

Report No.: 62.07312 EMMA Track Light

Test Time: 2023-09-09 15:08

Luminaire Property

Luminaire Category: Bridgelux V13C 3000K CRI90

Voltage: 218.3 V

Current: 0.109 A

Power: 23.30 W

Power Factor: 0.975

Photometric Results

CIE Class: Direct

Measurement Flux: 2892.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H28

Vertical Diffuse Angle(50%): V28

Luminaire Efficacy Rating (LER): 124

Max. Intensity: 10923.41 cd

Total Rated Lamp Lumens: 2892.8 lm

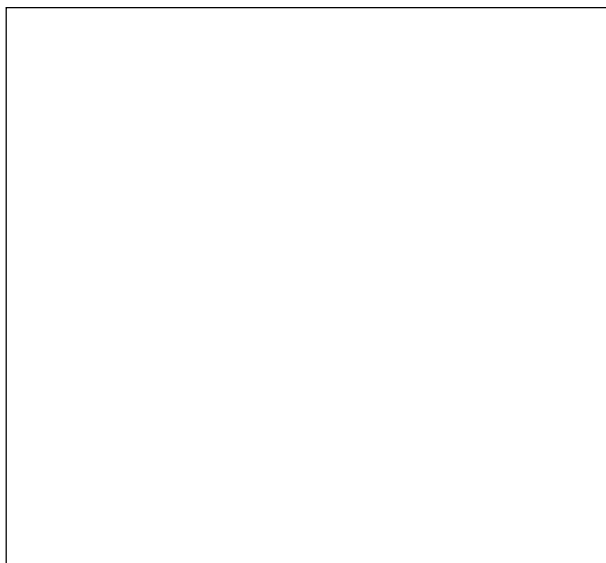
Efficiency: 100%

Upward Ratio: 0%

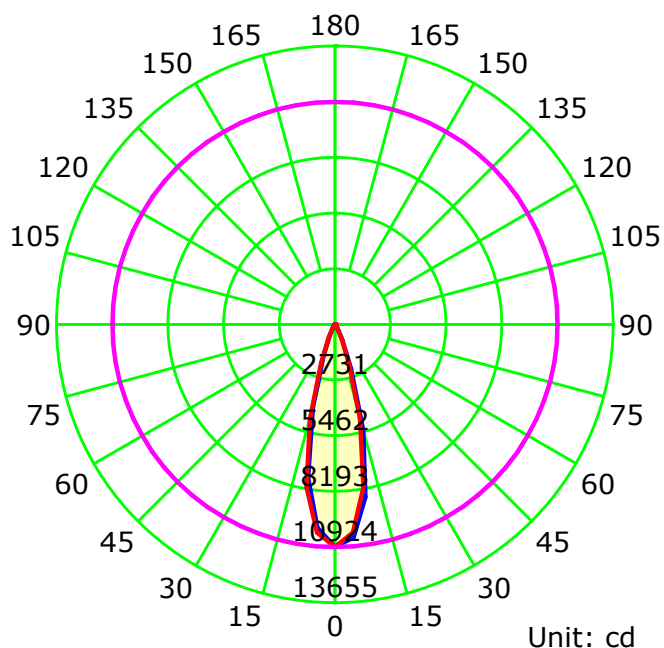
Central Intensity: 10923.4 cd

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

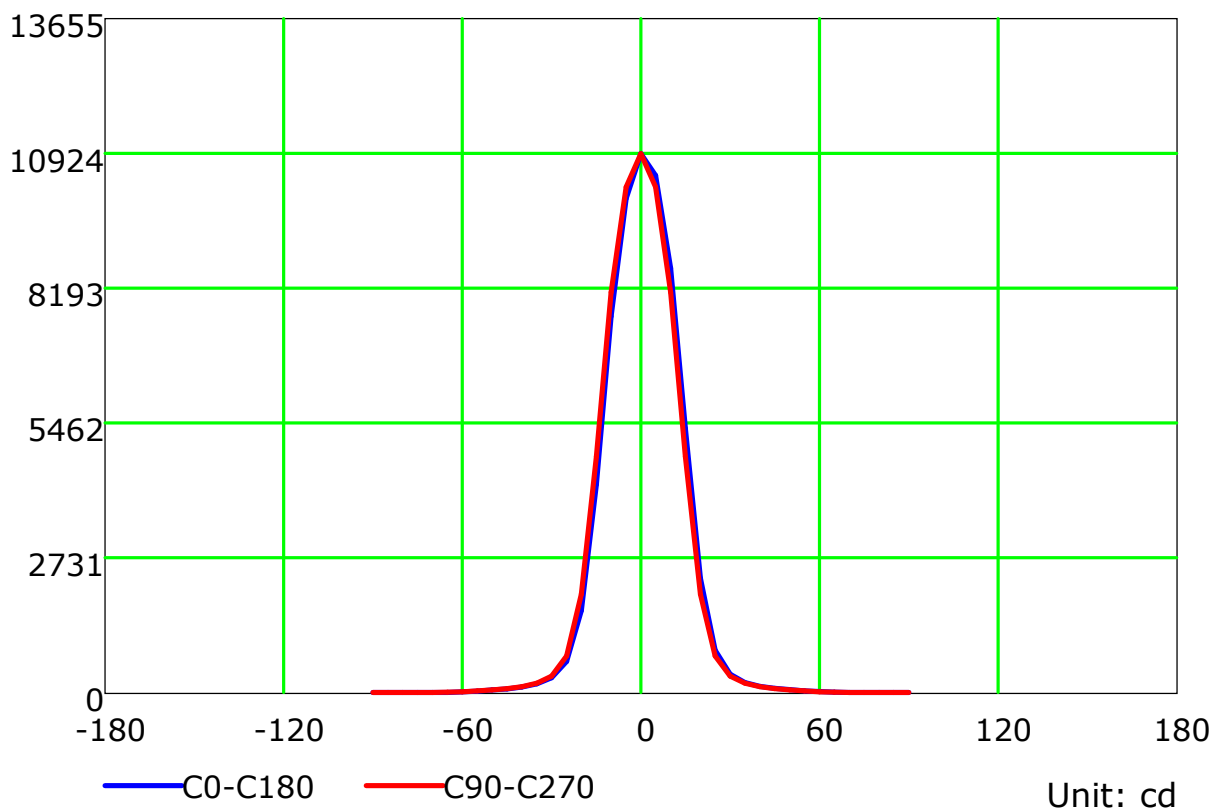
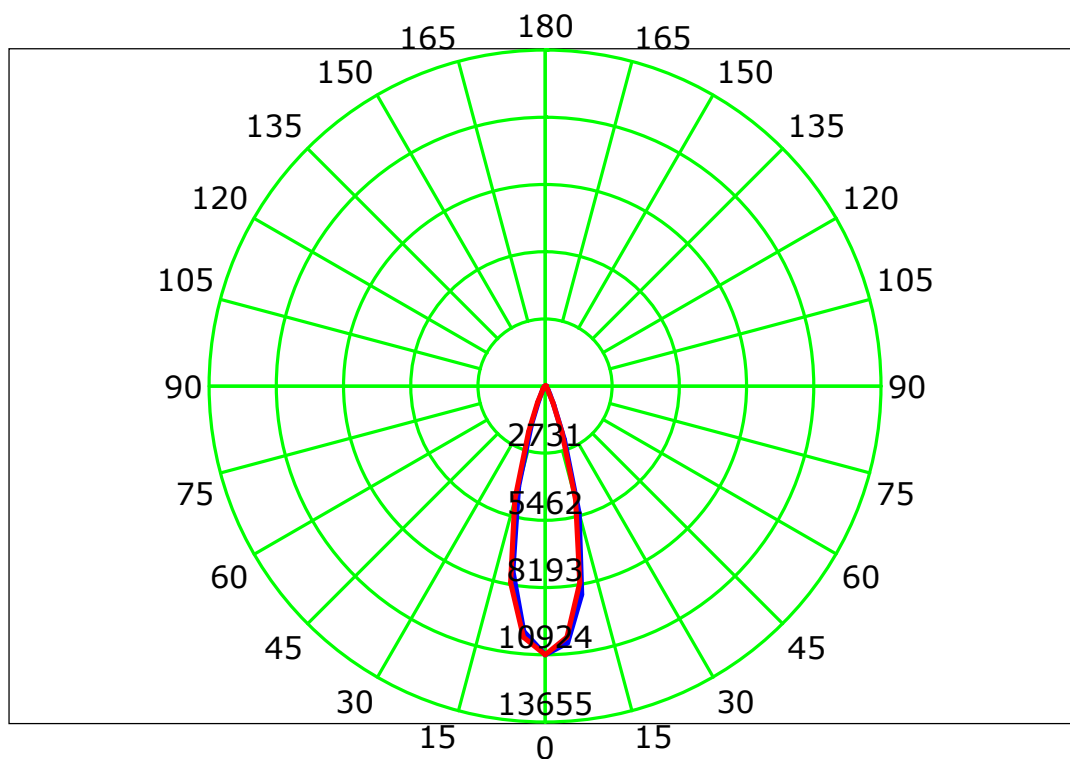
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

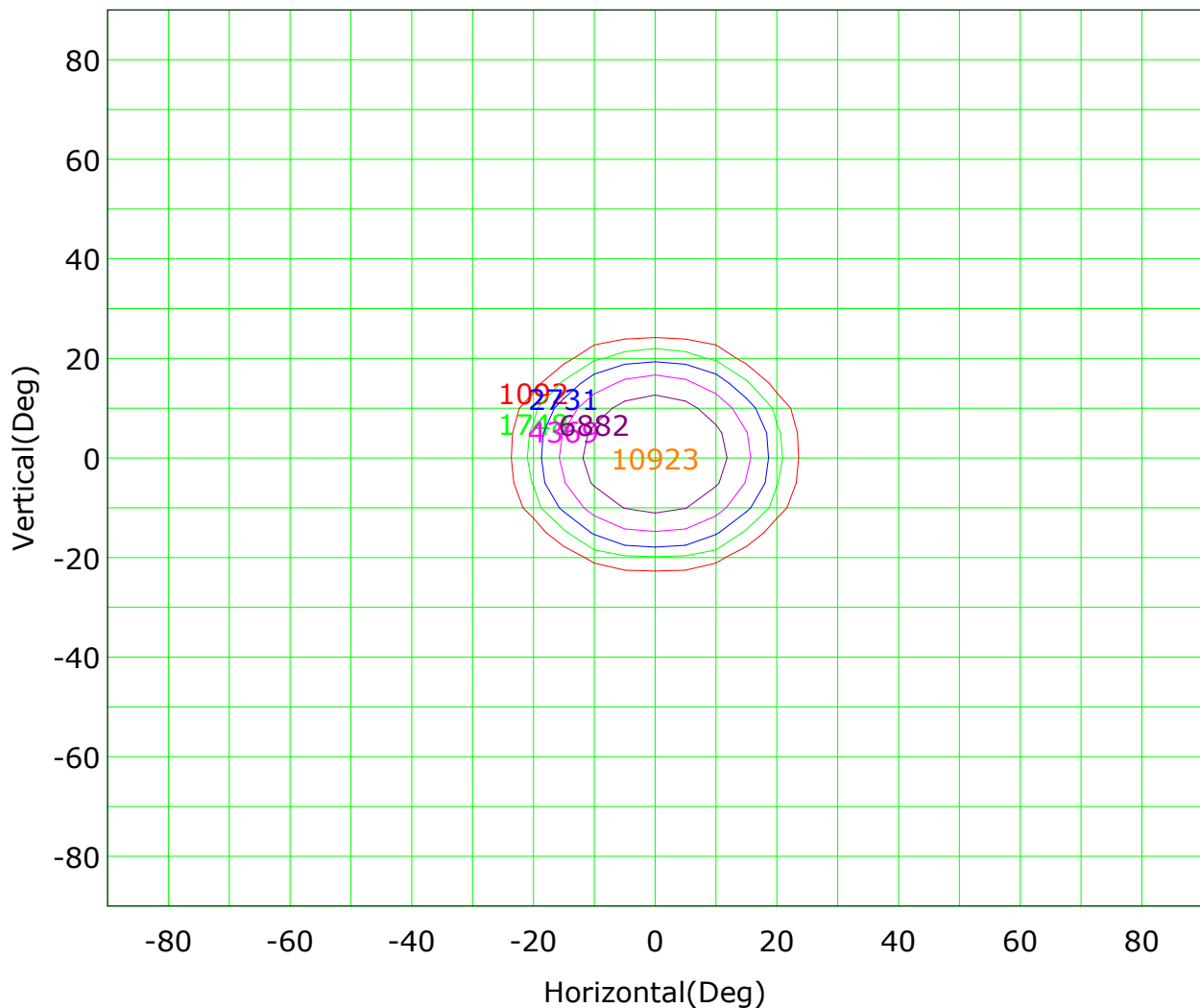
Luminous Intensity Distribution Curve



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%): 10923 cd

(10%): 1092 cd	(16%): 1748 cd
(25%): 2731 cd	(40%): 4369 cd
(63%): 6882 cd	(100%): 10923 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

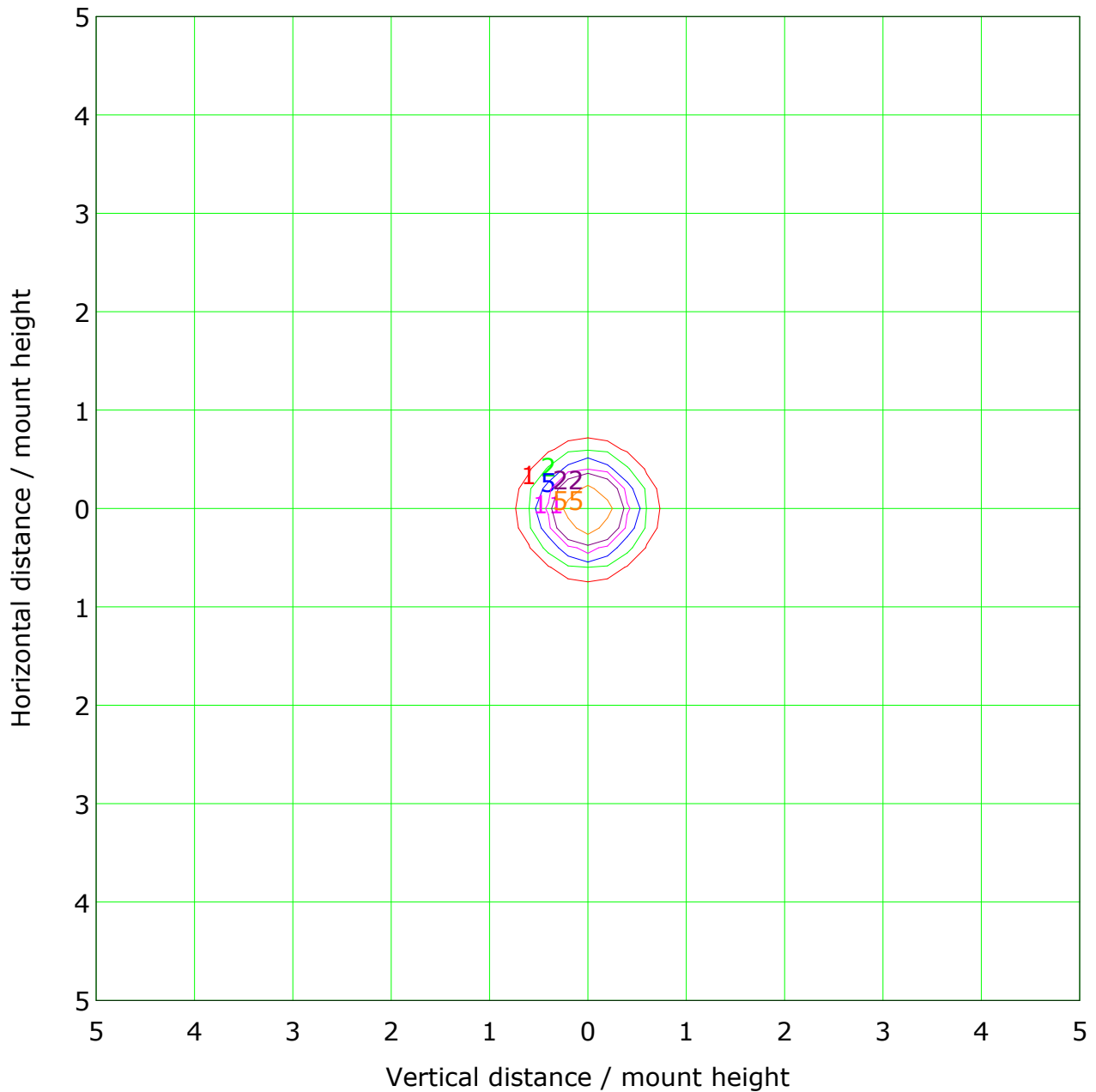
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 109 lx	
— (1%):	1 lx	— (2%):	2 lx
— (5%):	5 lx	— (10%):	11 lx
— (20%):	22 lx	— (50%):	55 lx
— (100%):	109 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

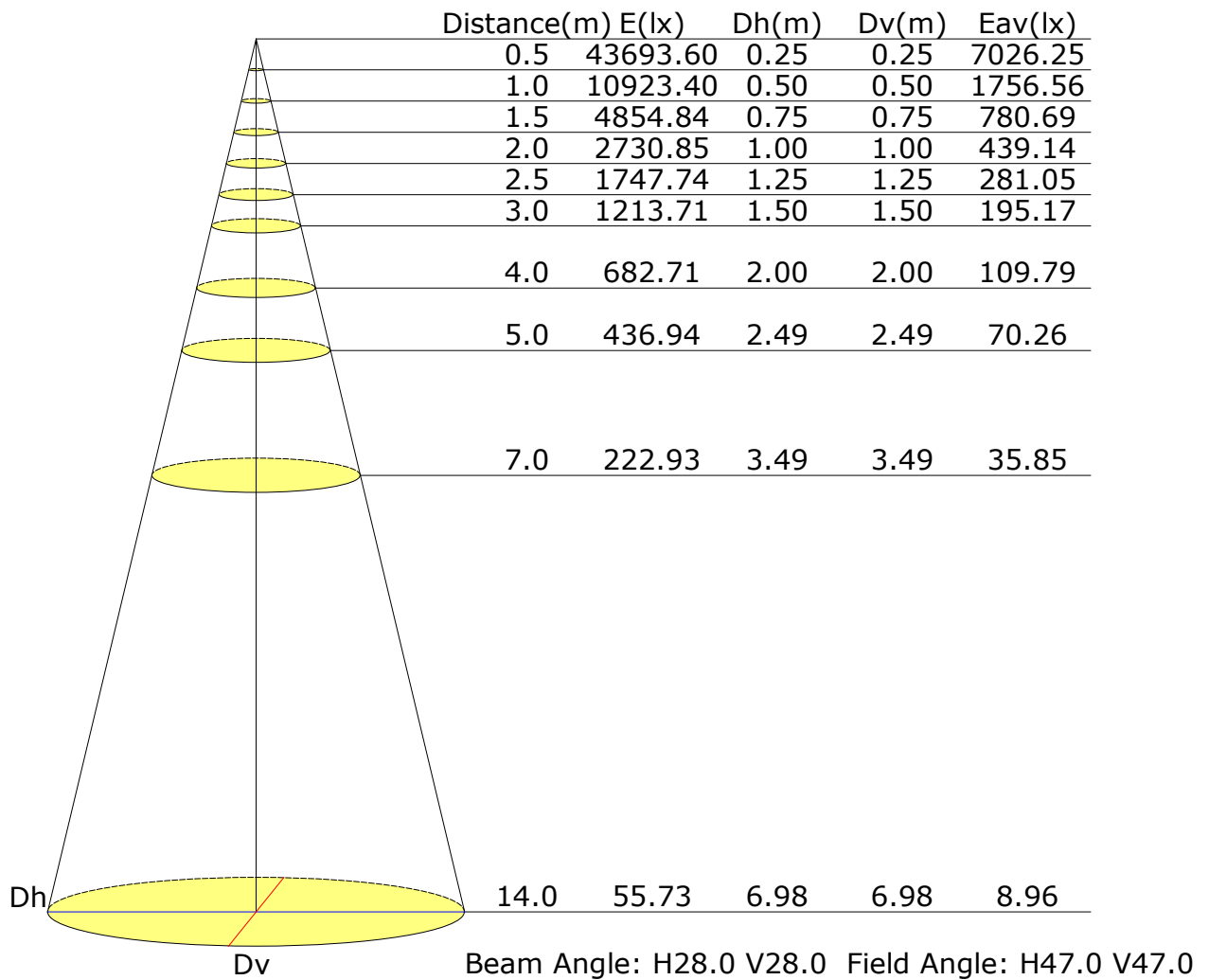
Test Device: CHL-6E

Distance: 3.000 m

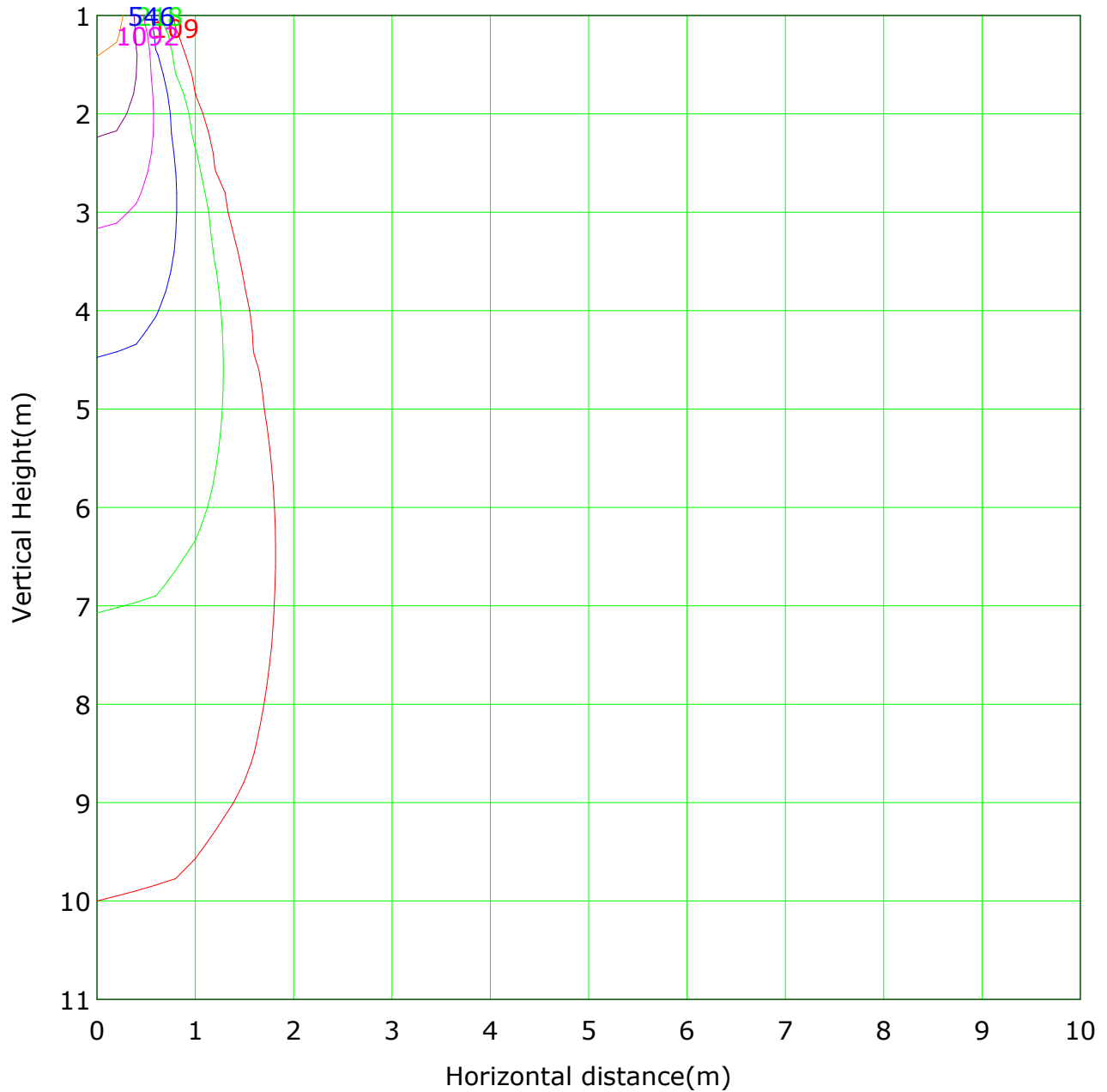
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

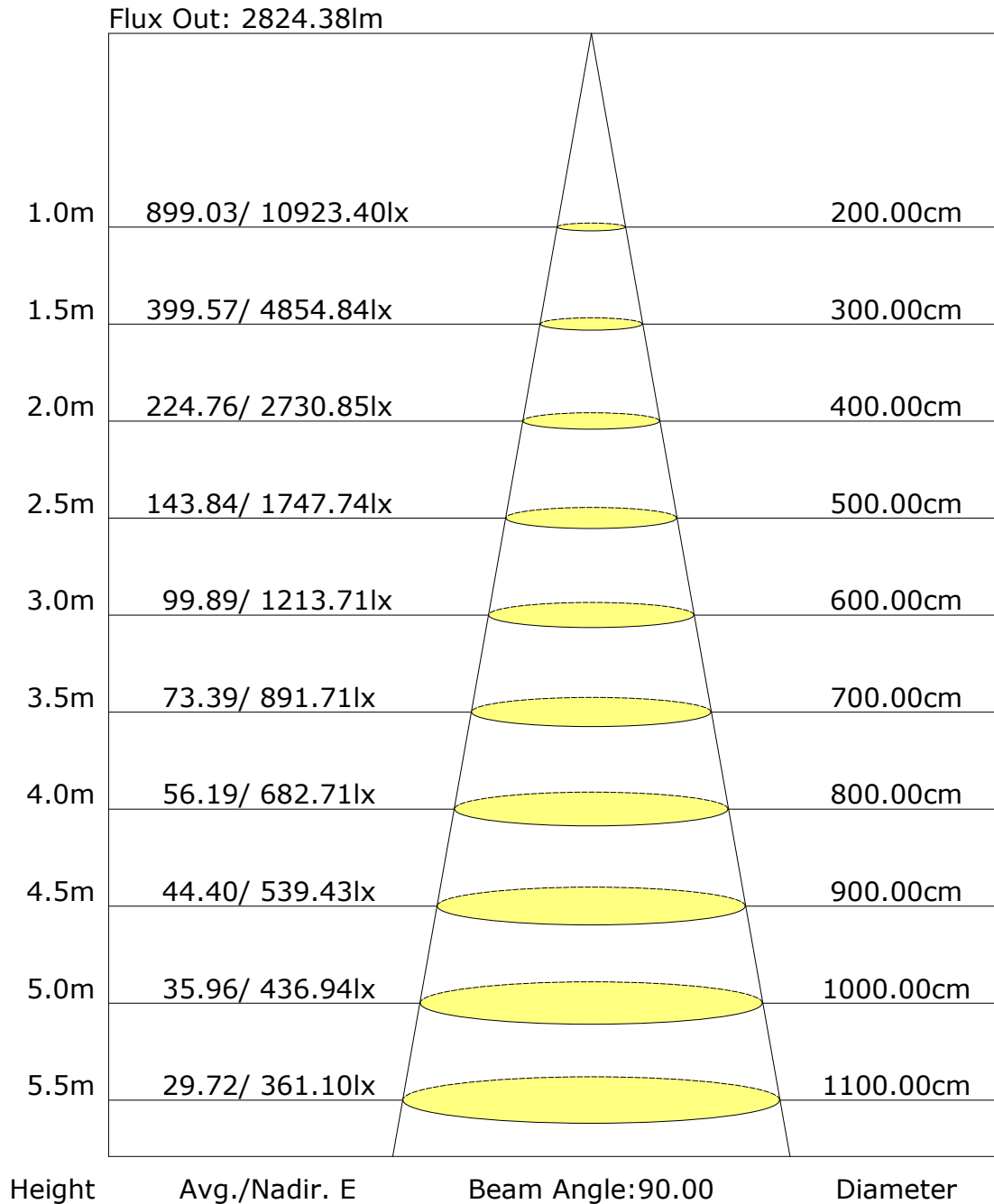


Lowest(m): 1m Highest(m): 11 Max Lux: 10923
— (1%): 109 lx — (2%): 218 lx
— (5%): 546 lx — (10%): 1092 lx
— (20%): 2185 lx — (50%): 5462 lx
— (100%): 10923 lx

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: