

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

## Luminaire Property

Luminaire Category: Bridgelux V4 3000K CRI90

Voltage: 224.3 V

Current: 0.073 A

Power: 9.40 W

Power Factor: 0.573

## Photometric Results

CIE Class: Direct

Measurement Flux: 238.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H38.1

Vertical Diffuse Angle(50%): V38.1

Luminaire Efficacy Rating (LER): 25

Max. Intensity: 505.83 cd

Total Rated Lamp Lumens: 238.1 lm

Efficiency: 100%

Upward Ratio: 0%

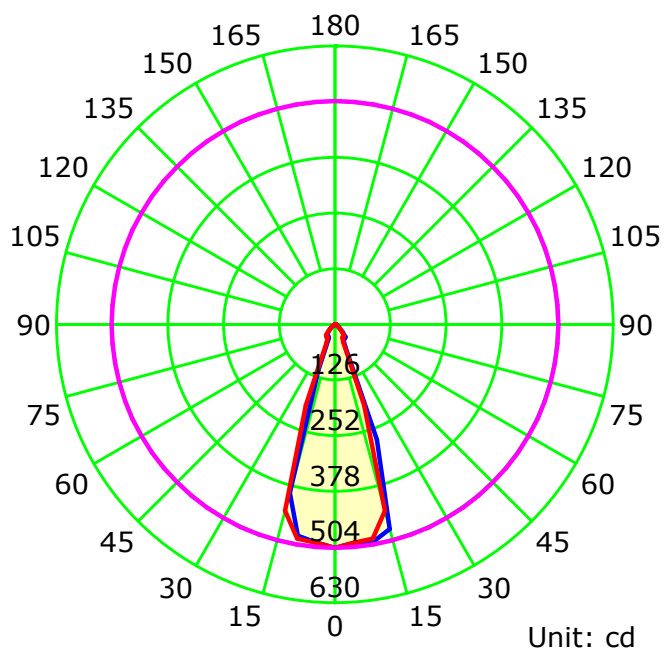
Central Intensity: 505.82 cd

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

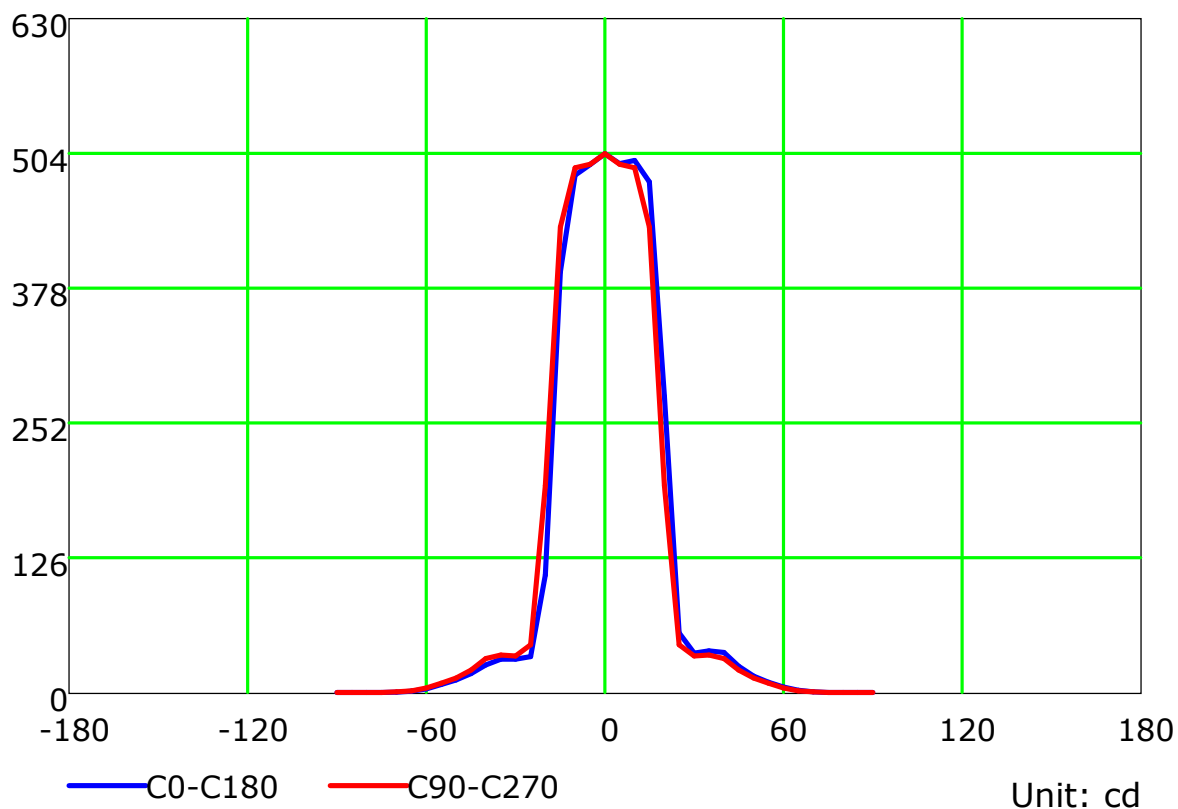
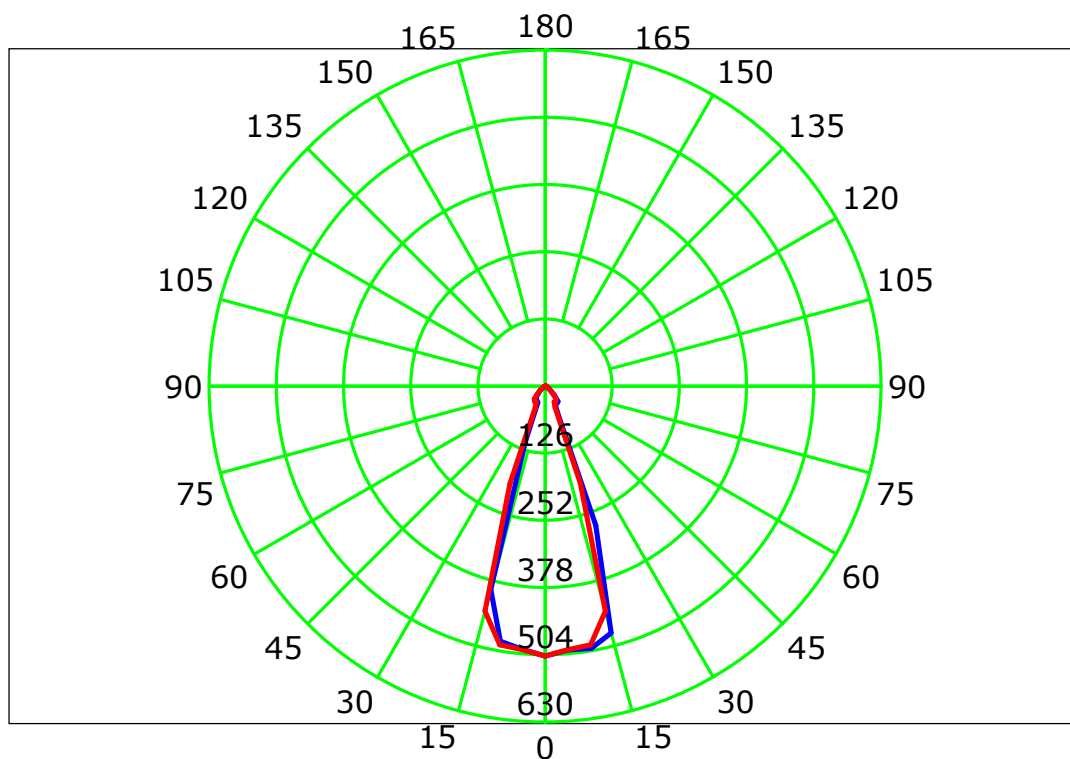
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

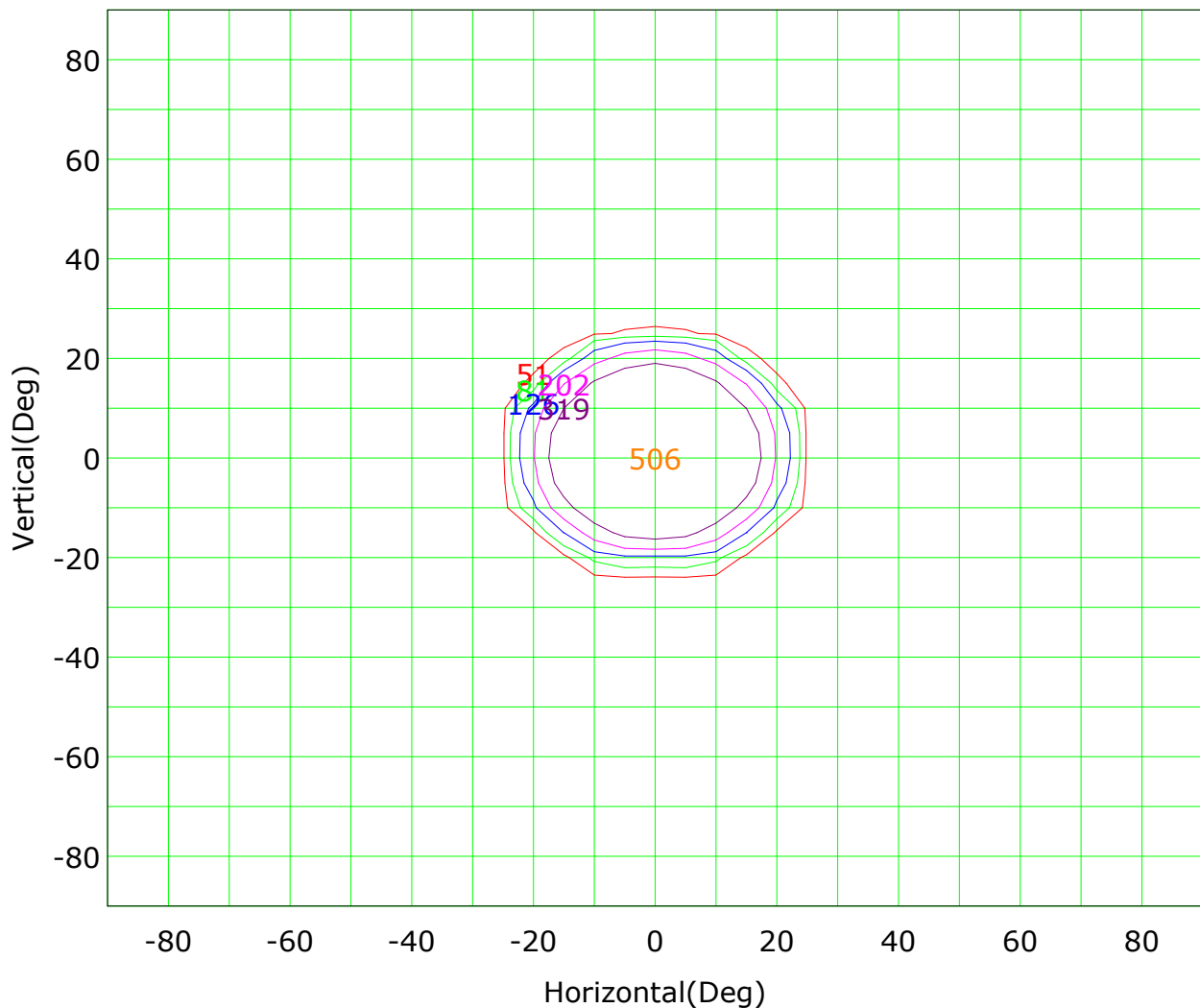
## Luminous Intensity Distribution Curve



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%): 506 cd

( 10%):	51 cd	( 16%):	81 cd
( 25%):	126 cd	( 40%):	202 cd
( 63%):	319 cd	(100%):	506 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

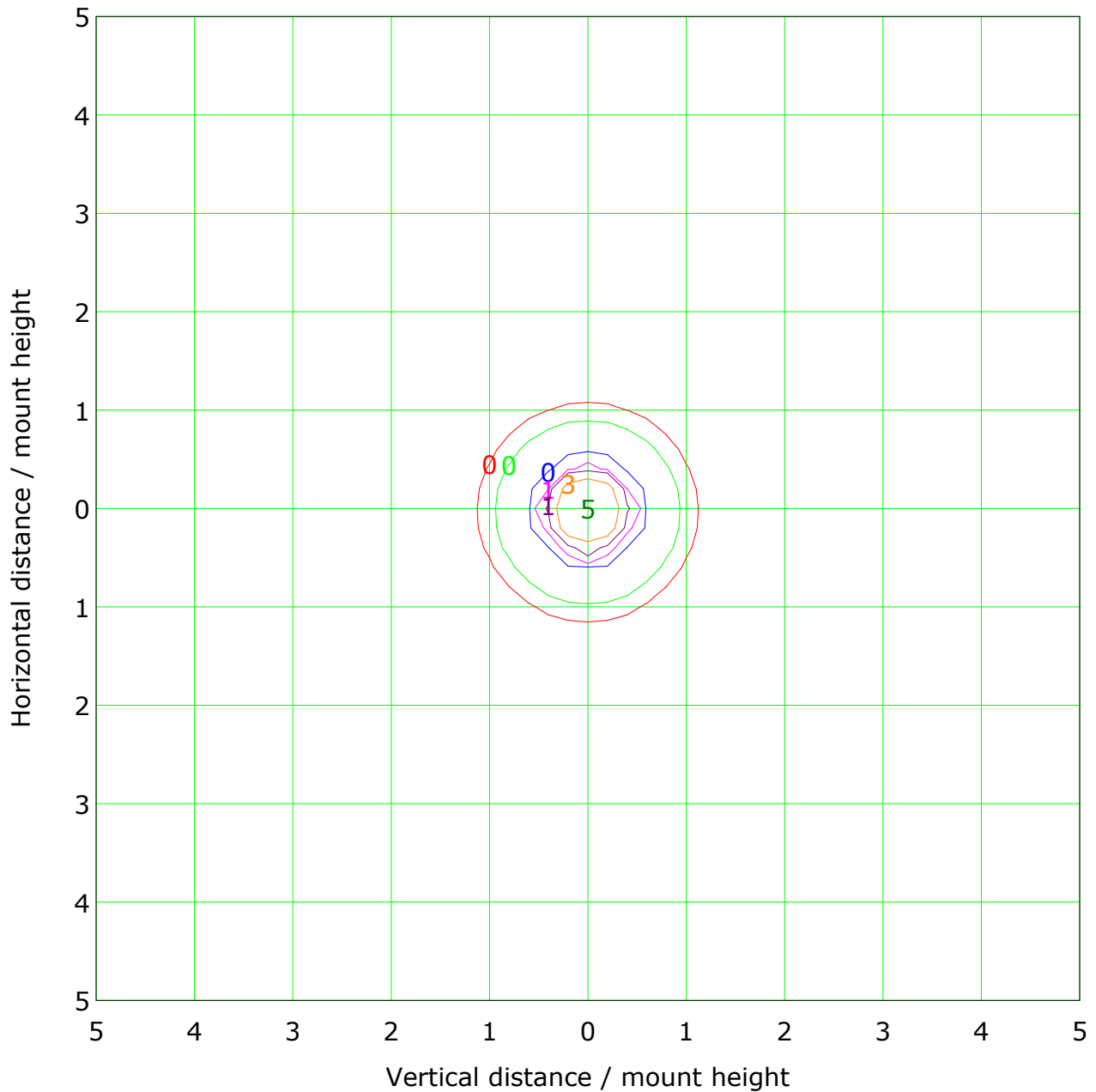
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m Max Lux(100%): 5 lx

( 1%):	0 lx	( 2%):	0 lx
( 5%):	0 lx	( 10%):	1 lx
( 20%):	1 lx	( 50%):	3 lx
(100%):	5 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

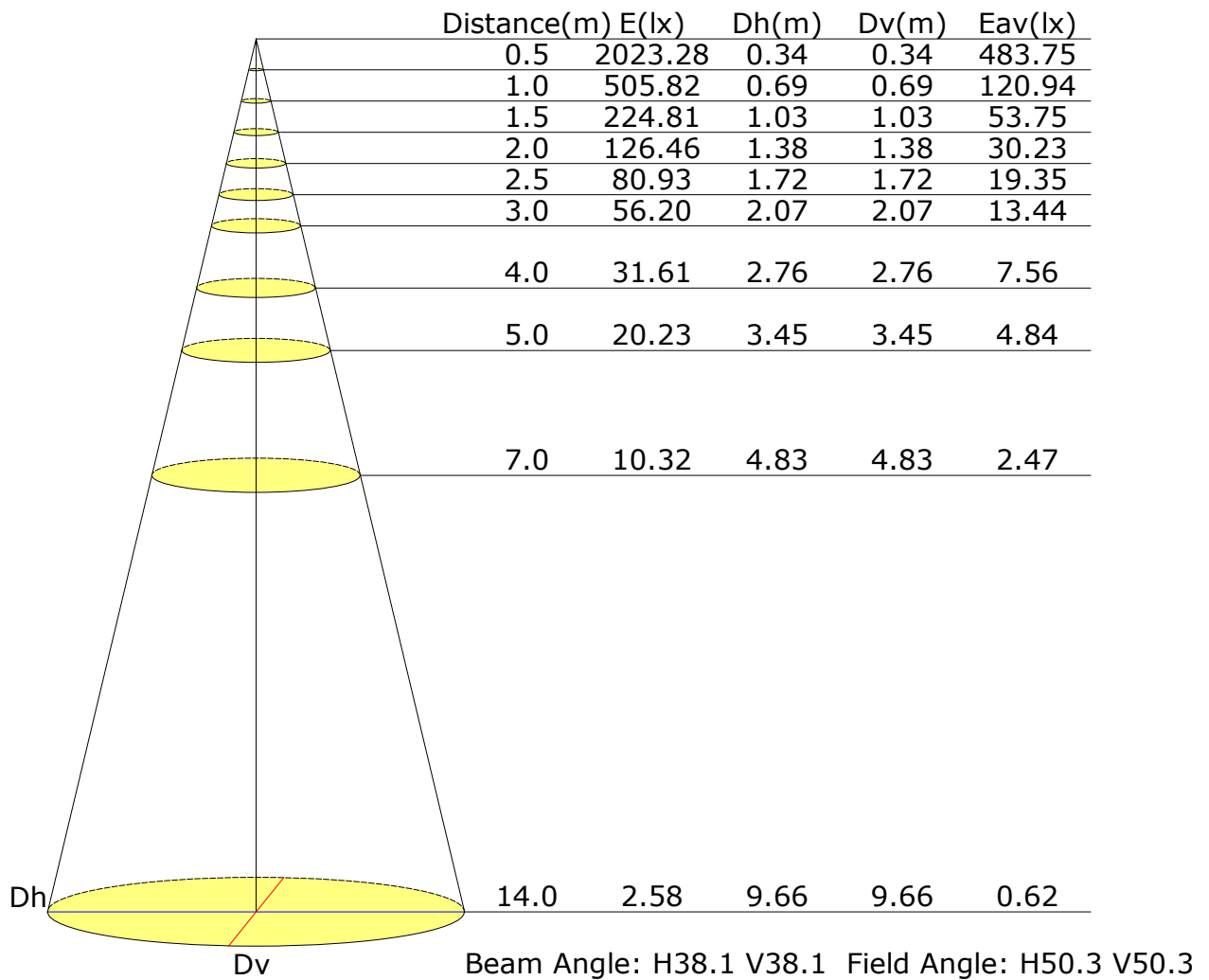
Test Device: CHL-6E

Distance: 3.000 m

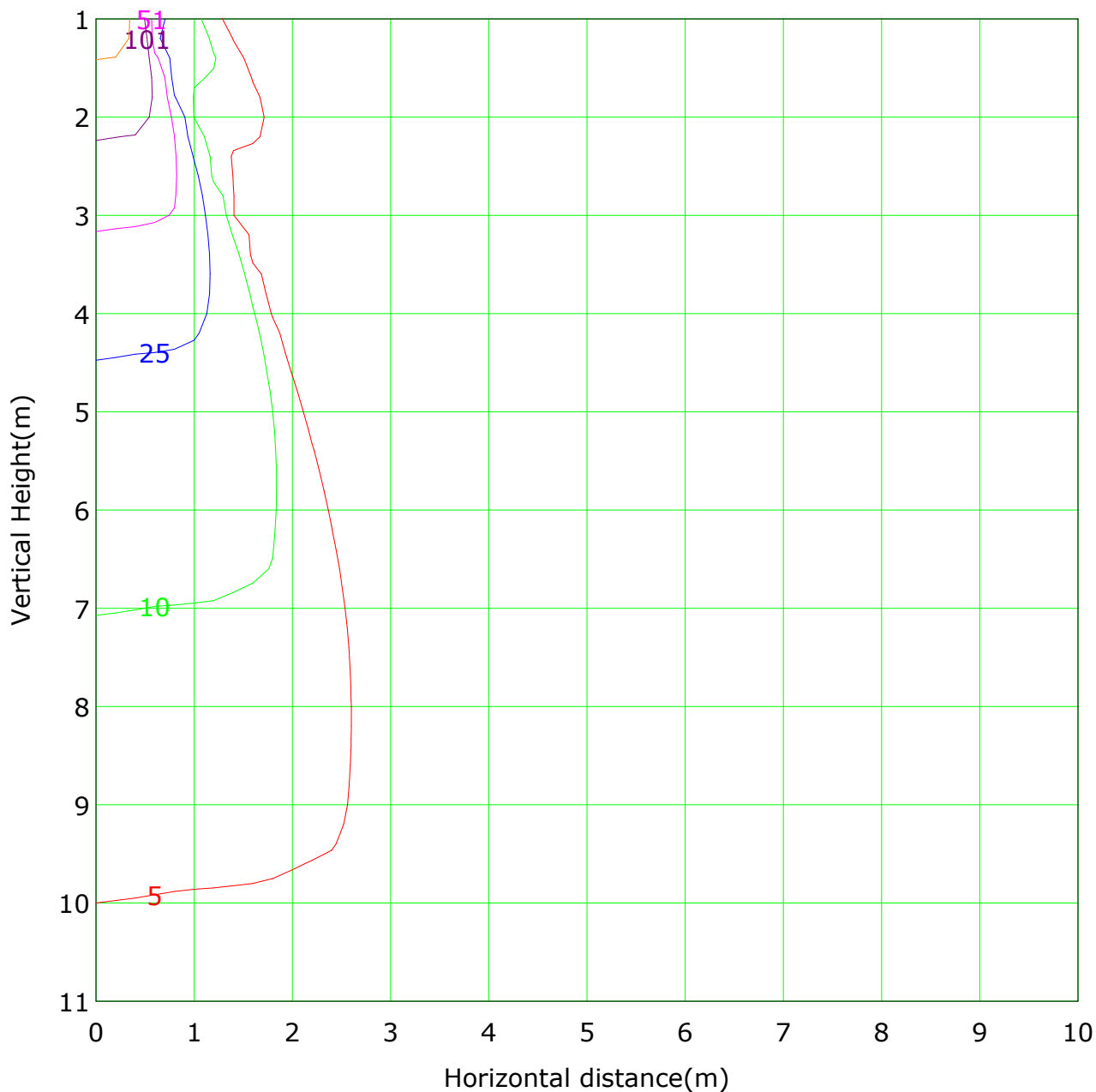
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



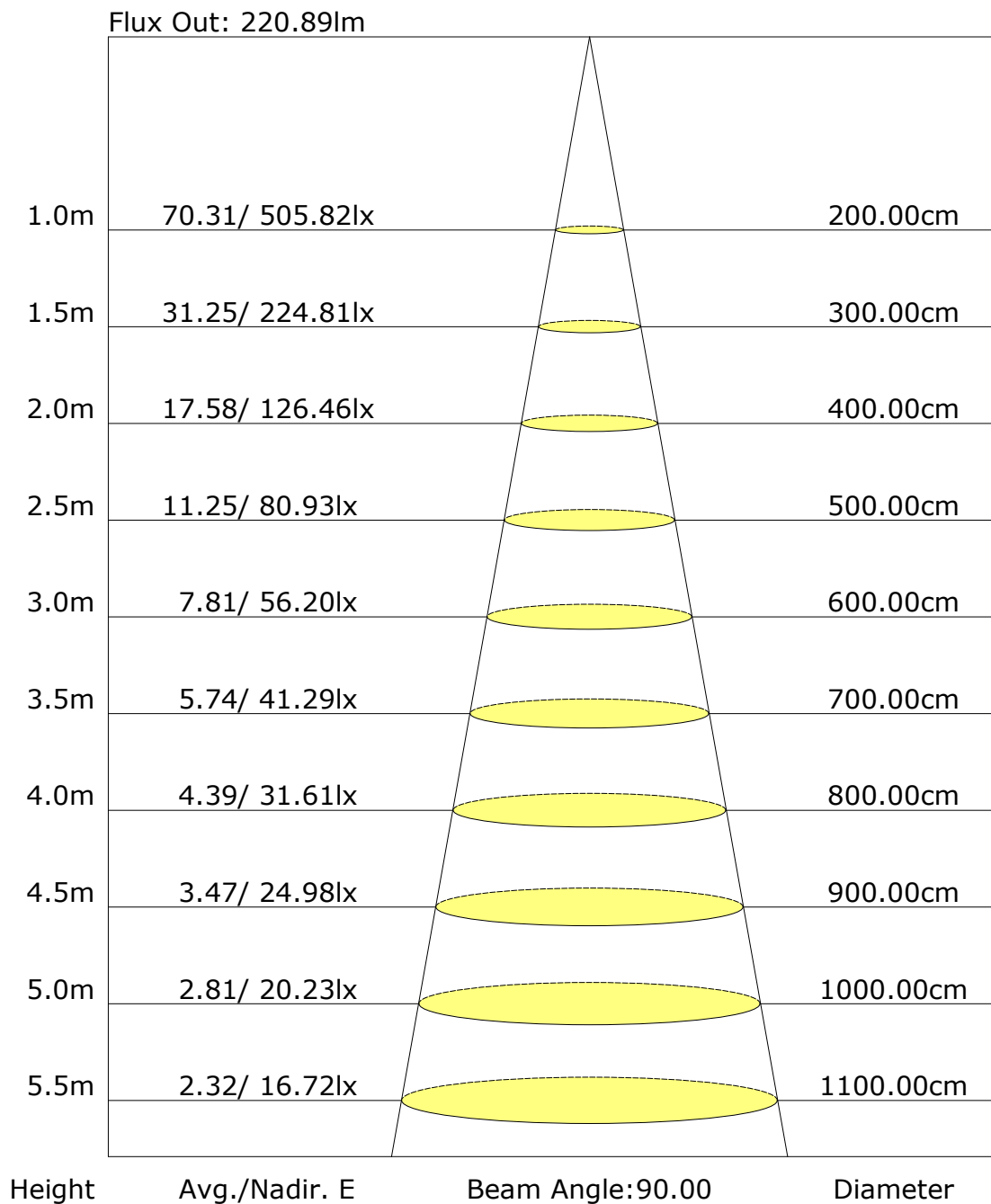
Lowest(m): 1m    Highest(m): 11    Max Lux: 506

( 1%): 5 lx	( 2%): 10 lx
( 5%): 25 lx	( 10%): 51 lx
( 20%): 101 lx	( 50%): 253 lx
(100%): 506 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: