

Report No.: 32.08011 ECO Track Lighting Test Time: 2023-10-04 11:44

Luminaire Property

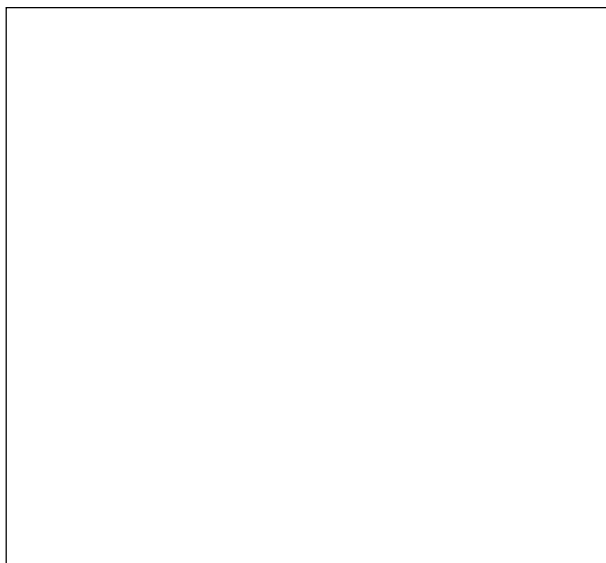
Luminaire Category: Bridgelux V13C F90 3000K CRI90
Voltage: 222.7 V Current: 0.144 A
Power: 30.90 W Power Factor: 0.960

Photometric Results

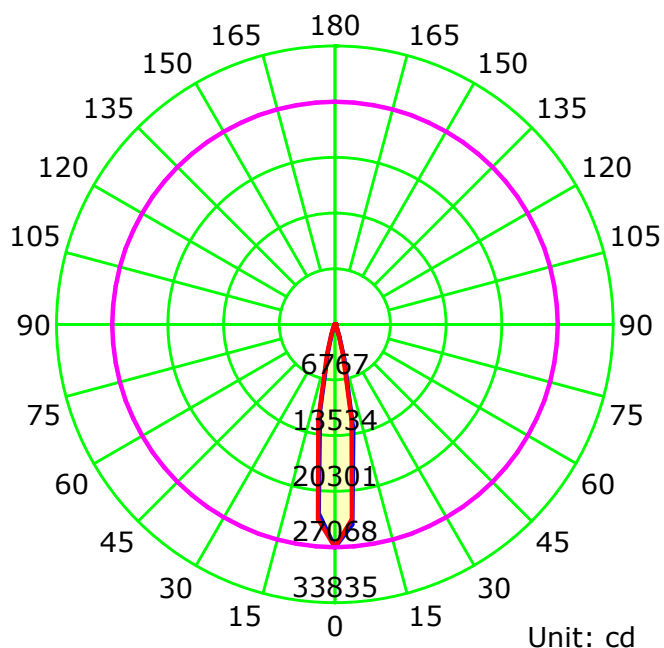
CIE Class: Direct
Measurement Flux: 3773.6 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H18.6
Vertical Diffuse Angle(50%): V18.6
Luminaire Efficacy Rating (LER): 122
Max. Intensity: 27069.92 cd

Total Rated Lamp Lumens: 3773.6 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 27069.92 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve

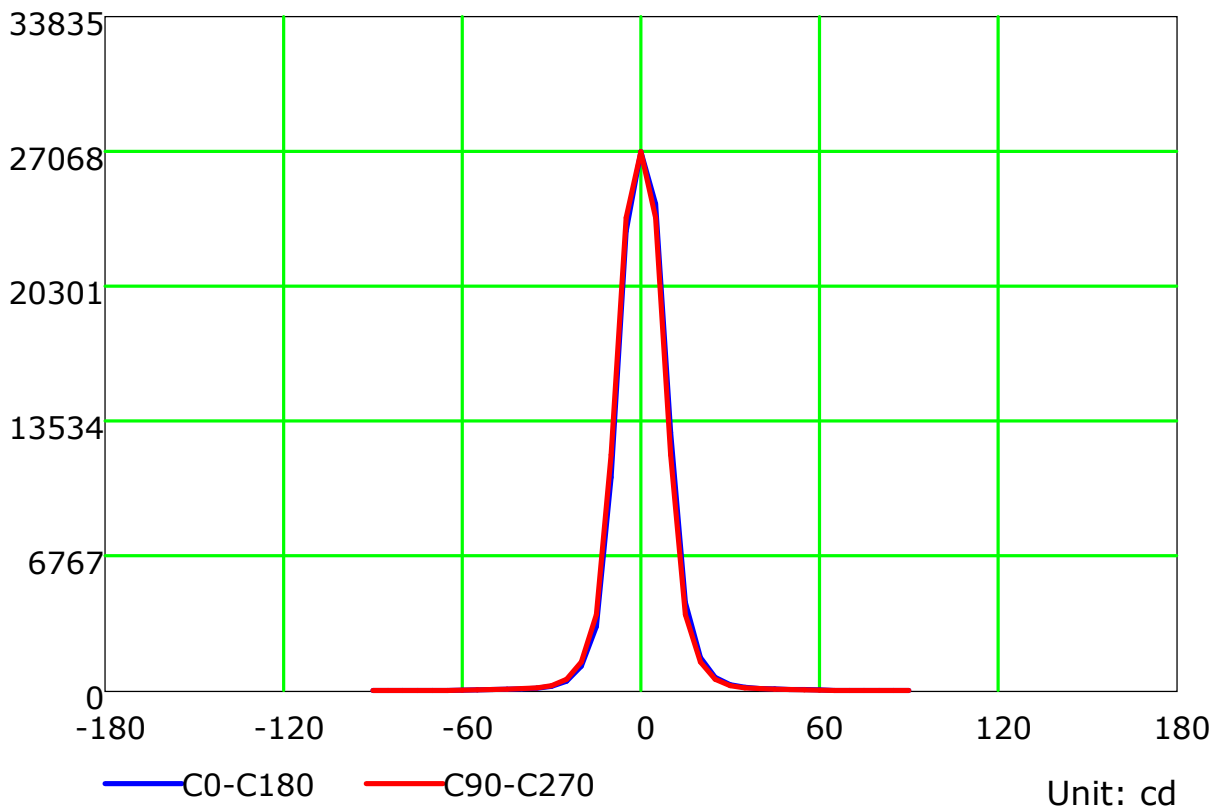
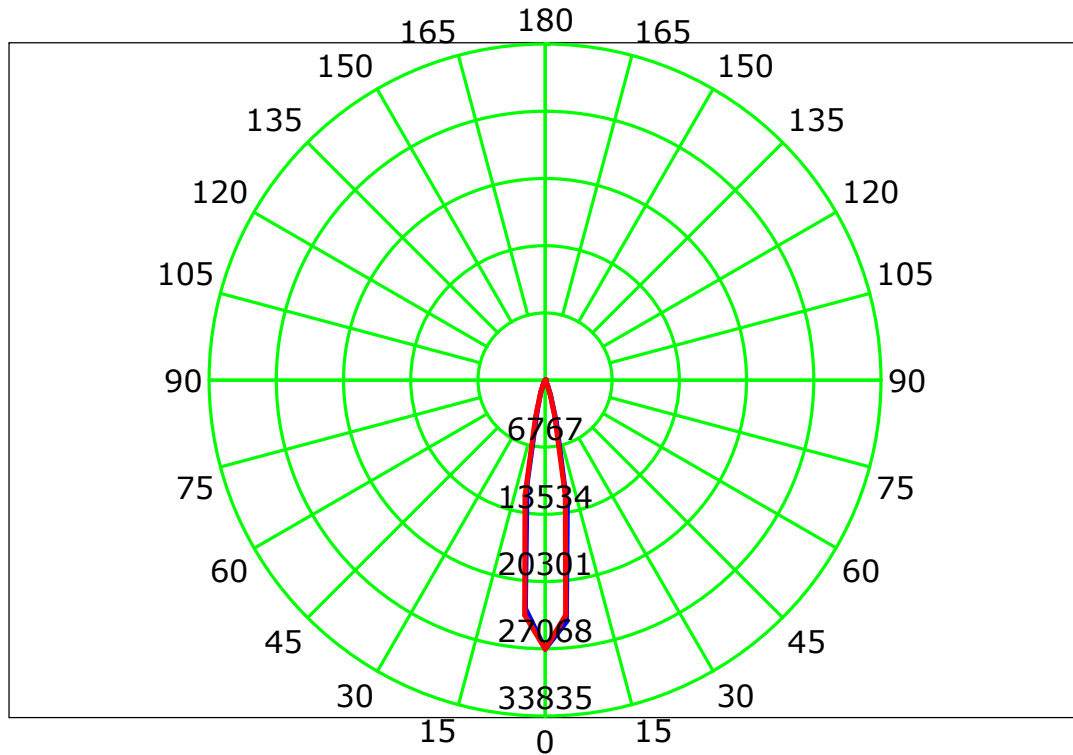


— C0-C180 — C90-C270 — G0

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:

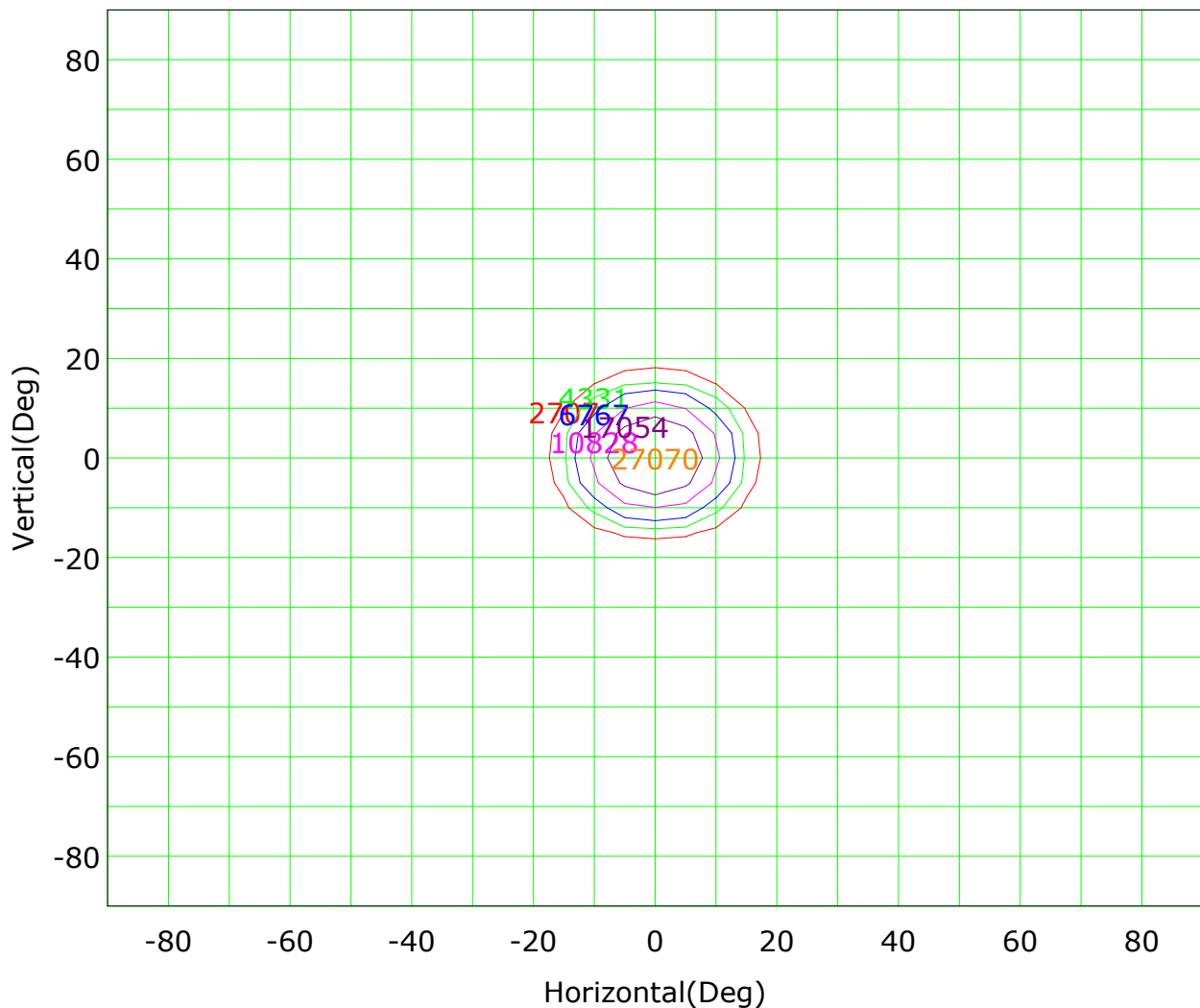
Luminous Intensity Distribution Curve



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%): 27070 cd

(10%): 2707 cd	(16%): 4331 cd
(25%): 6767 cd	(40%): 10828 cd
(63%): 17054 cd	(100%): 27070 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

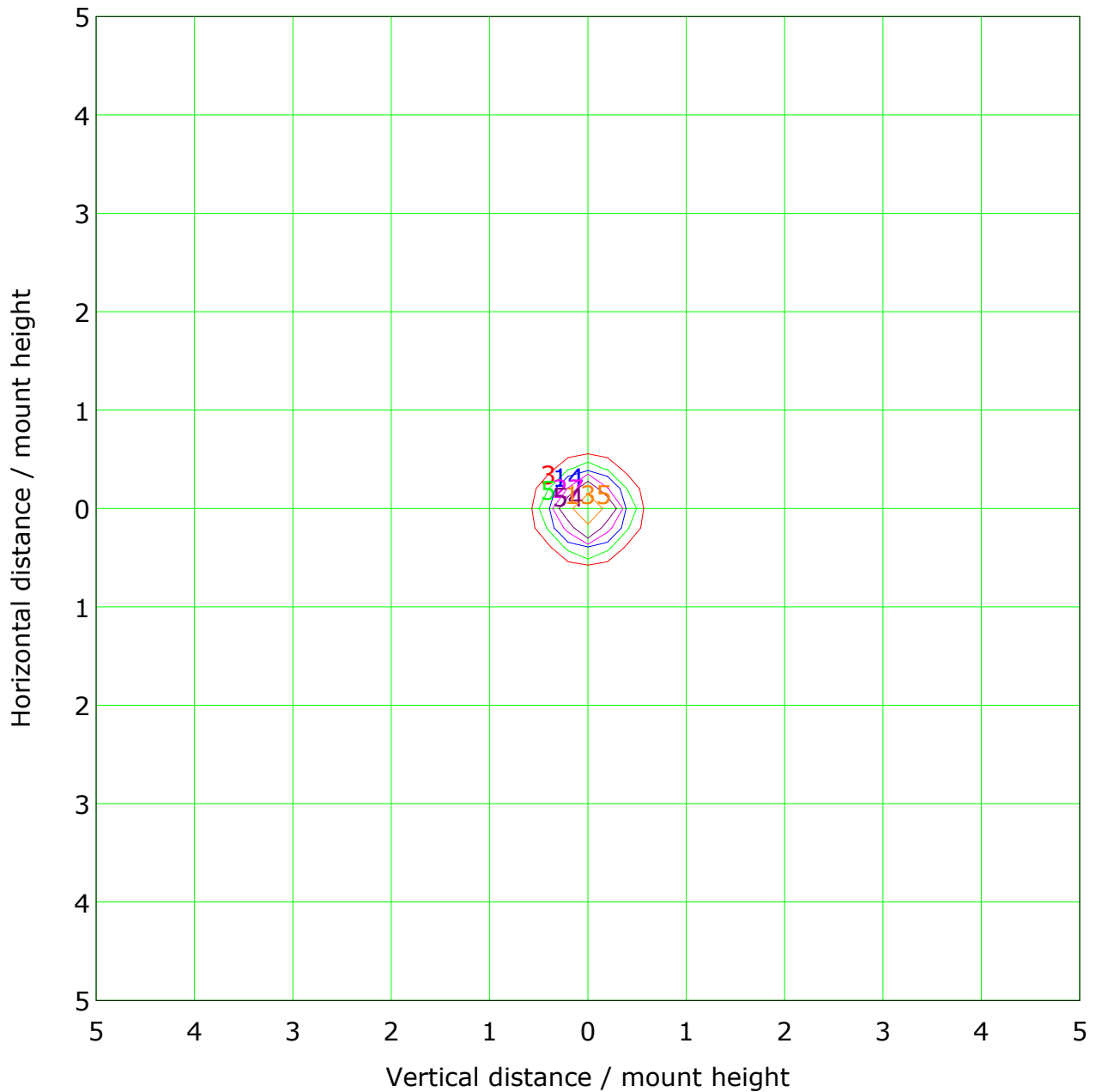
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

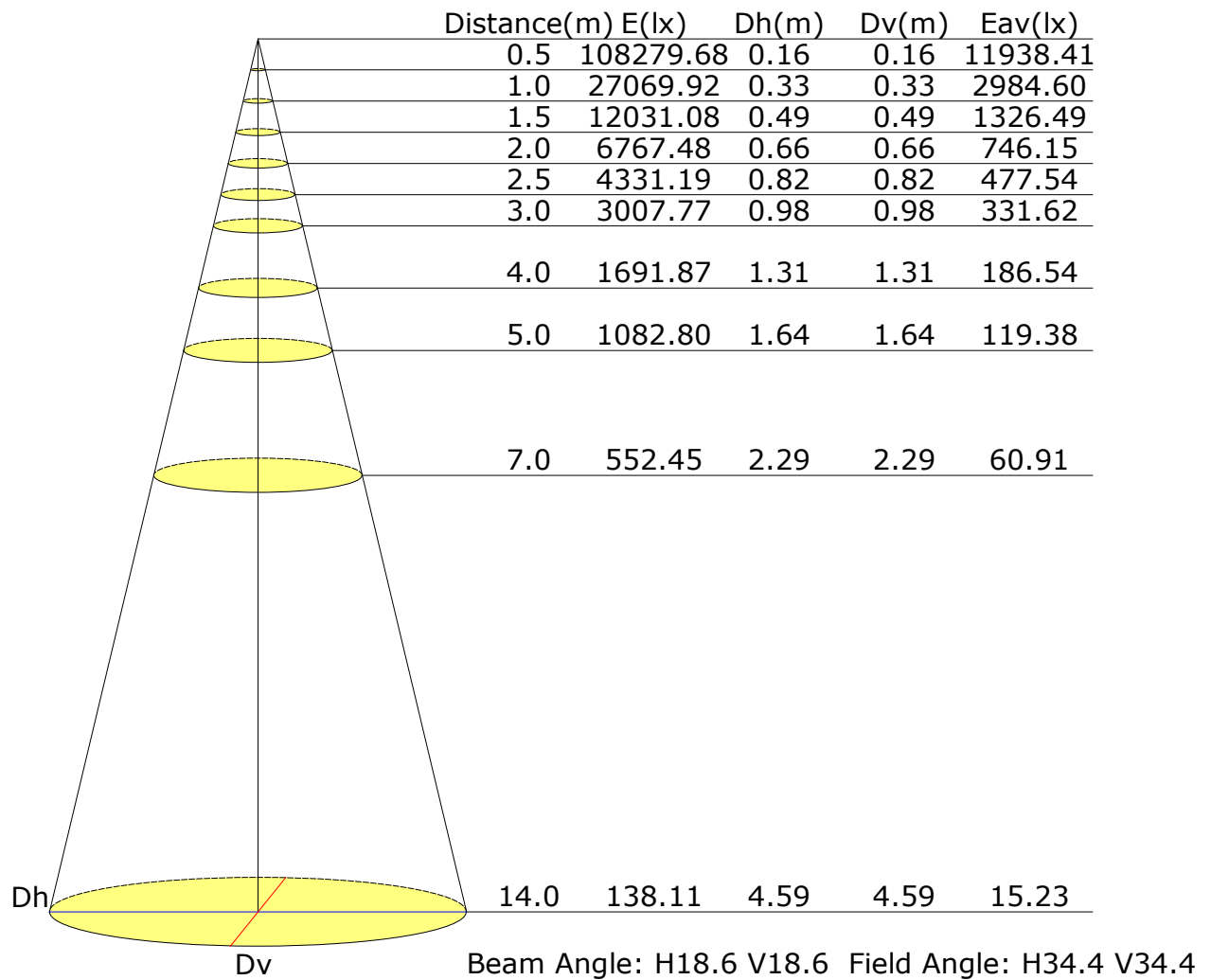


Mounting Height: 10m		Max Lux(100%): 271 lx	
(1%):	3 lx	(2%):	5 lx
(5%):	14 lx	(10%):	27 lx
(20%):	54 lx	(50%):	135 lx
(100%):	271 lx		

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



C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

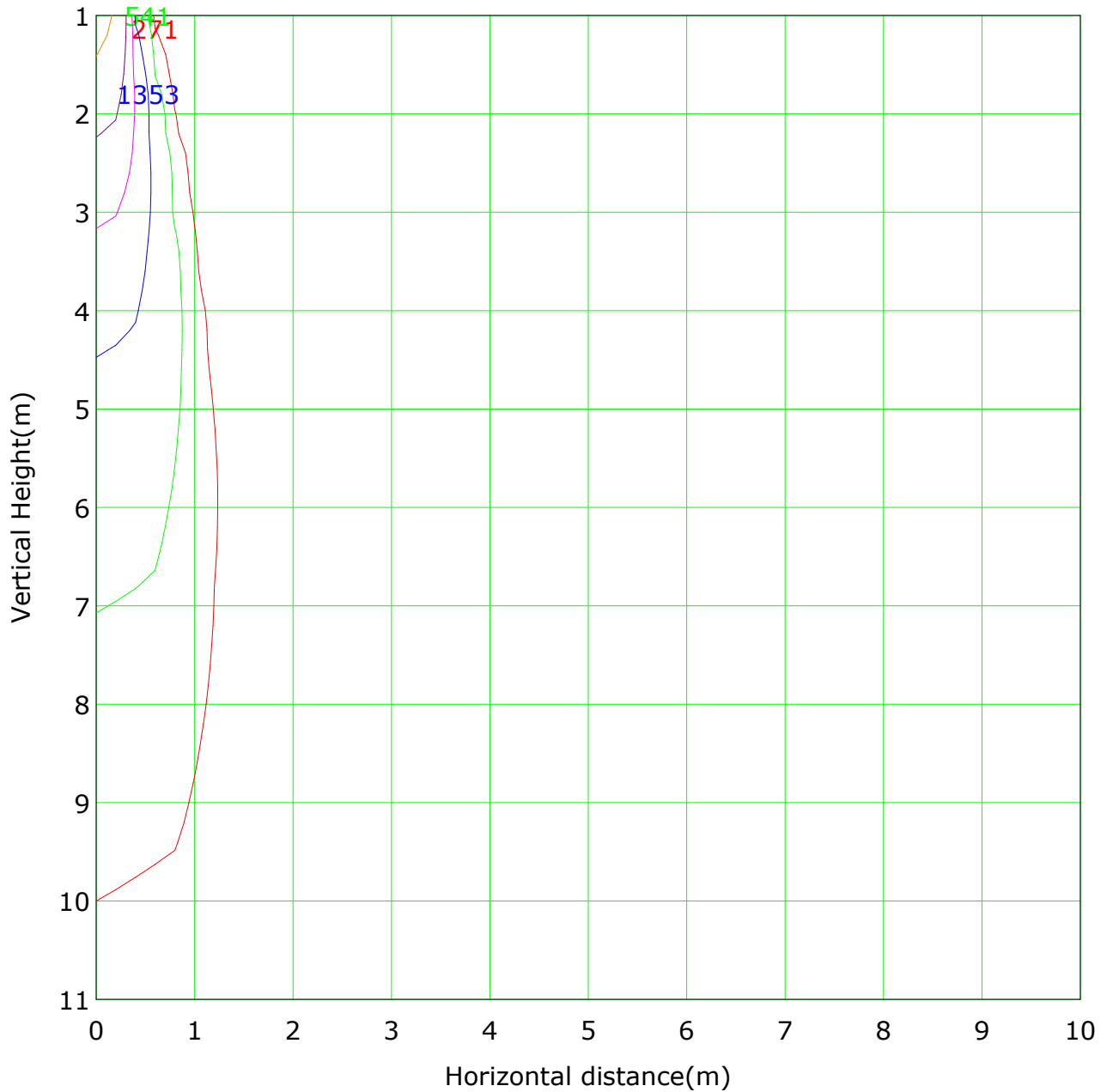
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Vertical IsoLux Plot

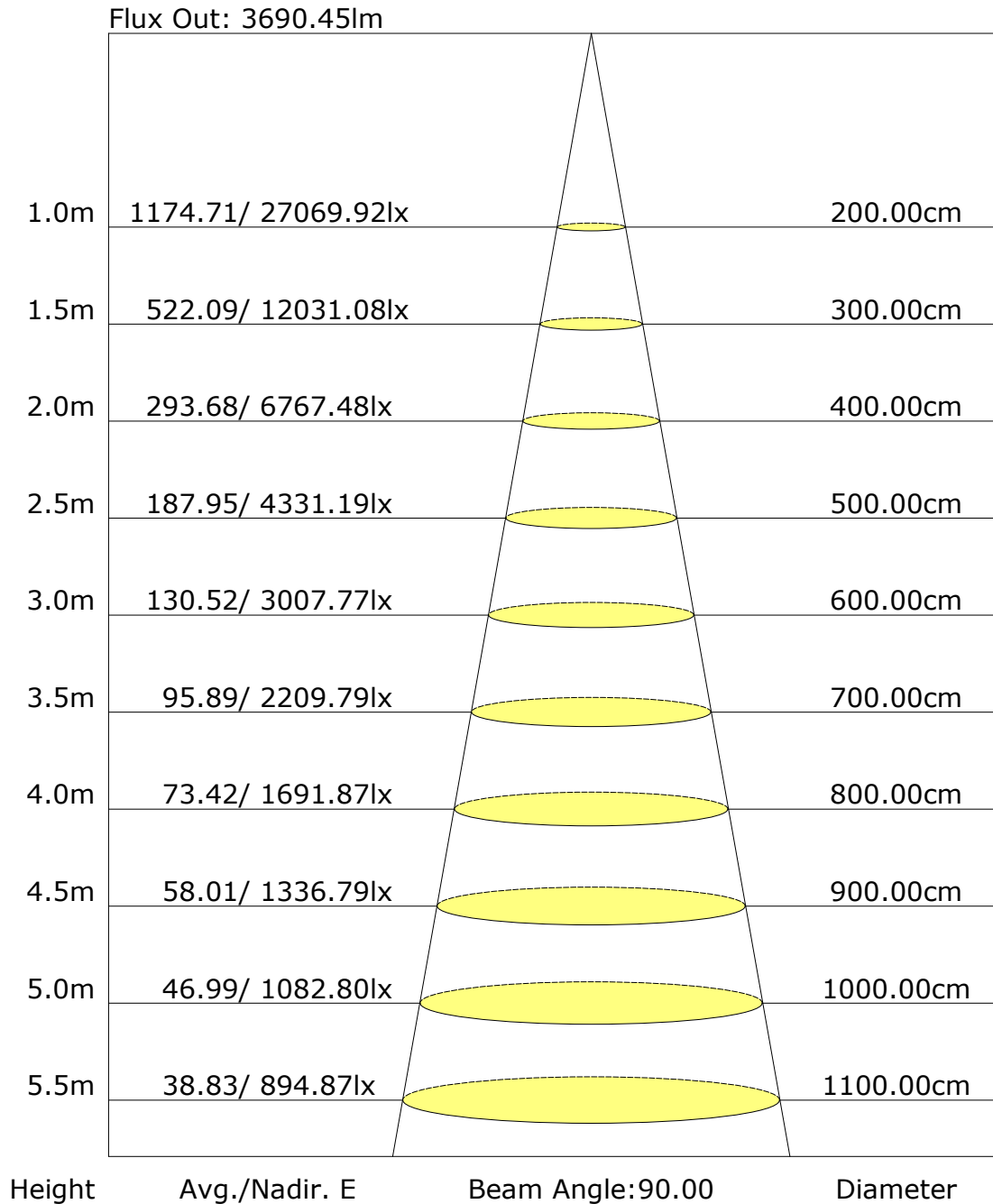


Lowest(m): 1m Highest(m): 11 Max Lux: 27070
— (1%): 271 lx — (2%): 541 lx
— (5%): 1353 lx — (10%): 2707 lx
— (20%): 5414 lx — (50%): 13535 lx
— (100%): 27070 lx

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: