

Report No.: 32.04530 ARMI Track Light

Test Time: 2023-09-13 15:47

## Luminaire Property

Luminaire Category: Bridgelux V8 4000K CRI90

Voltage: 221.8 V

Current: 0.052 A

Power: 10.80 W

Power Factor: 0.928

## Photometric Results

CIE Class: Direct

Measurement Flux: 910.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H29.8

Vertical Diffuse Angle(50%): V29.8

Luminaire Efficacy Rating (LER): 84

Max. Intensity: 3330.82 cd

Total Rated Lamp Lumens: 910.5 lm

Efficiency: 100%

Upward Ratio: 0%

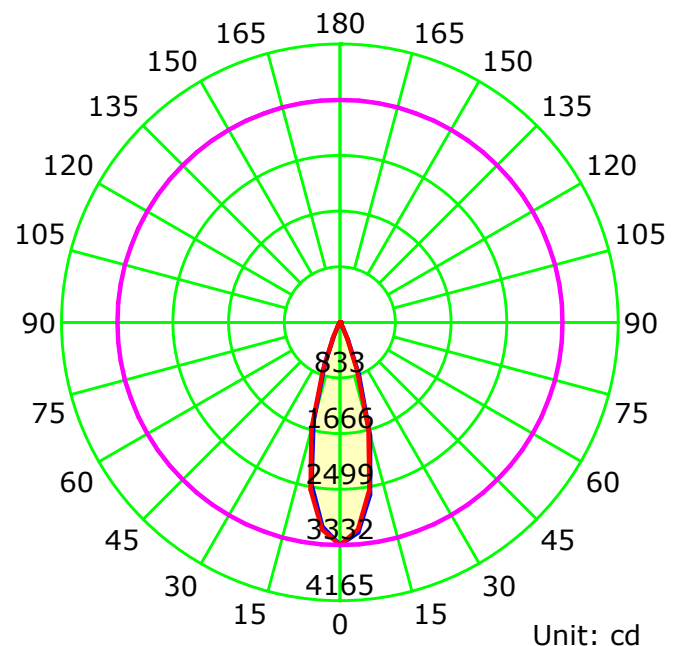
Central Intensity: 3330.81 cd

Pos of Max. Intensity: H0 V0

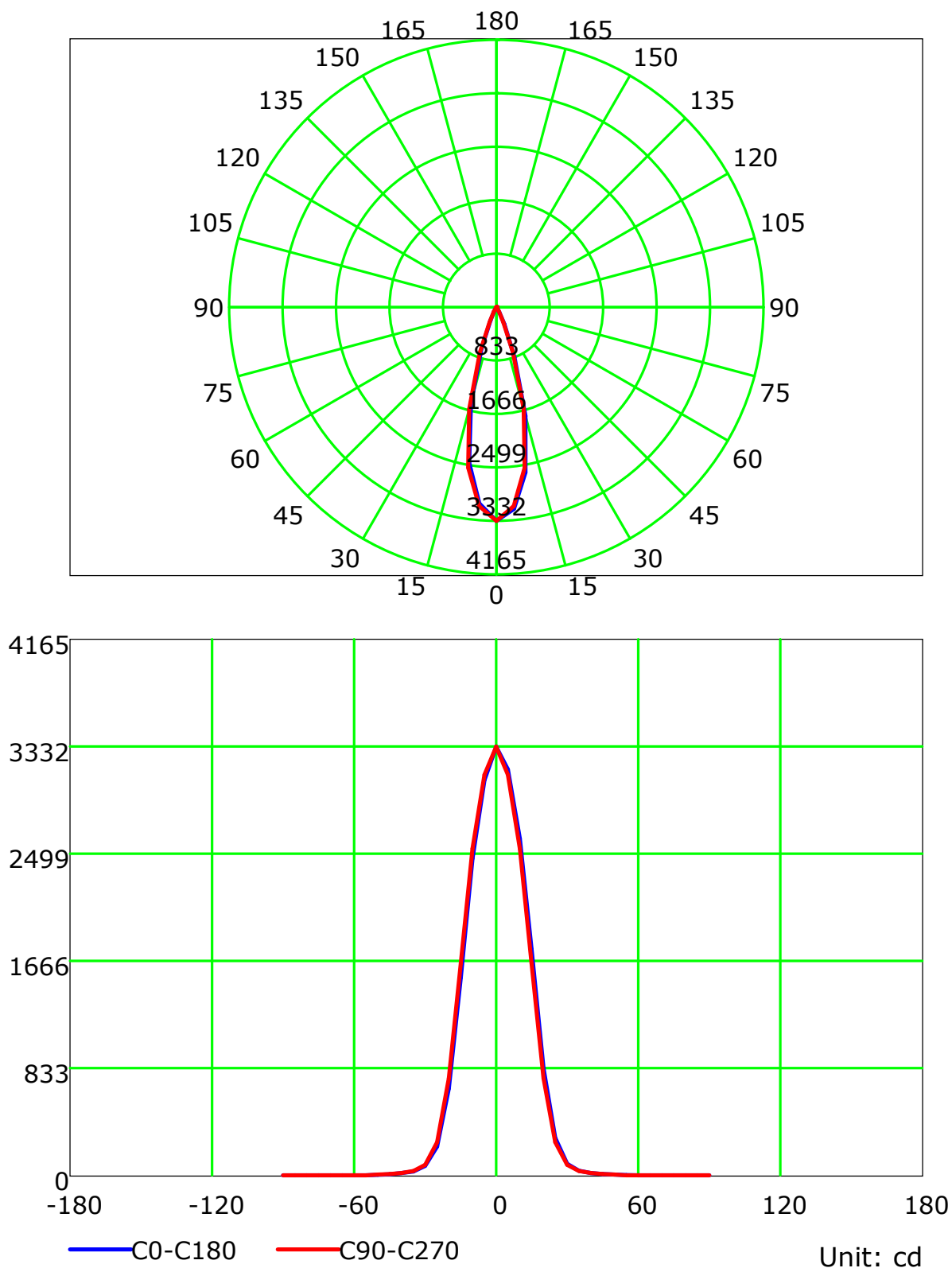
Picture Of Luminaire



Luminous Intensity Distribution Curve



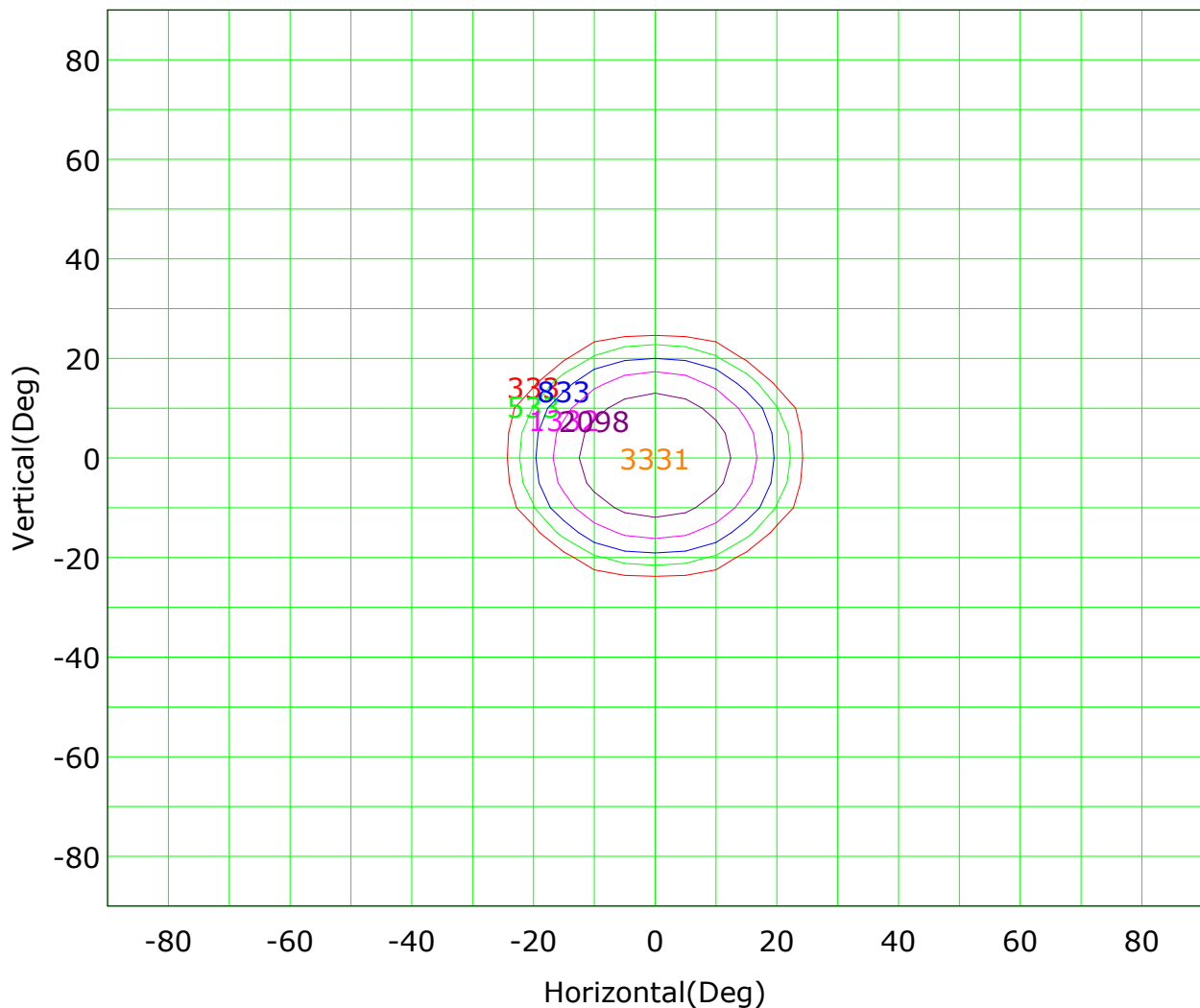
## Luminous Intensity Distribution Curve



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%): 3331 cd

( 10%): 333 cd	( 16%): 533 cd
( 25%): 833 cd	( 40%): 1332 cd
( 63%): 2098 cd	(100%): 3331 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

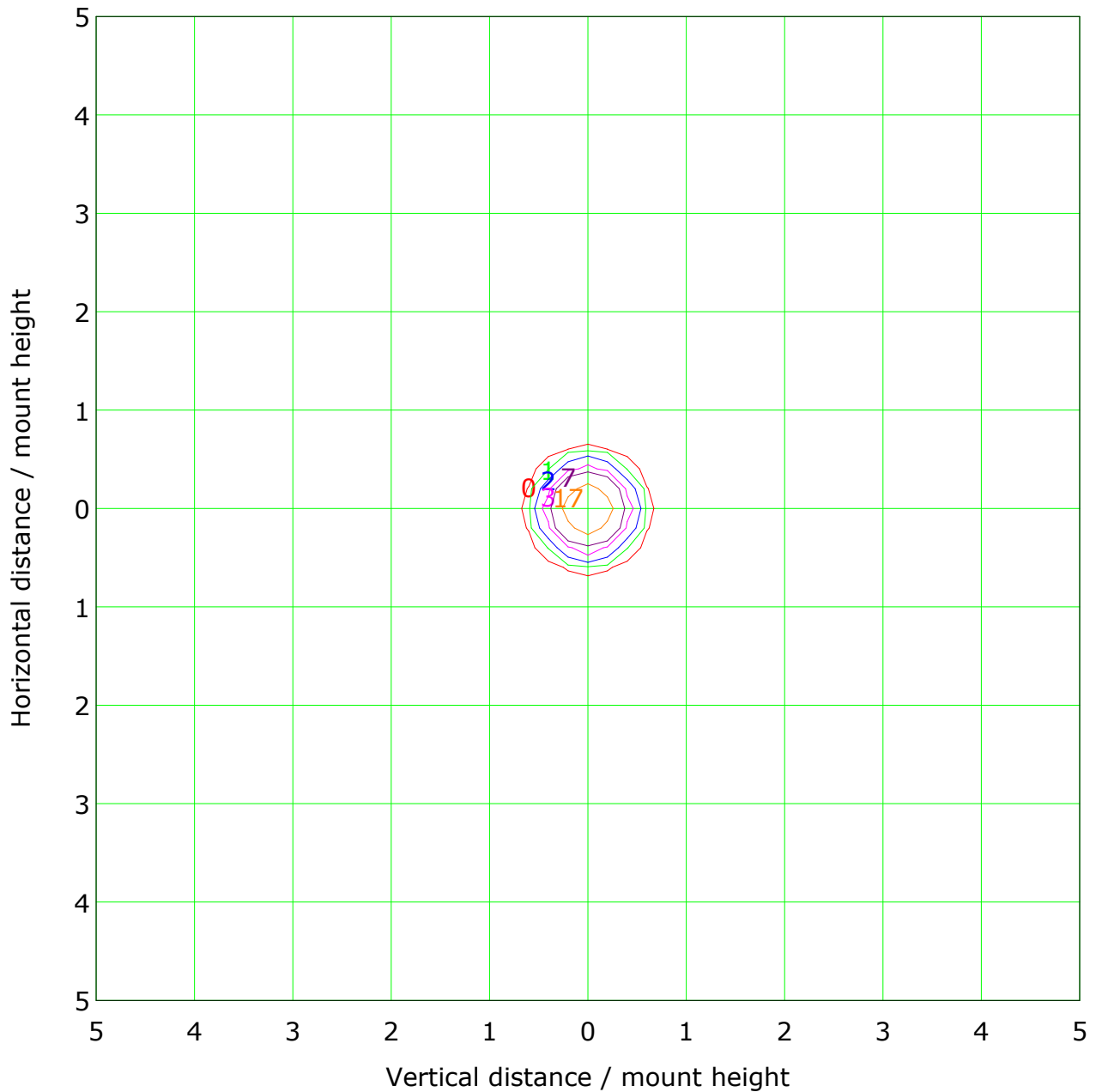
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

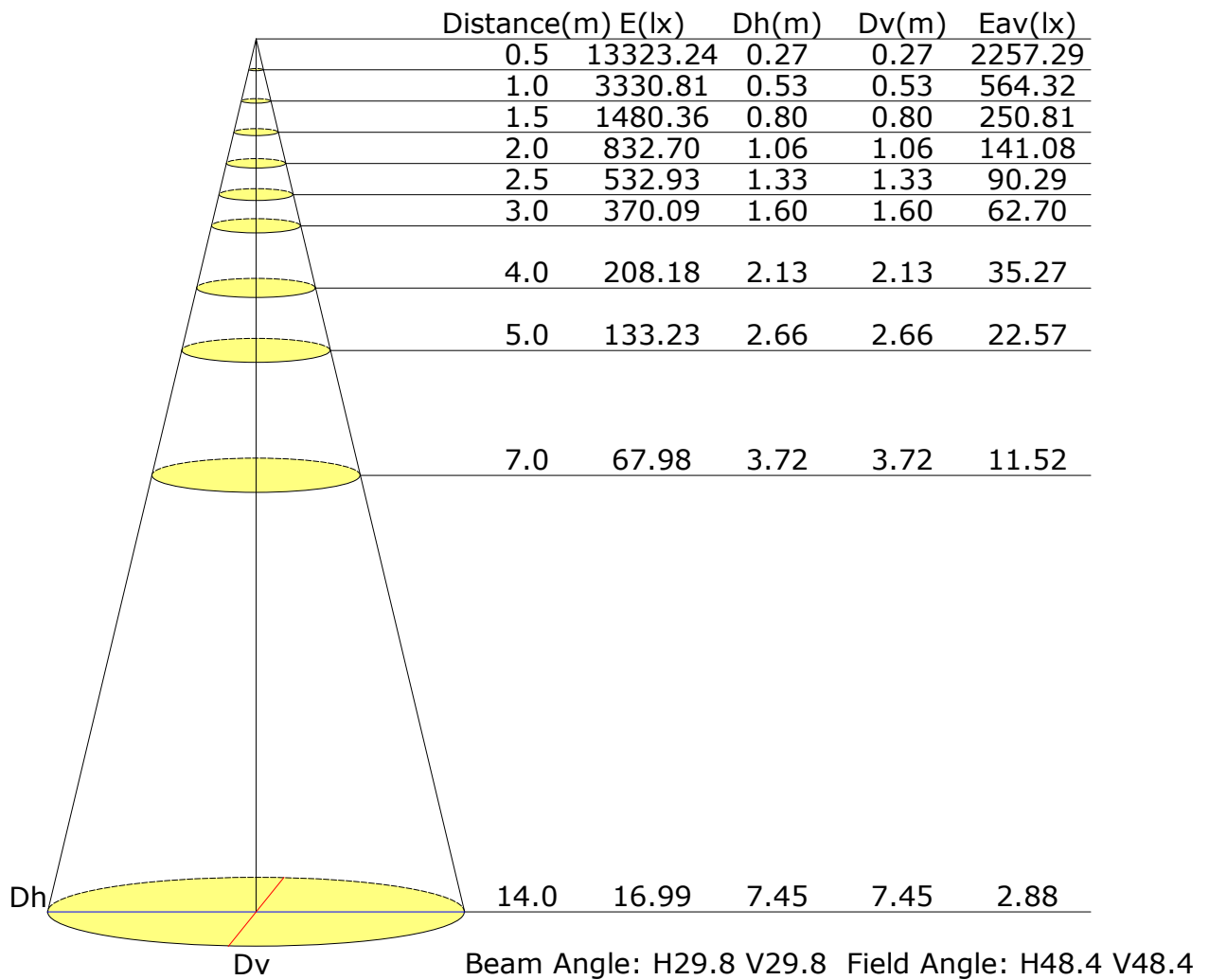


Mounting Height: 10m    Max Lux(100%): 33 lx			
— ( 1%):	0 lx	— ( 2%):	1 lx
— ( 5%):	2 lx	— ( 10%):	3 lx
— ( 20%):	7 lx	— ( 50%):	17 lx
— (100%):	33 lx		

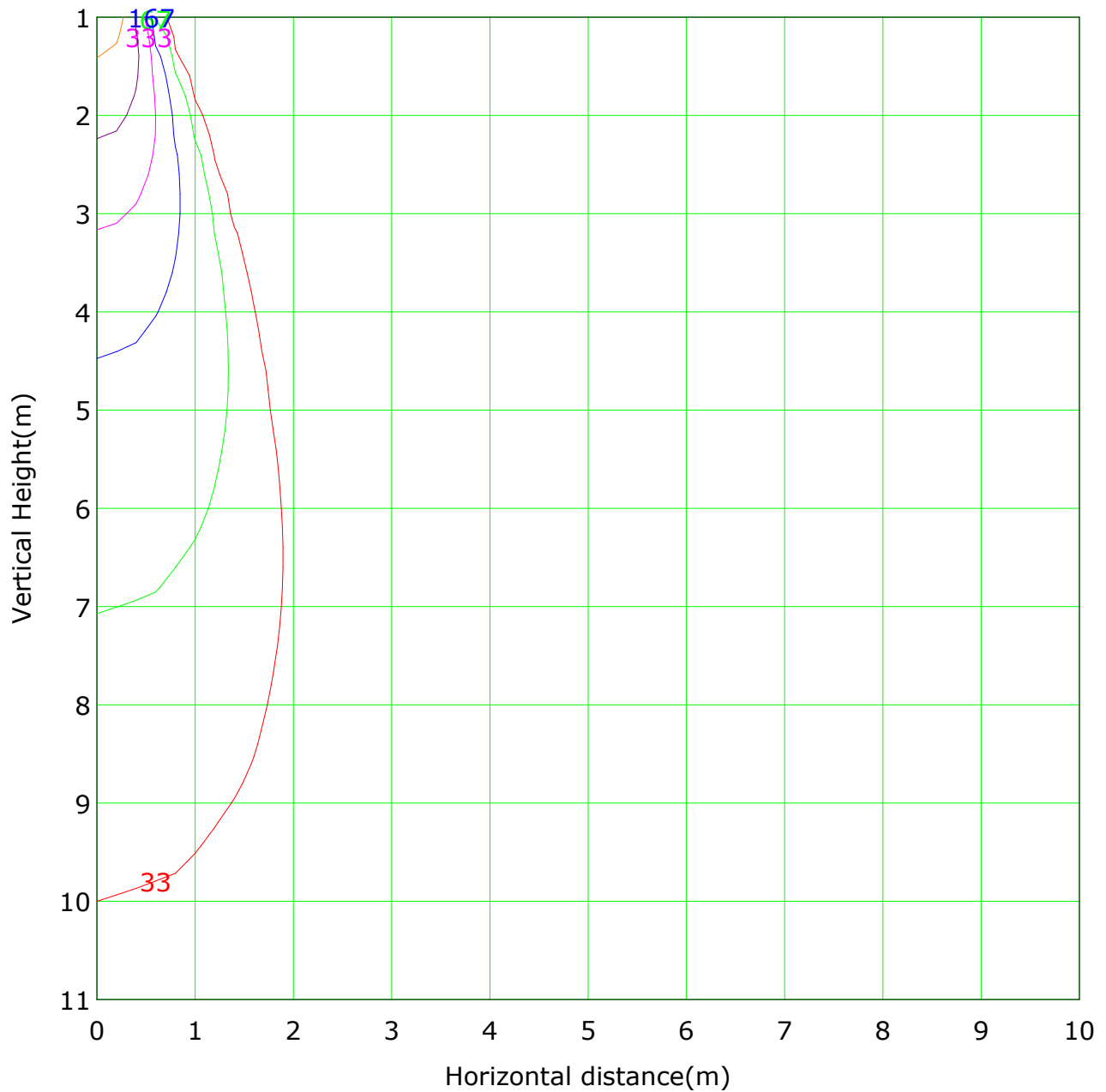
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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: 3331

( 1%): 33 lx	( 2%): 67 lx
( 5%): 167 lx	( 10%): 333 lx
( 20%): 666 lx	( 50%): 1665 lx
(100%): 3331 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

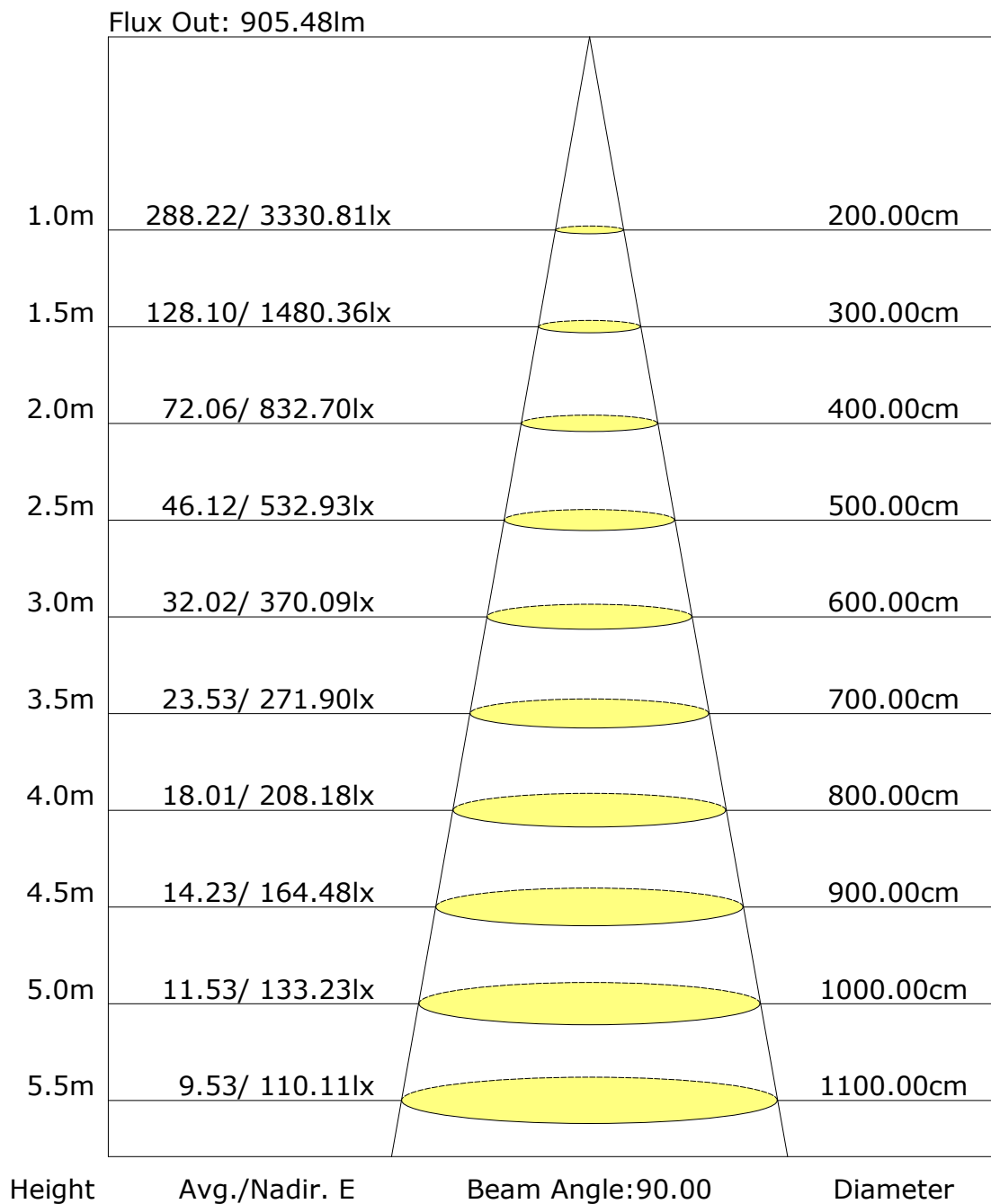
Test Device: CHL-6E

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: