

Report No.: 81.20011 DELTA Pendant Light Test Time: 2023-10-06 15:28

Luminaire Property

Luminaire Category: Bridgelux V10A F90 3000K CRI90

Voltage: 221.5 V

Current: 0.110 A

Power: 13.70 W

Power Factor: 0.560

Photometric Results

CIE Class: Direct

Measurement Flux: 1626.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H35.9

Vertical Diffuse Angle(50%): V35.9

Luminaire Efficacy Rating (LER): 119

Max. Intensity: 3776.55 cd

Total Rated Lamp Lumens: 1626.3 lm

Efficiency: 100%

Upward Ratio: 0%

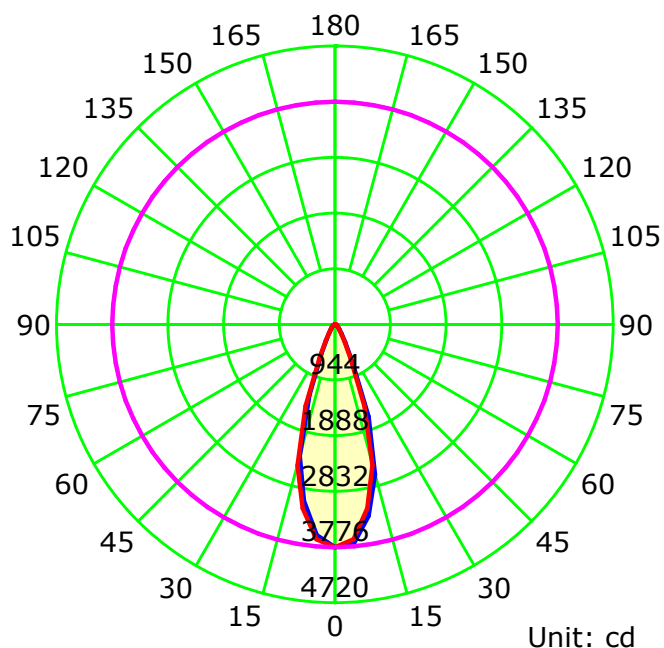
Central Intensity: 3776.54 cd

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

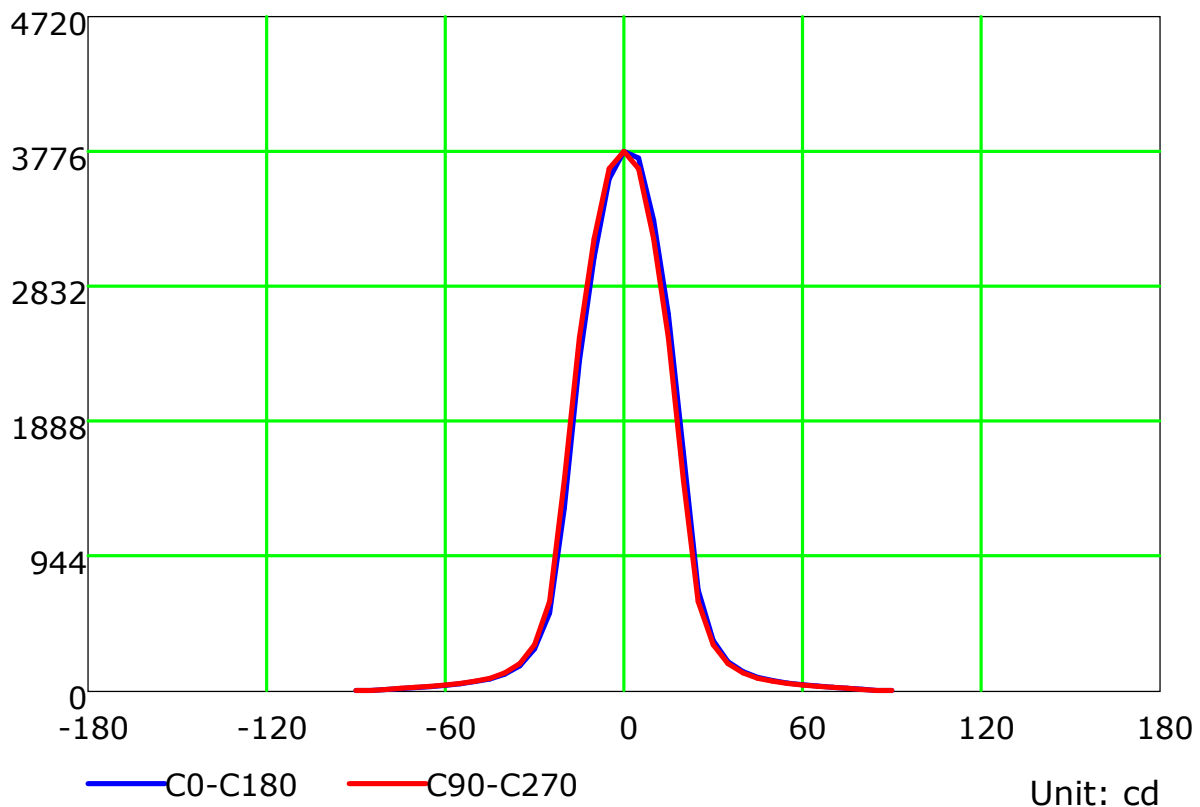
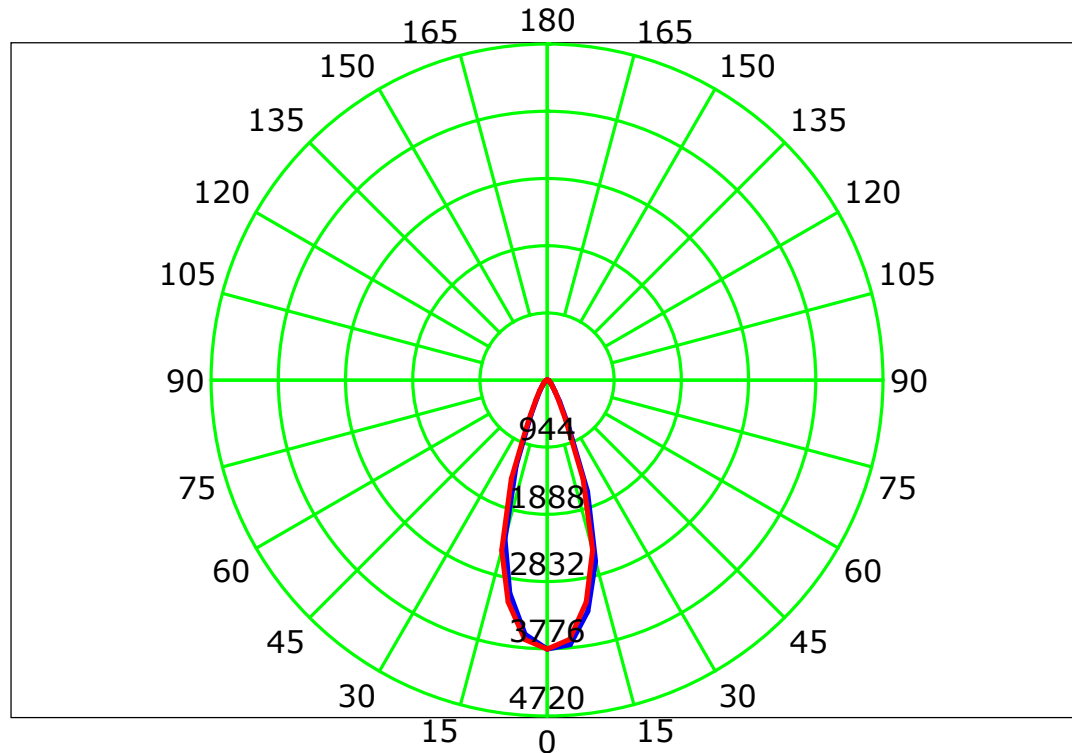
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

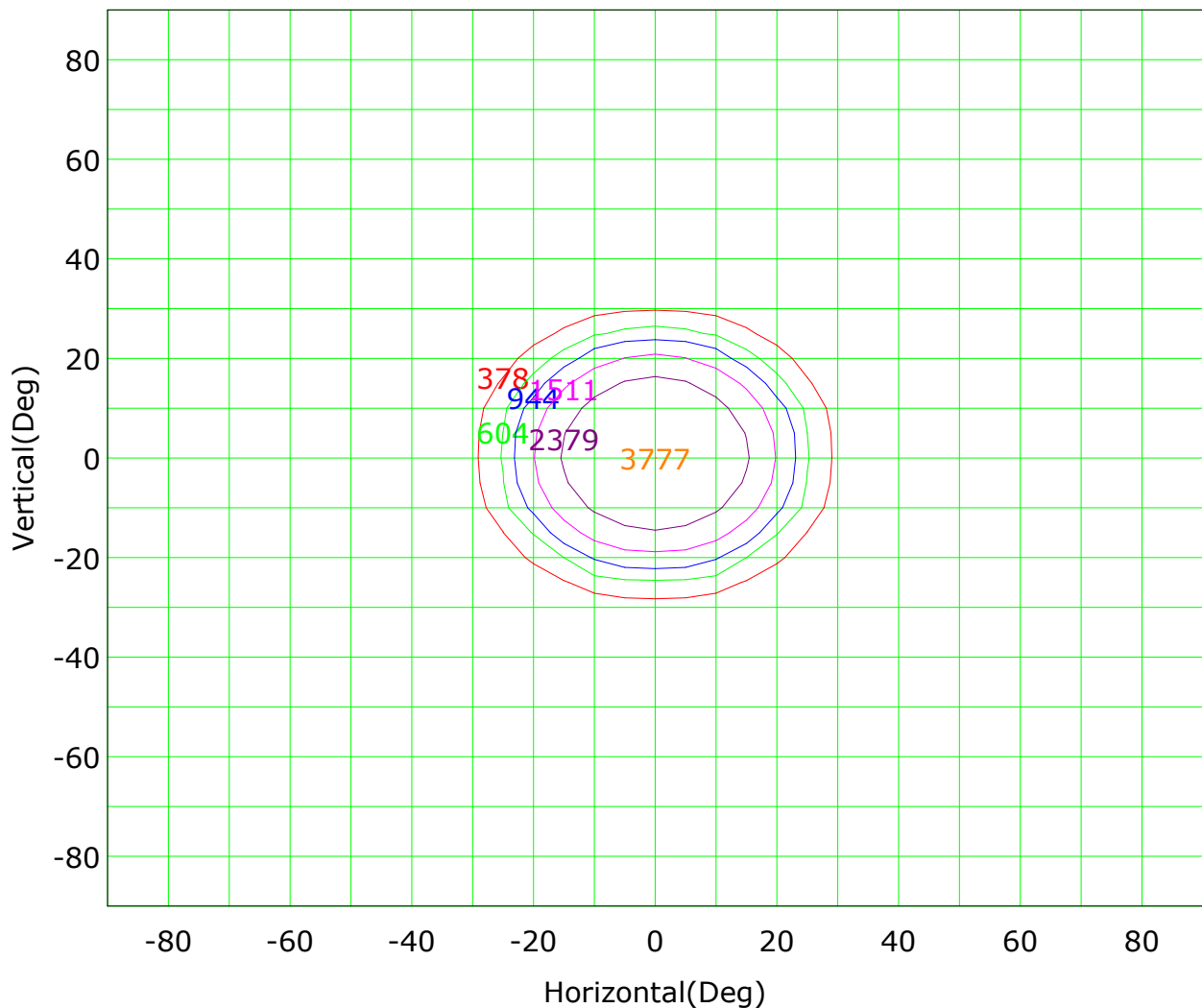
Luminous Intensity Distribution Curve



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%): 3777 cd

(10%): 378 cd	(16%): 604 cd
(25%): 944 cd	(40%): 1511 cd
(63%): 2379 cd	(100%): 3777 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

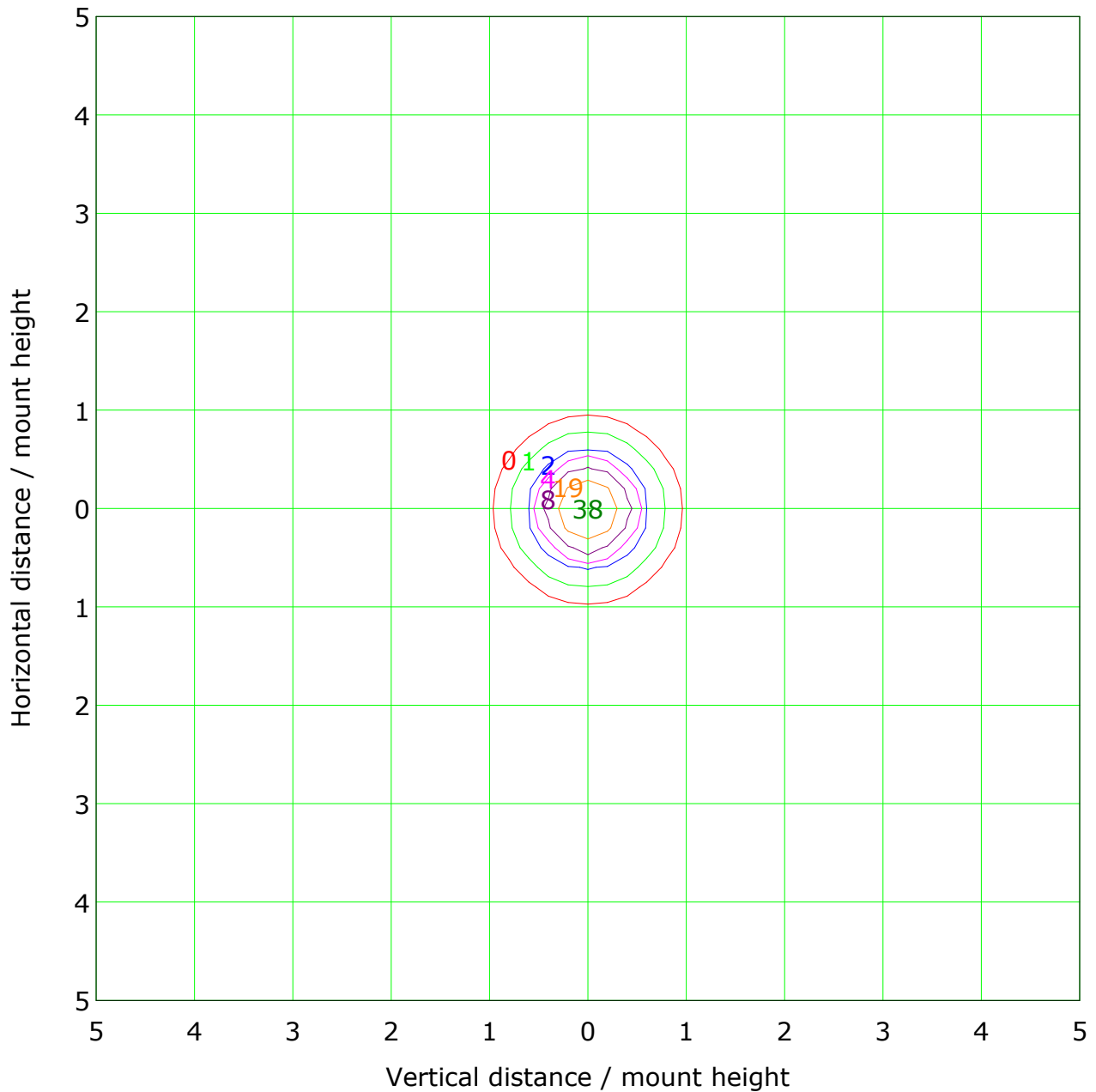
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 38 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	2 lx	(10%):	4 lx
(20%):	8 lx	(50%):	19 lx
(100%):	38 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

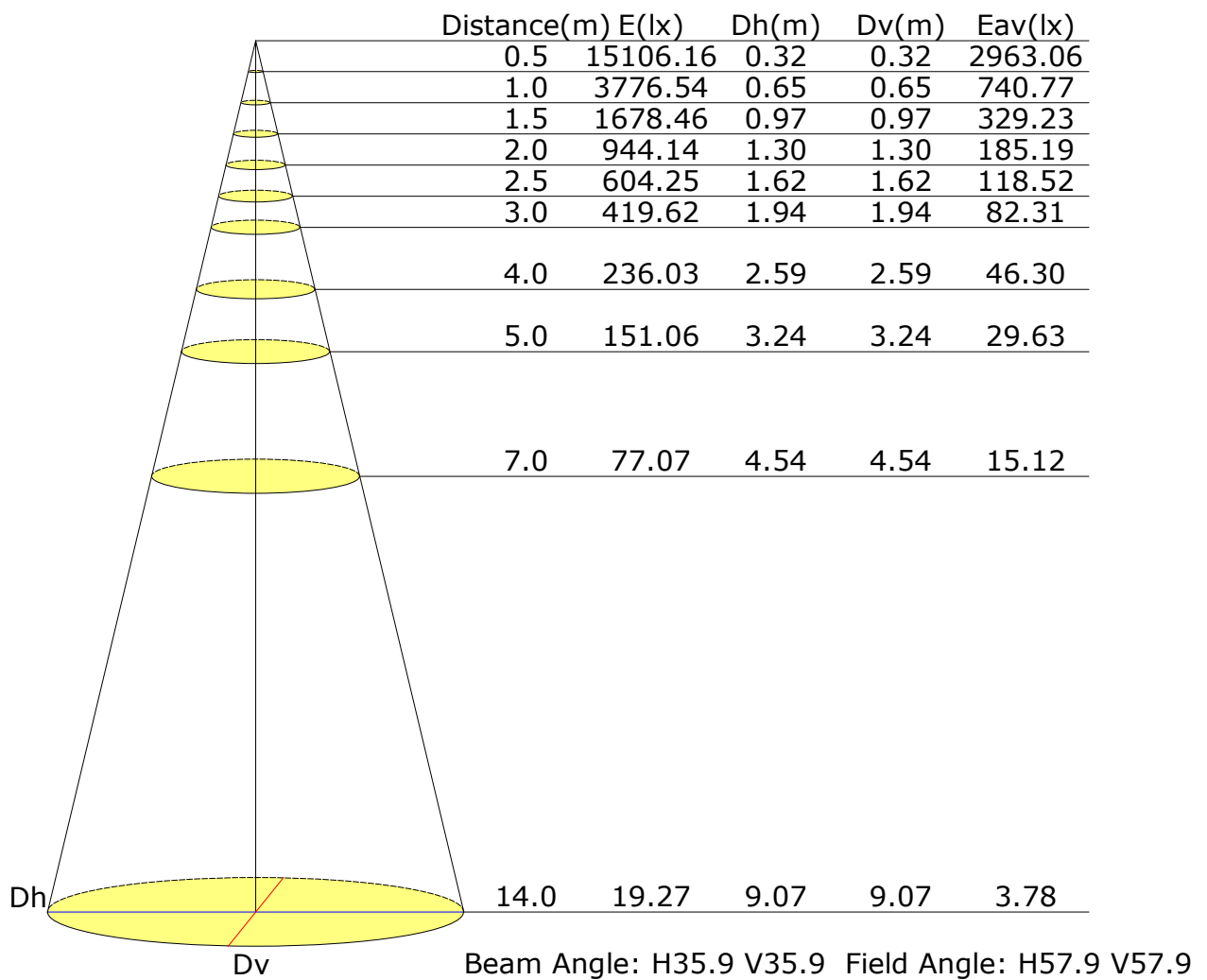
Test Device: CHL-6E

Distance: 3.000 m

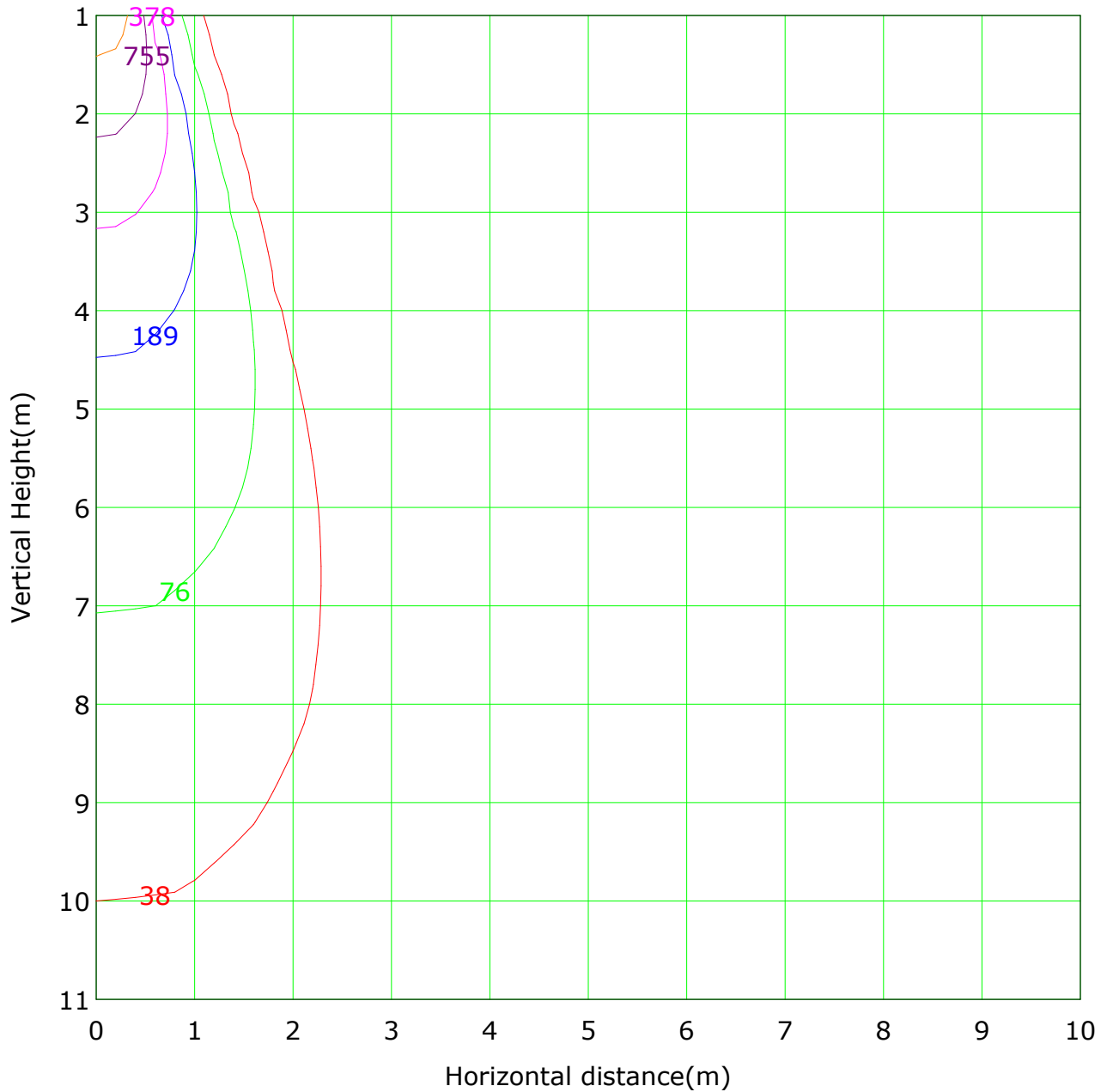
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



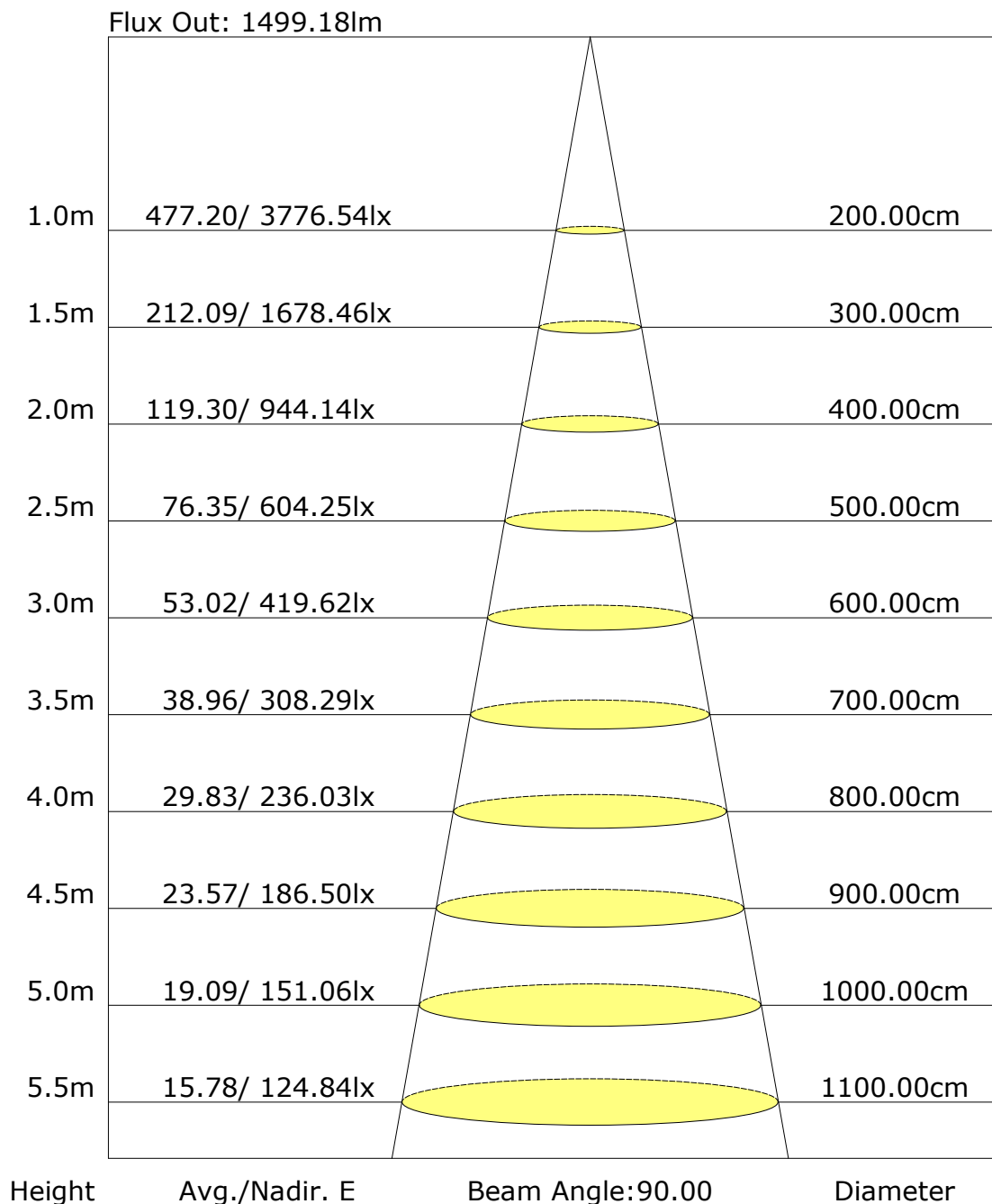
Lowest(m): 1m Highest(m): 11 Max Lux: 3777

(1%): 38 lx	(2%): 76 lx
(5%): 189 lx	(10%): 378 lx
(20%): 755 lx	(50%): 1888 lx
(100%): 3777 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: