

Report No.: 31.08412 Action Track light

Test Time: 2023-09-26 19:45

Luminaire Property

Luminaire Category: Bridgelux F90 V13C 3000K CRI90

Voltage: 226.5 V

Current: 0.191 A

Power: 42.10 W

Power Factor: 0.966

Photometric Results

CIE Class: Direct

Measurement Flux: 5001.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H38

Vertical Diffuse Angle(50%): V38

Luminaire Efficacy Rating (LER): 119

Max. Intensity: 12123.83 cd

Total Rated Lamp Lumens: 5001.1 lm

Efficiency: 100%

Upward Ratio: 0%

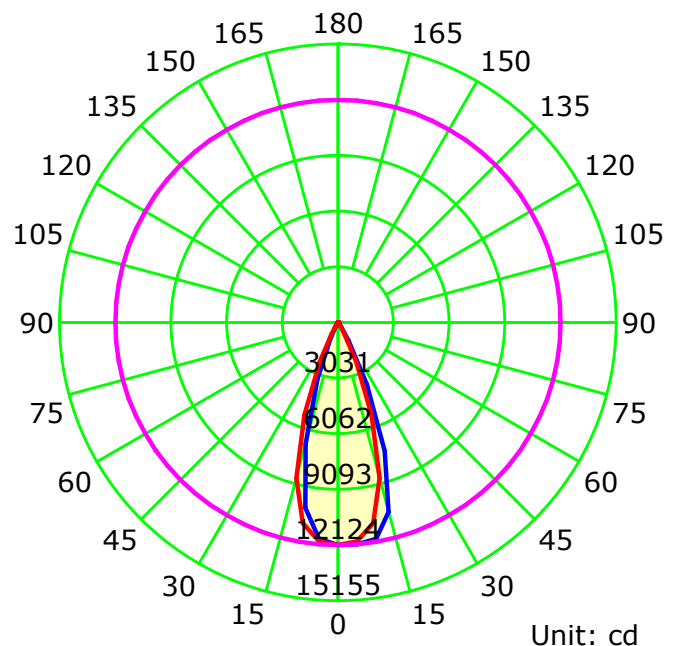
Central Intensity: 12123.82 cd

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

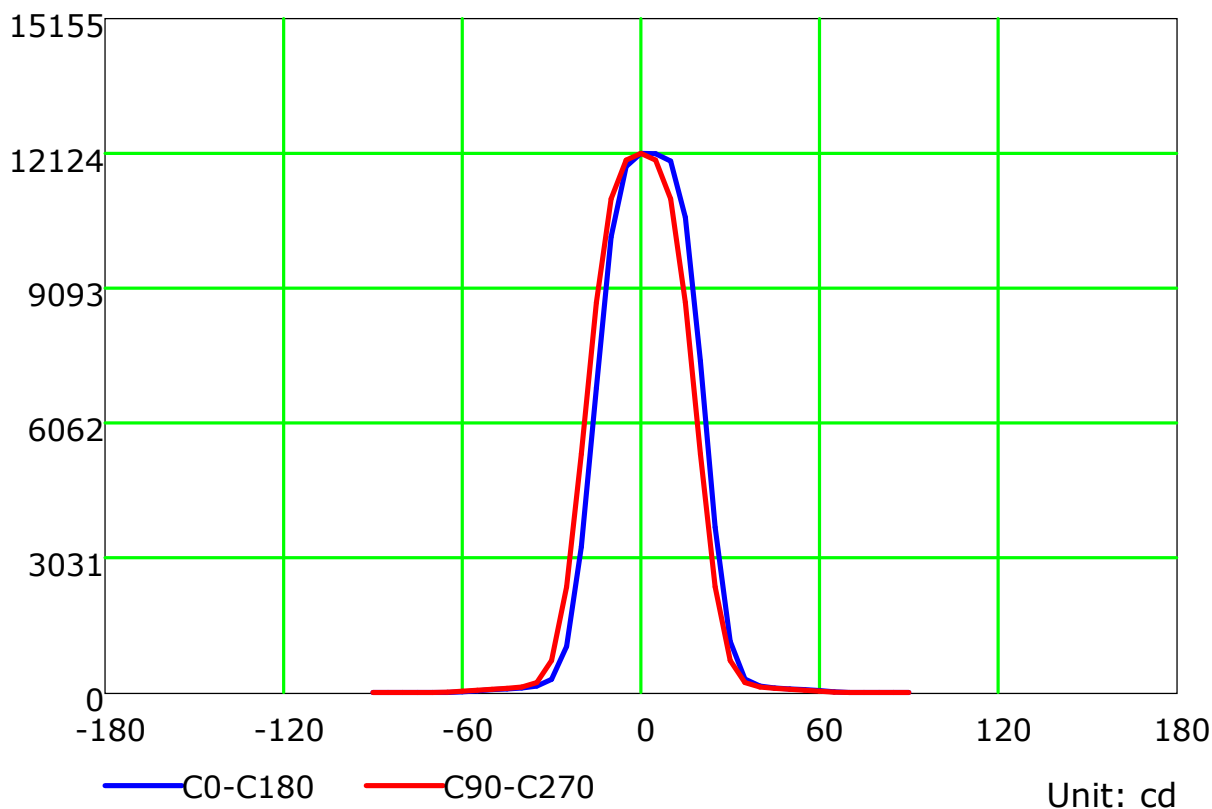
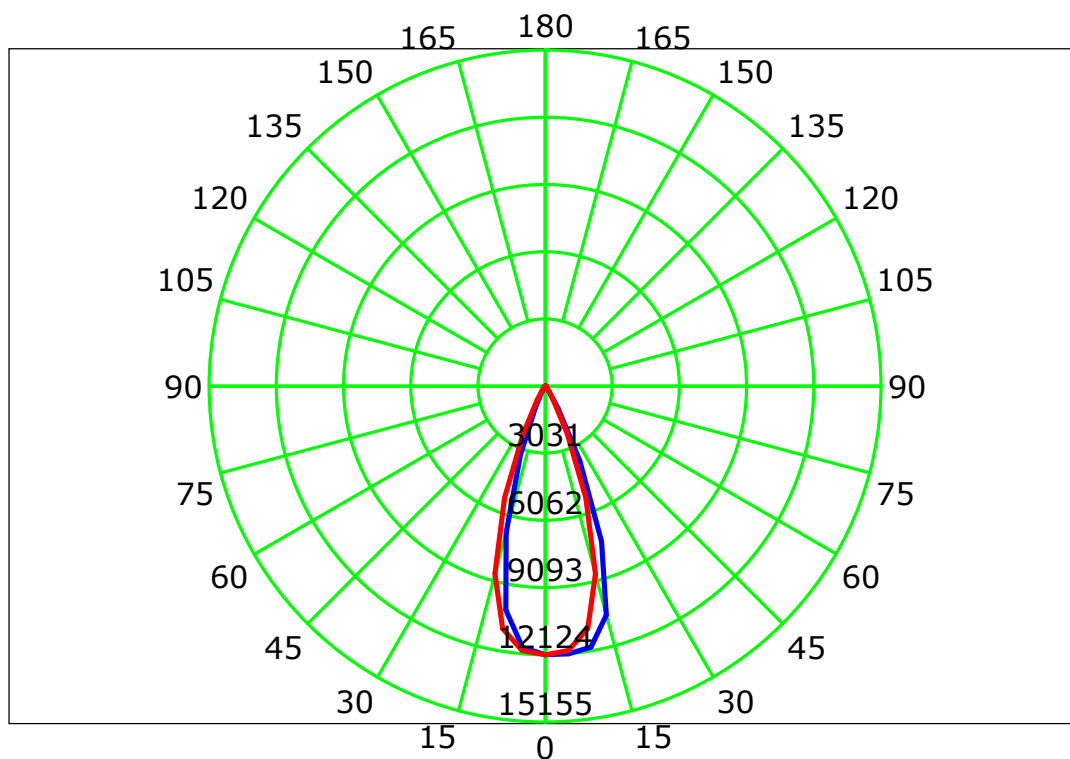
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

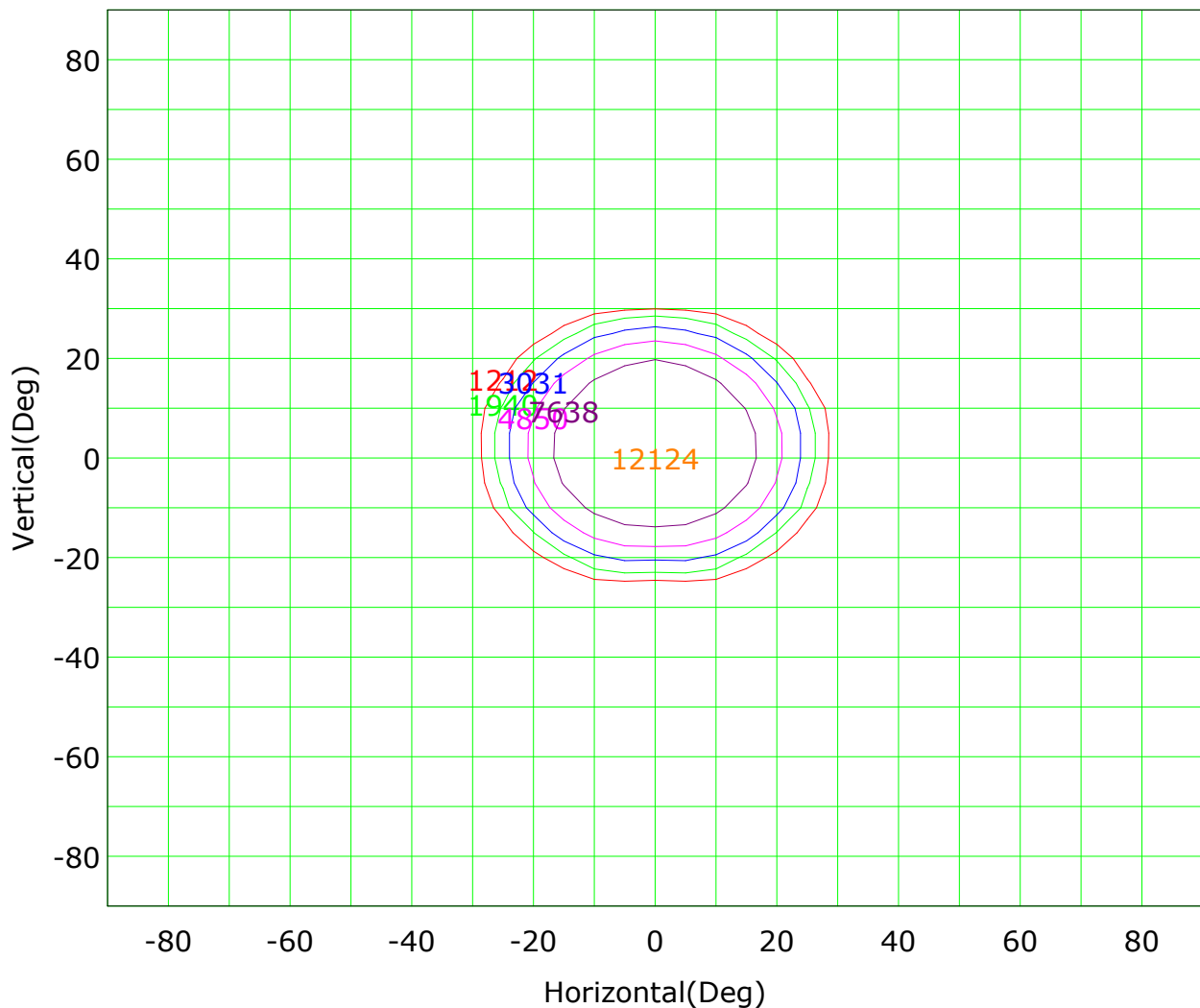
Luminous Intensity Distribution Curve



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%): 12124 cd

(10%): 1212 cd	(16%): 1940 cd
(25%): 3031 cd	(40%): 4850 cd
(63%): 7638 cd	(100%): 12124 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

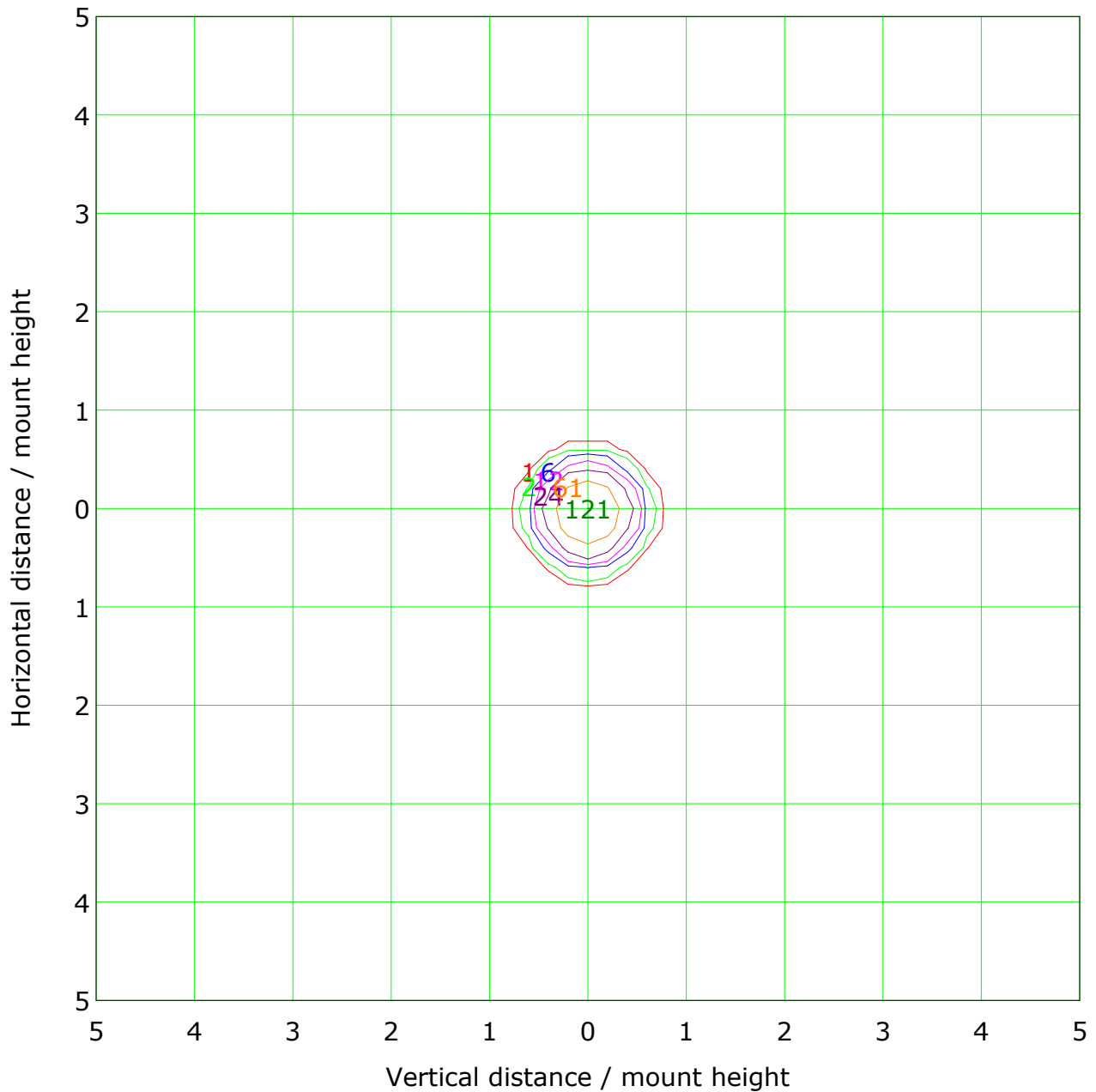
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

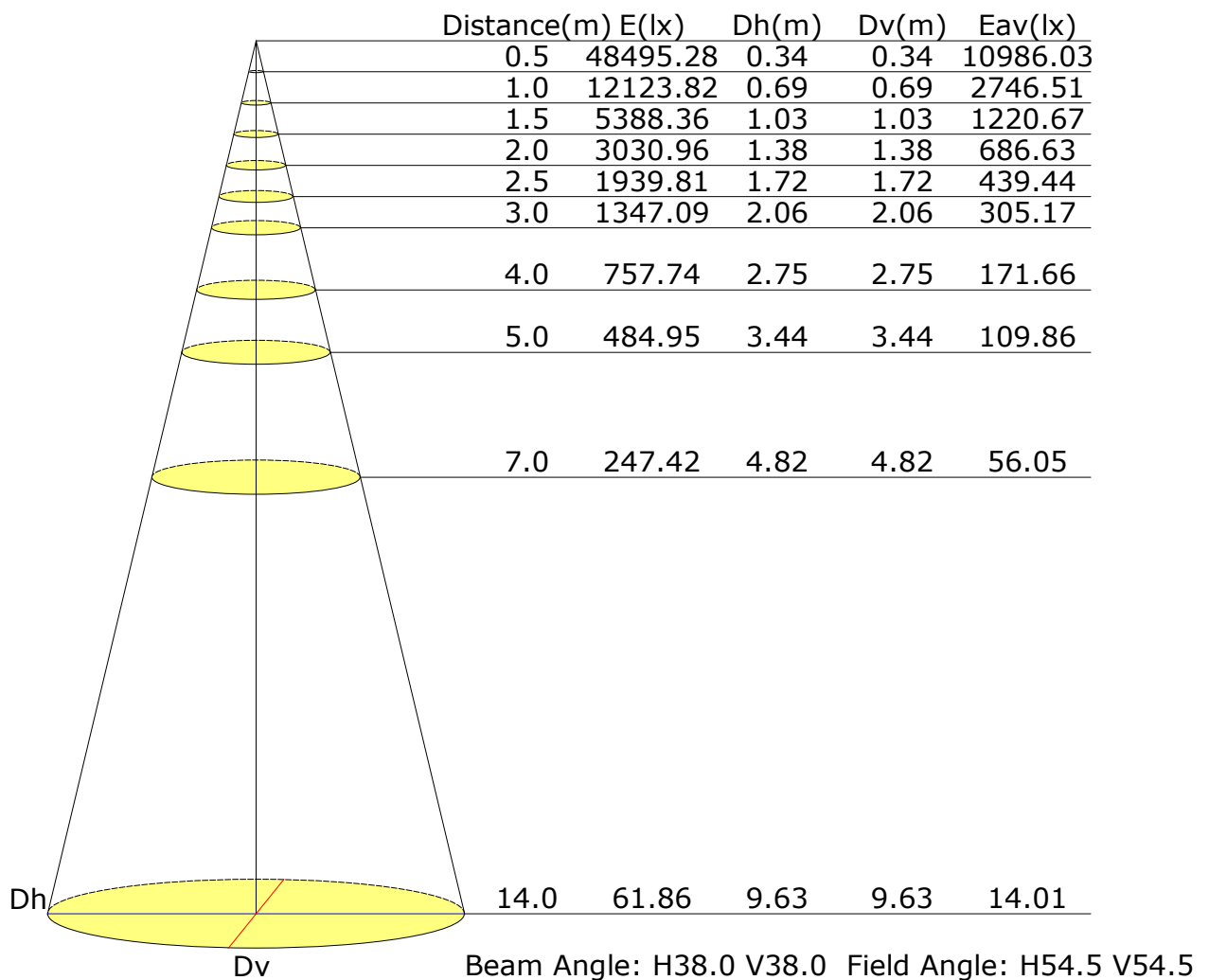


Mounting Height: 10m		Max Lux(100%): 121 lx	
(1%):	1 lx	(2%):	2 lx
(5%):	6 lx	(10%):	12 lx
(20%):	24 lx	(50%):	61 lx
(100%):	121 lx		

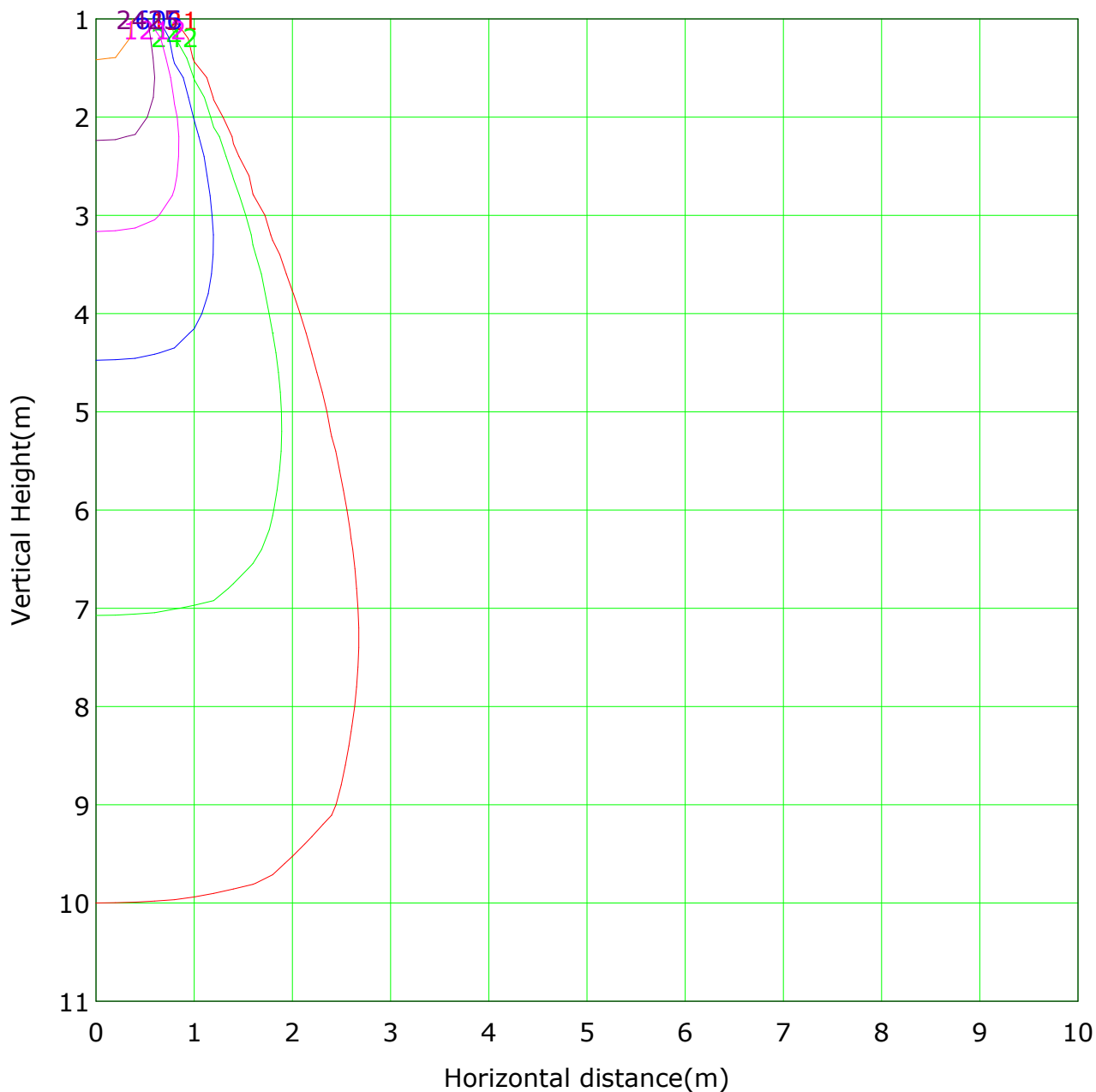
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



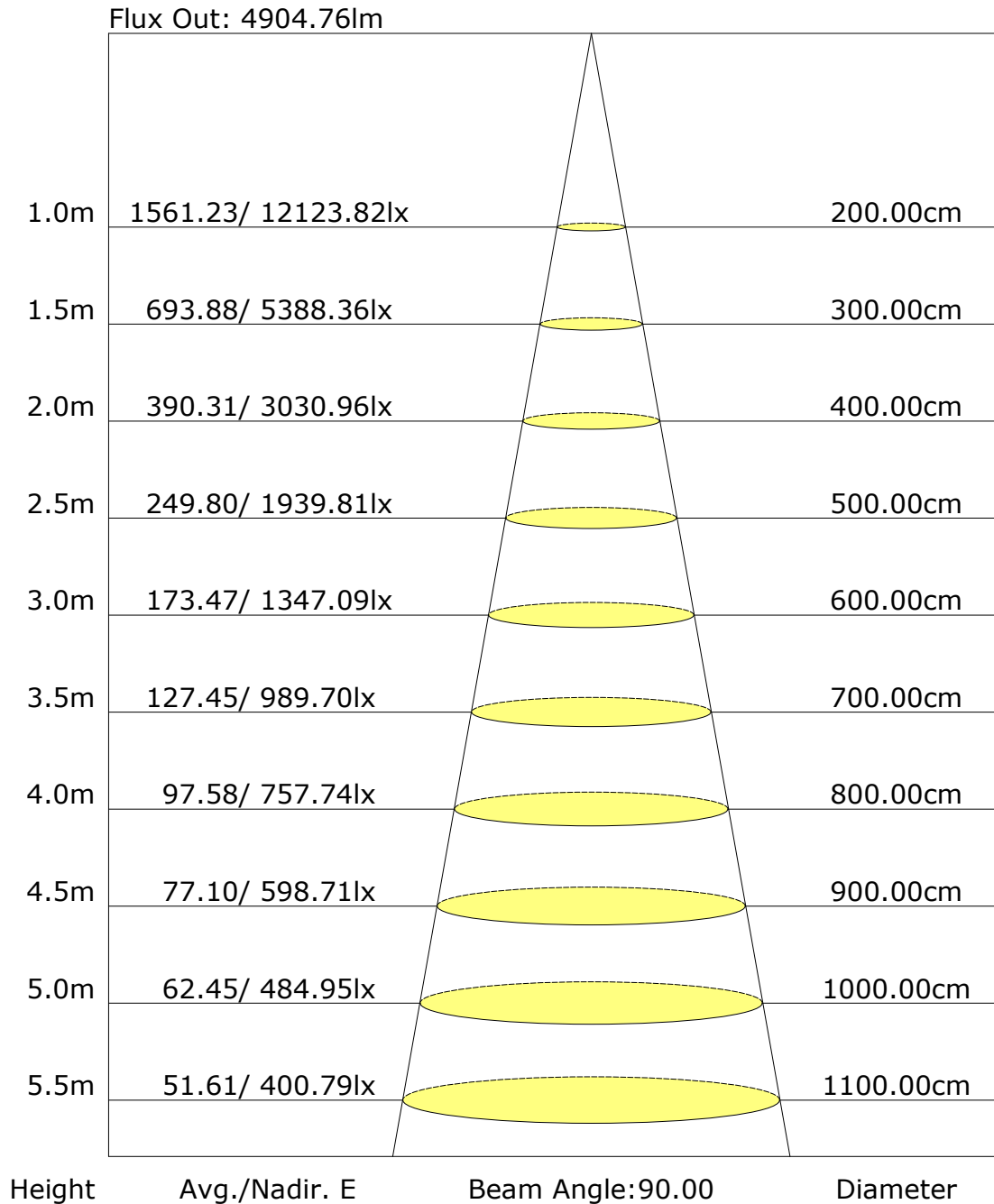
Lowest(m): 1m Highest(m): 11 Max Lux: 12124

(1%): 121 lx	(2%): 242 lx
(5%): 606 lx	(10%): 1212 lx
(20%): 2425 lx	(50%): 6062 lx
(100%): 12124 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: