

Report No.: 81.03511 SWING Pendant Light Test Time: 2023-09-28 14:16

Luminaire Property

Luminaire Category: Bridgelux V4 3000K CRI90

Voltage: 223.4 V

Current: 0.073 A

Power: 9.40 W

Power Factor: 0.571

Photometric Results

CIE Class: Direct

Measurement Flux: 184.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H8.3

Vertical Diffuse Angle(50%): V8.3

Luminaire Efficacy Rating (LER): 20

Max. Intensity: 2534.86 cd

Total Rated Lamp Lumens: 184.3 lm

Efficiency: 100%

Upward Ratio: 0%

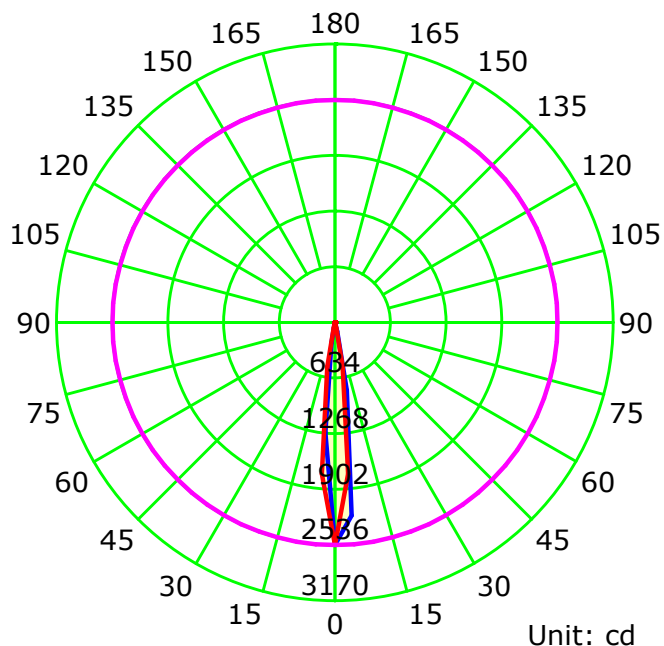
Central Intensity: 2534.85 cd

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

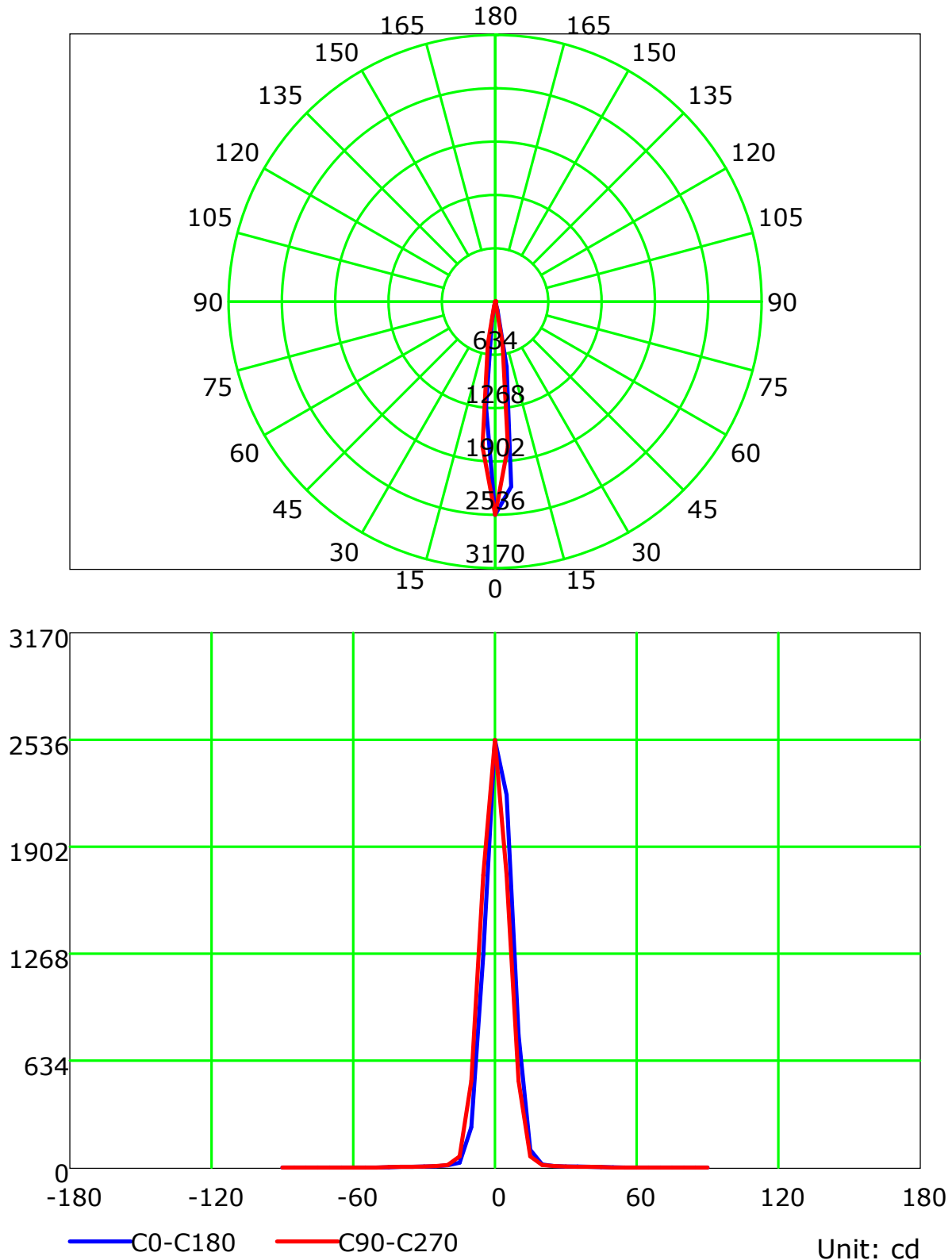
Test Device: CHL-6E

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

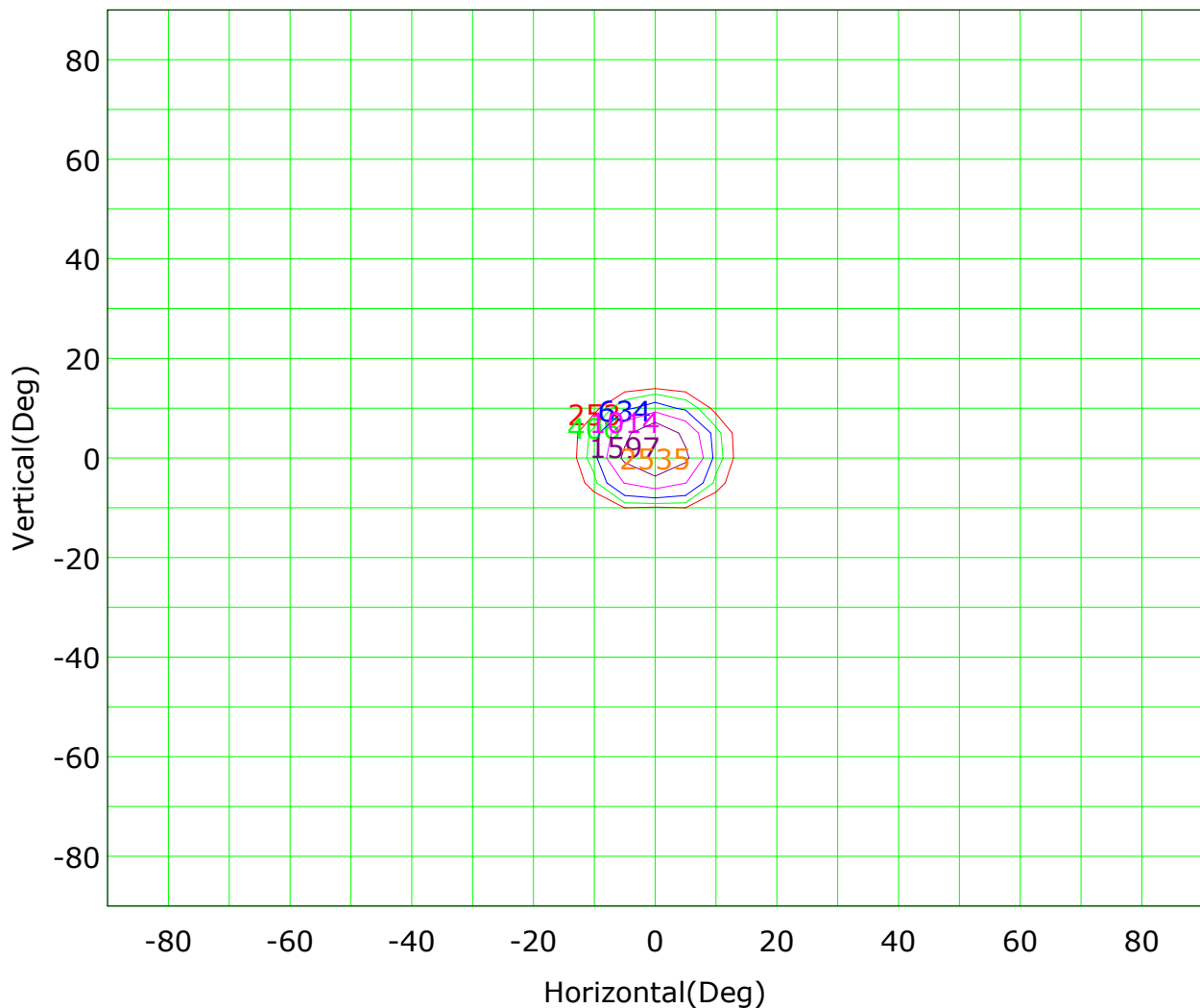
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 2535 cd

(10%): 253 cd	(16%): 406 cd
(25%): 634 cd	(40%): 1014 cd
(63%): 1597 cd	(100%): 2535 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

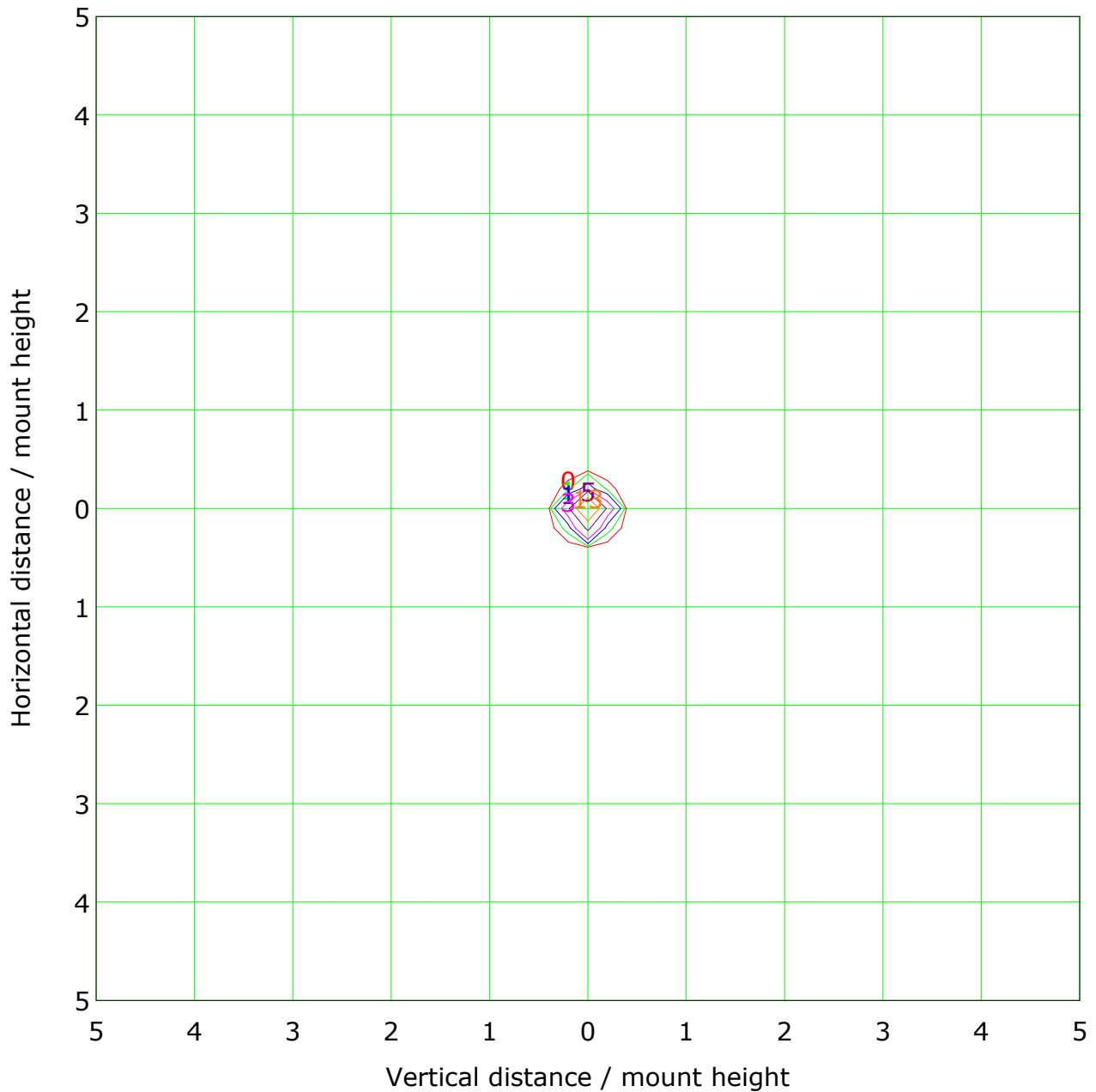
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 25 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	1 lx	(10%):	3 lx
(20%):	5 lx	(50%):	13 lx
(100%):	25 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

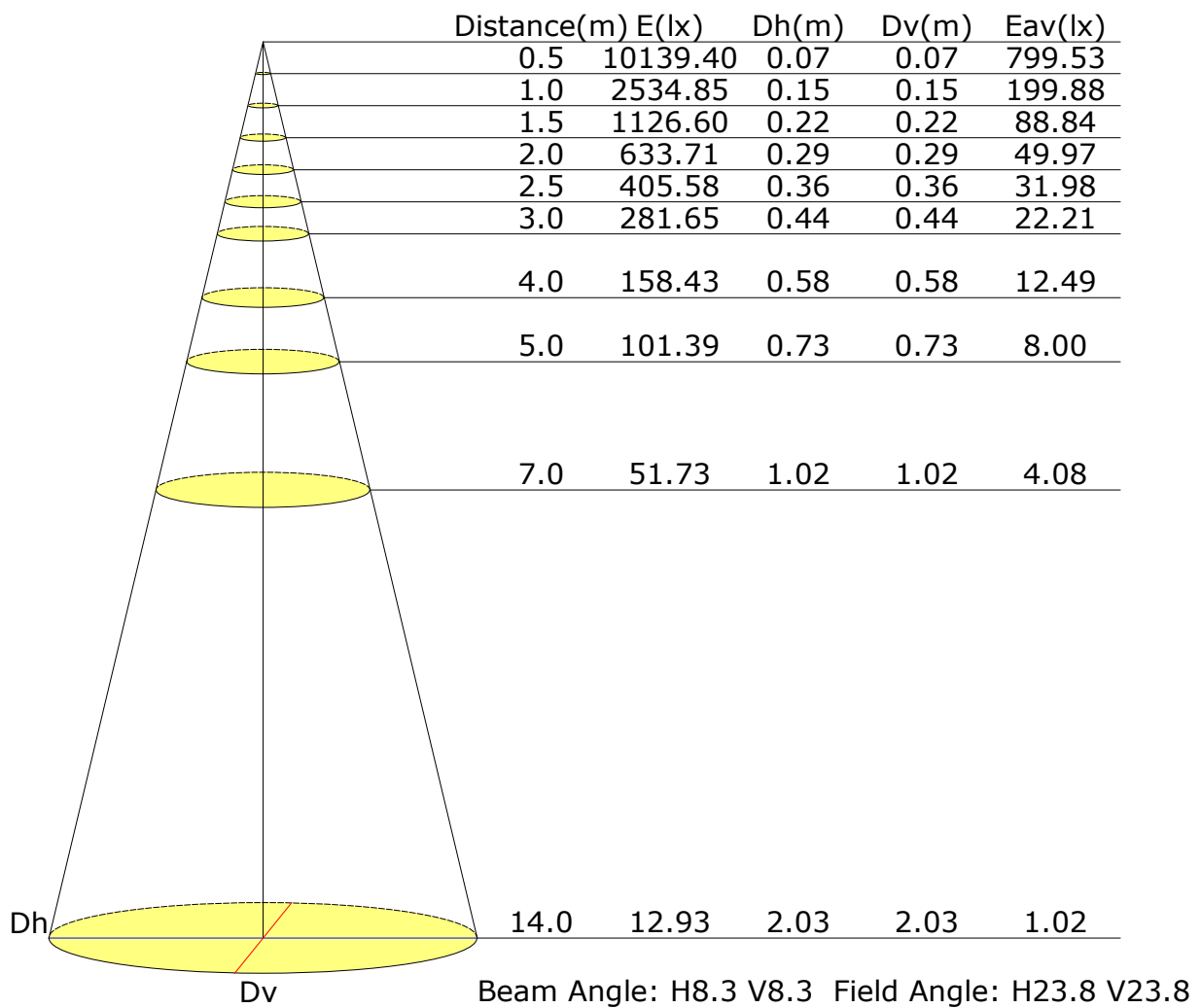
Test Device: CHL-6E

Distance: 3.000 m

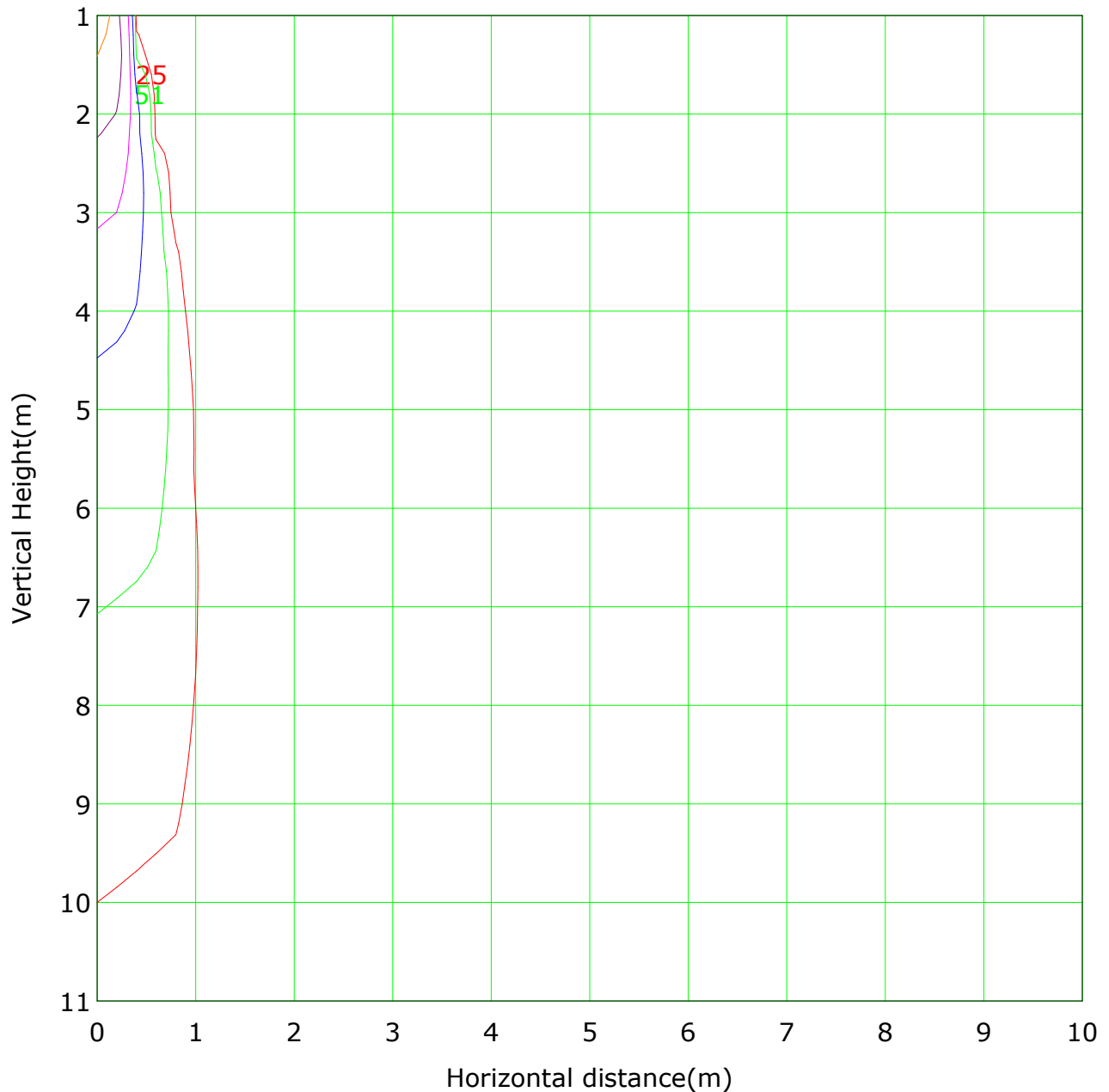
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



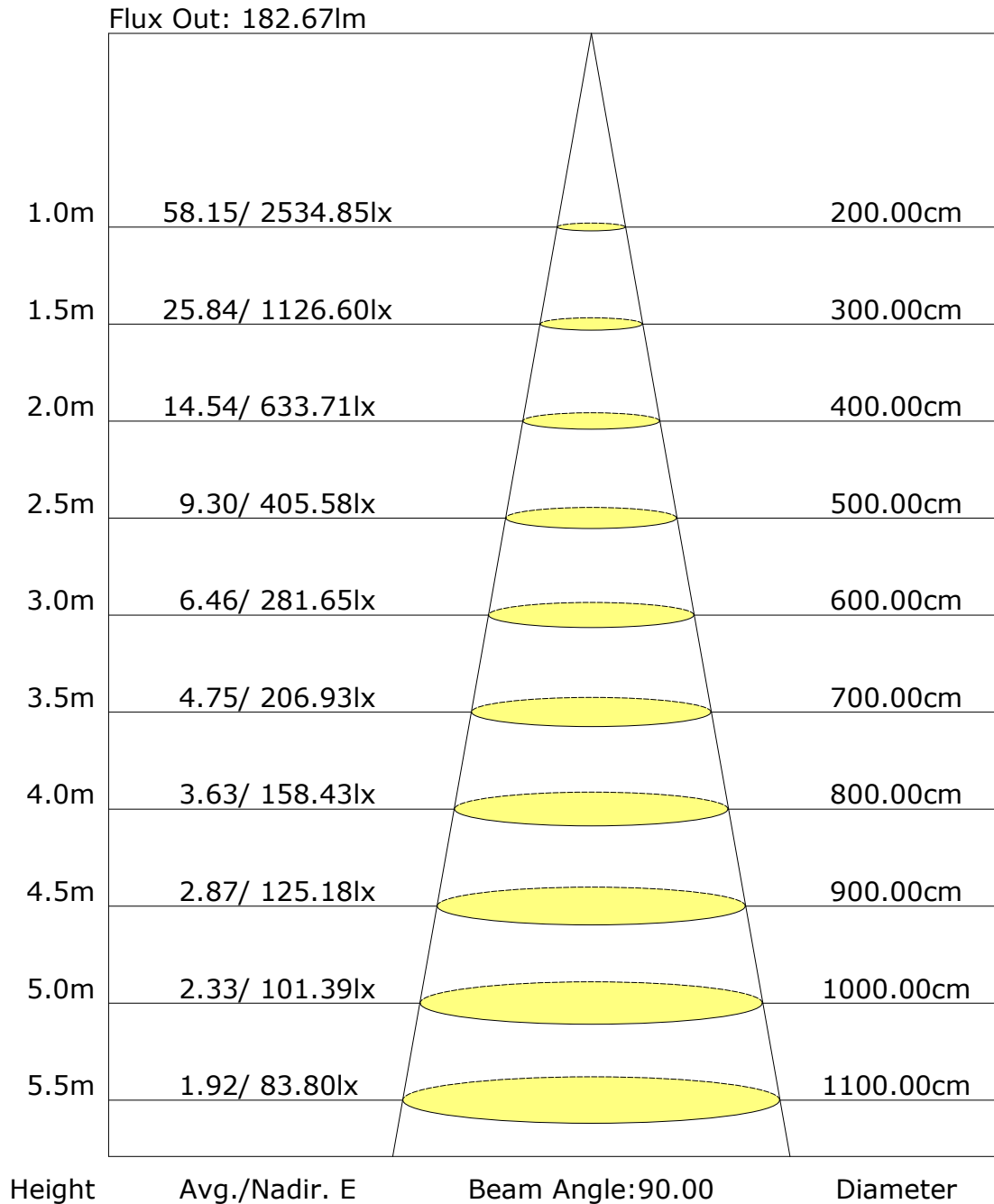
Lowest(m): 1m Highest(m): 11 Max Lux: 2535

(1%): 25 lx	(2%): 51 lx
(5%): 127 lx	(10%): 253 lx
(20%): 507 lx	(50%): 1267 lx
(100%): 2535 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: