

Report No.: 62.05519 7.5D FEEL ZOOM TracTest Time: 2023-10-12 15:35

## Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Voltage: 222.7 V

Current: 0.134 A

Power: 16.90 W

Power Factor: 0.561

## Photometric Results

CIE Class: Direct

Measurement Flux: 560.4 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H7.5

Vertical Diffuse Angle(50%): V7.5

Luminaire Efficacy Rating (LER): 33

Max. Intensity: 8699.83 cd

Total Rated Lamp Lumens: 560.4 lm

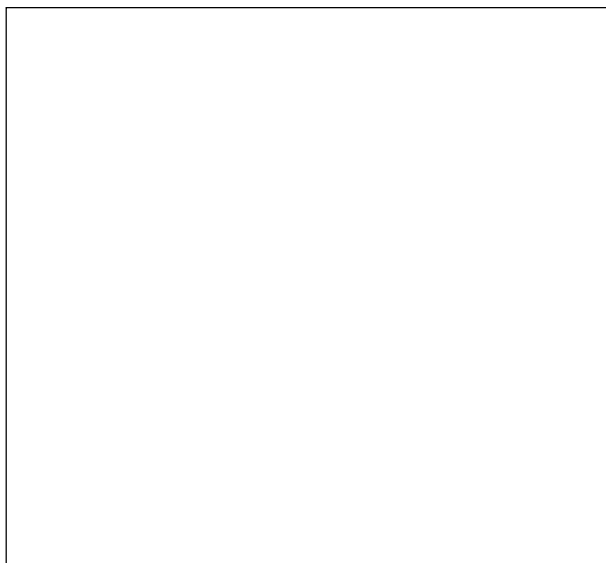
Efficiency: 100%

Upward Ratio: 0%

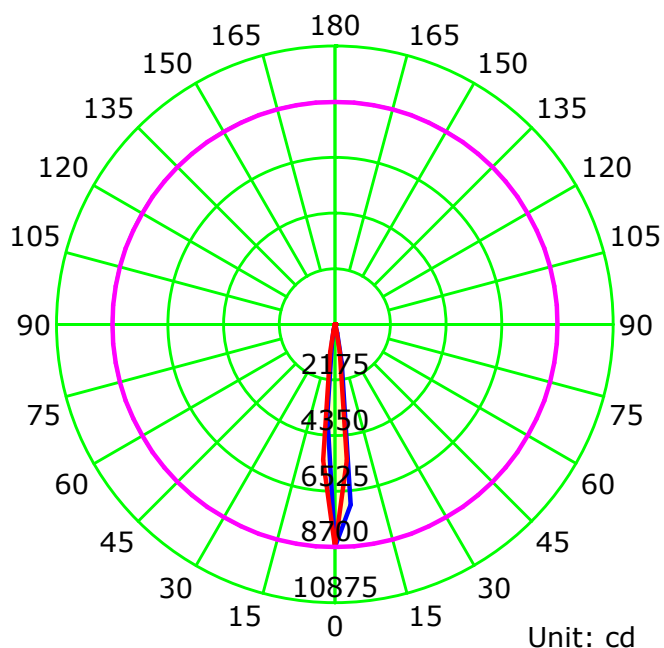
Central Intensity: 8699.82 cd

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

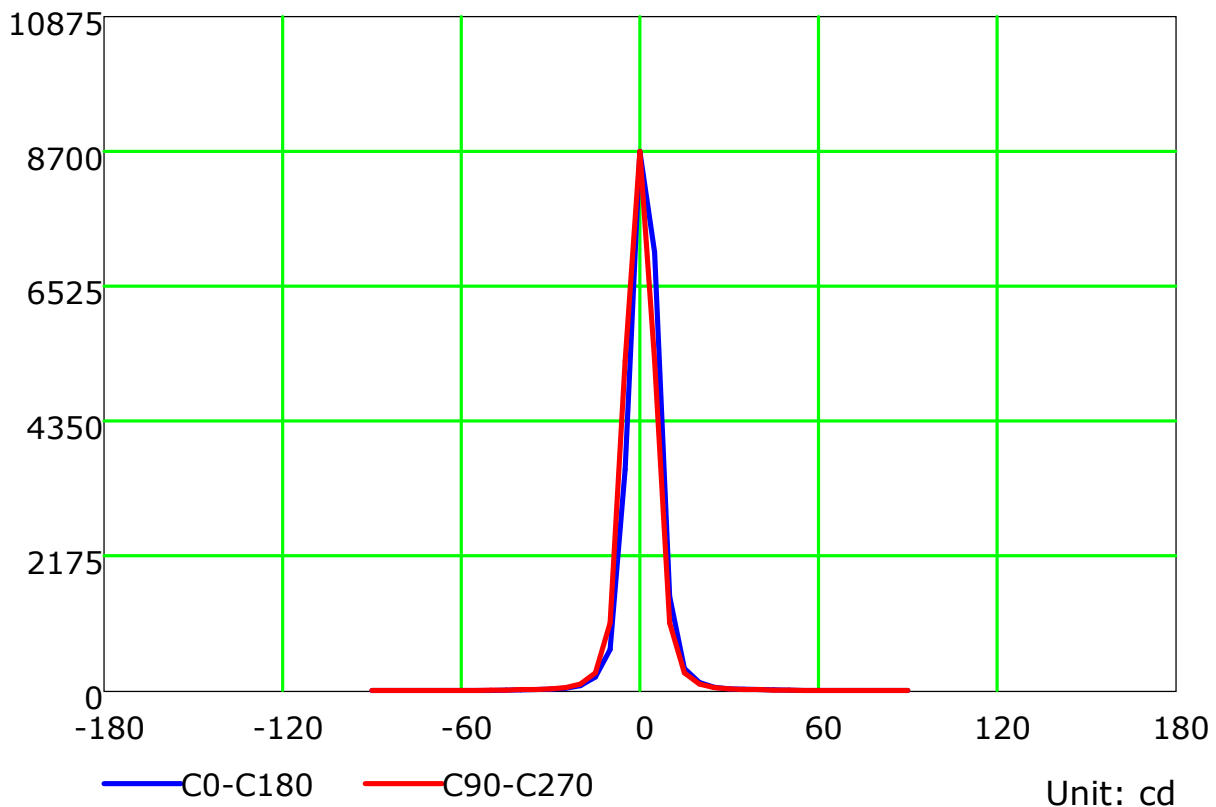
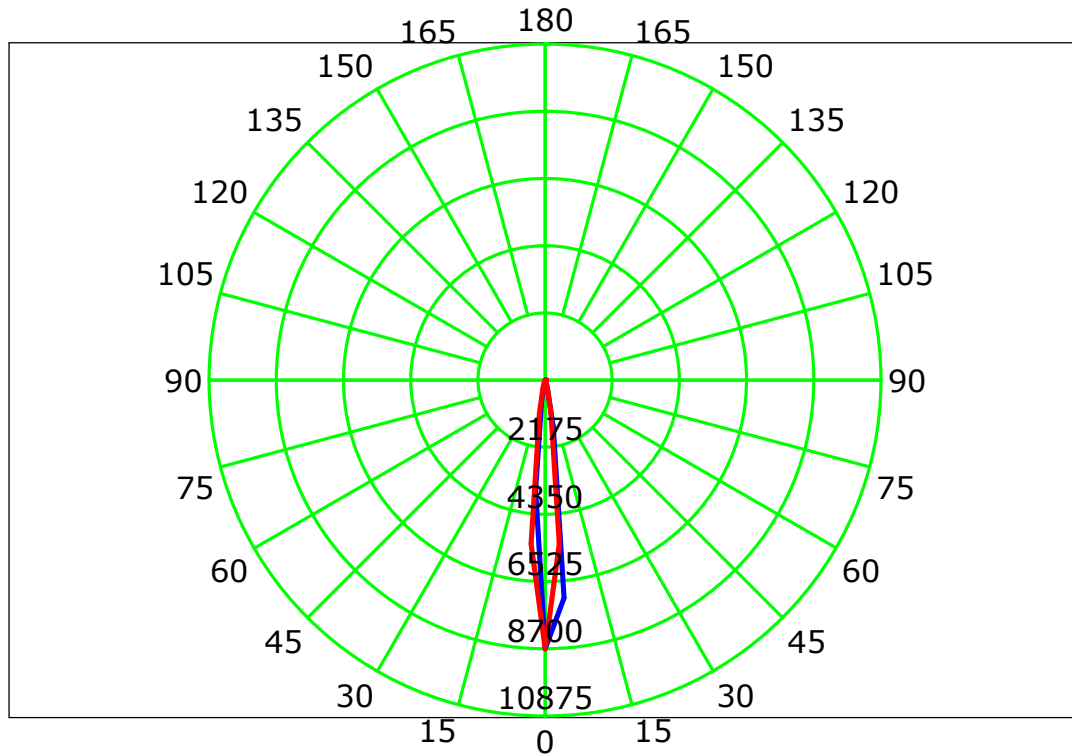
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

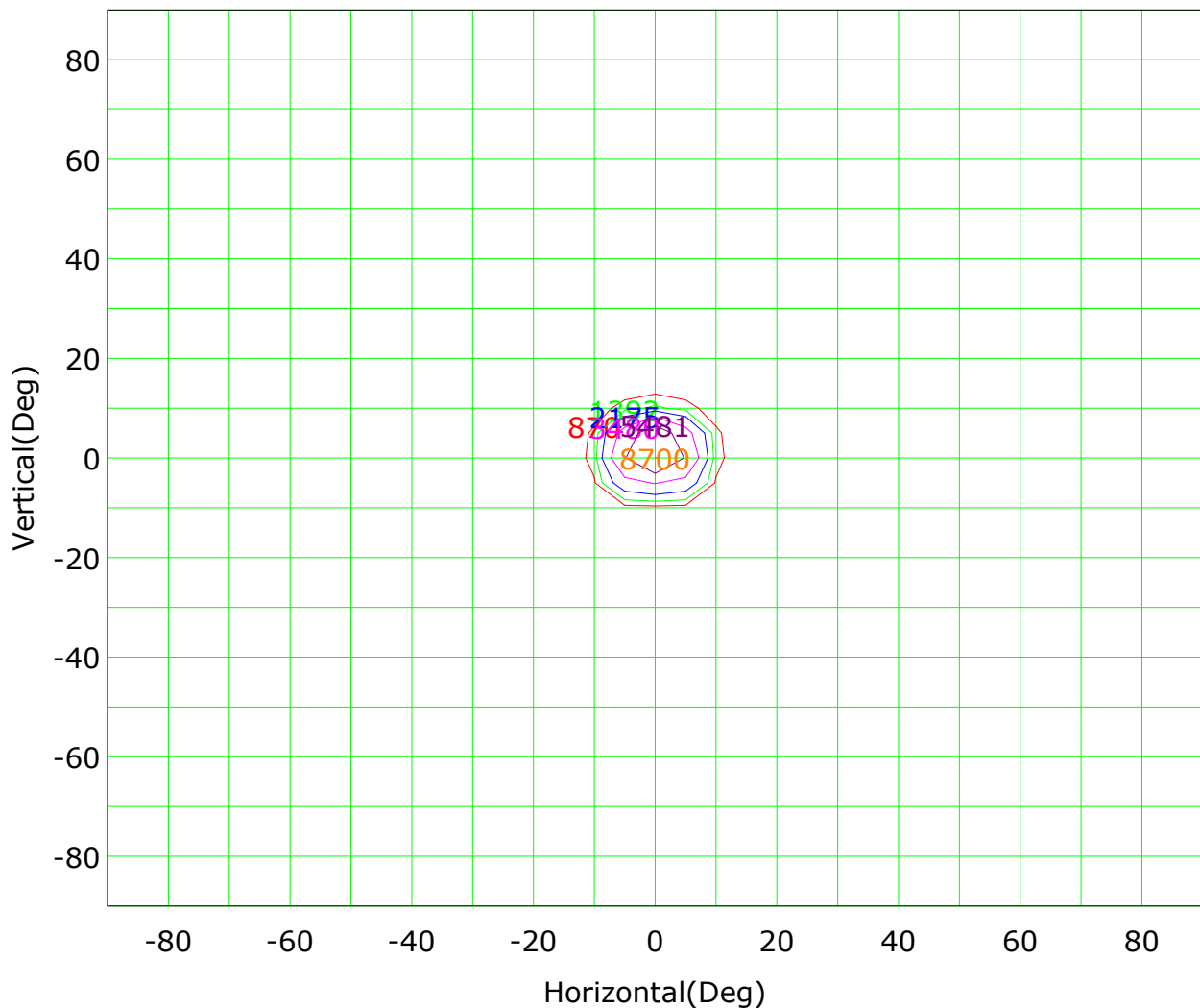
## Luminous Intensity Distribution Curve



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%): 8700 cd

( 10%): 870 cd	( 16%): 1392 cd
( 25%): 2175 cd	( 40%): 3480 cd
( 63%): 5481 cd	(100%): 8700 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

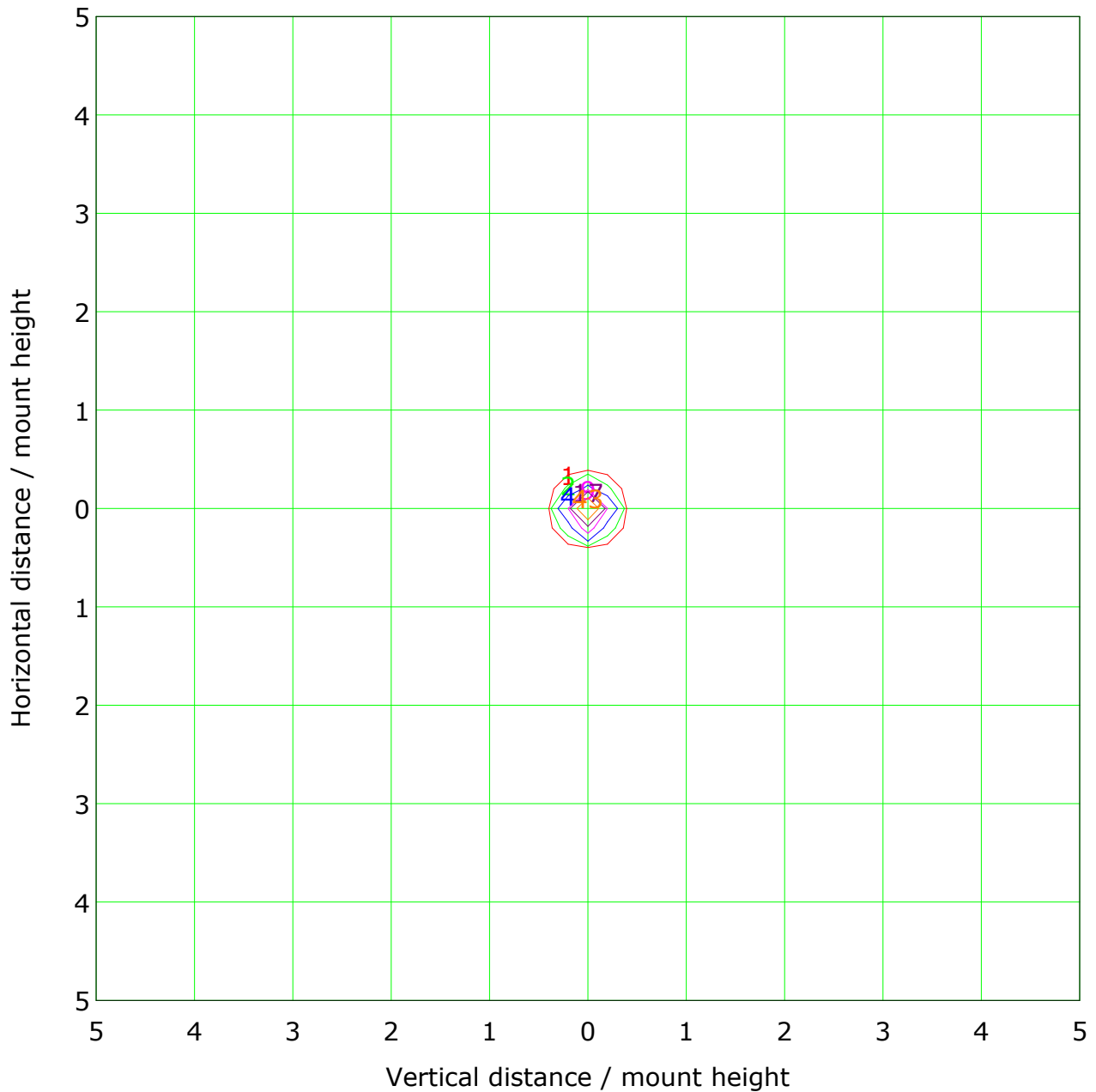
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

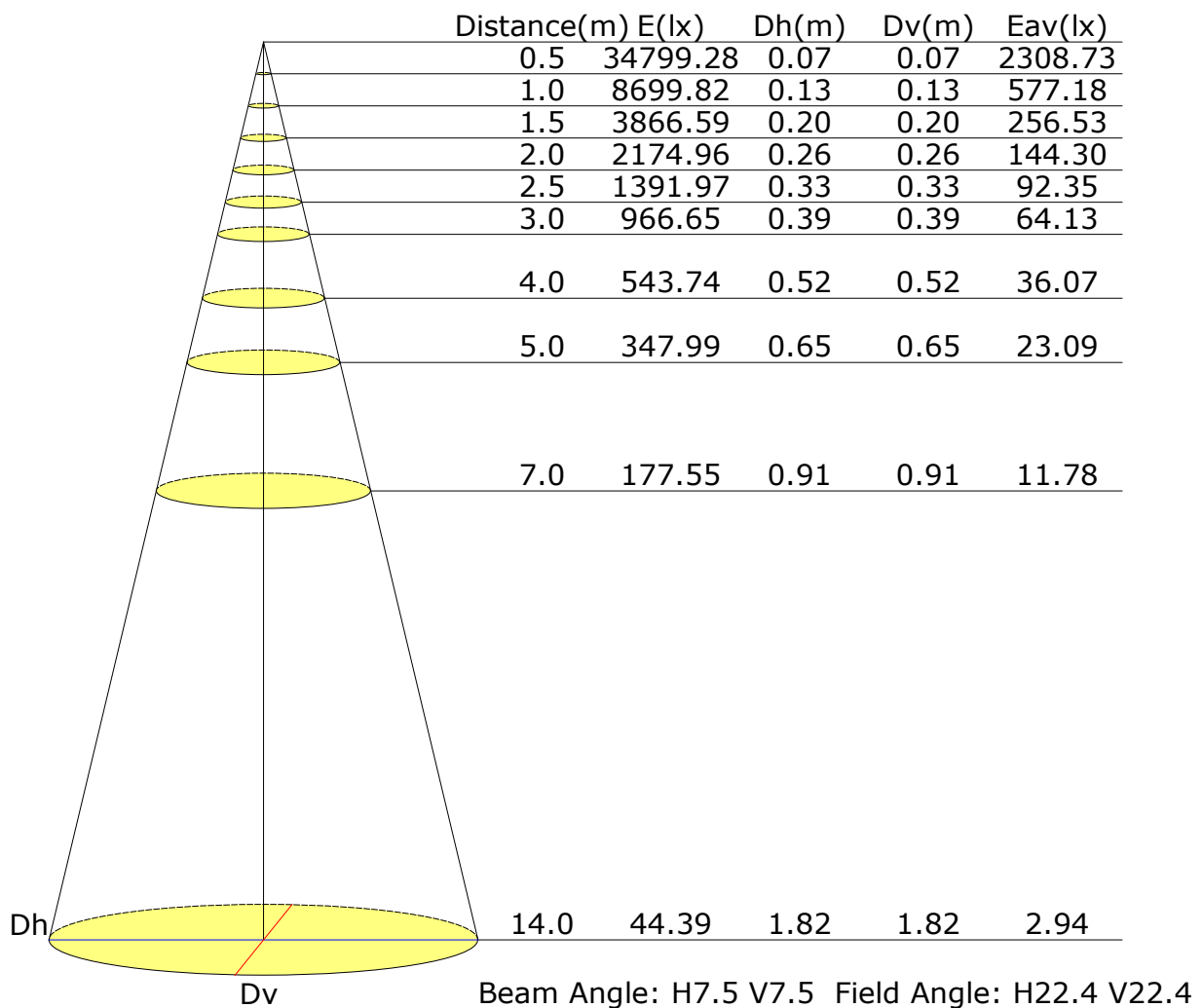


Mounting Height: 10m		Max Lux(100%): 87 lx	
( 1%):	1 lx	( 2%):	2 lx
( 5%):	4 lx	( 10%):	9 lx
( 20%):	17 lx	( 50%):	43 lx
(100%):	87 lx		

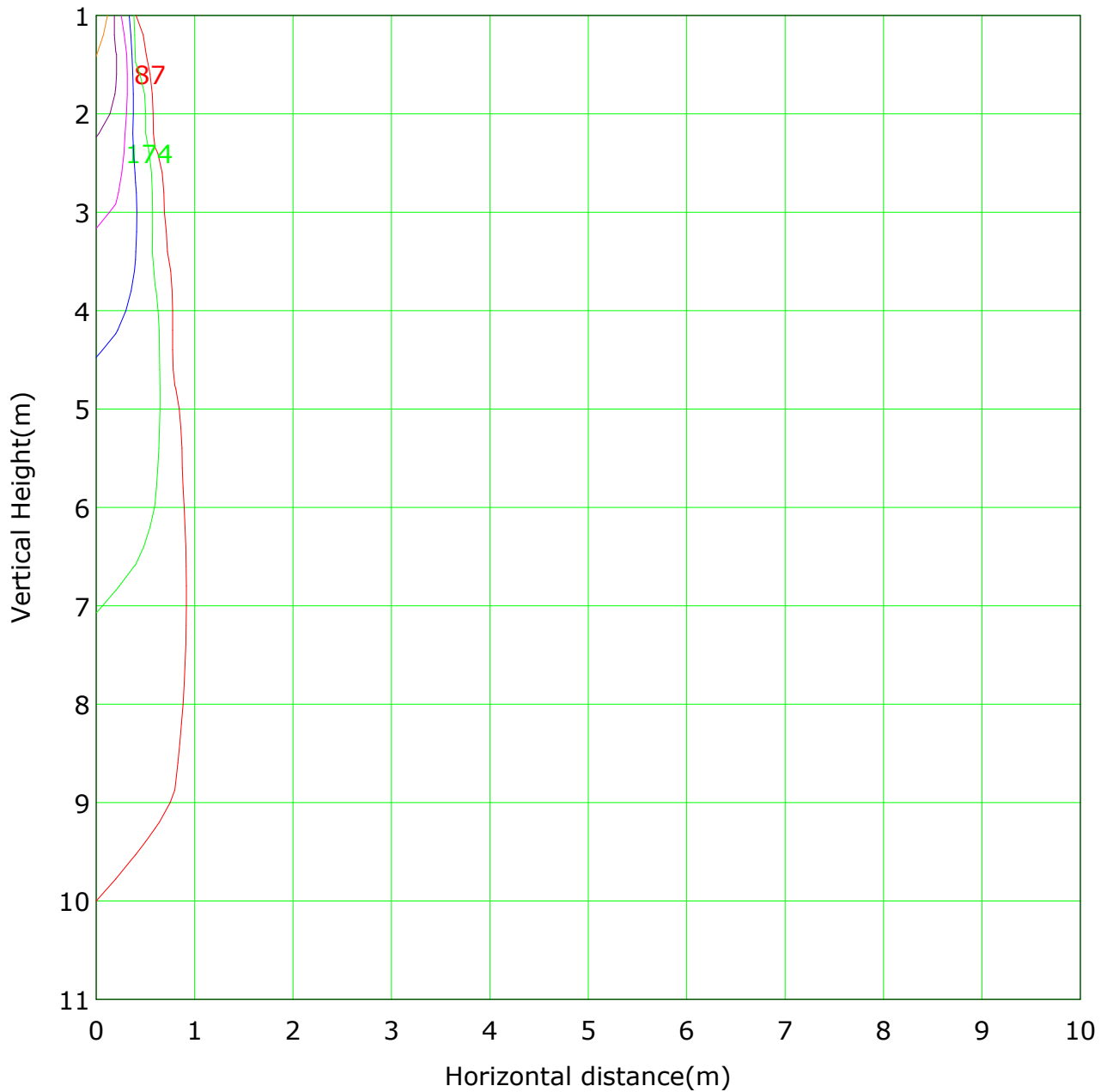
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



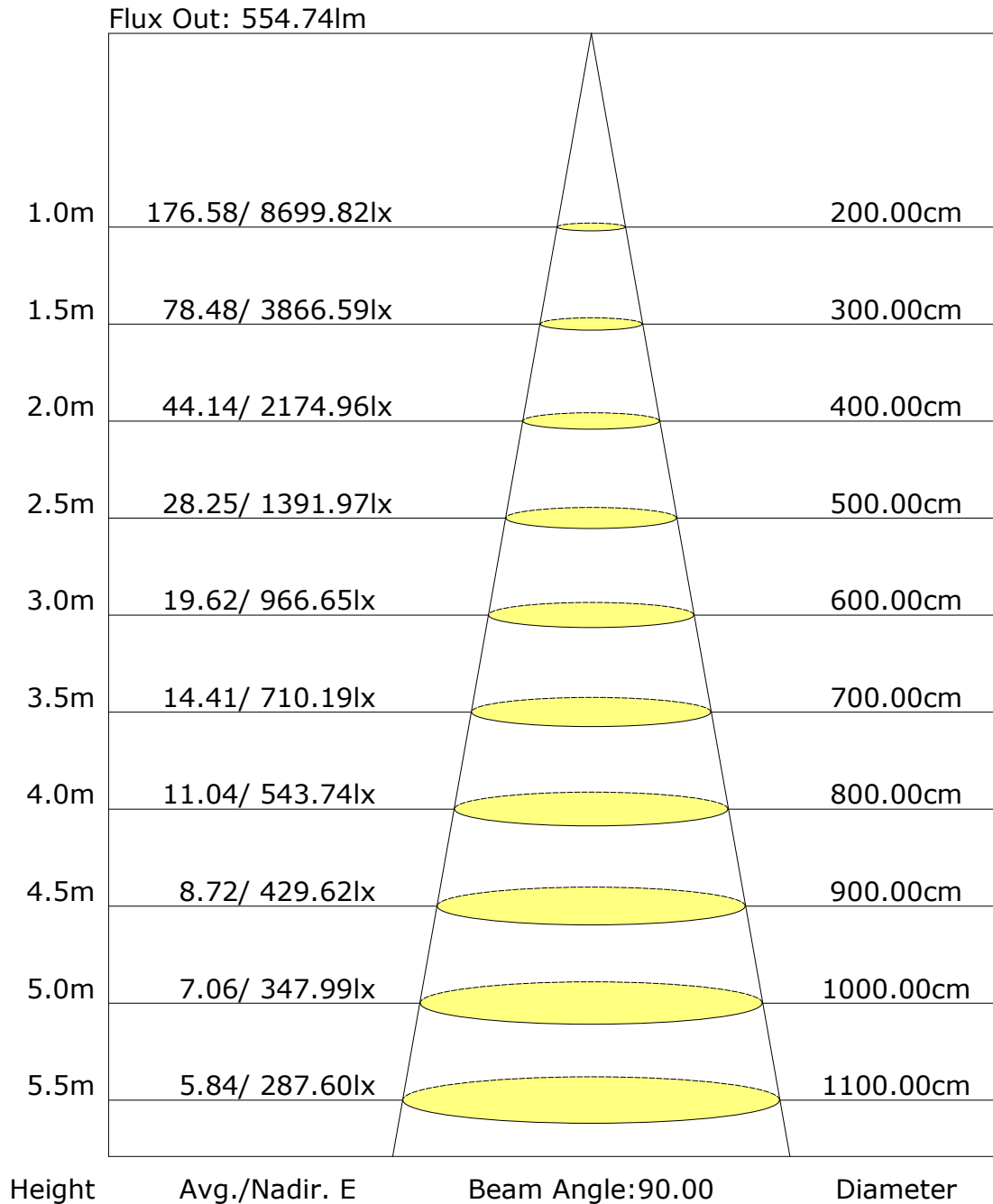
Lowest(m): 1m    Highest(m): 11    Max Lux: 8700

( 1%): 87 lx	( 2%): 174 lx
( 5%): 435 lx	( 10%): 870 lx
( 20%): 1740 lx	( 50%): 4350 lx
(100%): 8700 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: