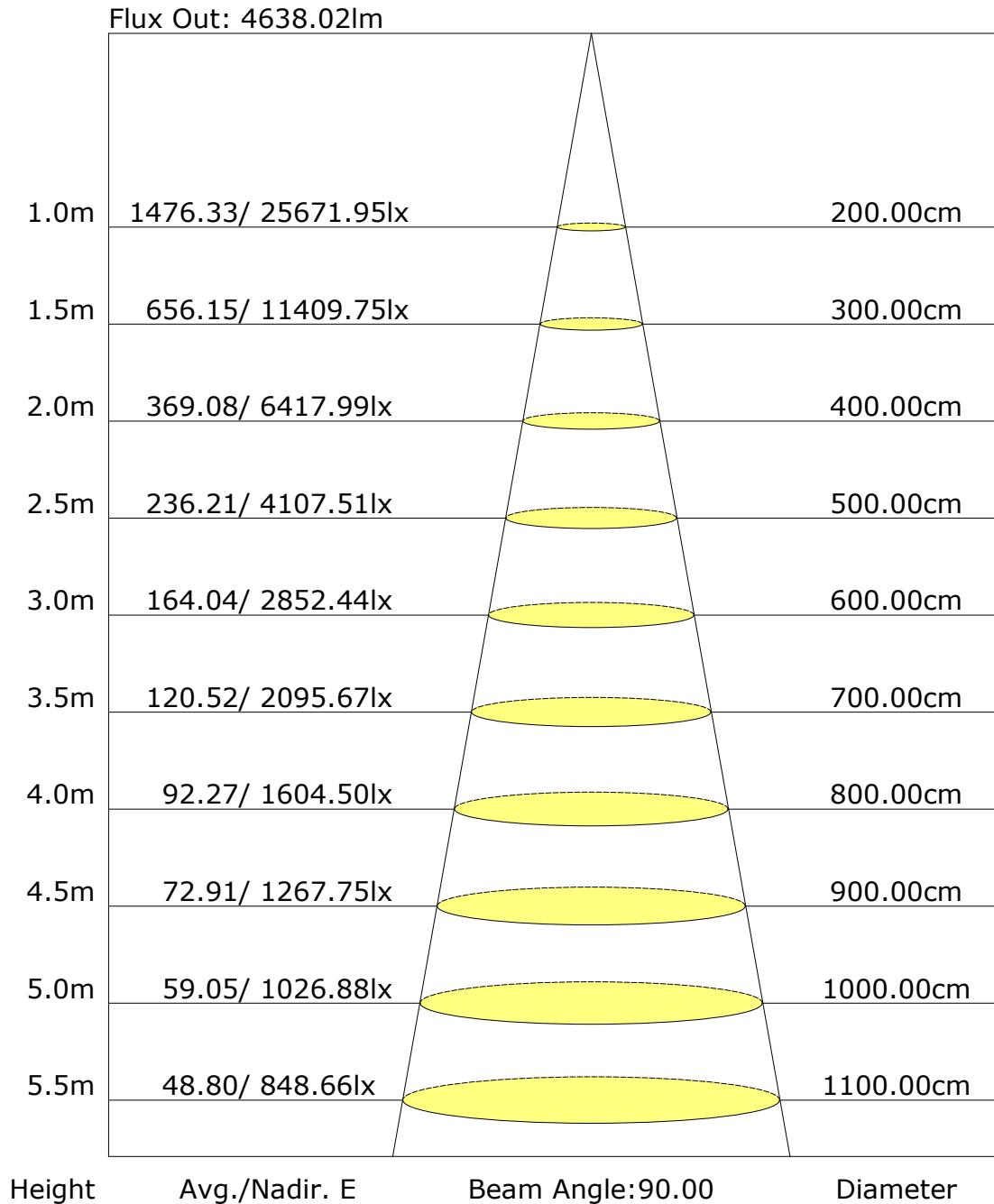


Lowest(m): 1m Highest(m): 11 Max Lux: 25672
— (1%): 257 lx — (2%): 513 lx
— (5%): 1284 lx — (10%): 2567 lx
— (20%): 5134 lx — (50%): 12836 lx
— (100%): 25672 lx

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: