

Report No.: 81.30011 DELTA Pendant Light Test Time: 2023-10-06 15:35

## Luminaire Property

Luminaire Category: Bridgelux V13C F90 3000K CRI90

Voltage: 222.9 V

Current: 0.110 A

Power: 23.80 W

Power Factor: 0.965

## Photometric Results

CIE Class: Direct

Measurement Flux: 3024.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H15.4

Vertical Diffuse Angle(50%): V15.4

Luminaire Efficacy Rating (LER): 127

Max. Intensity: 26166.32 cd

Total Rated Lamp Lumens: 3024.6 lm

Efficiency: 100%

Upward Ratio: 0%

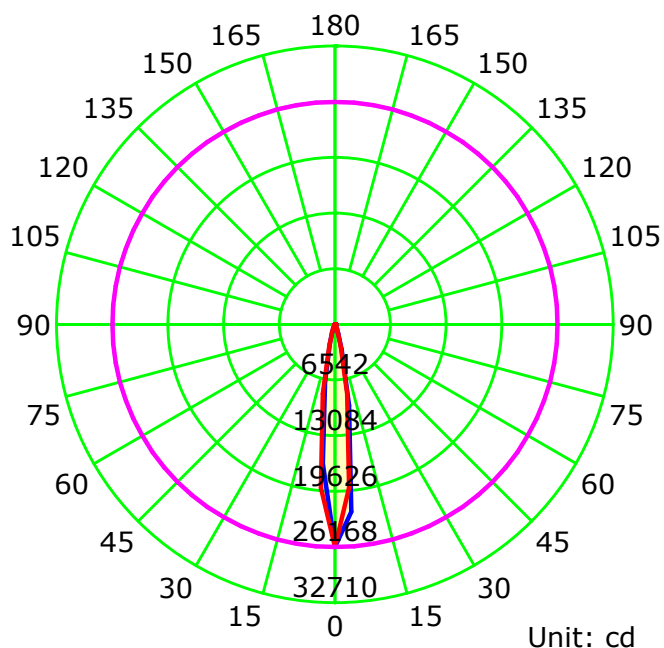
Central Intensity: 26166.31 cd

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

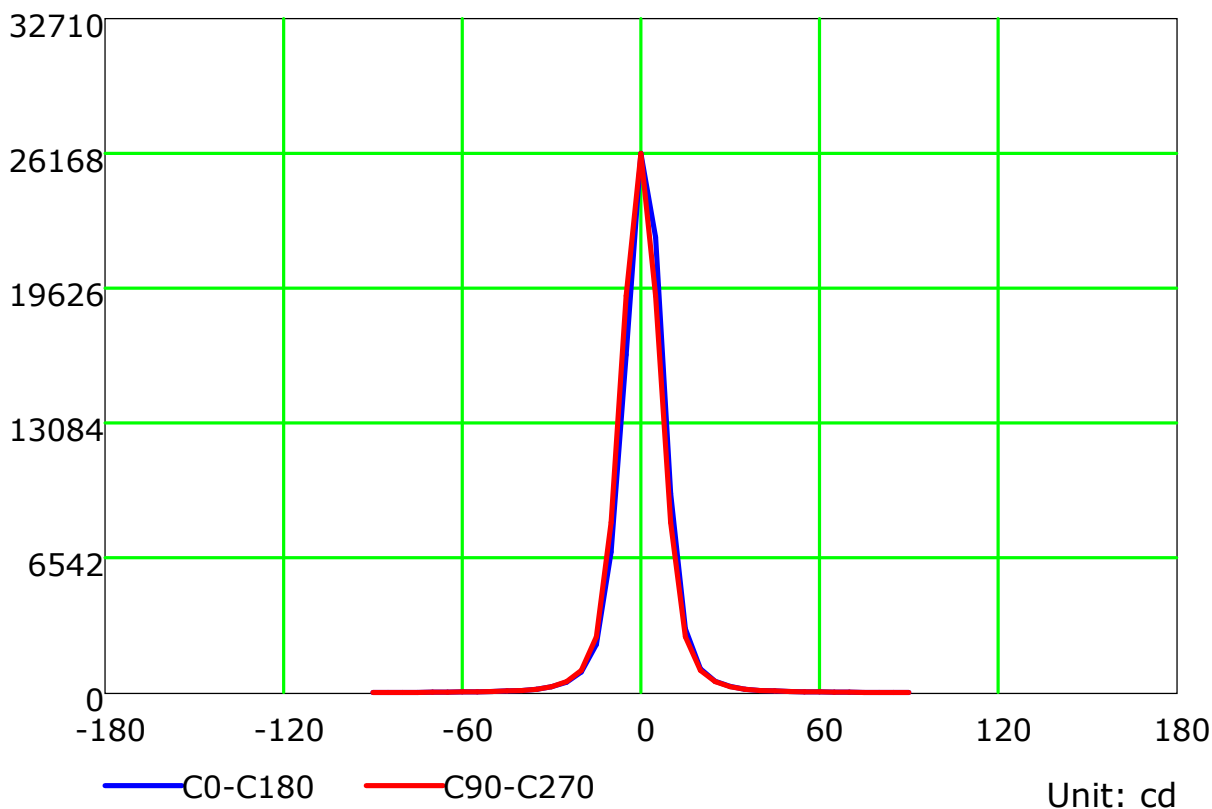
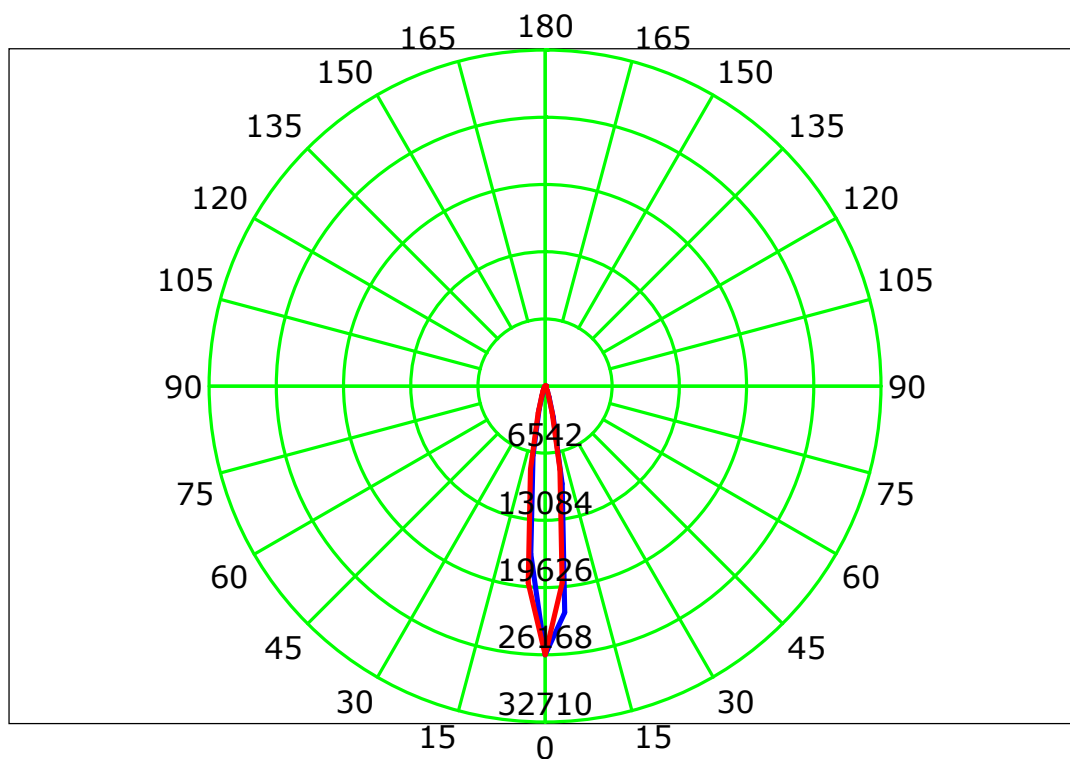
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

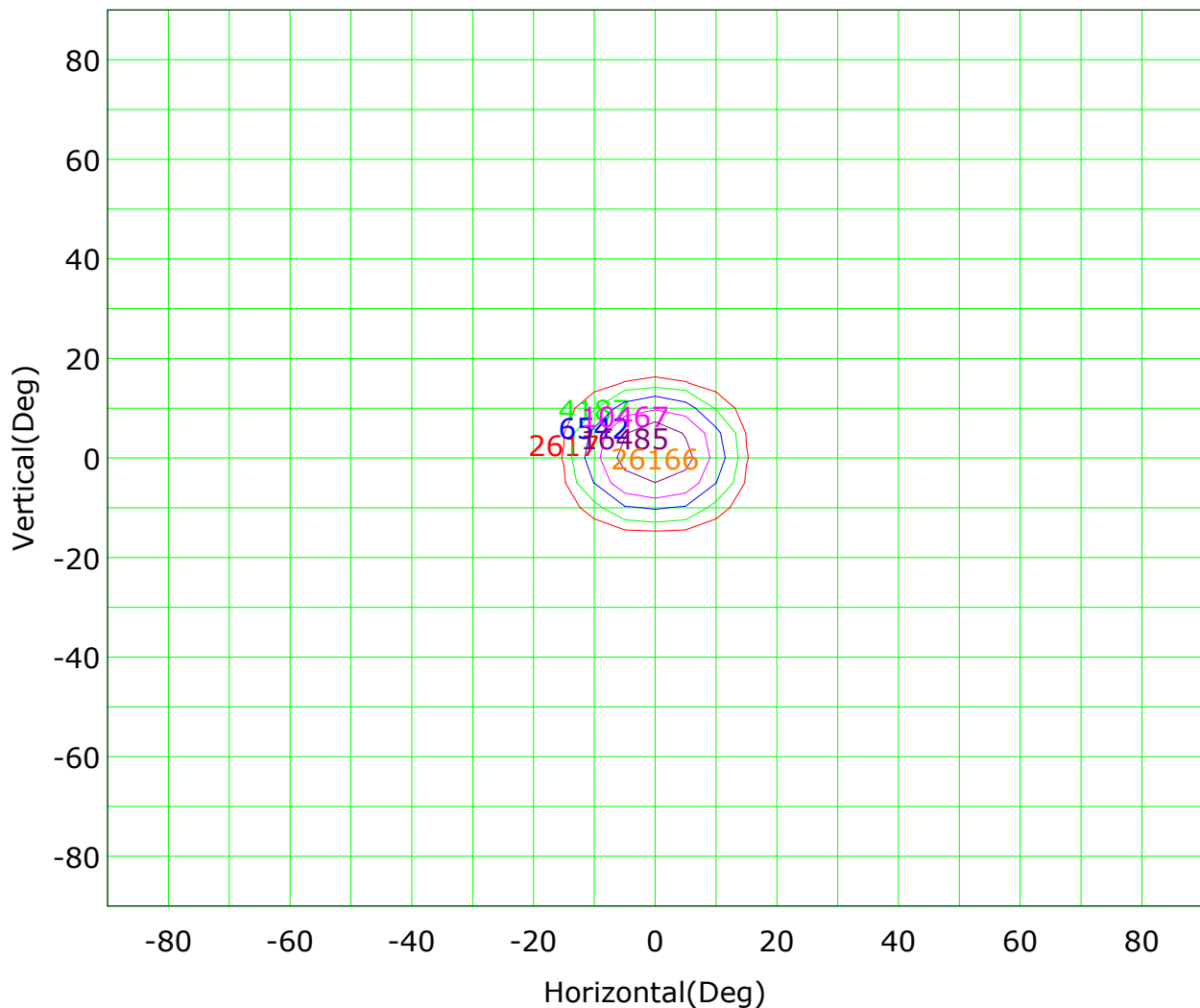
## Luminous Intensity Distribution Curve



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%): 26166 cd

( 10%): 2617 cd	( 16%): 4187 cd
( 25%): 6542 cd	( 40%): 10467 cd
( 63%): 16485 cd	(100%): 26166 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

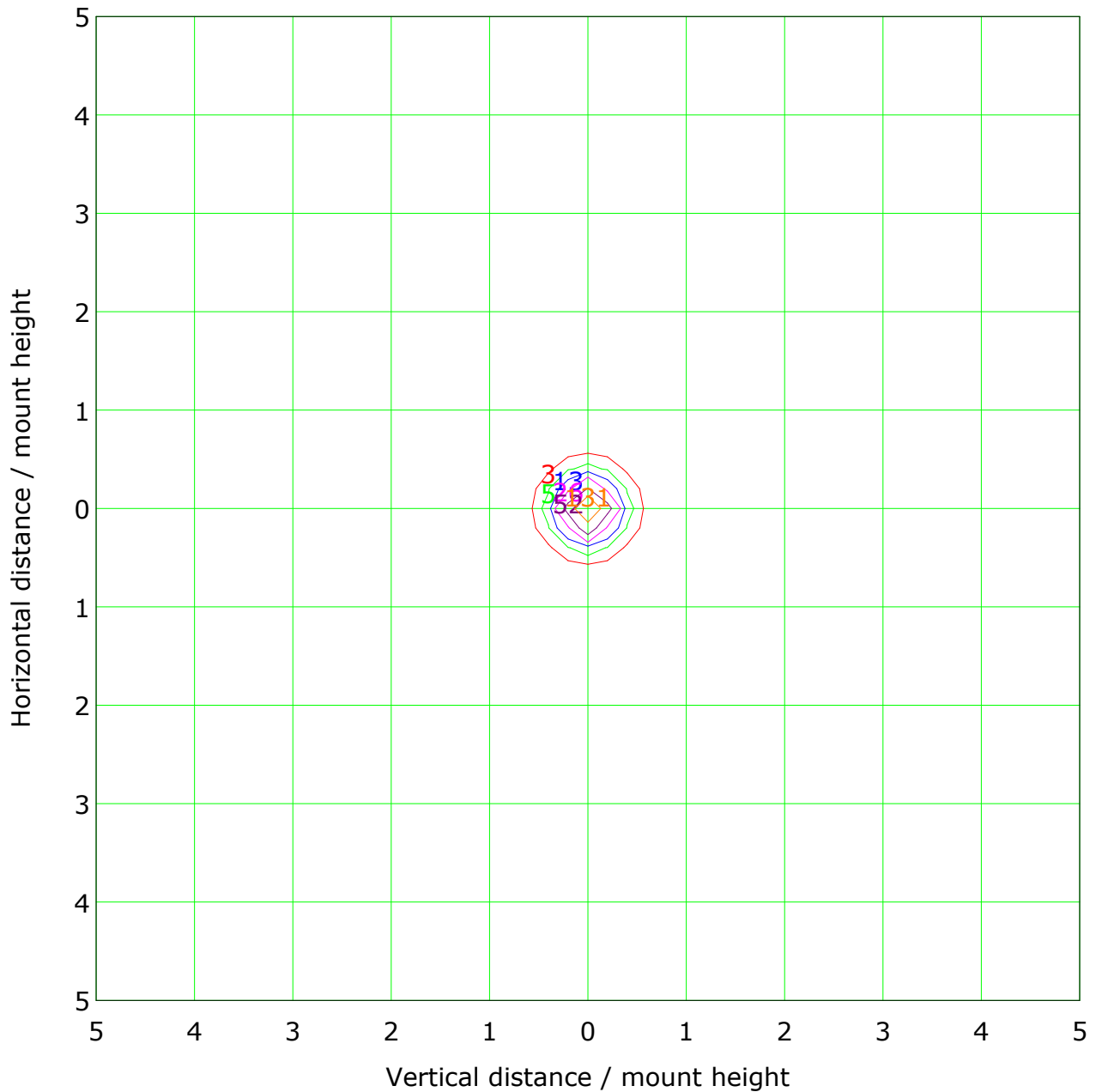
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 262 lx	
— ( 1%):	3 lx	— ( 2%):	5 lx
— ( 5%):	13 lx	— ( 10%):	26 lx
— ( 20%):	52 lx	— ( 50%):	131 lx
— (100%):	262 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

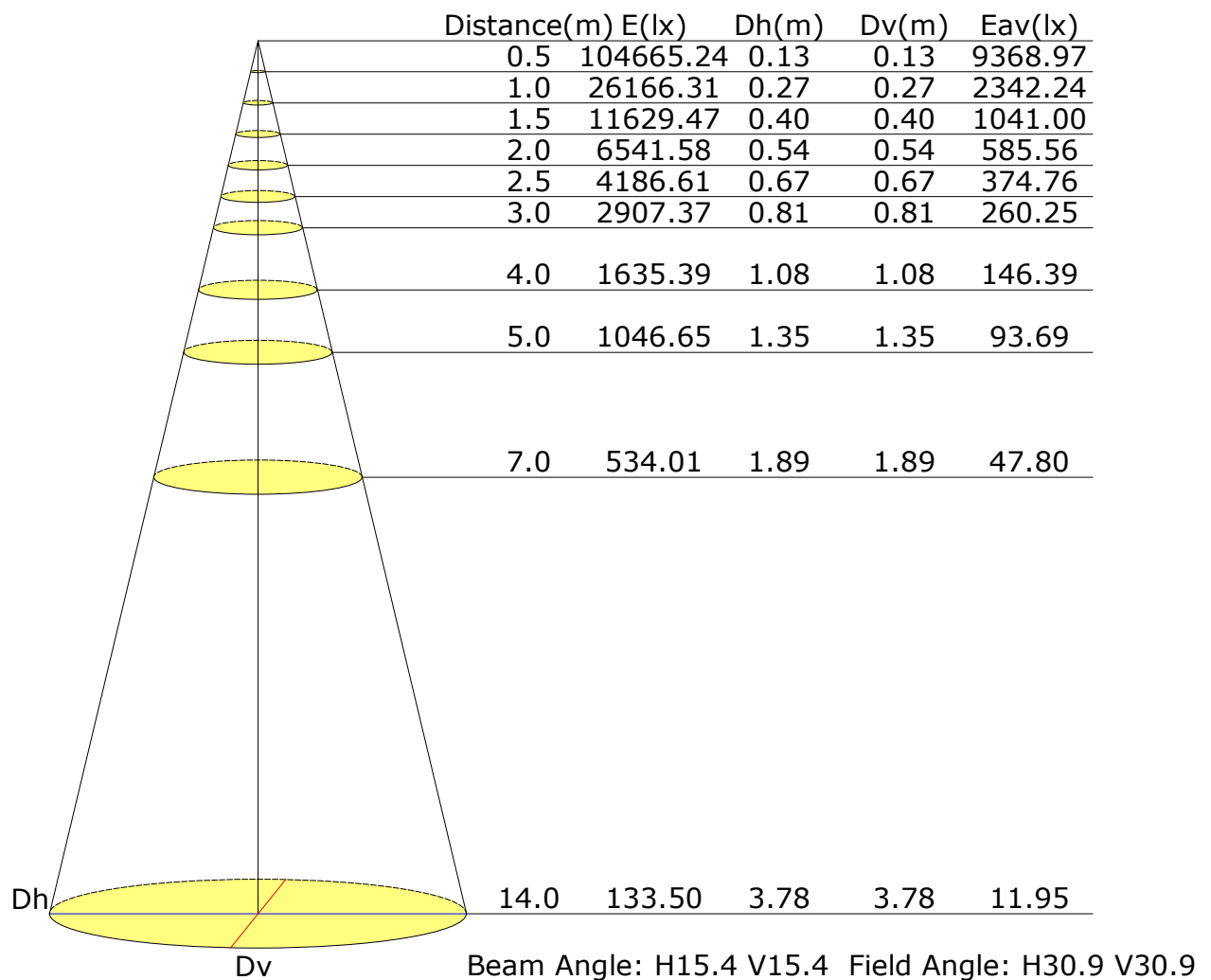
Test Device: CHL-6E

Distance: 3.000 m

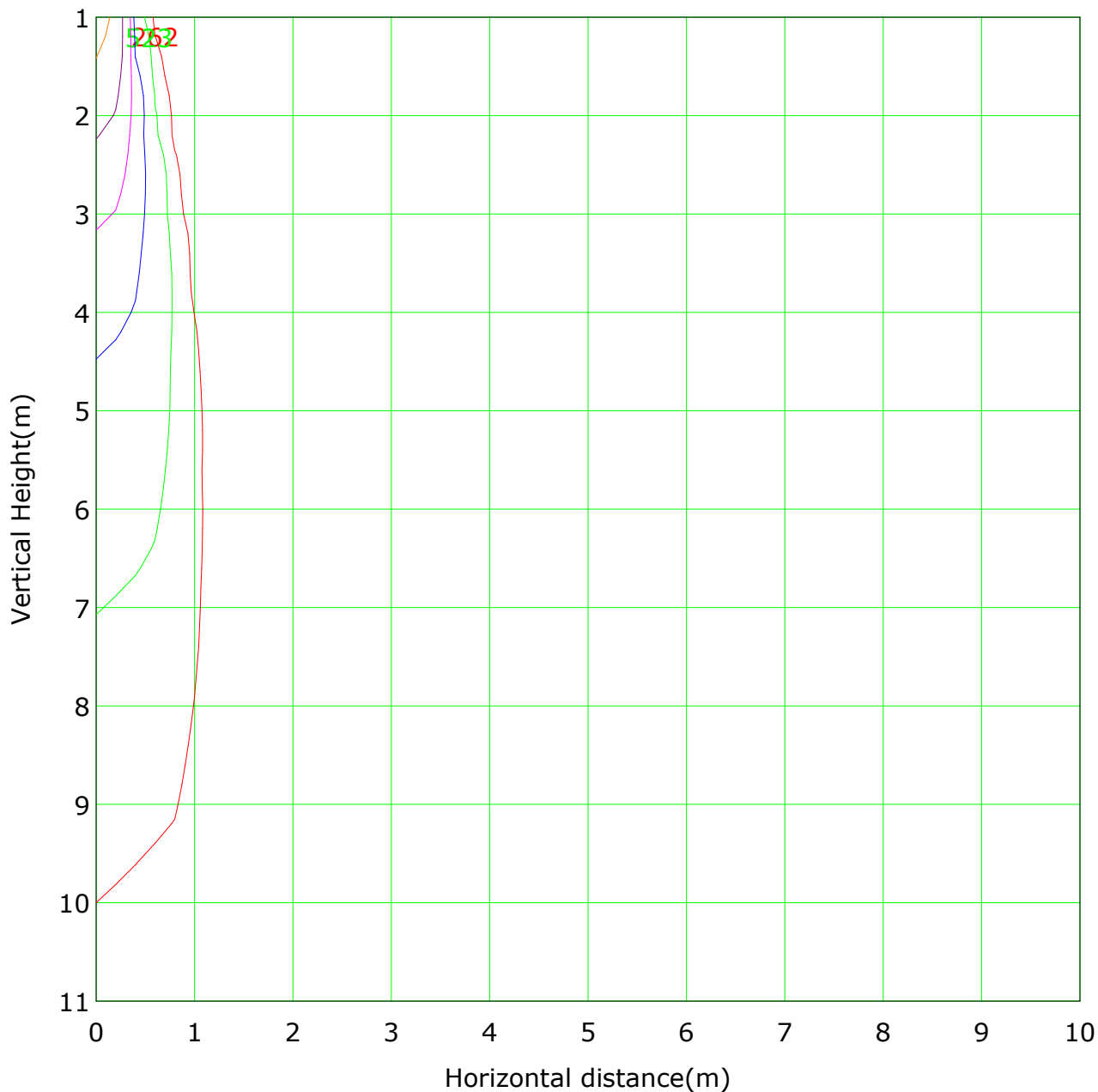
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot

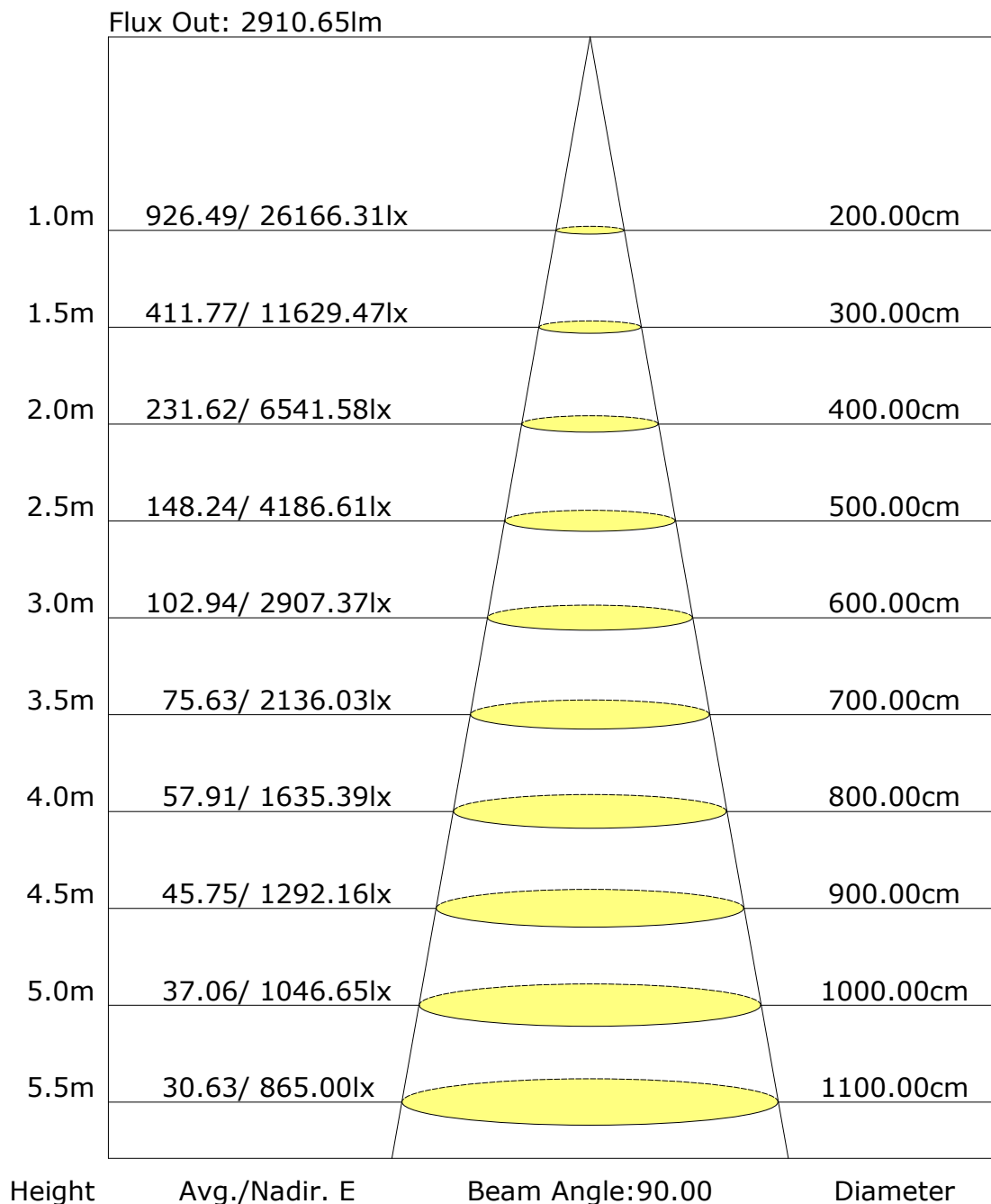


Lowest(m): 1m    Highest(m): 11    Max Lux: 26166  
— ( 1%): 262 lx                      — ( 2%): 523 lx  
— ( 5%): 1308 lx                      — ( 10%): 2617 lx  
— ( 20%): 5233 lx                      — ( 50%): 13083 lx  
— (100%): 26166 lx

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: