

Report No.: 81.05511 FOS Pendant Light Test Time: 2023-09-19 16:04

Luminaire Property

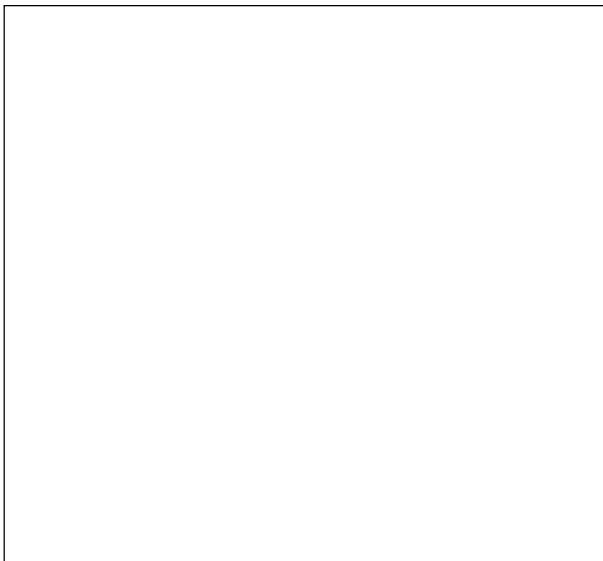
Luminaire Category: Bridgelux V10A F90 3000K CRI90
Voltage: 218.0 V Current: 0.138 A
Power: 16.00 W Power Factor: 0.529

Photometric Results

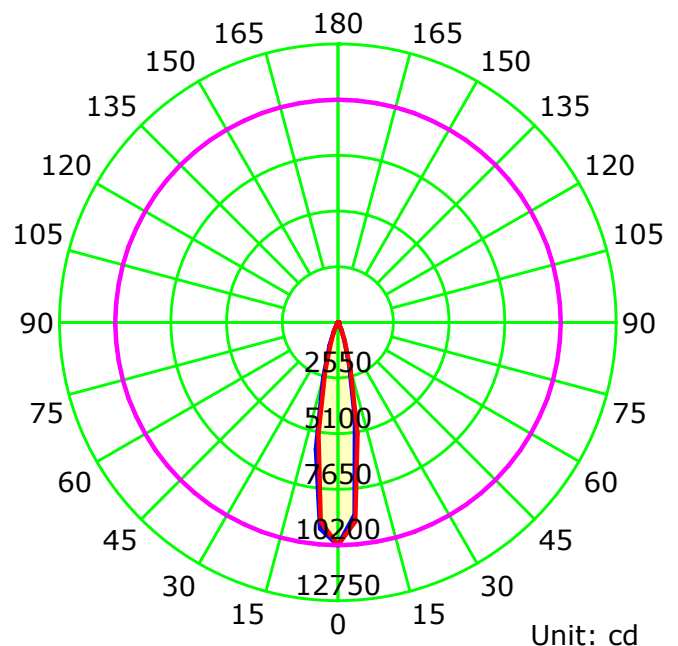
CIE Class: Direct
Measurement Flux: 1753.6 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H20.5
Vertical Diffuse Angle(50%): V20.5
Luminaire Efficacy Rating (LER): 110
Max. Intensity: 10201.12 cd

Total Rated Lamp Lumens: 1753.6 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 10201.11 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve

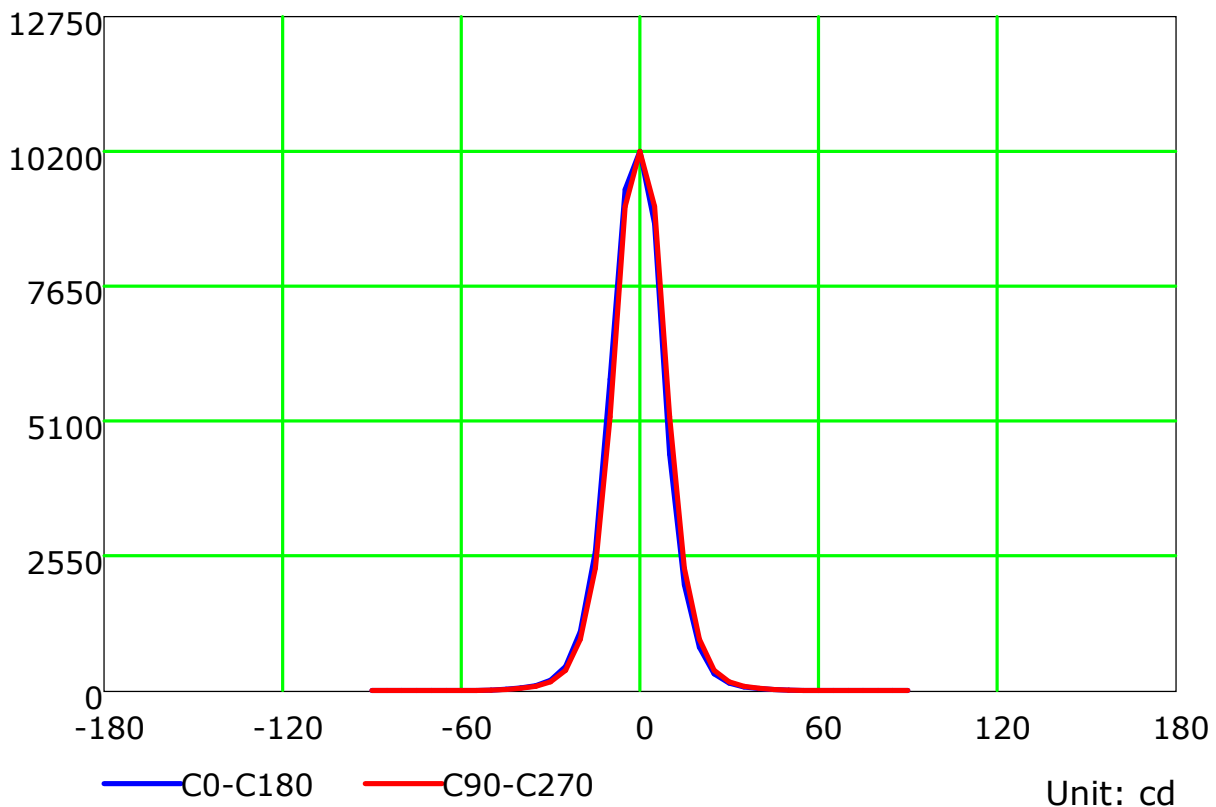
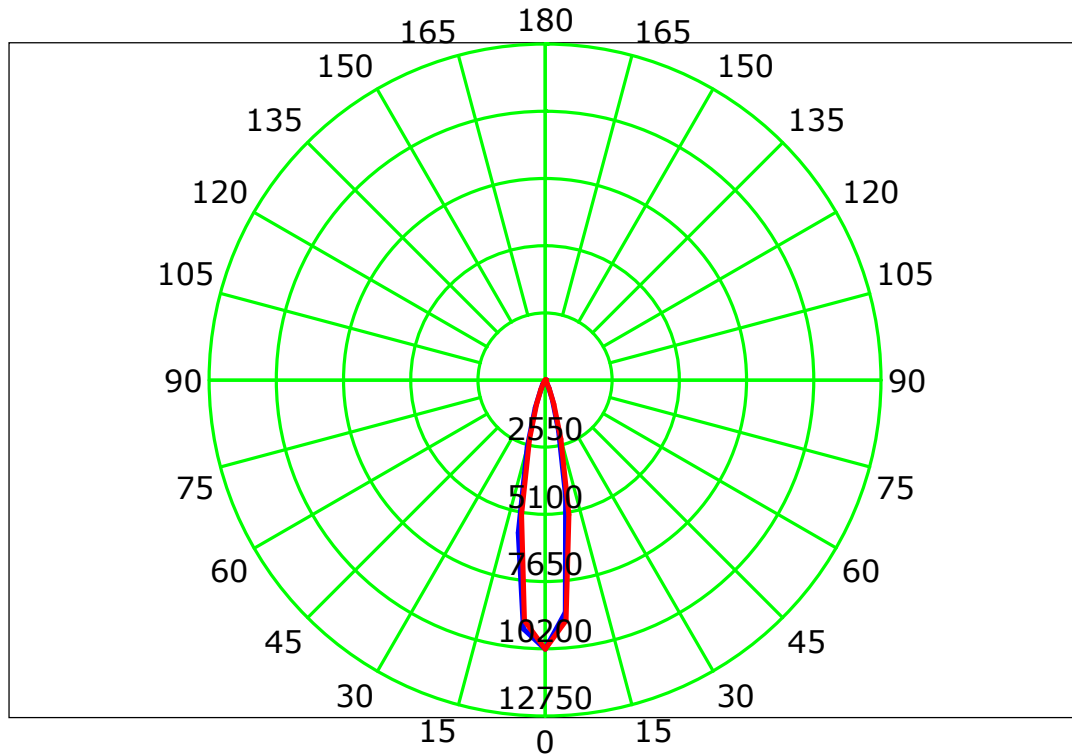


— C0-C180 — C90-C270 — G0

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:

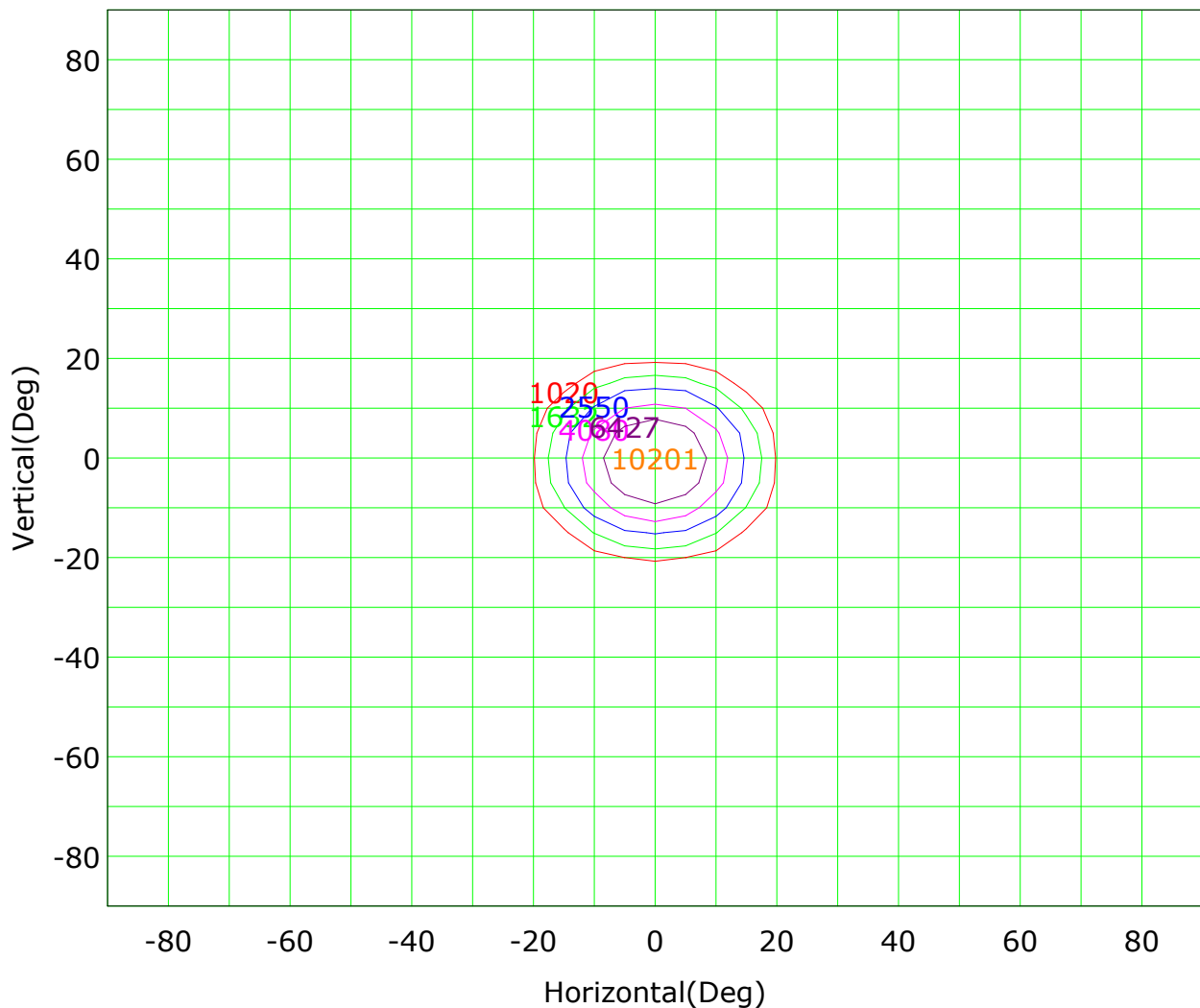
Luminous Intensity Distribution Curve



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%): 10201 cd

(10%): 1020 cd	(16%): 1632 cd
(25%): 2550 cd	(40%): 4080 cd
(63%): 6427 cd	(100%): 10201 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

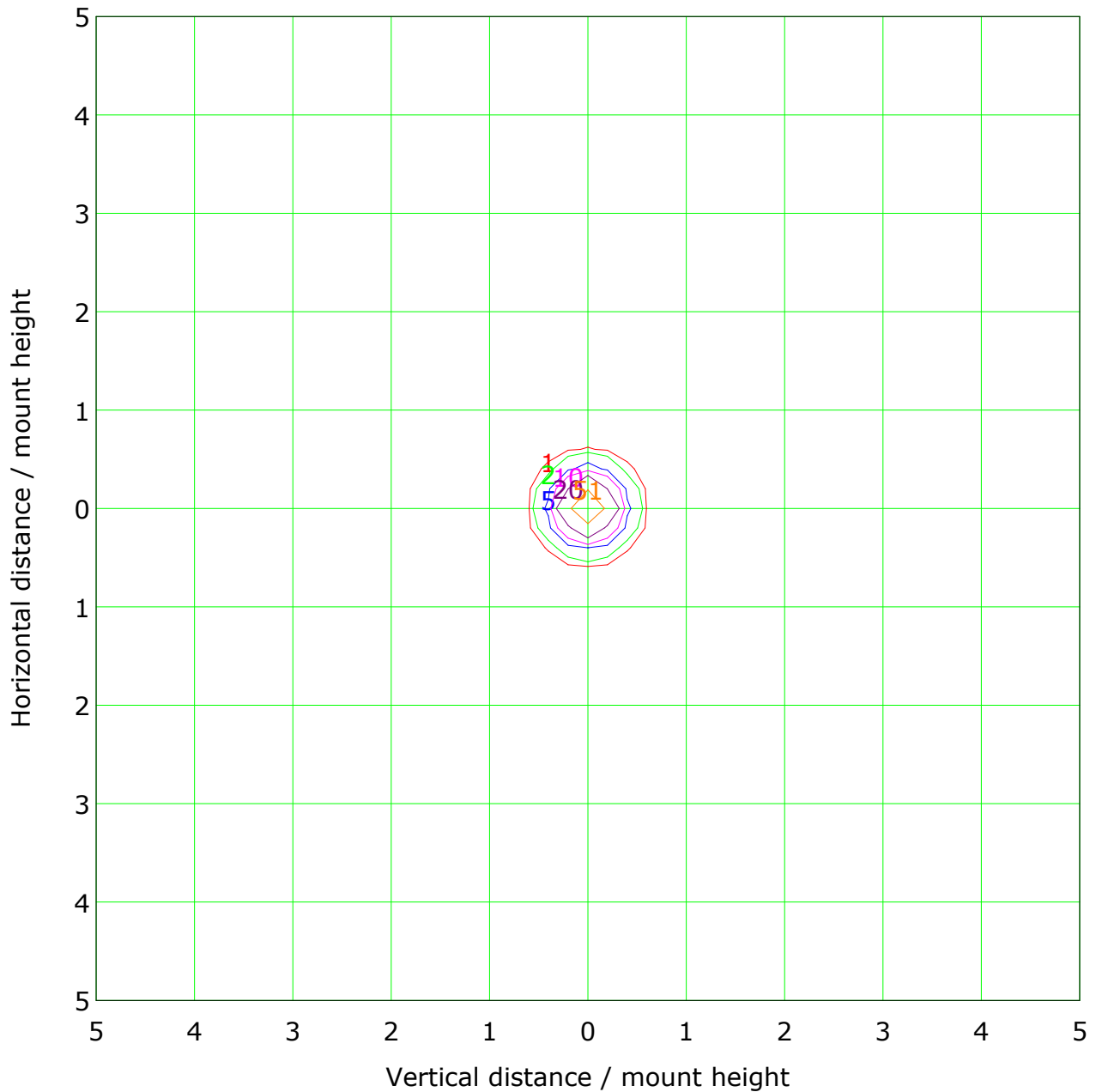
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 102 lx	
(1%):	1 lx	(2%):	2 lx
(5%):	5 lx	(10%):	10 lx
(20%):	20 lx	(50%):	51 lx
(100%):	102 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

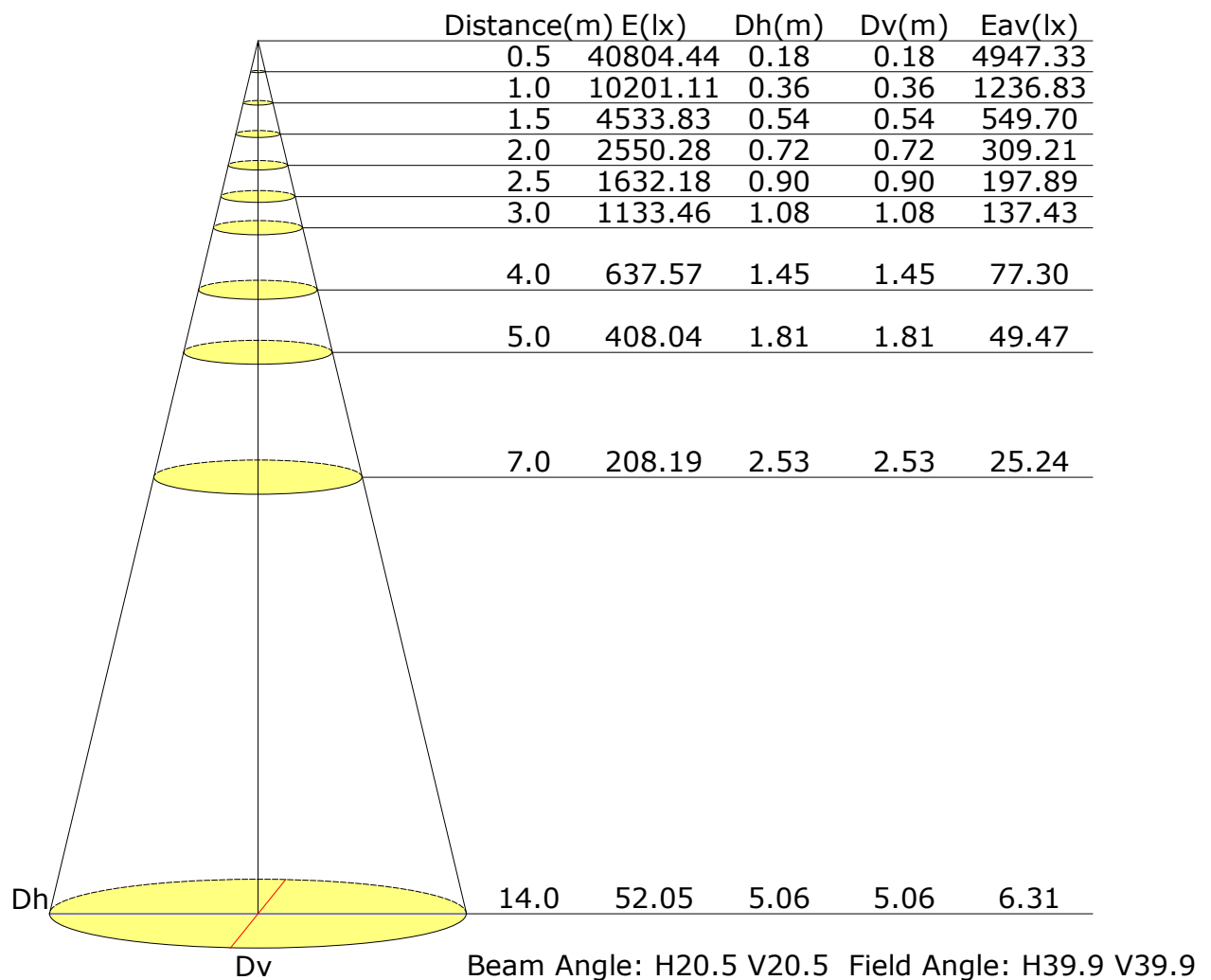
Test Device: CHL-6E

Distance: 3.000 m

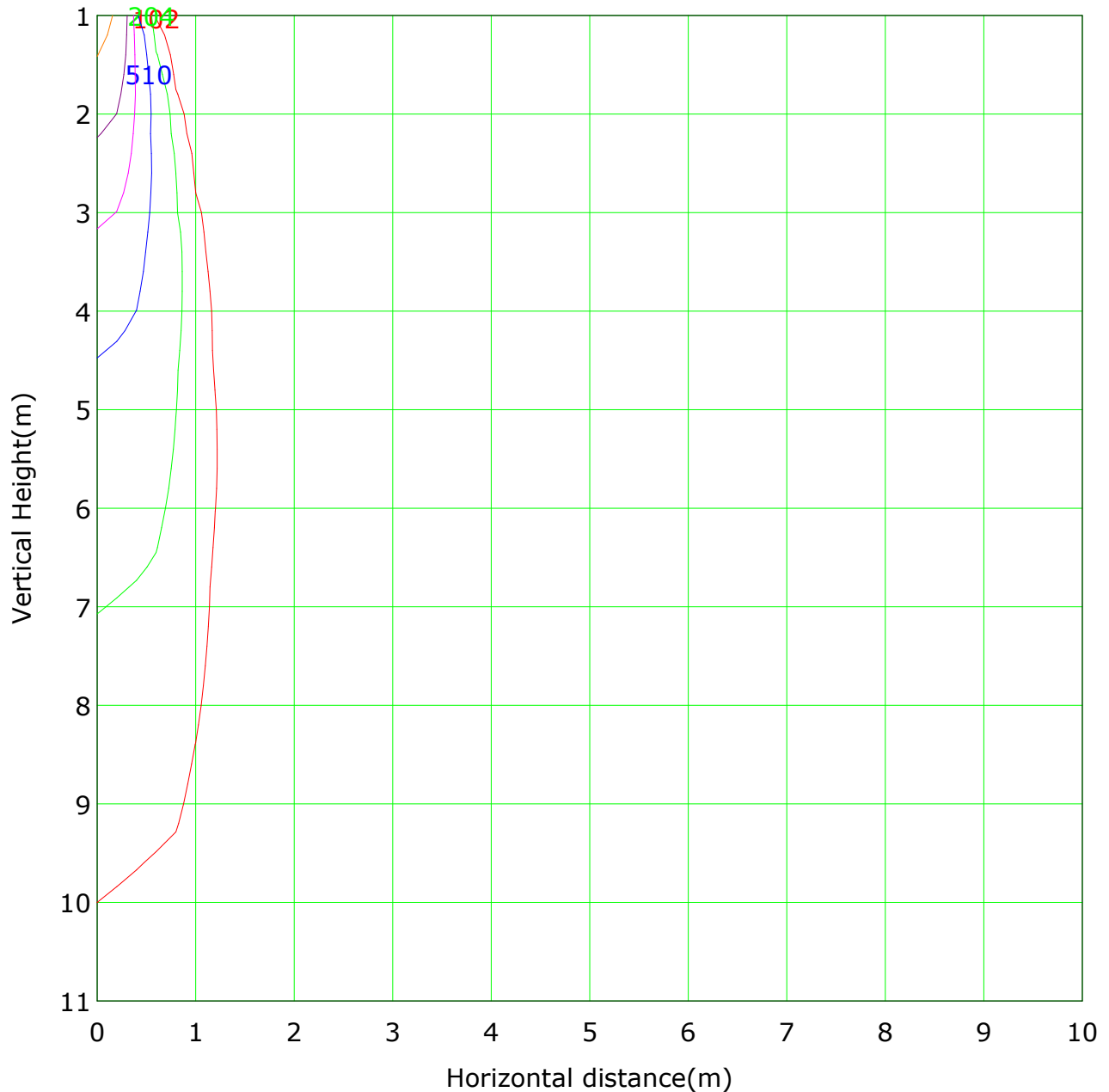
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

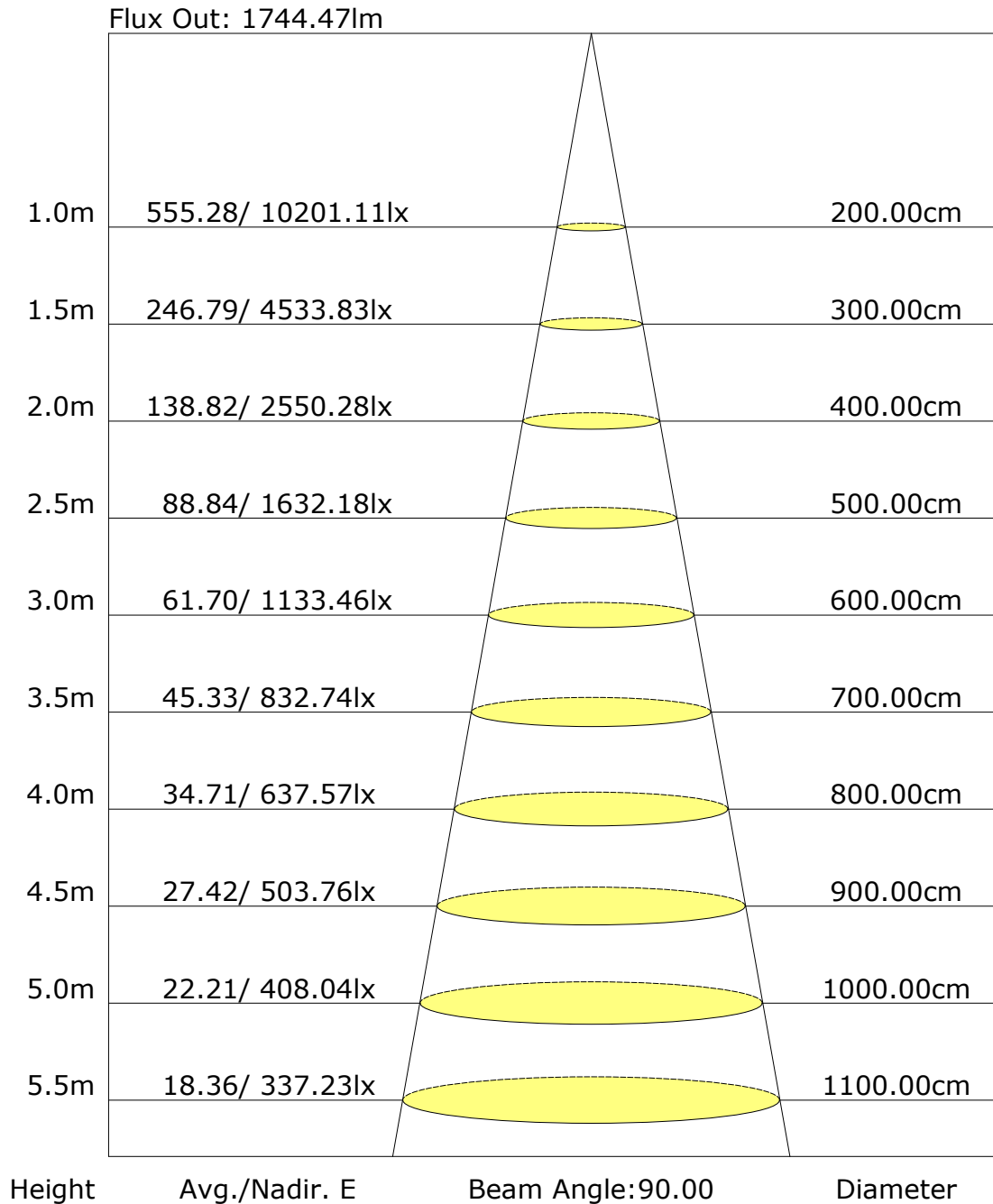


Lowest(m): 1m Highest(m): 11 Max Lux: 10201
— (1%): 102 lx — (2%): 204 lx
— (5%): 510 lx — (10%): 1020 lx
— (20%): 2040 lx — (50%): 5101 lx
— (100%): 10201 lx

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: