

Report No.: AX\_TL\_FL\_11W\_045

Test Time: 2023-09-13 15:53

## Luminaire Property

Luminaire Category: Bridgelux V8 4000K CRI90

Voltage: 221.7 V

Current: 0.052 A

Power: 10.70 W

Power Factor: 0.929

## Photometric Results

CIE Class: Direct

Measurement Flux: 935.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H44.8

Vertical Diffuse Angle(50%): V44.8

Luminaire Efficacy Rating (LER): 87

Max. Intensity: 1719.73 cd

Total Rated Lamp Lumens: 935.5 lm

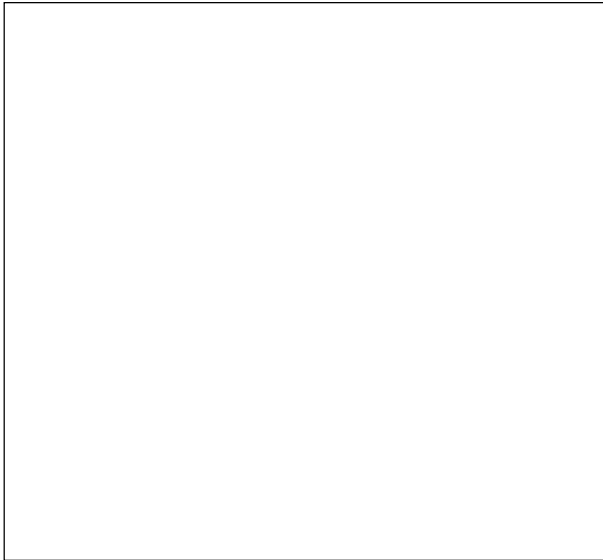
Efficiency: 100%

Upward Ratio: 0%

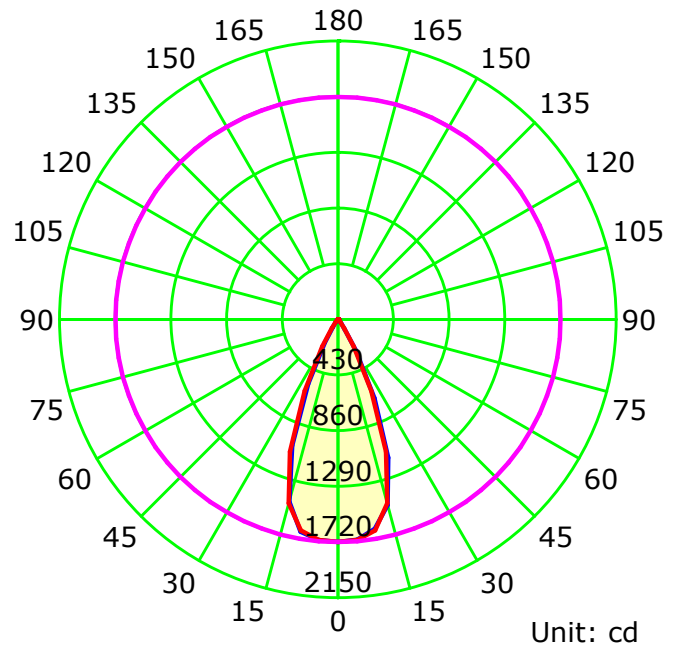
Central Intensity: 1719.73 cd

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

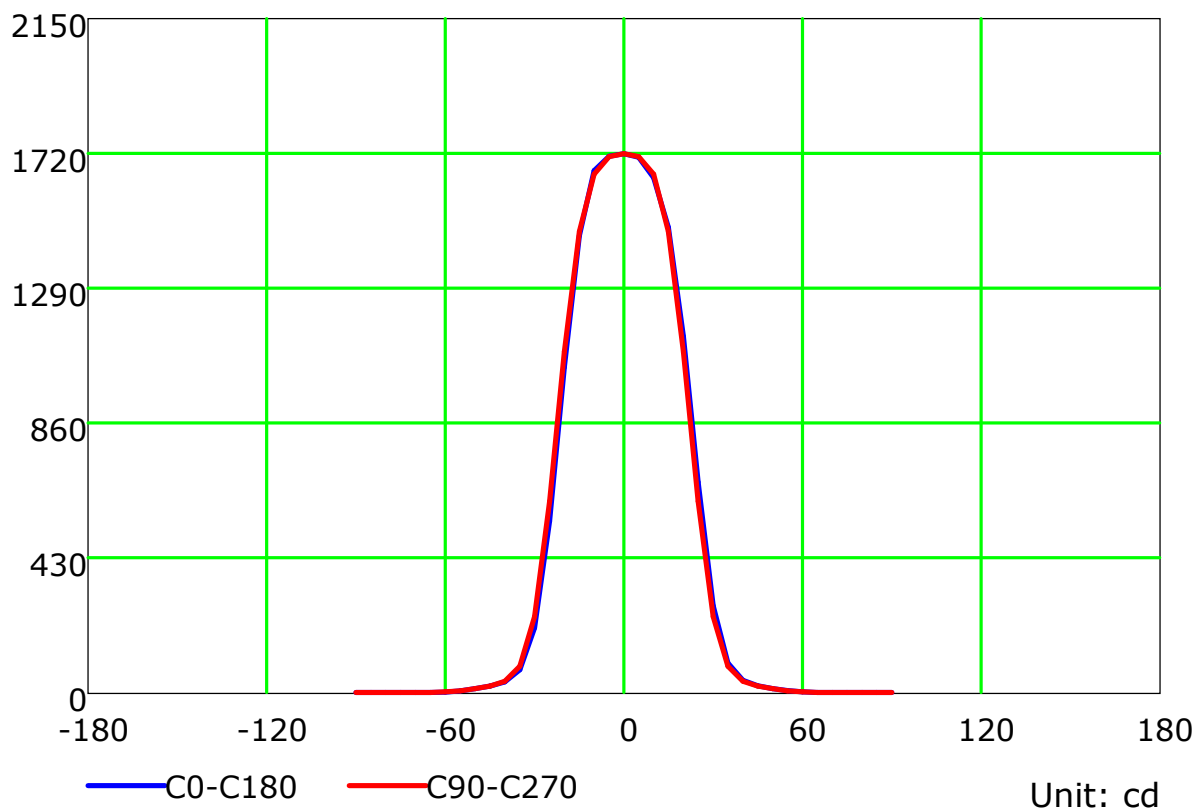
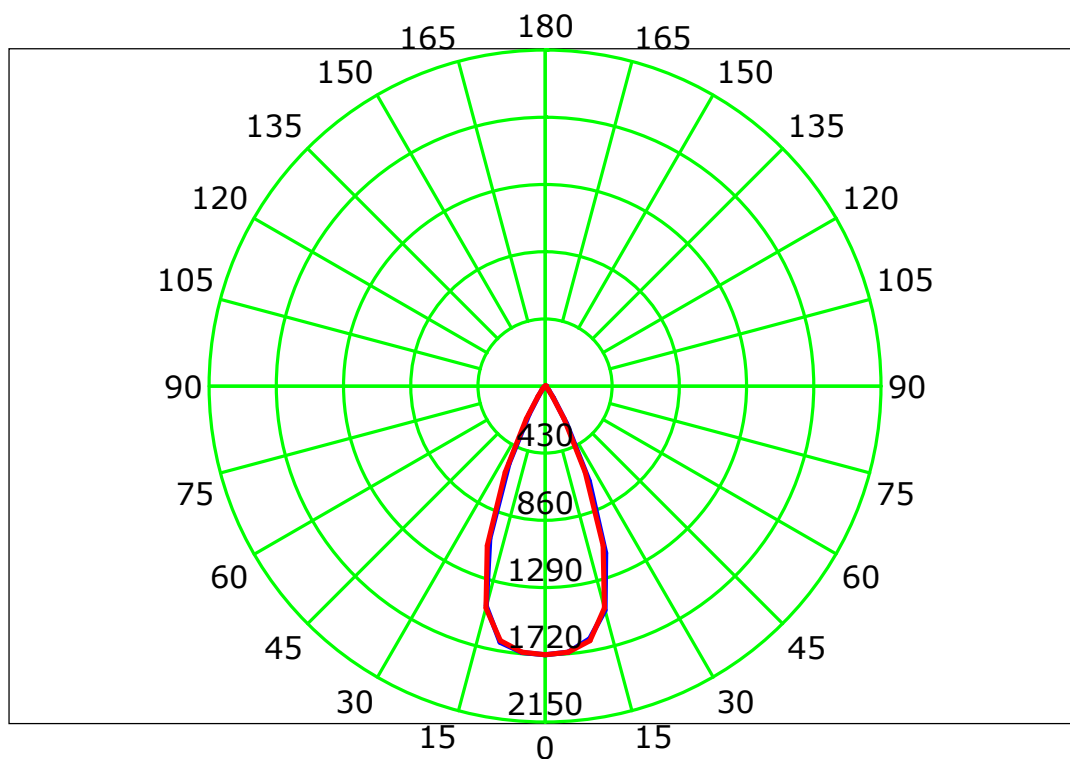
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

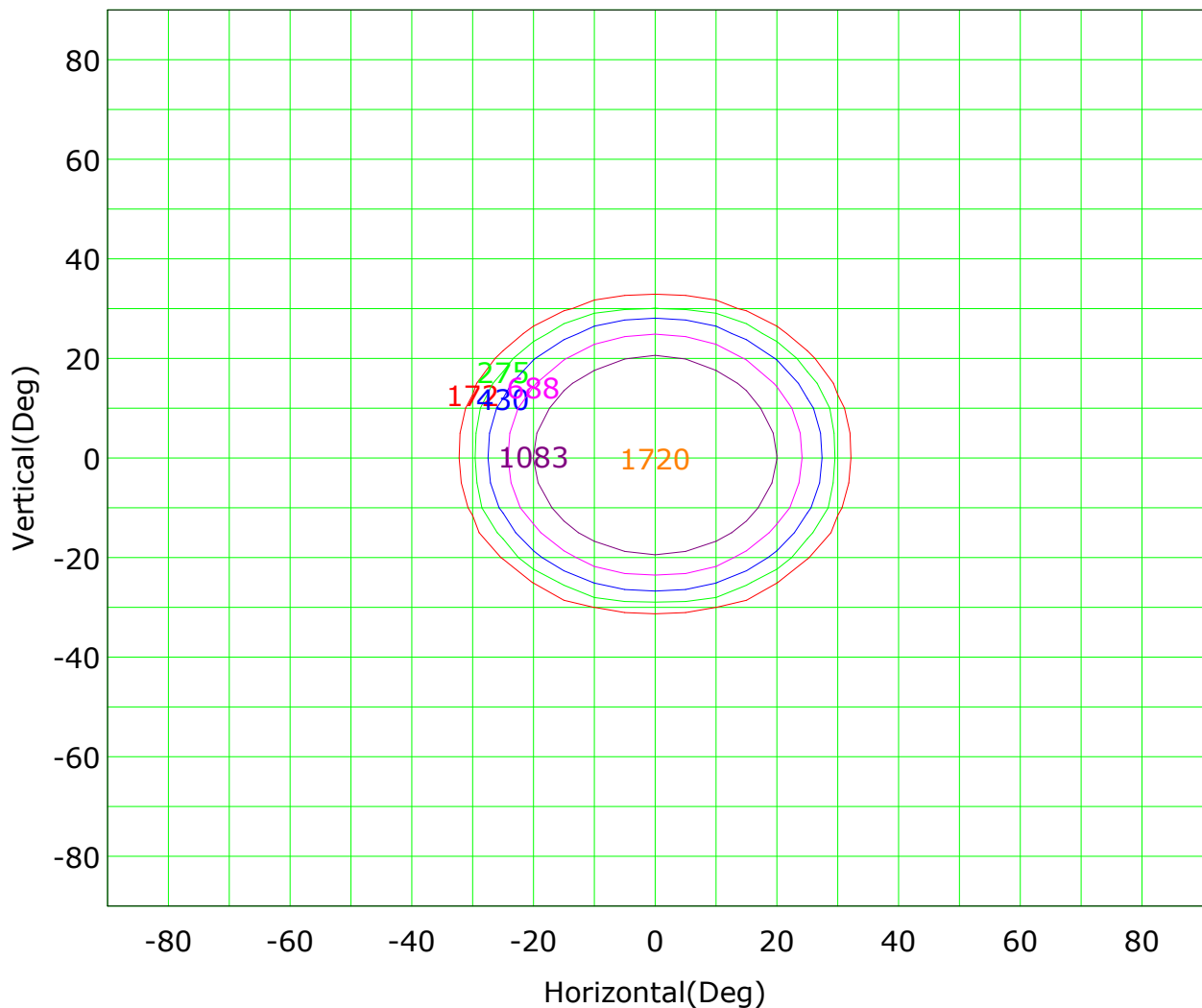
## Luminous Intensity Distribution Curve



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%): 1720 cd

( 10%): 172 cd	( 16%): 275 cd
( 25%): 430 cd	( 40%): 688 cd
( 63%): 1083 cd	(100%): 1720 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

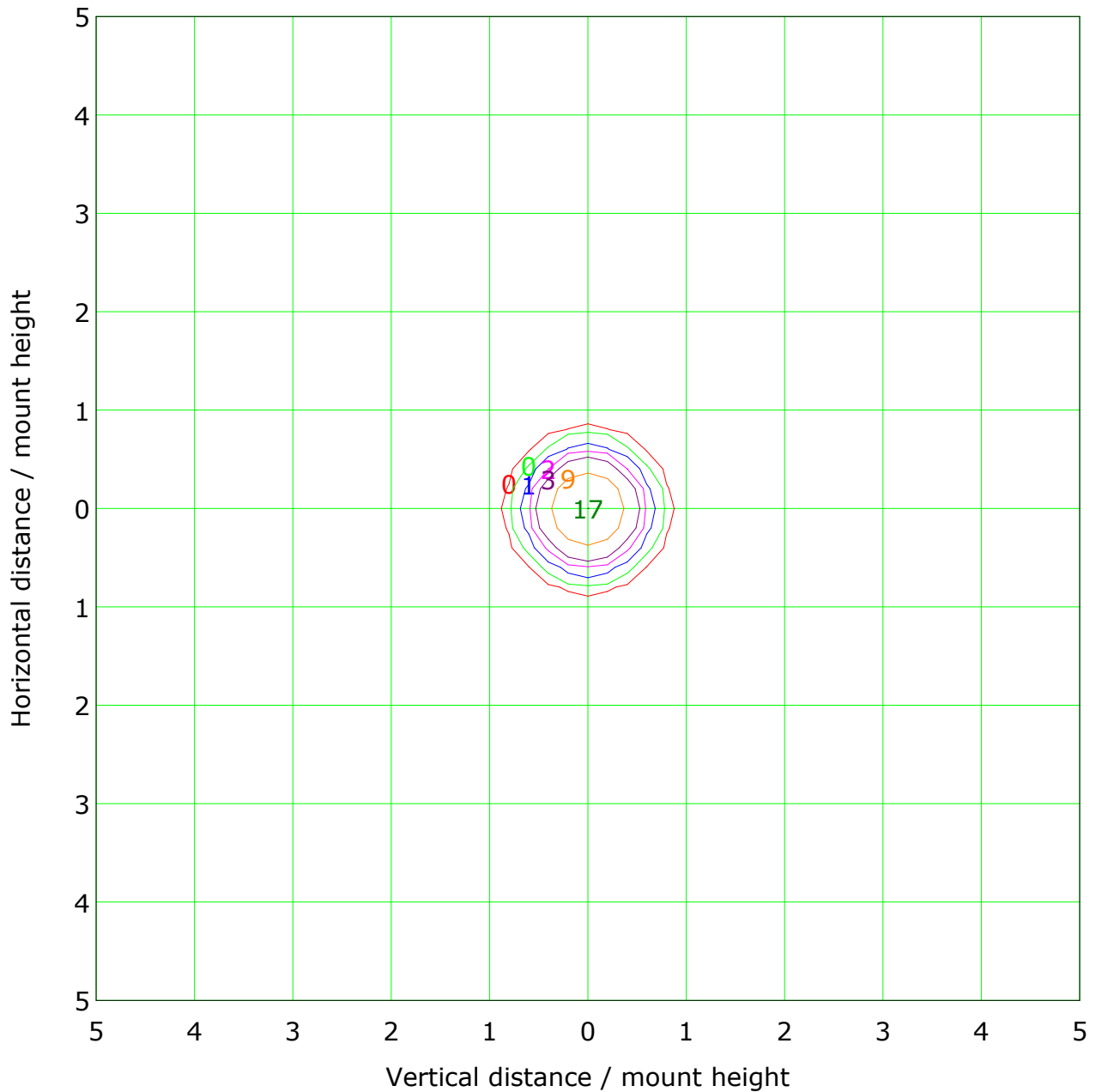
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



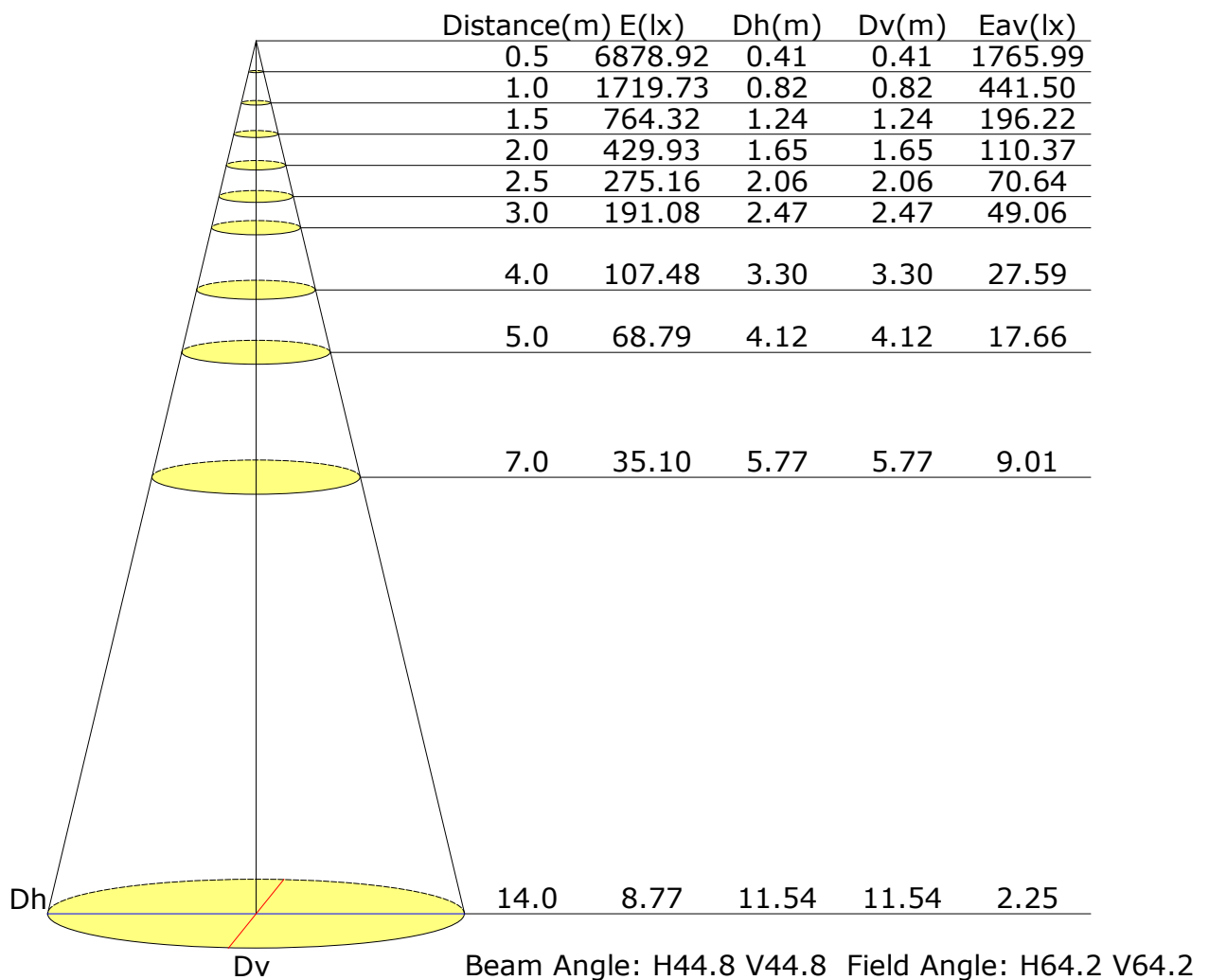
Mounting Height: 10m    Max Lux(100%): 17 lx

( 1%):	0 lx	( 2%):	0 lx
( 5%):	1 lx	( 10%):	2 lx
( 20%):	3 lx	( 50%):	9 lx
(100%):	17 lx		

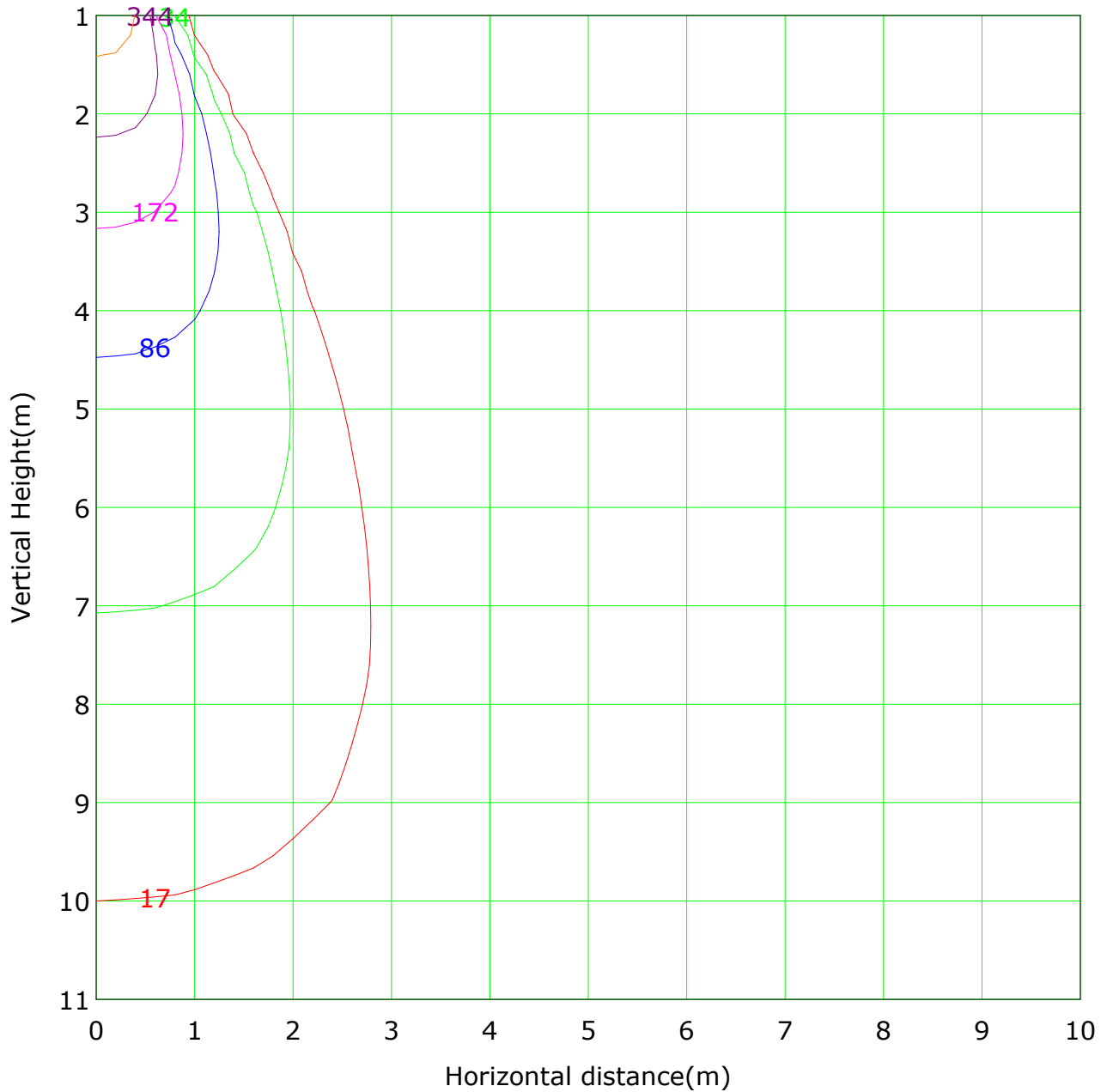
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



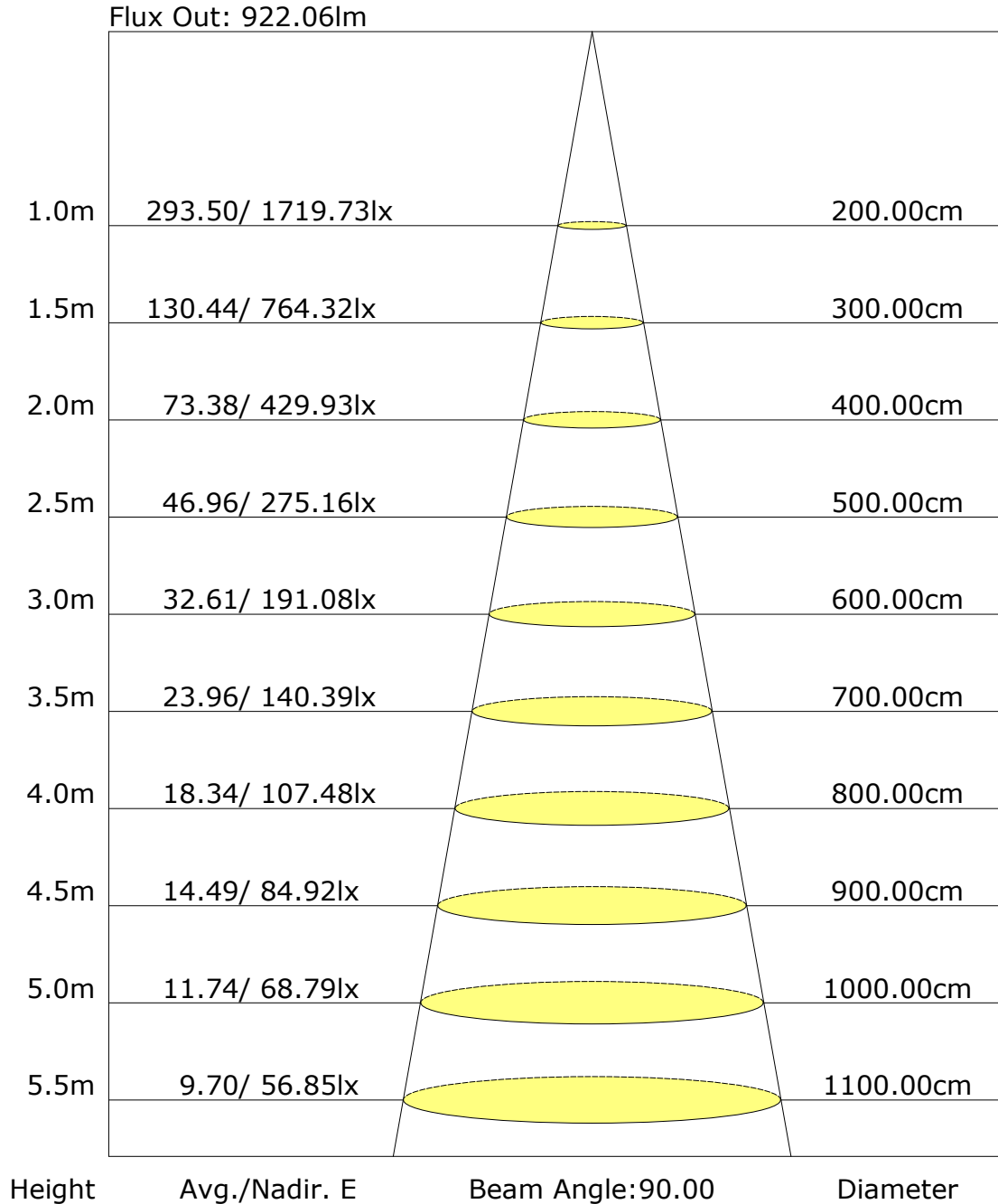
Lowest(m): 1m    Highest(m): 11    Max Lux: 1720

( 1%): 17 lx	( 2%): 34 lx
( 5%): 86 lx	( 10%): 172 lx
( 20%): 344 lx	( 50%): 860 lx
(100%): 1720 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



Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector:

