

Report No.: 83.20011 DELTA Pendant Light Test Time: 2023-10-06 15:17

Luminaire Property

Luminaire Category: Bridgelux V10A F90 3000K CRI90

Voltage: 222.6 V

Current: 0.111 A

Power: 13.80 W

Power Factor: 0.552

Photometric Results

CIE Class: Direct

Measurement Flux: 1704.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H14.3

Vertical Diffuse Angle(50%): V14.3

Luminaire Efficacy Rating (LER): 124

Max. Intensity: 15543.79 cd

Total Rated Lamp Lumens: 1704.3 lm

Efficiency: 100%

Upward Ratio: 0%

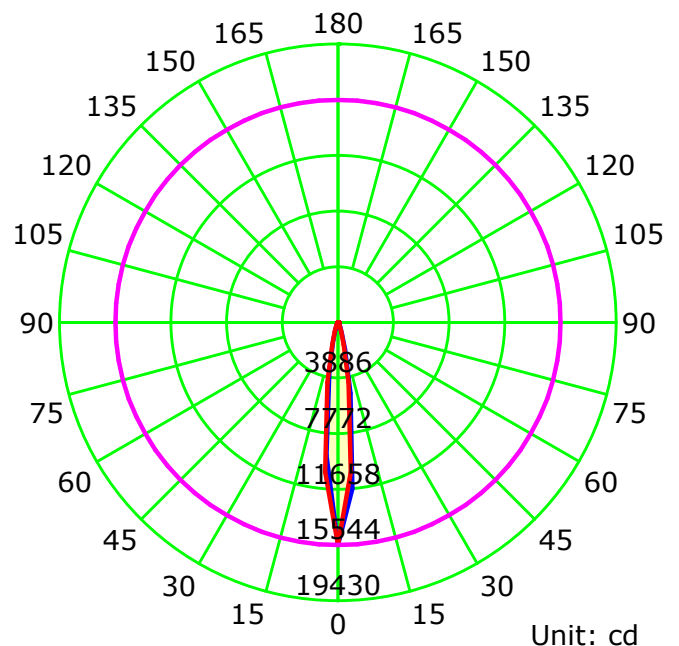
Central Intensity: 15543.78 cd

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

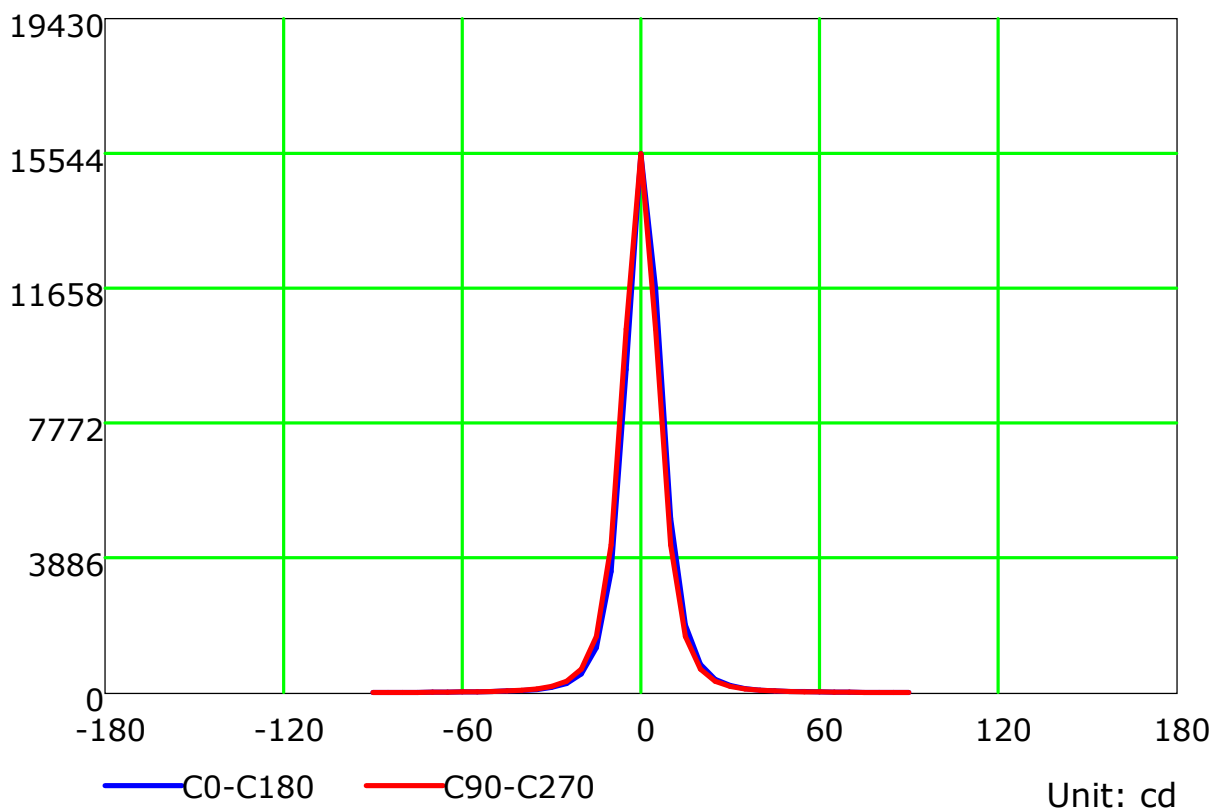
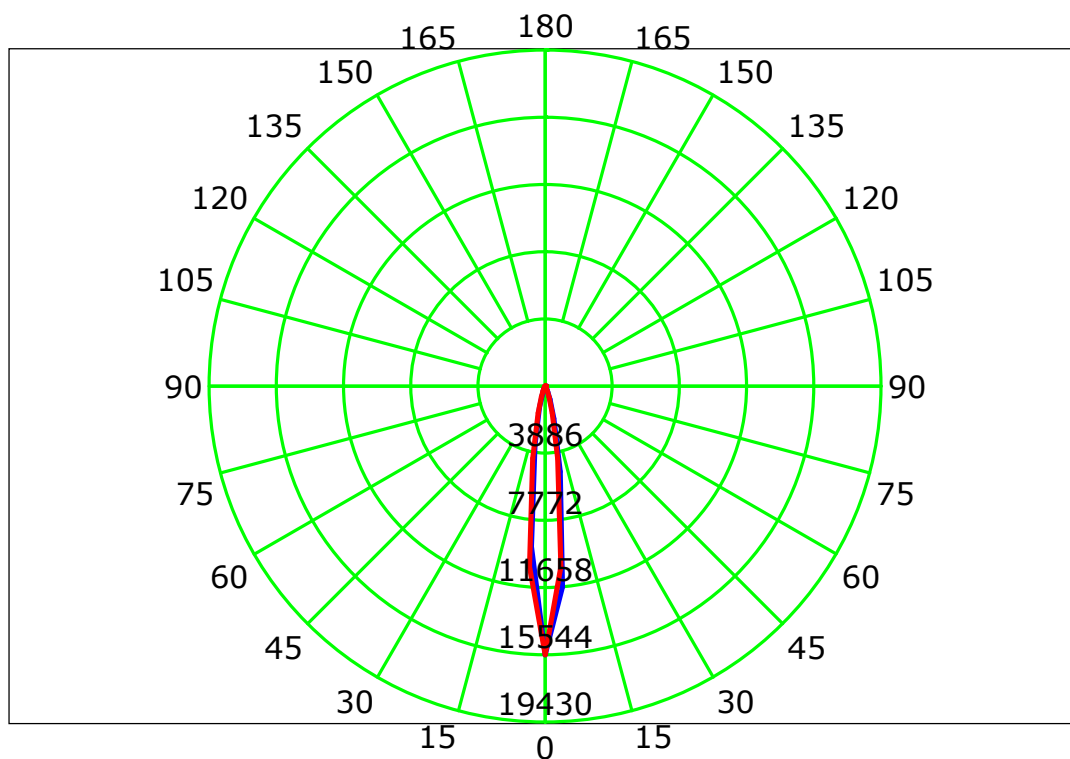
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

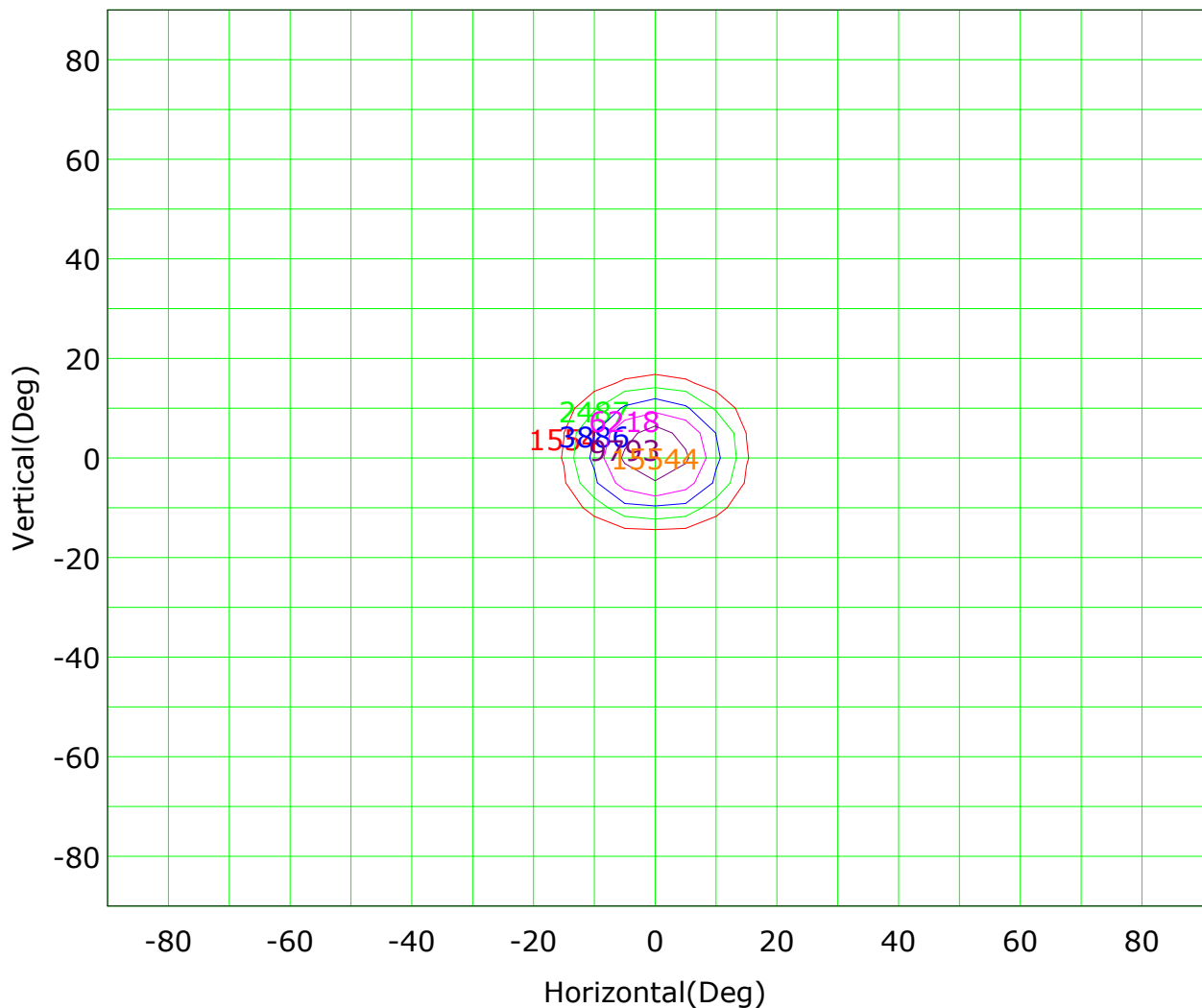
Luminous Intensity Distribution Curve



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%): 15544 cd

(10%): 1554 cd	(16%): 2487 cd
(25%): 3886 cd	(40%): 6218 cd
(63%): 9793 cd	(100%): 15544 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

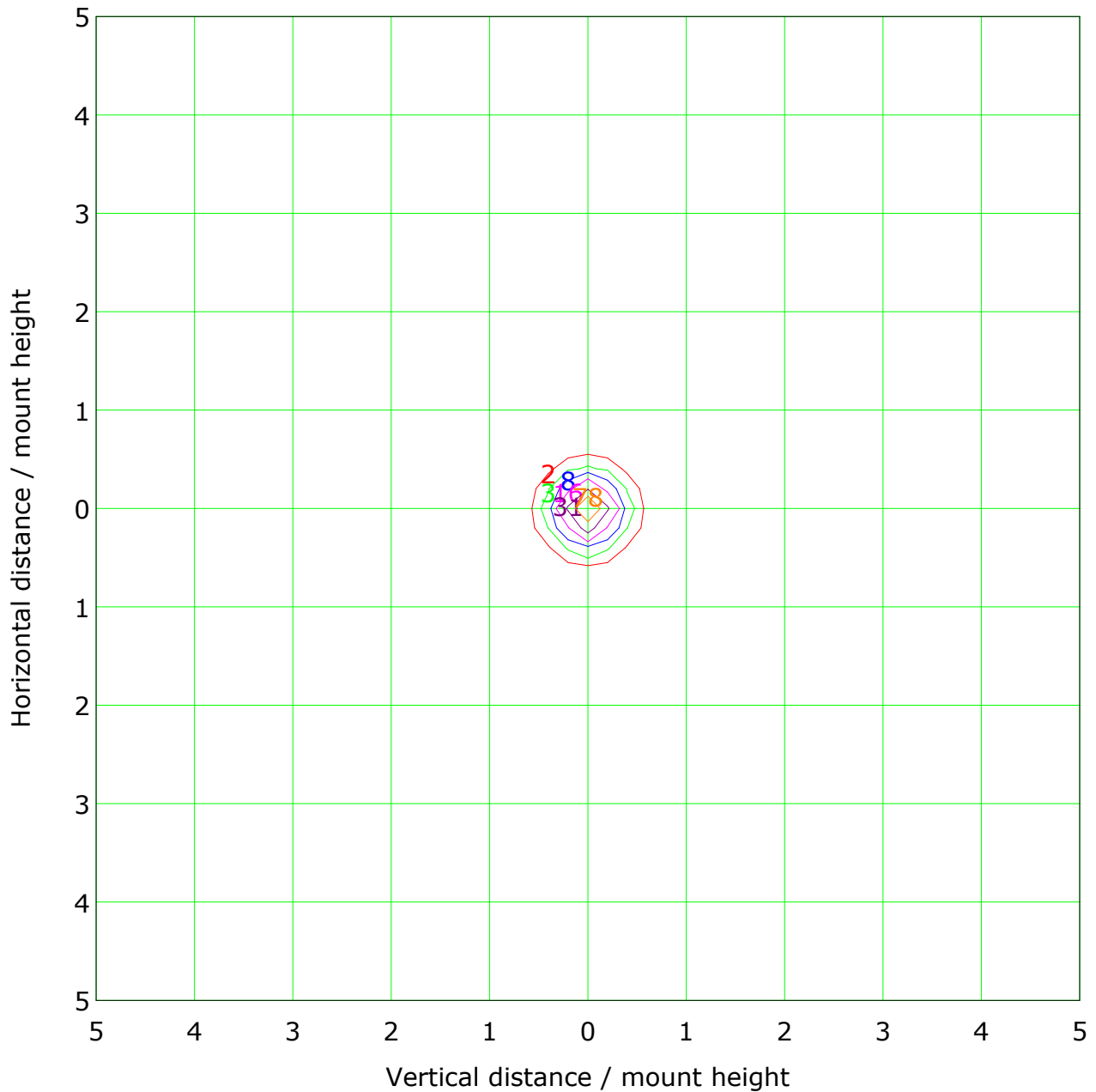
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 155 lx	
— (1%):	2 lx	— (2%):	3 lx
— (5%):	8 lx	— (10%):	16 lx
— (20%):	31 lx	— (50%):	78 lx
— (100%):	155 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

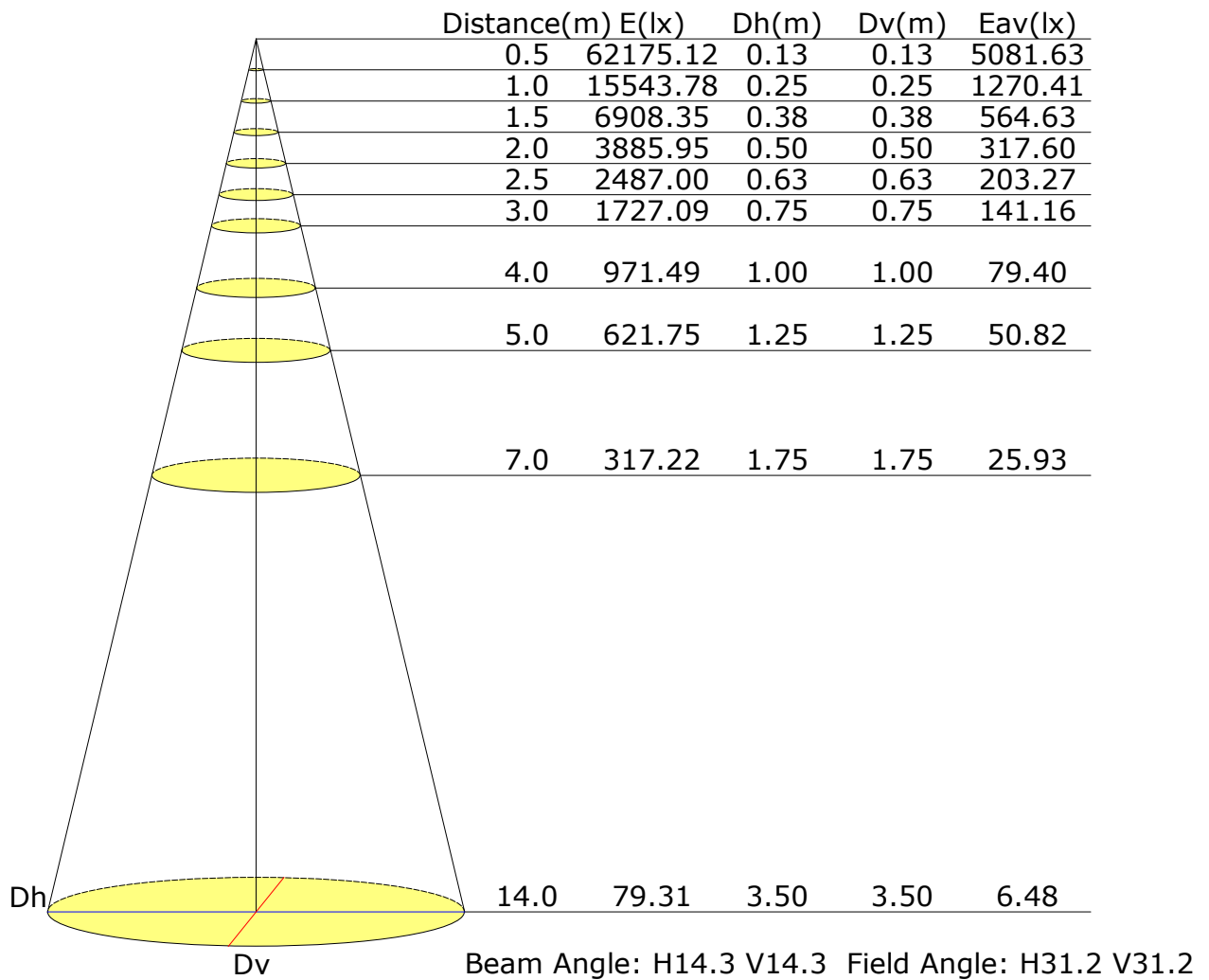
Test Device: CHL-6E

Distance: 3.000 m

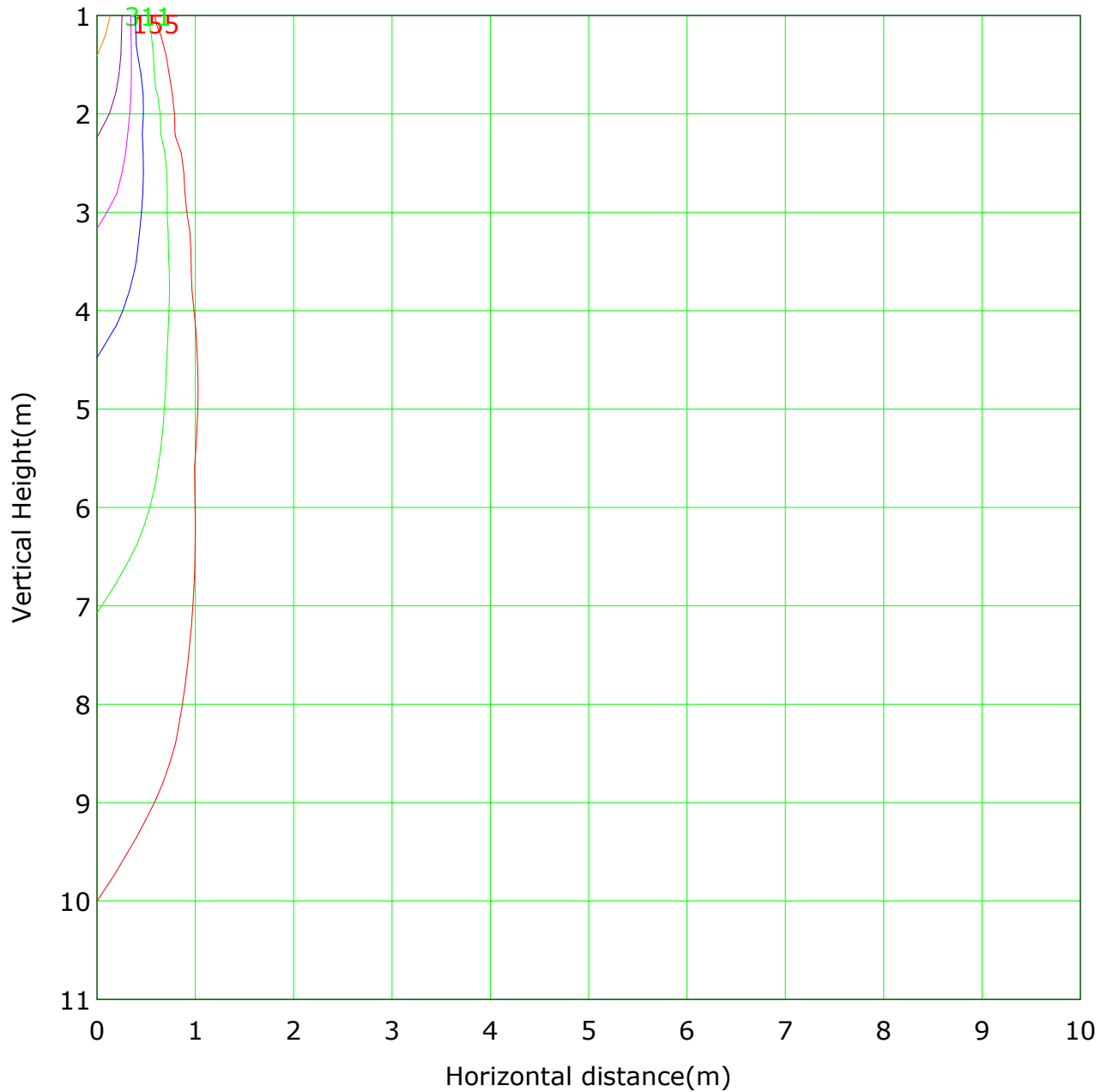
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

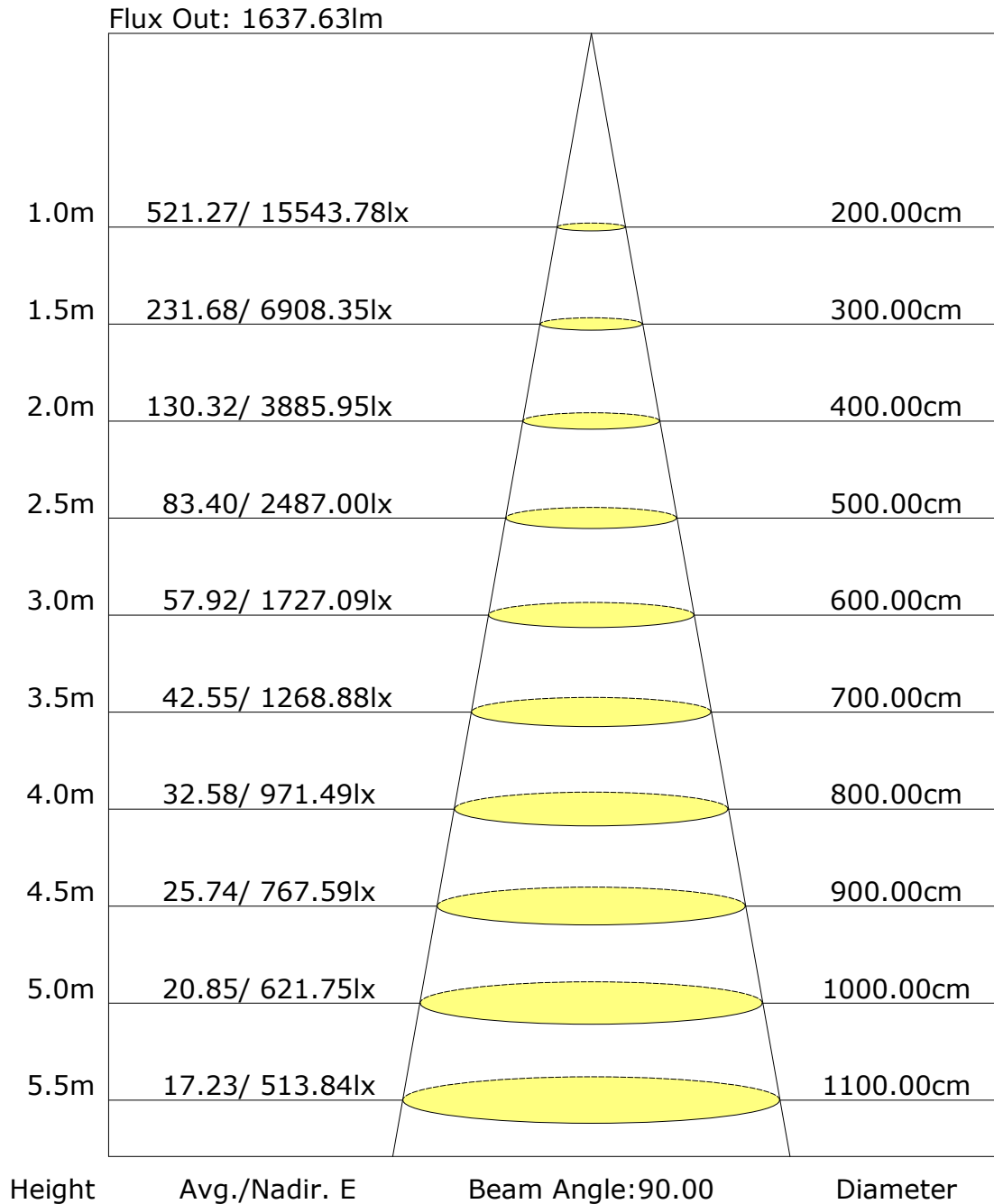


Lowest(m): 1m Highest(m): 11 Max Lux: 15544
— (1%): 155 lx — (2%): 311 lx
— (5%): 777 lx — (10%): 1554 lx
— (20%): 3109 lx — (50%): 7772 lx
— (100%): 15544 lx

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: