

Report No.: 93.06217 RECO Surface Light Test Time: 2023-10-12 18:00

## Luminaire Property

Luminaire Category: Bridgelux V3HD 3000K CRI90

Voltage: 229.9 V

Current: 0.051 A

Power: 6.90 W

Power Factor: 0.583

## Photometric Results

CIE Class: Direct

Measurement Flux: 451.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H34.6

Vertical Diffuse Angle(50%): V34.6

Luminaire Efficacy Rating (LER): 65

Max. Intensity: 1094.97 cd

Total Rated Lamp Lumens: 451.7 lm

Efficiency: 100%

Upward Ratio: 0%

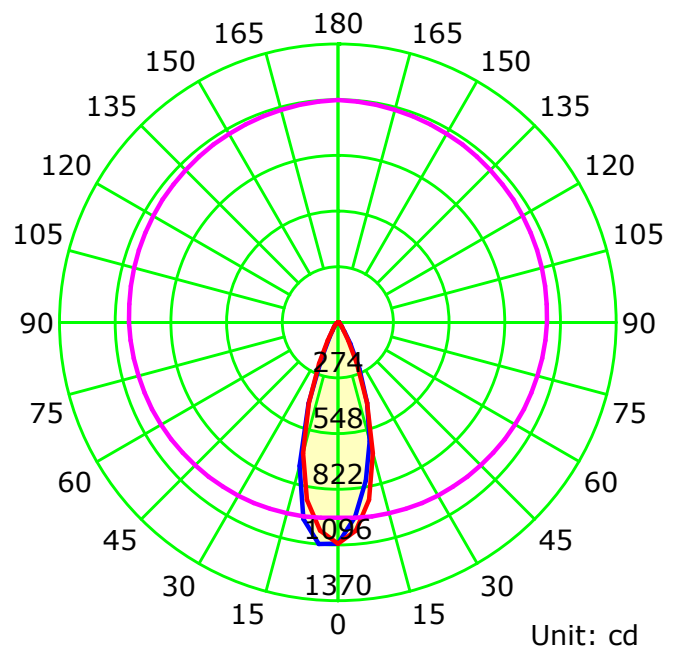
Central Intensity: 1089.12 cd

Pos of Max. Intensity: H180 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G5

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

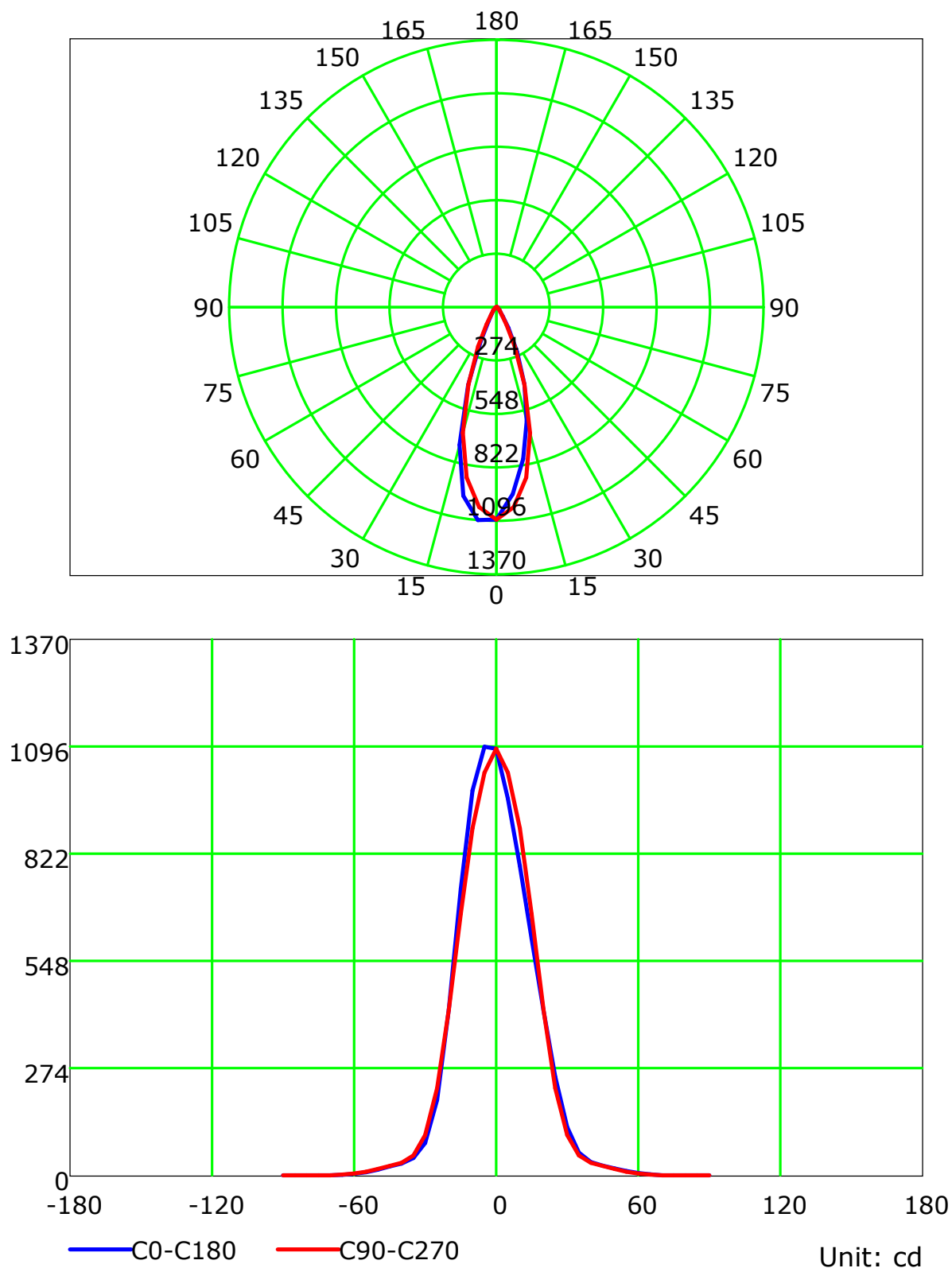
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

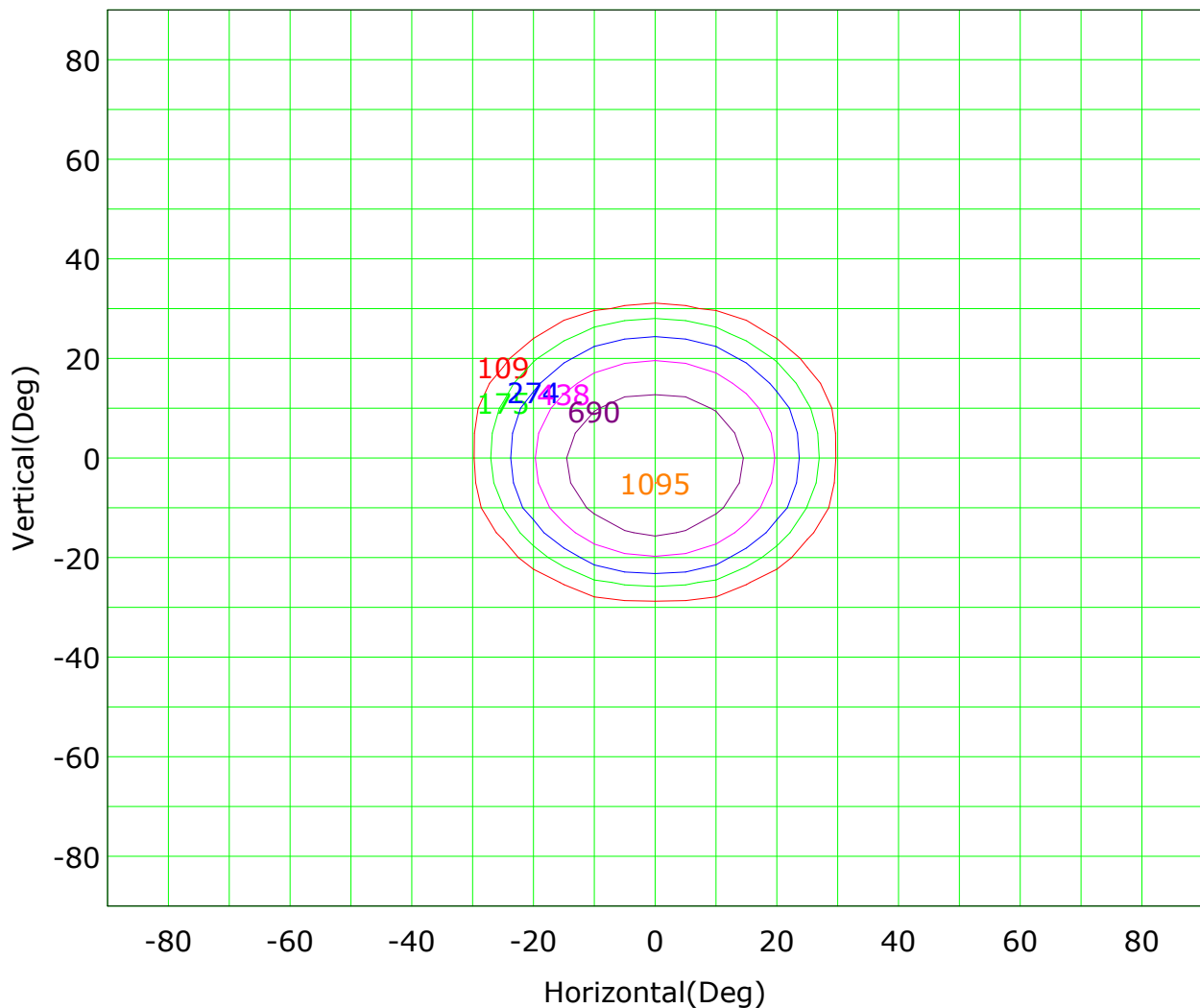
## Luminous Intensity Distribution Curve



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%): 1095 cd

( 10%): 109 cd	( 16%): 175 cd
( 25%): 274 cd	( 40%): 438 cd
( 63%): 690 cd	(100%): 1095 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

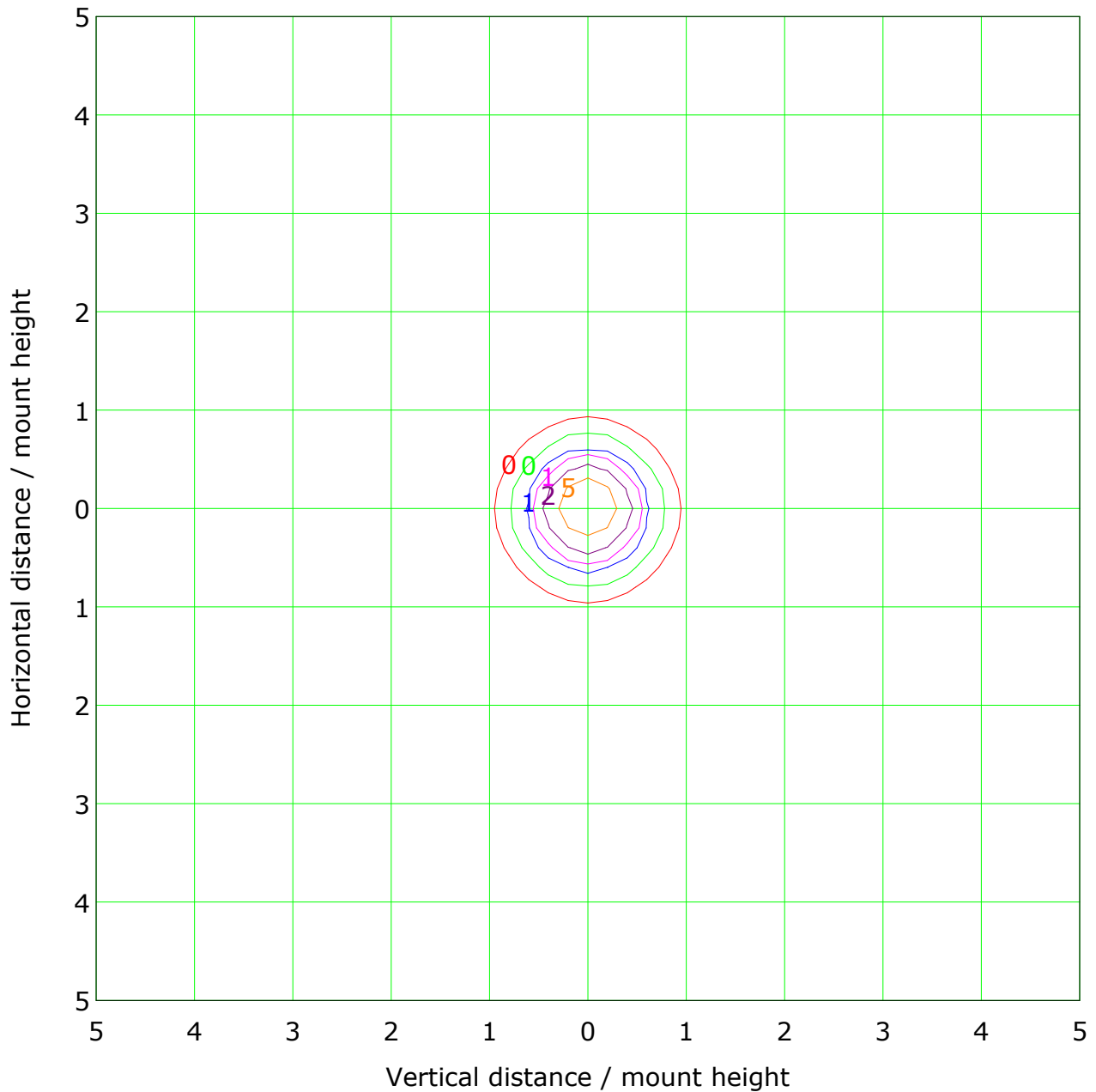
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m    Max Lux(100%): 11 lx			
— ( 1%):	0 lx	— ( 2%):	0 lx
— ( 5%):	1 lx	— ( 10%):	1 lx
— ( 20%):	2 lx	— ( 50%):	5 lx
— (100%):	11 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

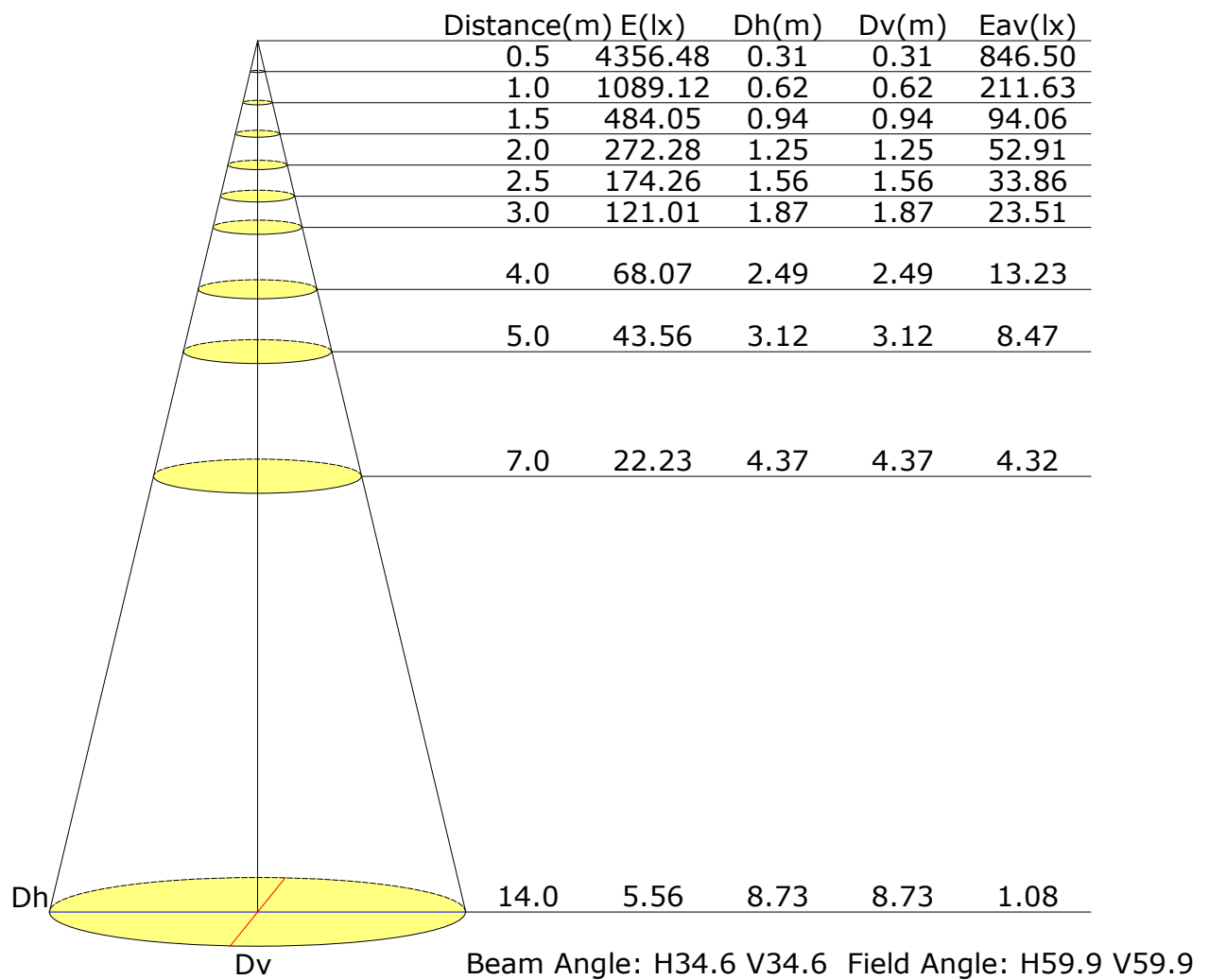
Test Device: CHL-6E

Distance: 3.000 m

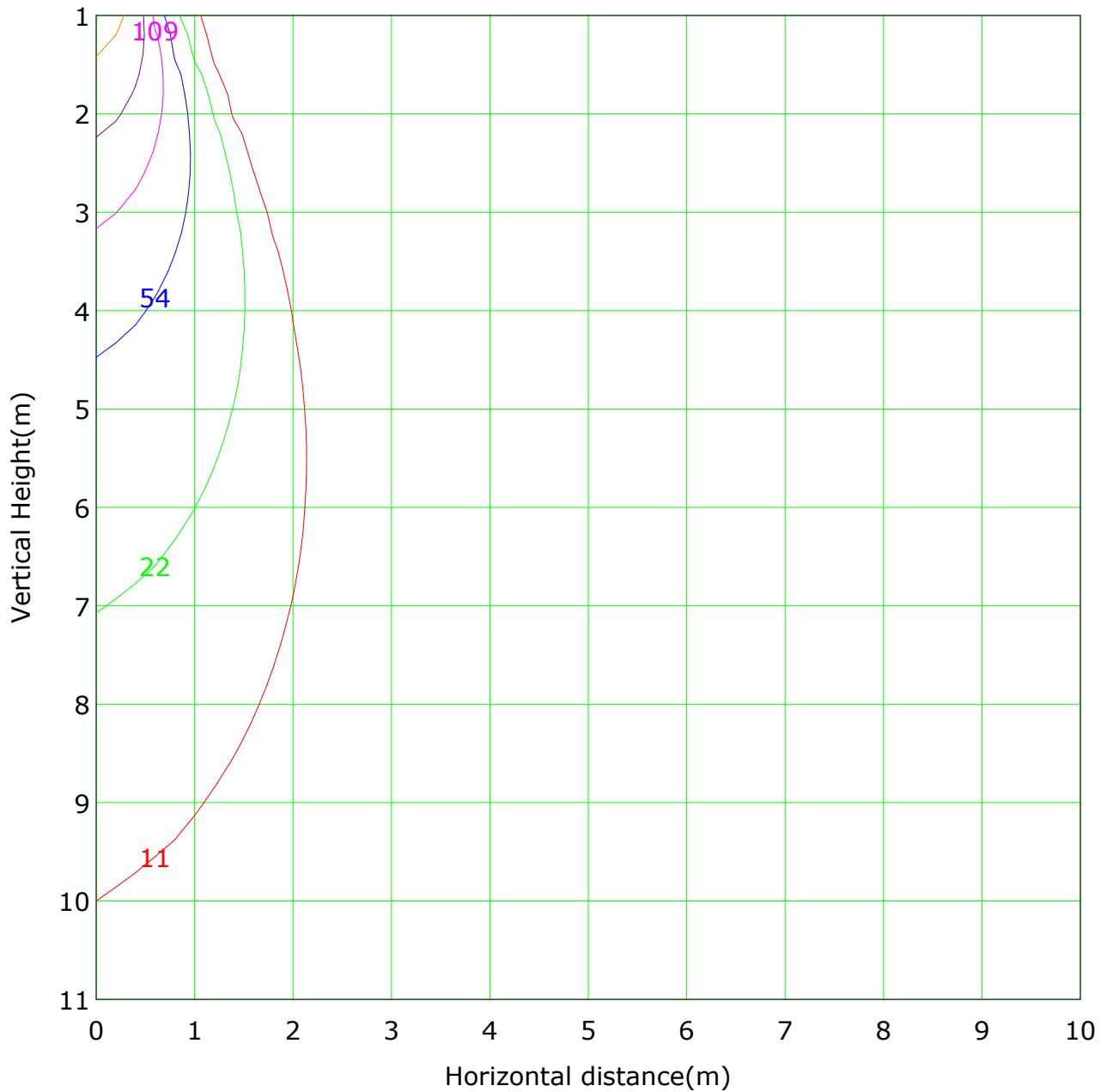
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



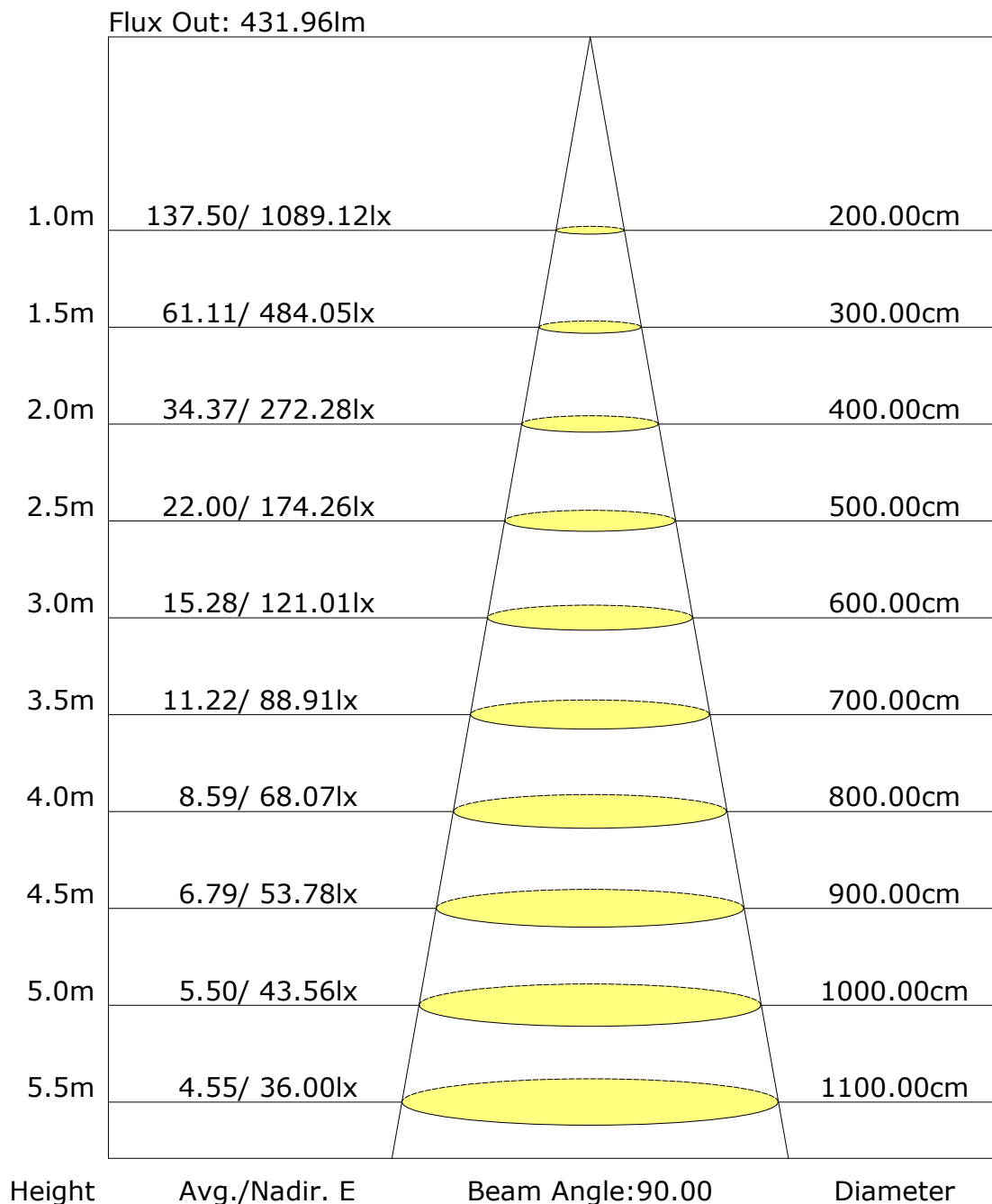
Lowest(m): 1m    Highest(m): 11    Max Lux: 1089

( 1%): 11 lx	( 2%): 22 lx
( 5%): 54 lx	( 10%): 109 lx
( 20%): 218 lx	( 50%): 545 lx
(100%): 1089 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: