

Report No.: 63.03511 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%

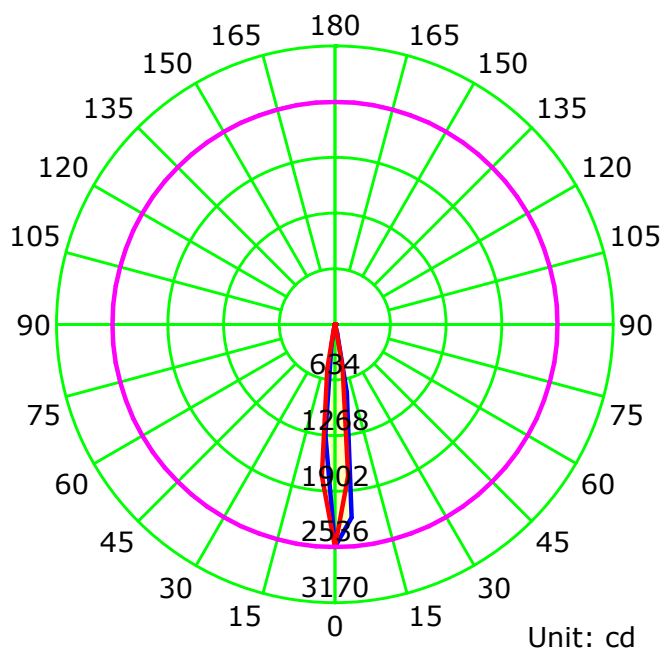
Central Intensity: 2534.85 cd

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

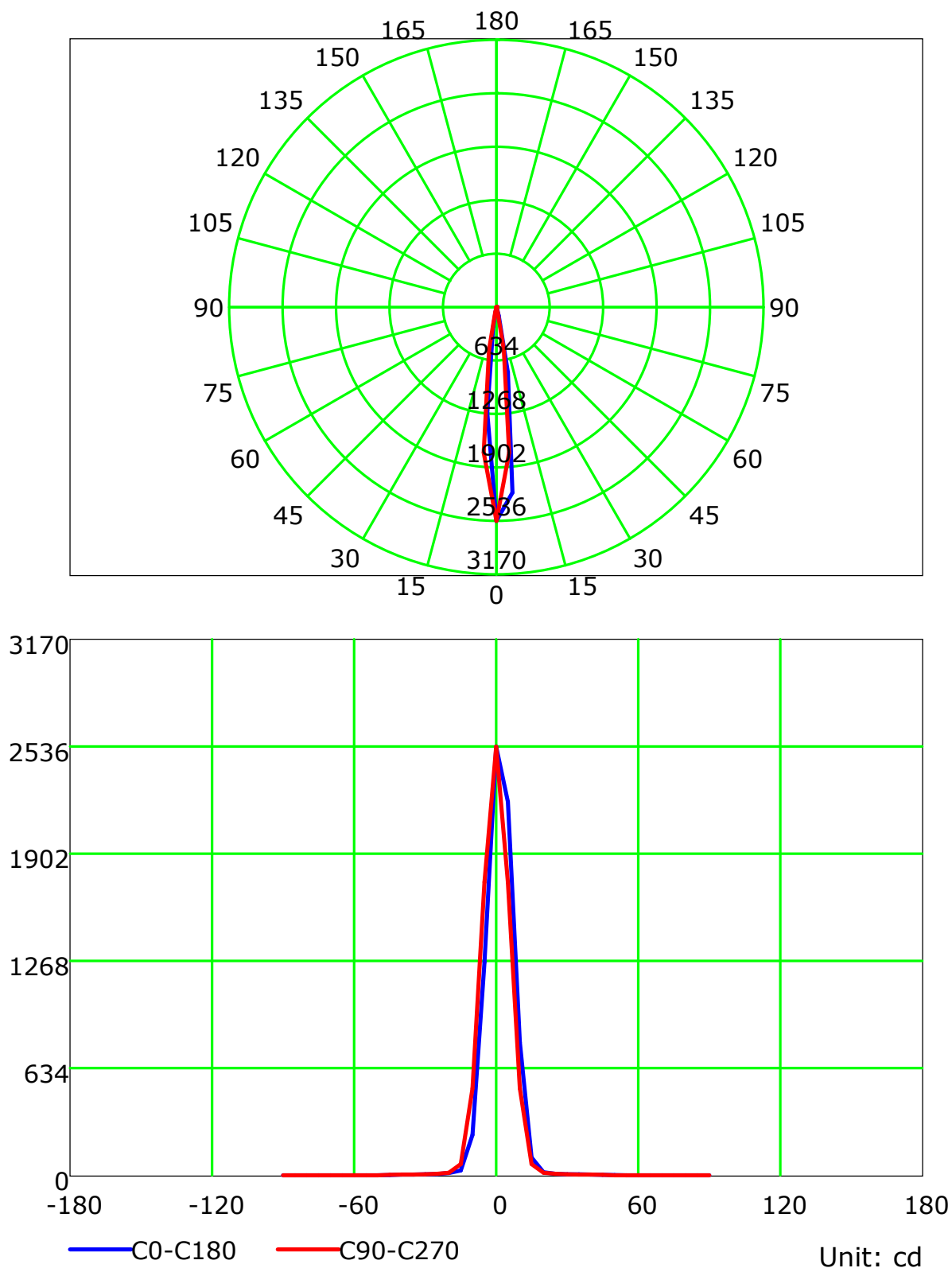
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

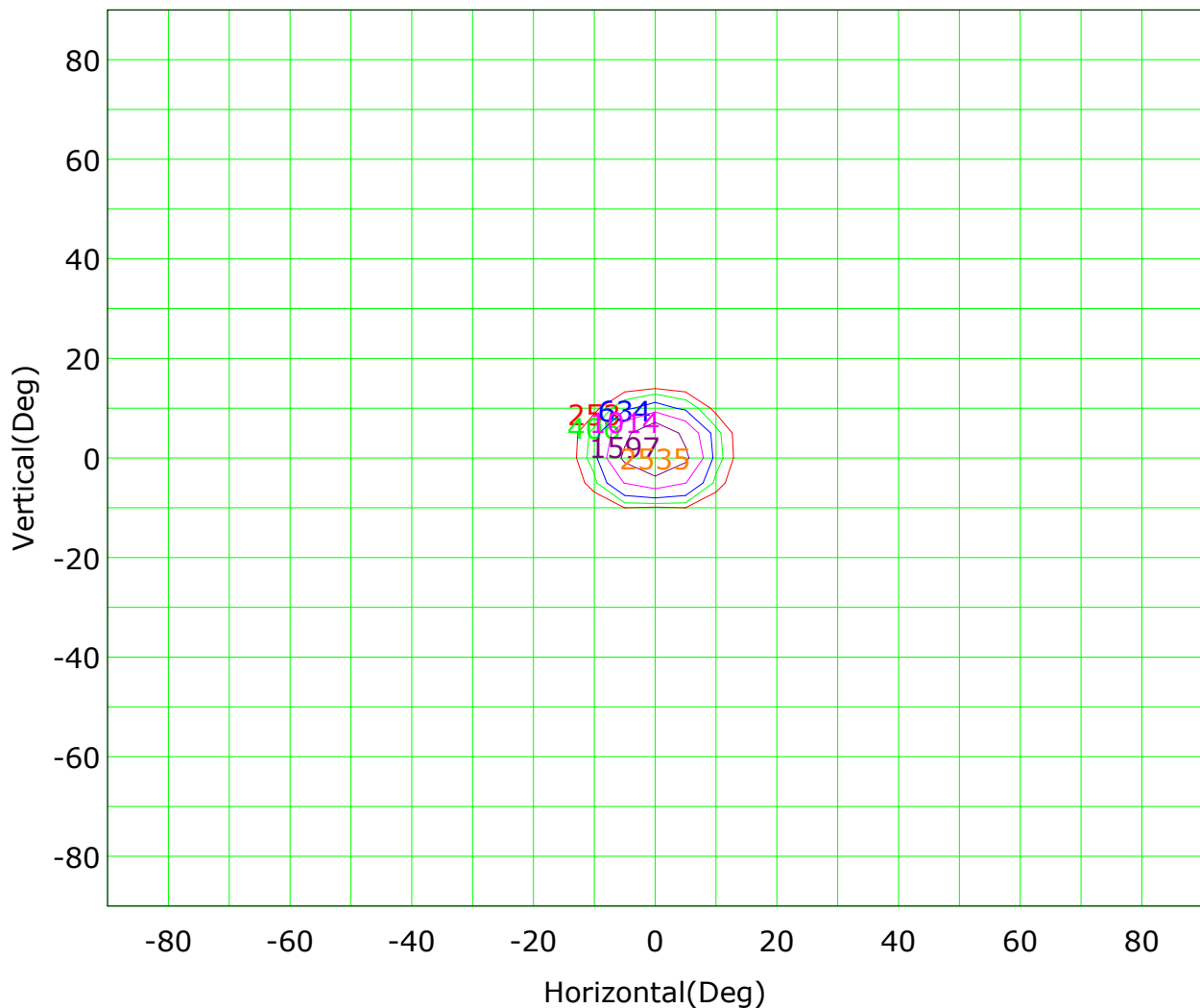
## Luminous Intensity Distribution Curve



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

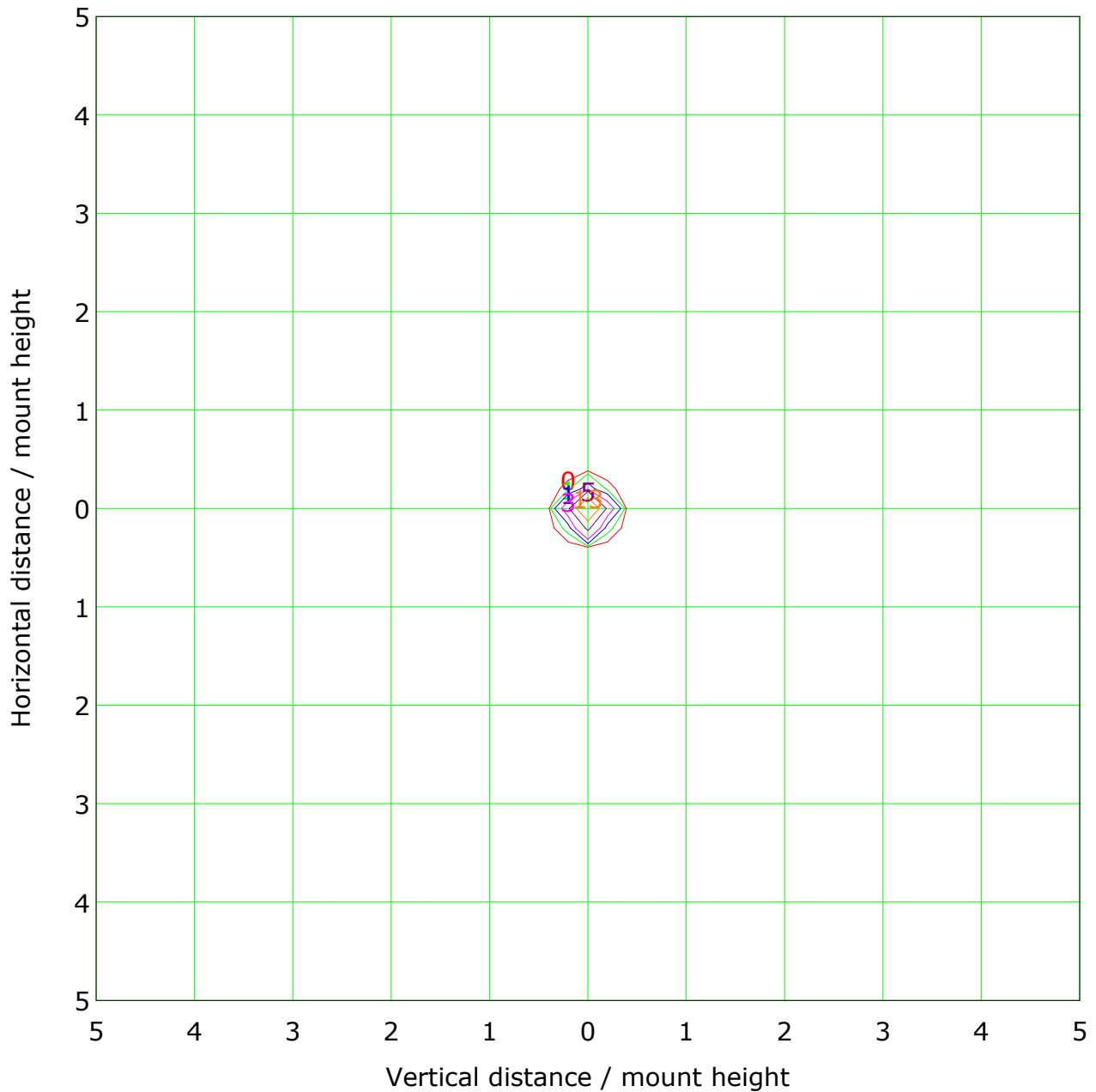
Test Device: CHL-6E

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

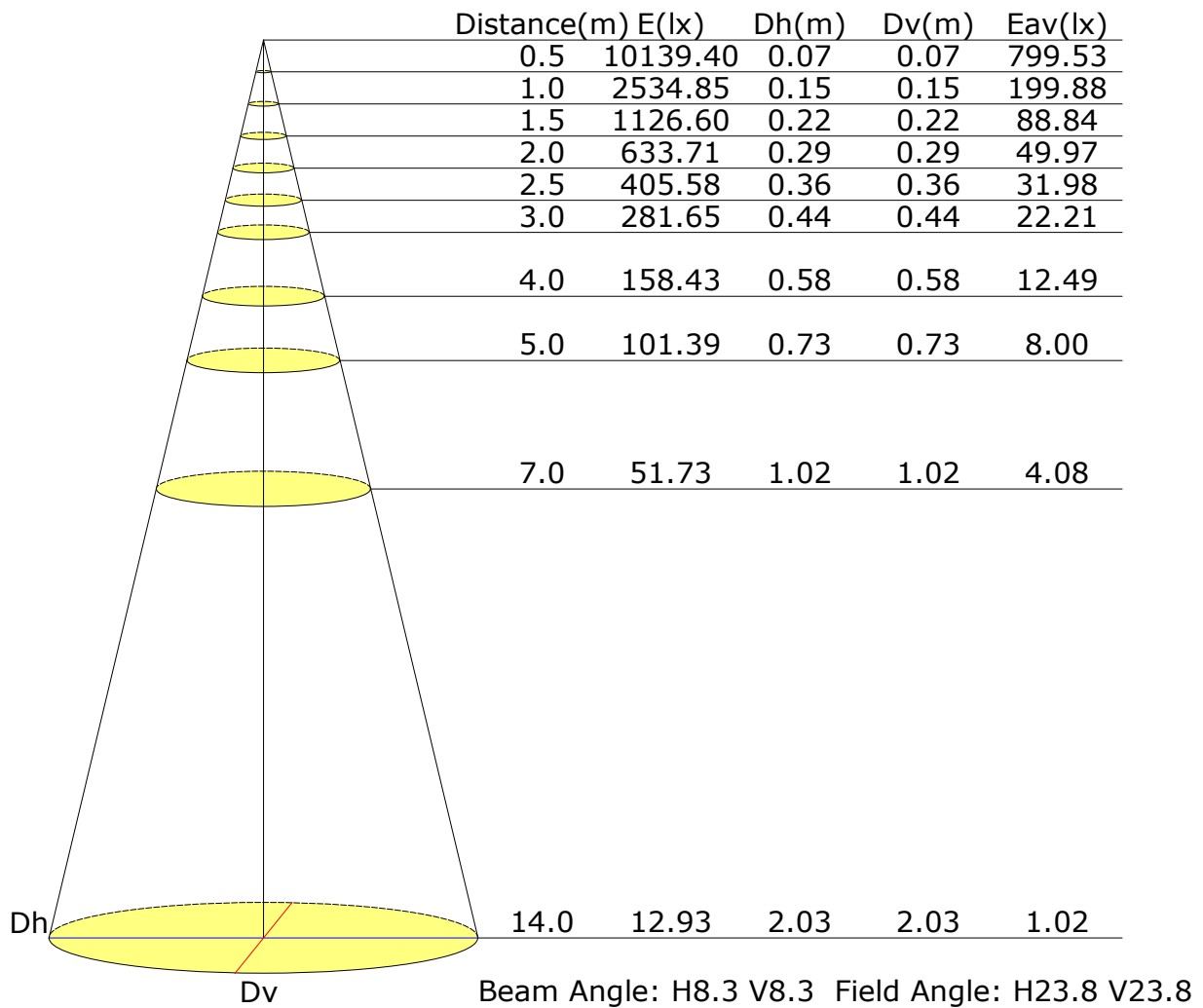
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Illuminance at a Distance



C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

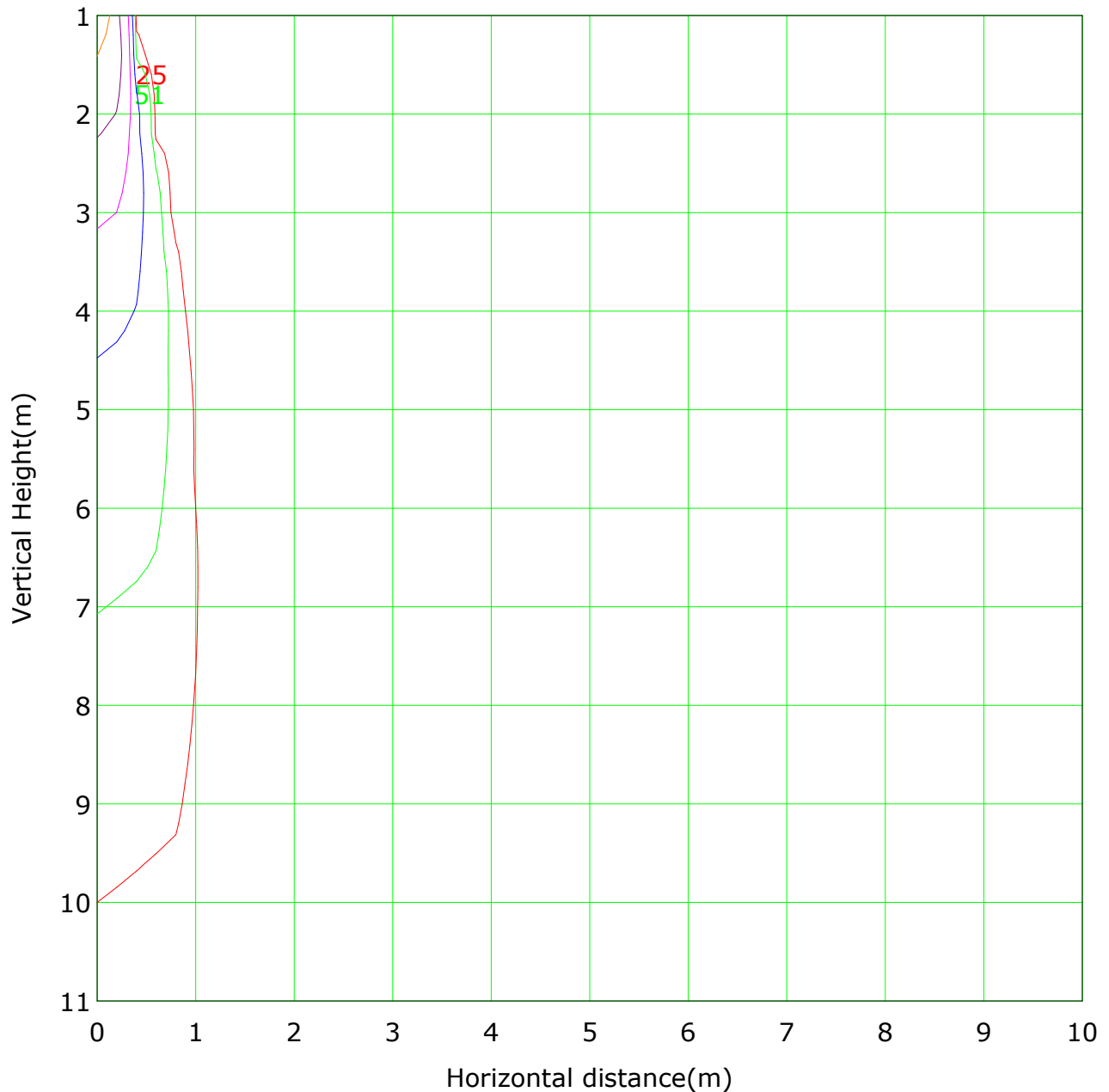
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Vertical IsoLux Plot



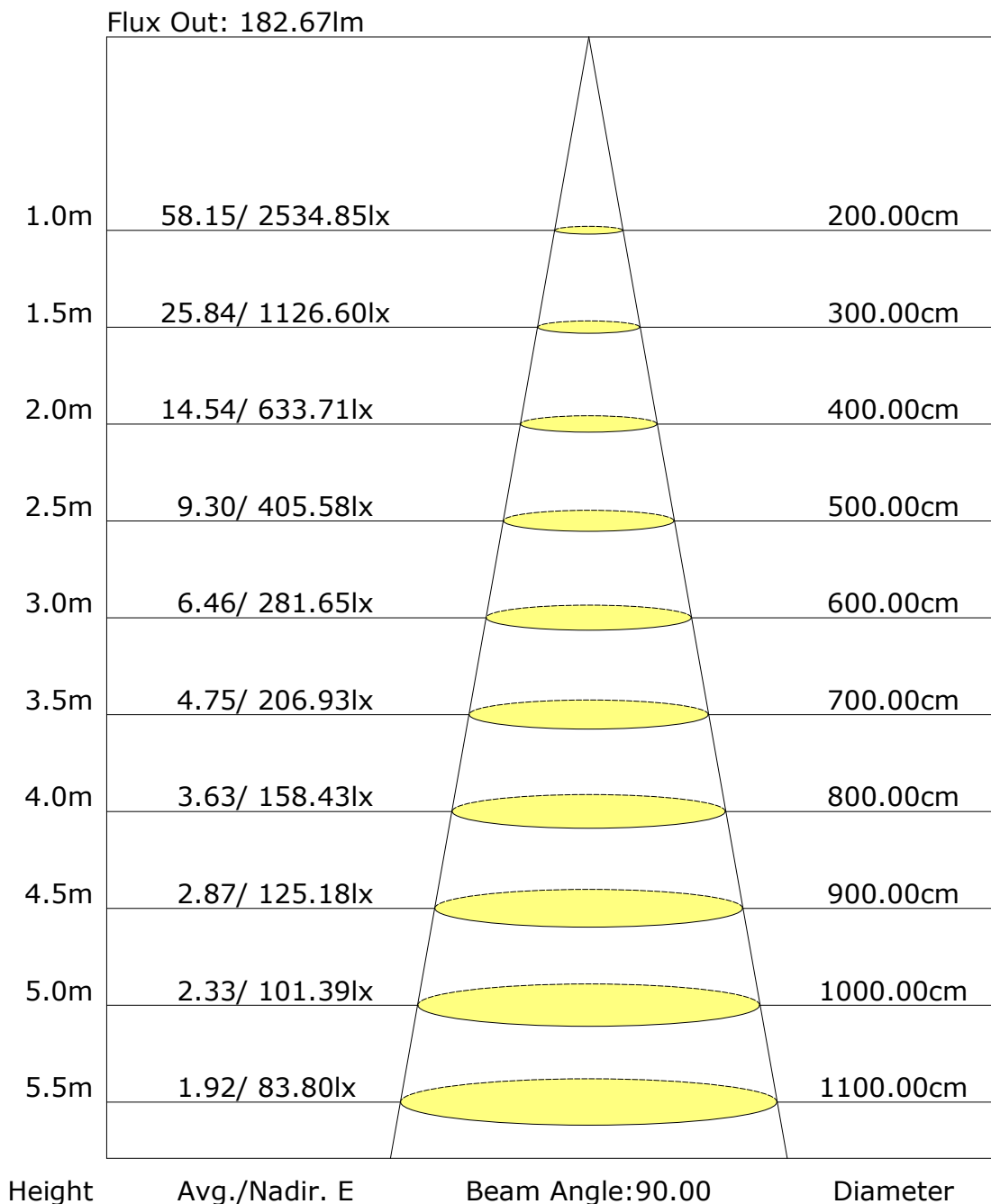
Lowest(m): 1m    Highest(m): 11    Max Lux: 2535

( 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: