

Report No.: 62.04536 FOS Tracklight

Test Time: 2023-09-19 13:51

## Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Voltage: 222.6 V

Current: 0.116 A

Power: 14.40 W

Power Factor: 0.559

## Photometric Results

CIE Class: Direct

Measurement Flux: 798.4 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H20.5

Vertical Diffuse Angle(50%): V20.5

Luminaire Efficacy Rating (LER): 55

Max. Intensity: 4357 cd

Total Rated Lamp Lumens: 798.4 lm

Efficiency: 100%

Upward Ratio: 0%

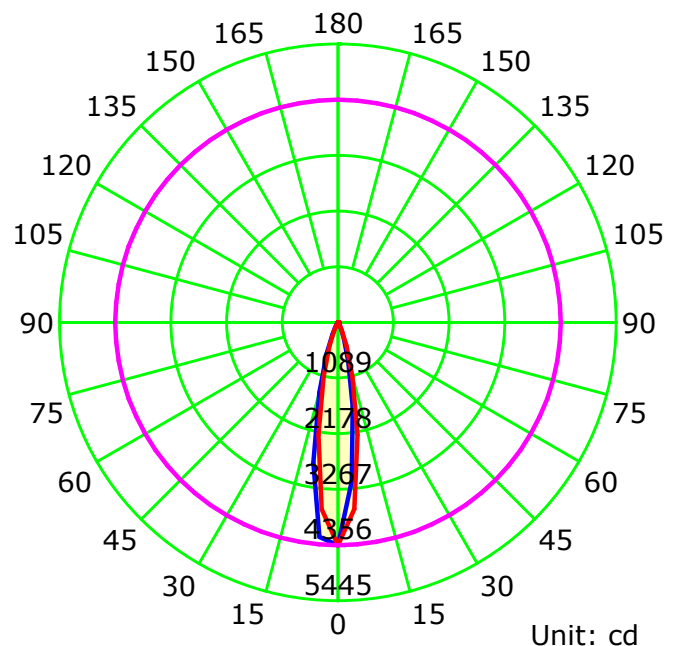
Central Intensity: 4357 cd

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

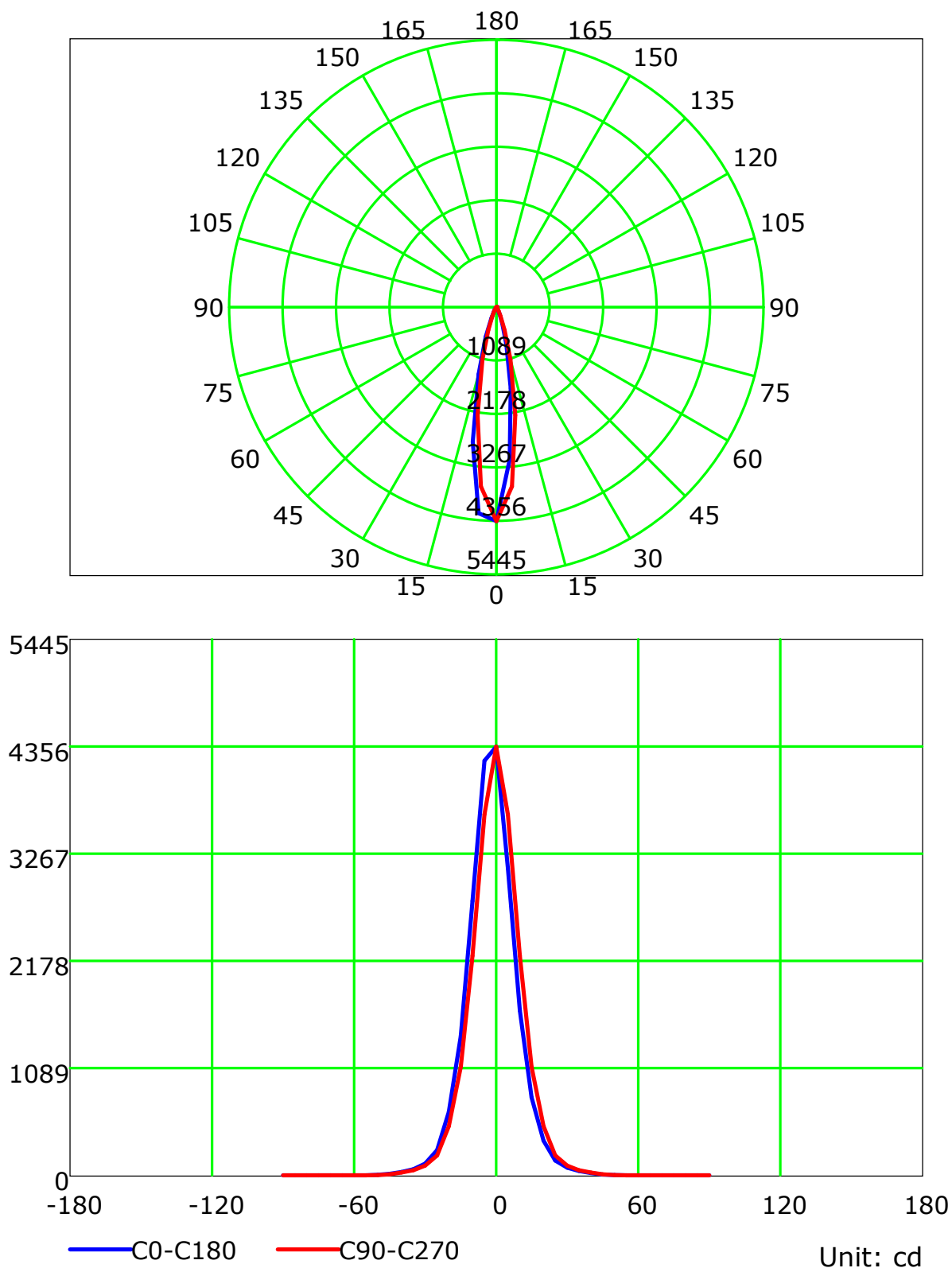
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

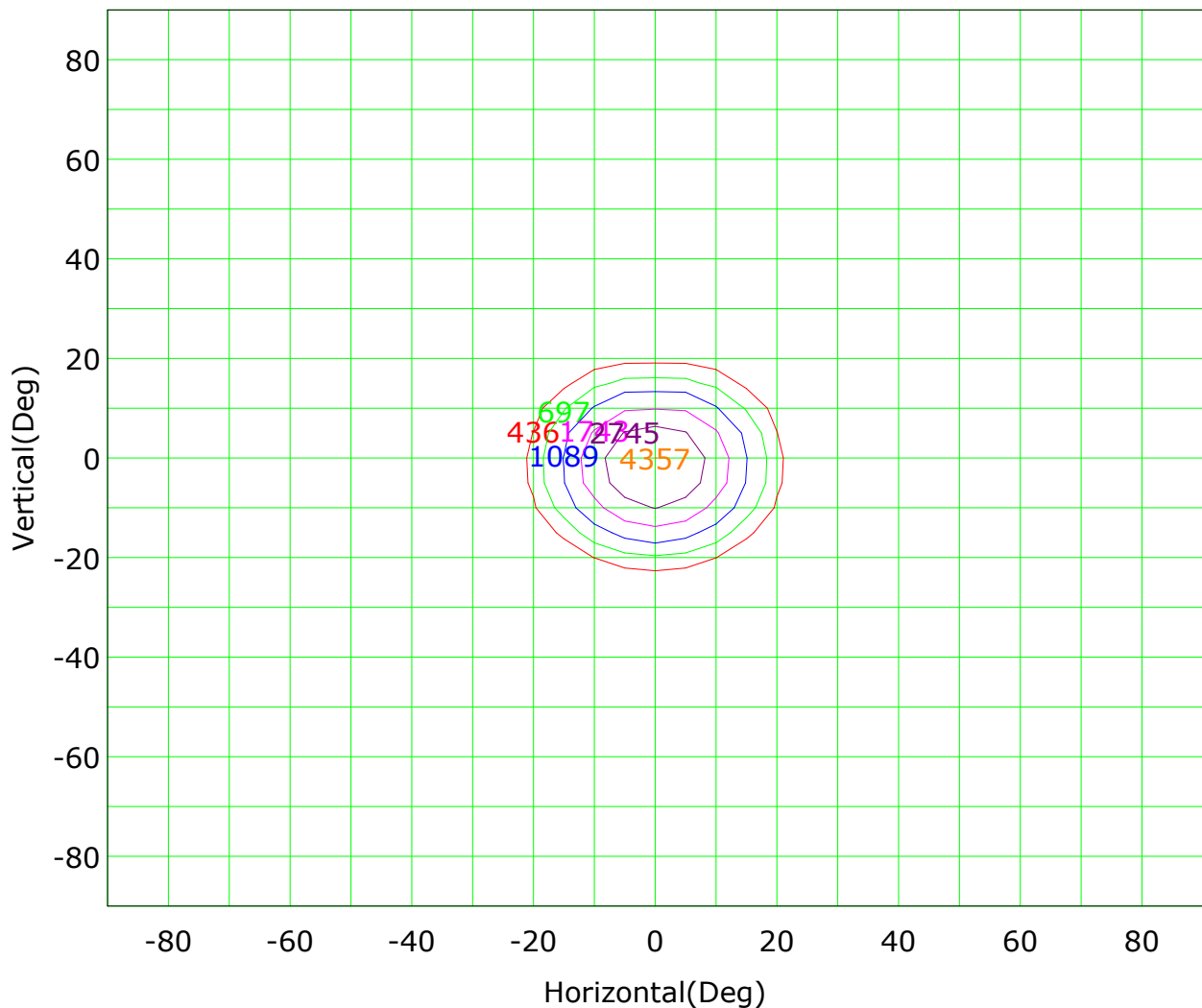
## Luminous Intensity Distribution Curve



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%): 4357 cd

( 10%): 436 cd	( 16%): 697 cd
( 25%): 1089 cd	( 40%): 1743 cd
( 63%): 2745 cd	(100%): 4357 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

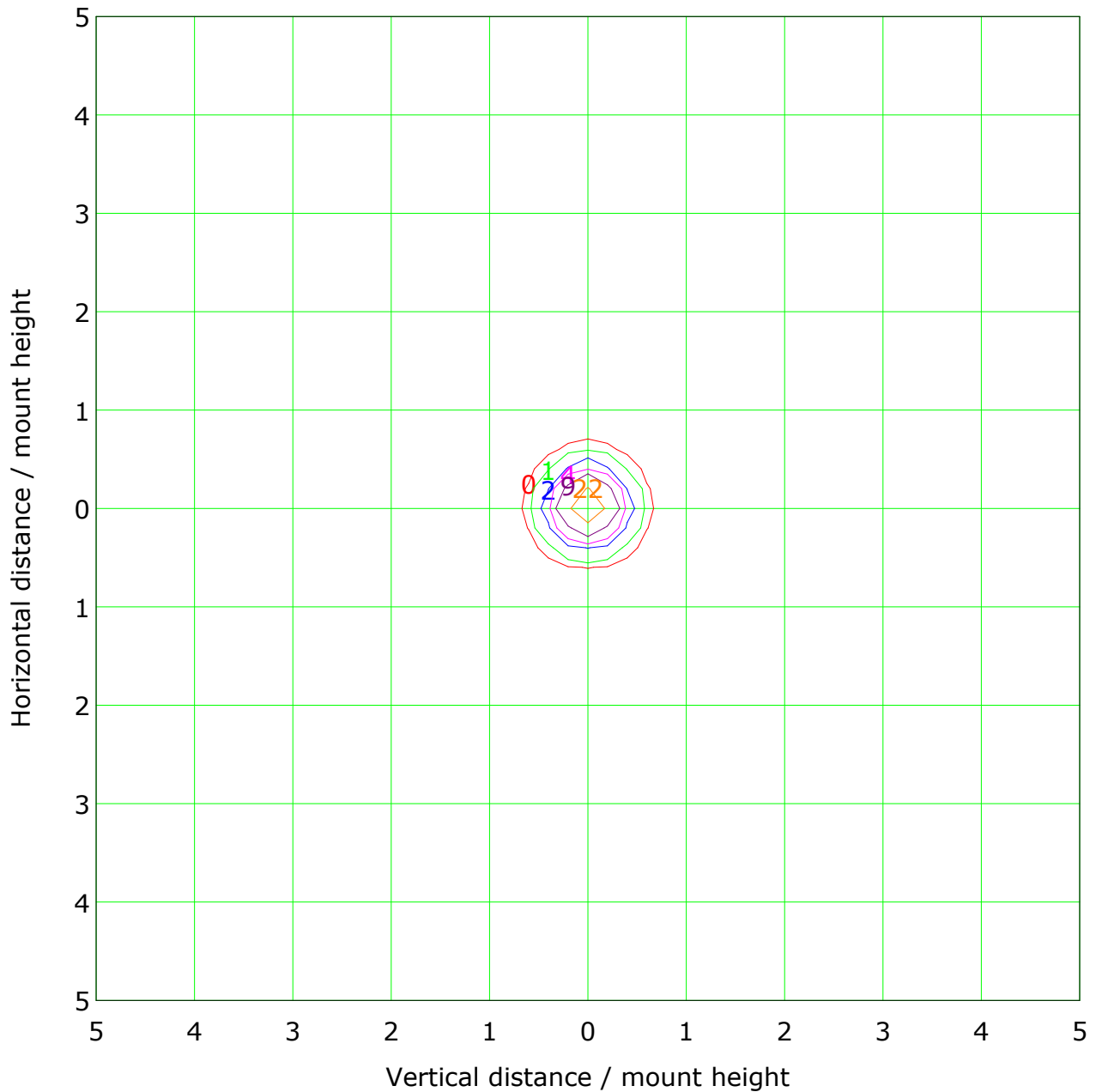
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

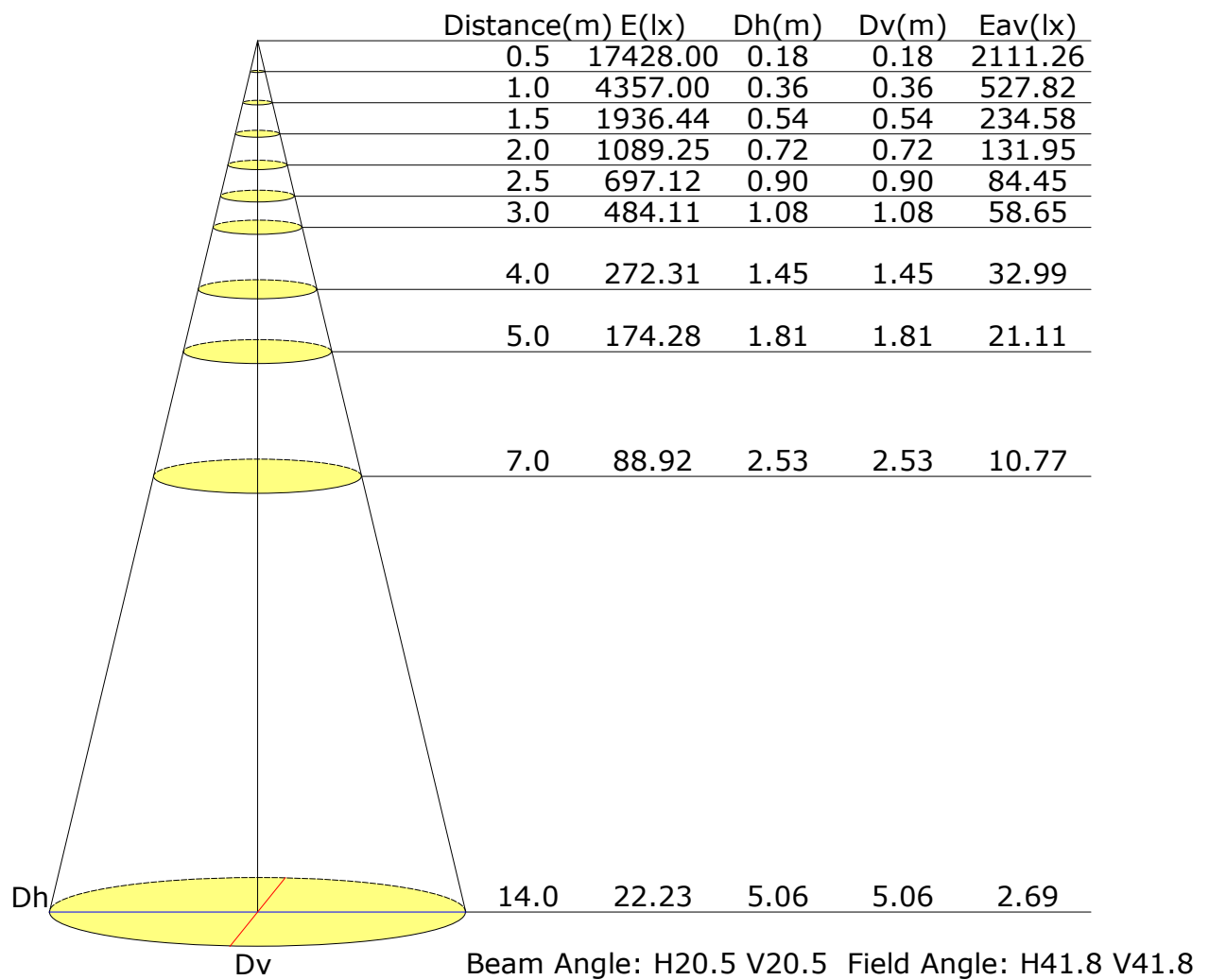


Mounting Height: 10m		Max Lux(100%): 44 lx	
( 1%):	0 lx	( 2%):	1 lx
( 5%):	2 lx	( 10%):	4 lx
( 20%):	9 lx	( 50%):	22 lx
(100%):	44 lx		

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

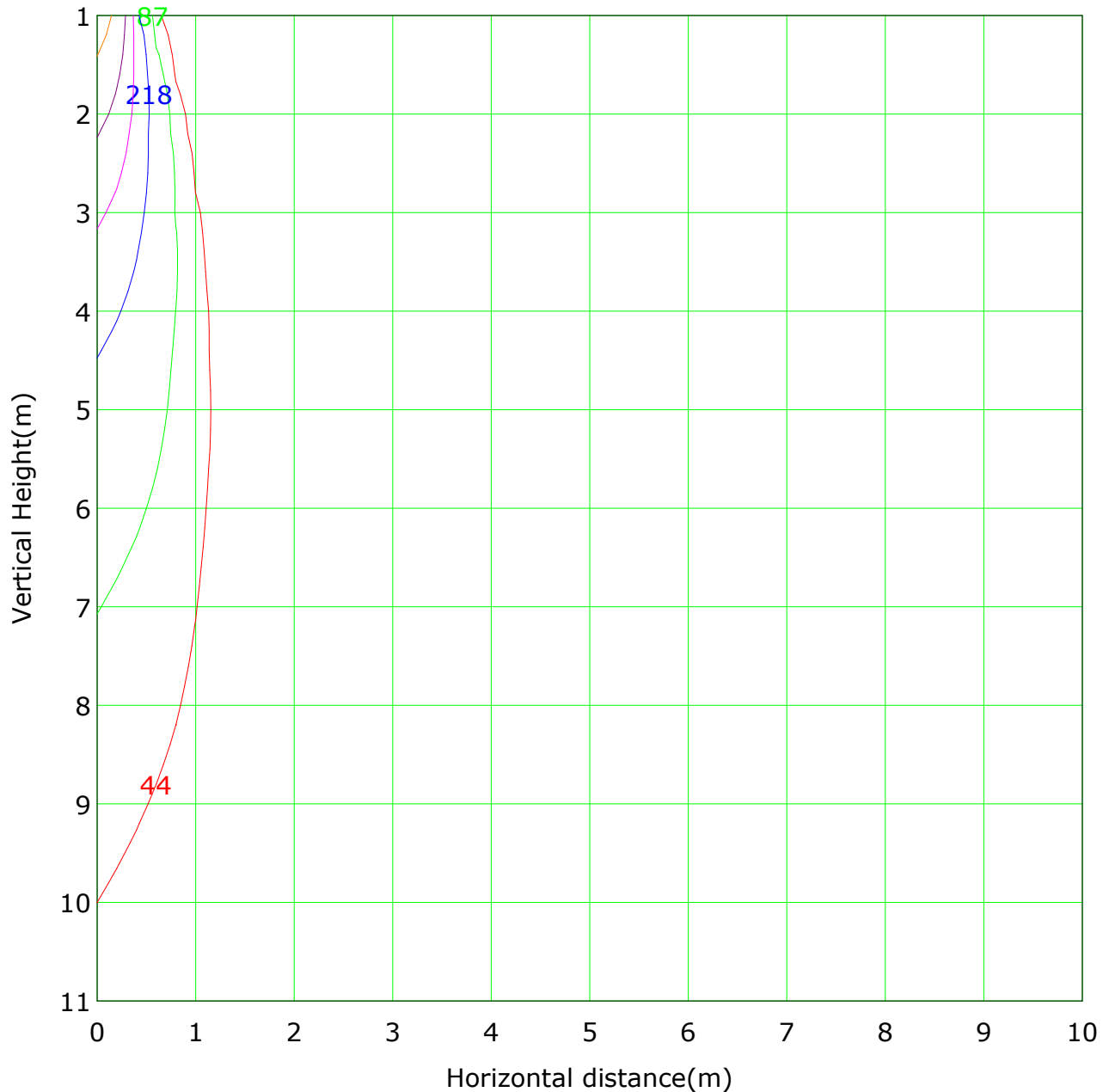
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Vertical IsoLux Plot

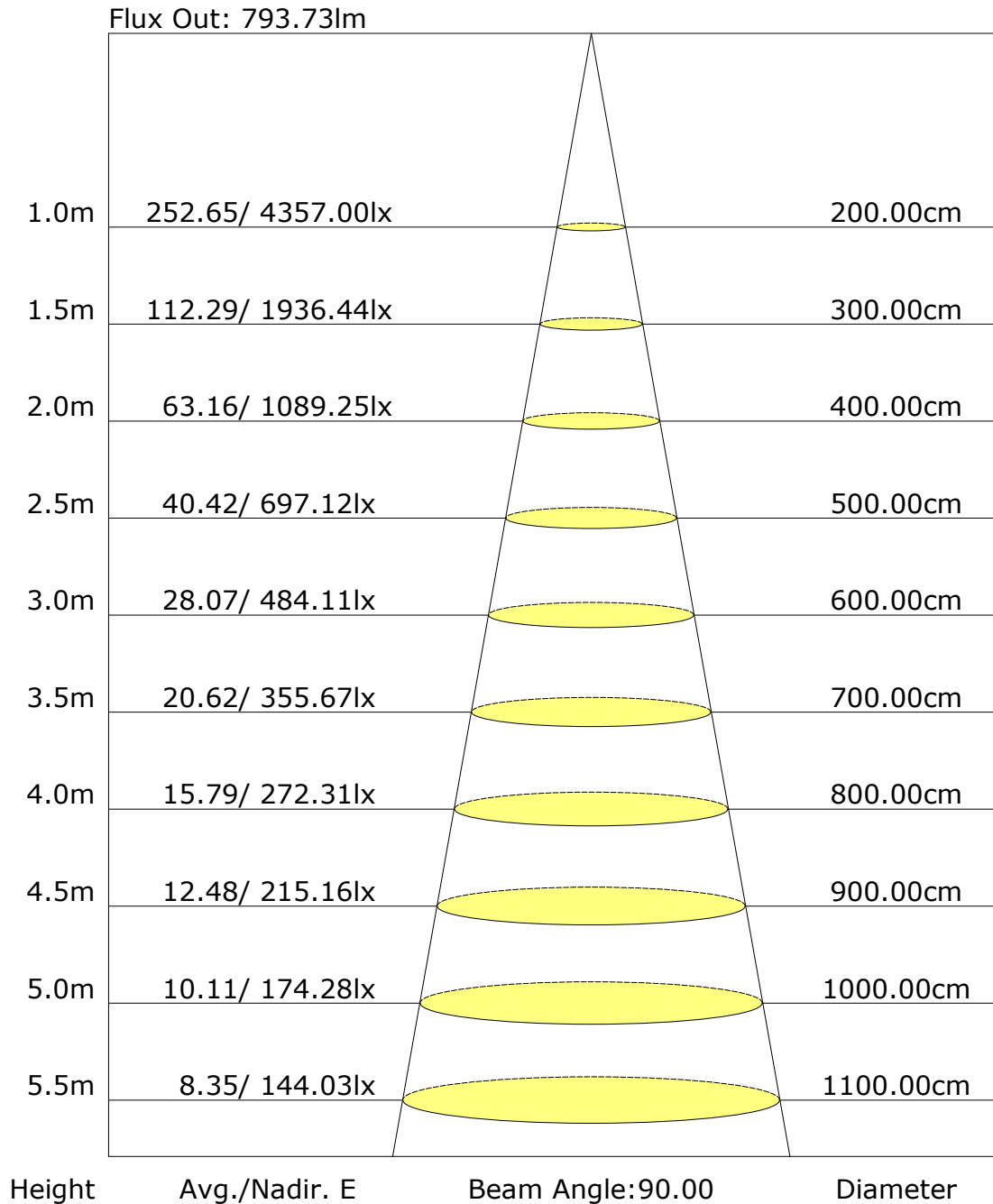


Lowest(m): 1m    Highest(m): 11    Max Lux: 4357	
( 1%): 44 lx	( 2%): 87 lx
( 5%): 218 lx	( 10%): 436 lx
( 20%): 871 lx	( 50%): 2179 lx
(100%): 4357 lx	

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: