

Report No.: AX-MG-SP-15W-045

Test Time: 2023-09-07 10:54

## Luminaire Property

Luminaire Category: Bridgelux V6 3000K CRI90

Voltage: 218.2 V

Current: 0.117 A

Power: 14.50 W

Power Factor: 0.560

## Photometric Results

CIE Class: Direct

Measurement Flux: 1076.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H42.7

Vertical Diffuse Angle(50%): V42.7

Luminaire Efficacy Rating (LER): 74

Max. Intensity: 1939.45 cd

Total Rated Lamp Lumens: 1076.9 lm

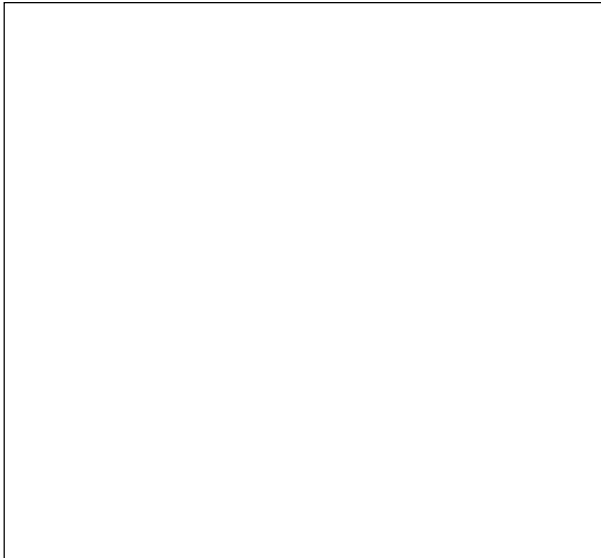
Efficiency: 100%

Upward Ratio: 0%

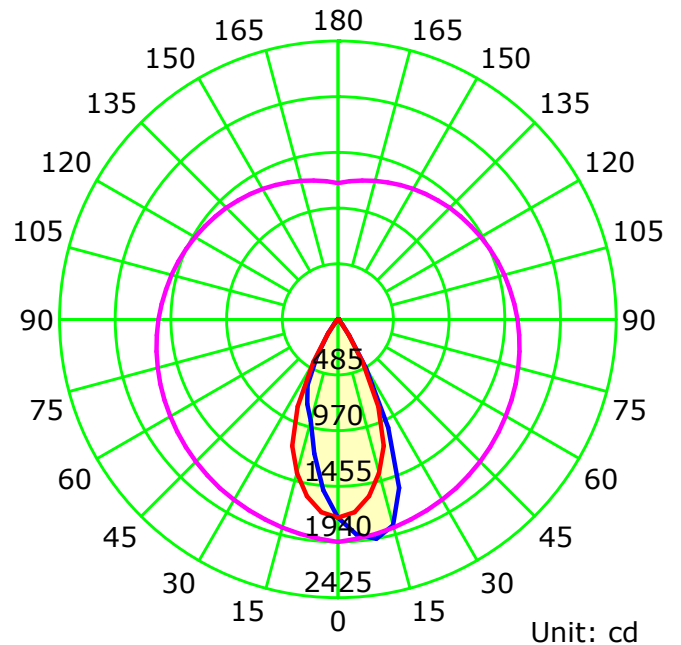
Central Intensity: 1726.39 cd

Pos of Max. Intensity: H0 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G10

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

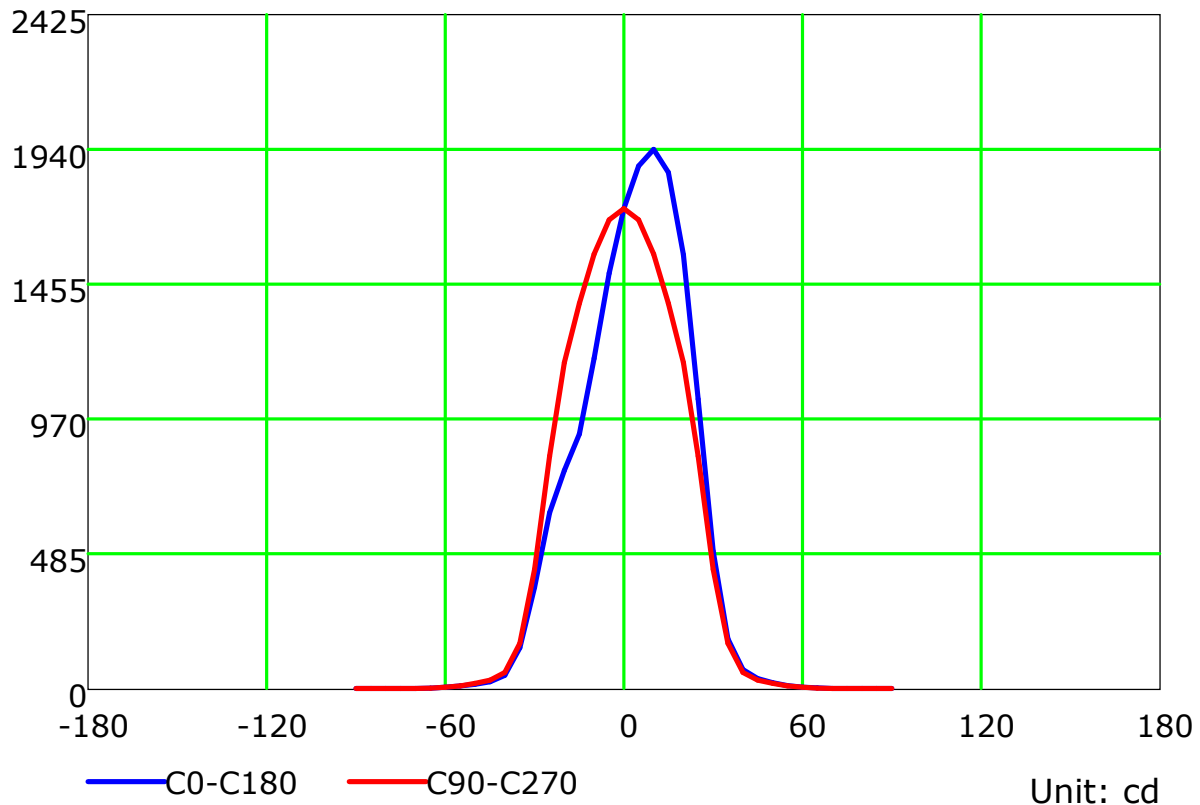
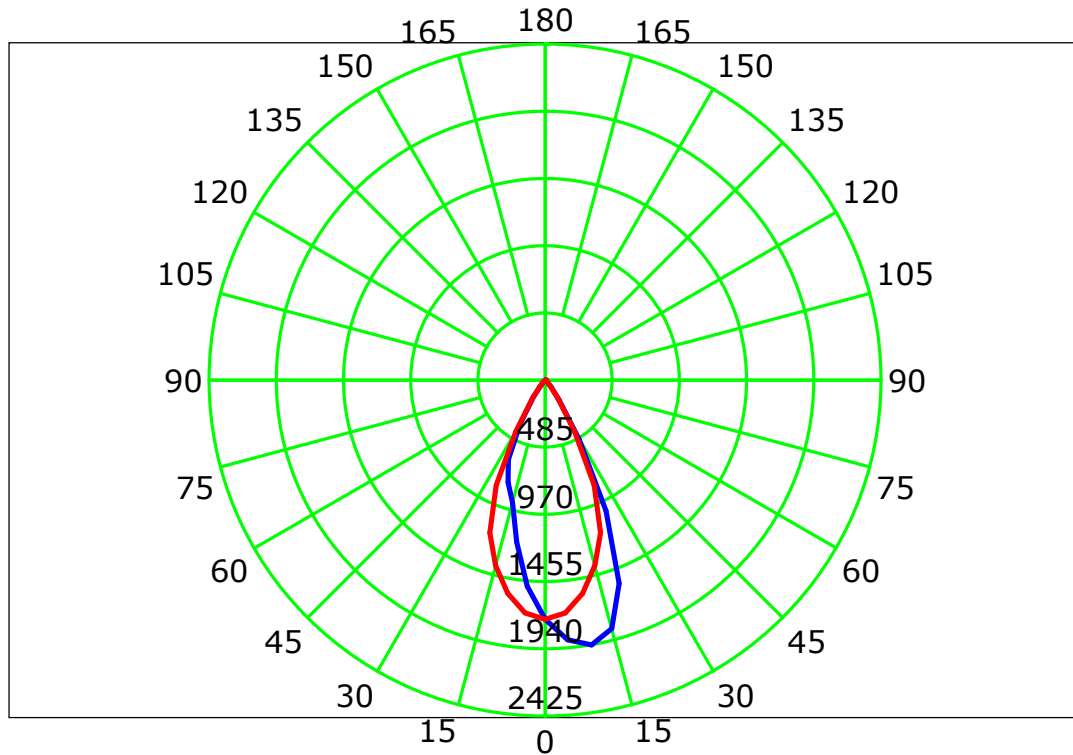
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

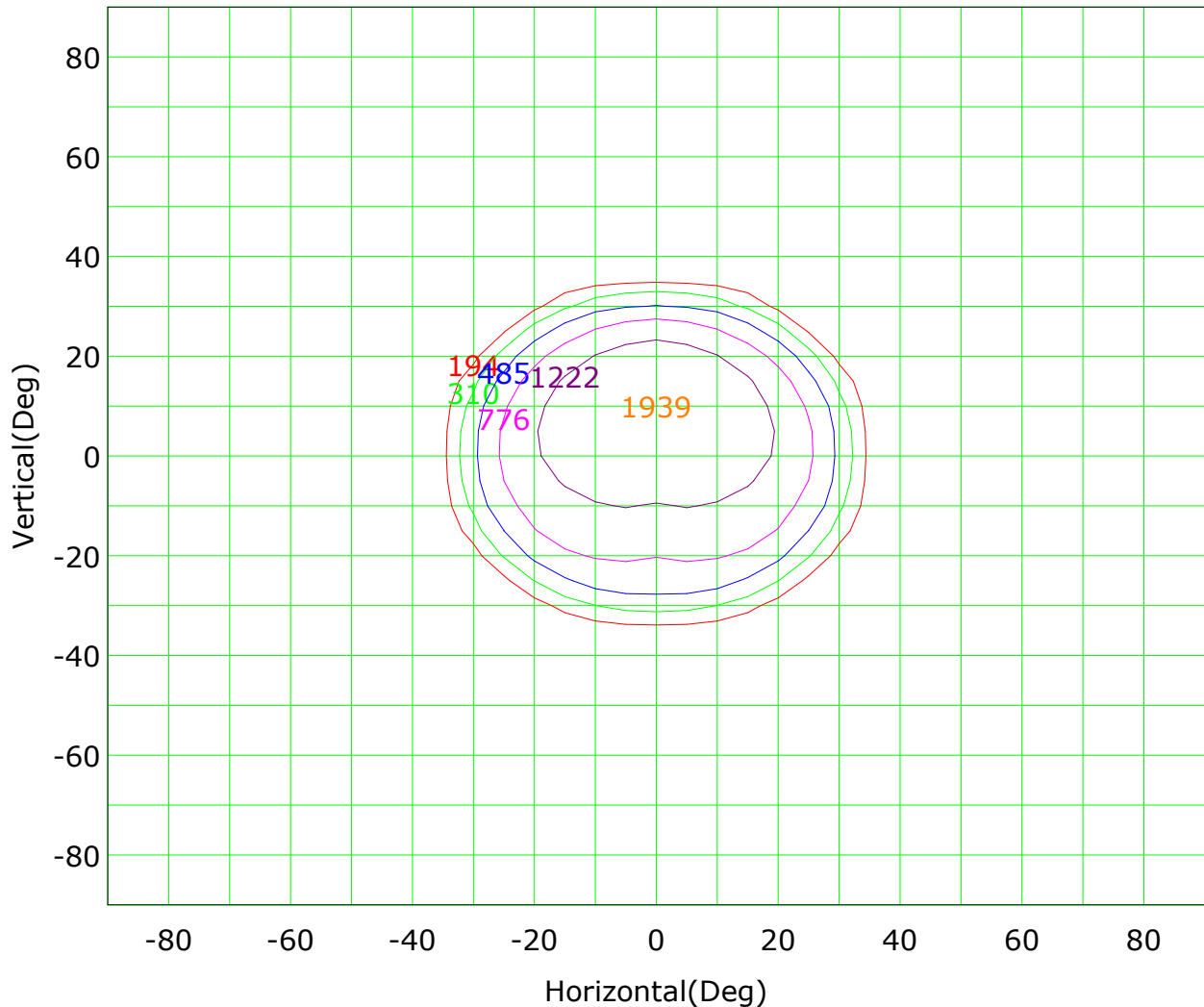
## Luminous Intensity Distribution Curve



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%): 1939 cd

( 10%): 194 cd	( 16%): 310 cd
( 25%): 485 cd	( 40%): 776 cd
( 63%): 1222 cd	(100%): 1939 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

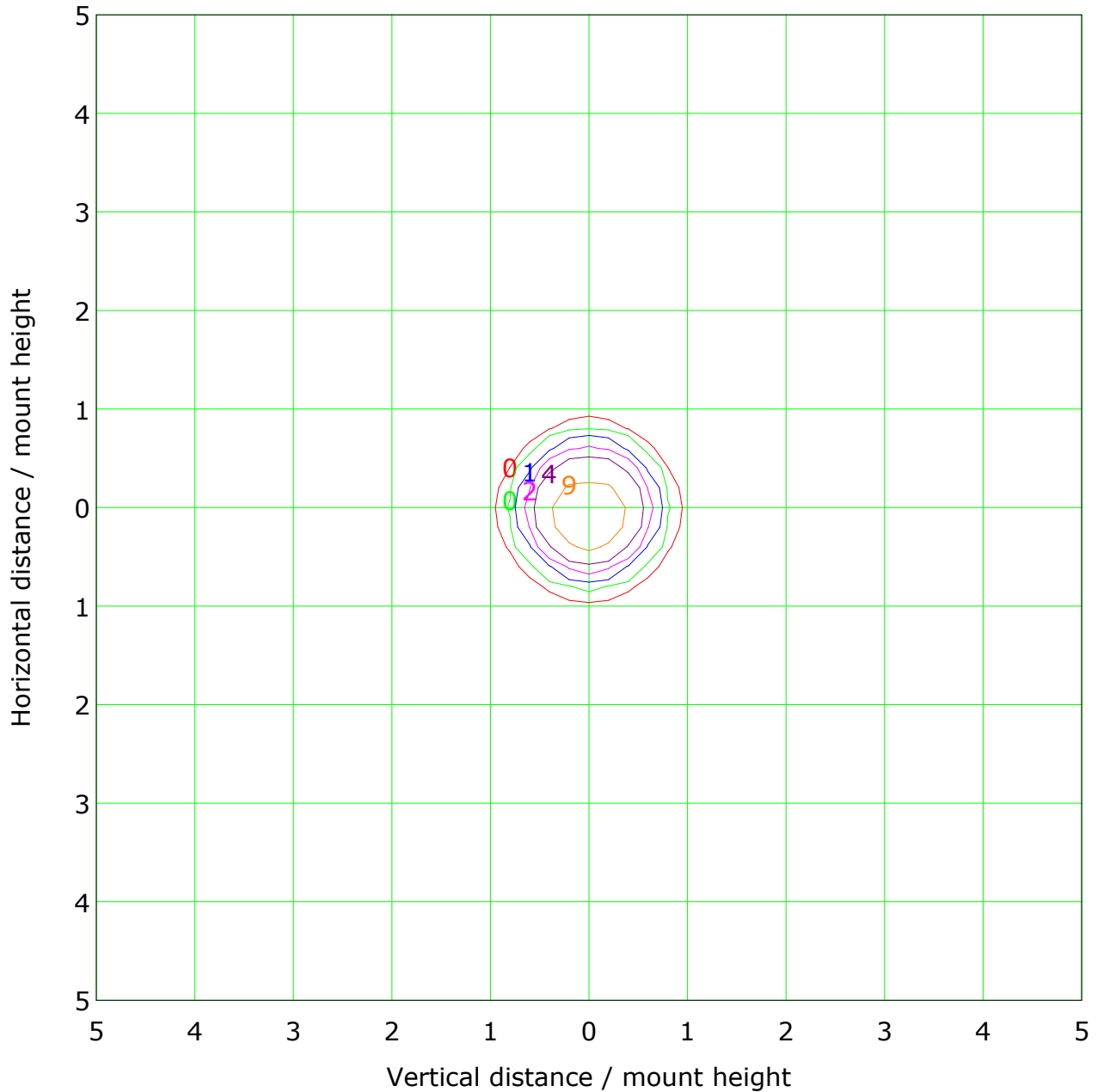
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 19 lx	
— ( 1%):	0 lx	— ( 2%):	0 lx
— ( 5%):	1 lx	— ( 10%):	2 lx
— ( 20%):	4 lx	— ( 50%):	9 lx
— (100%):	19 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

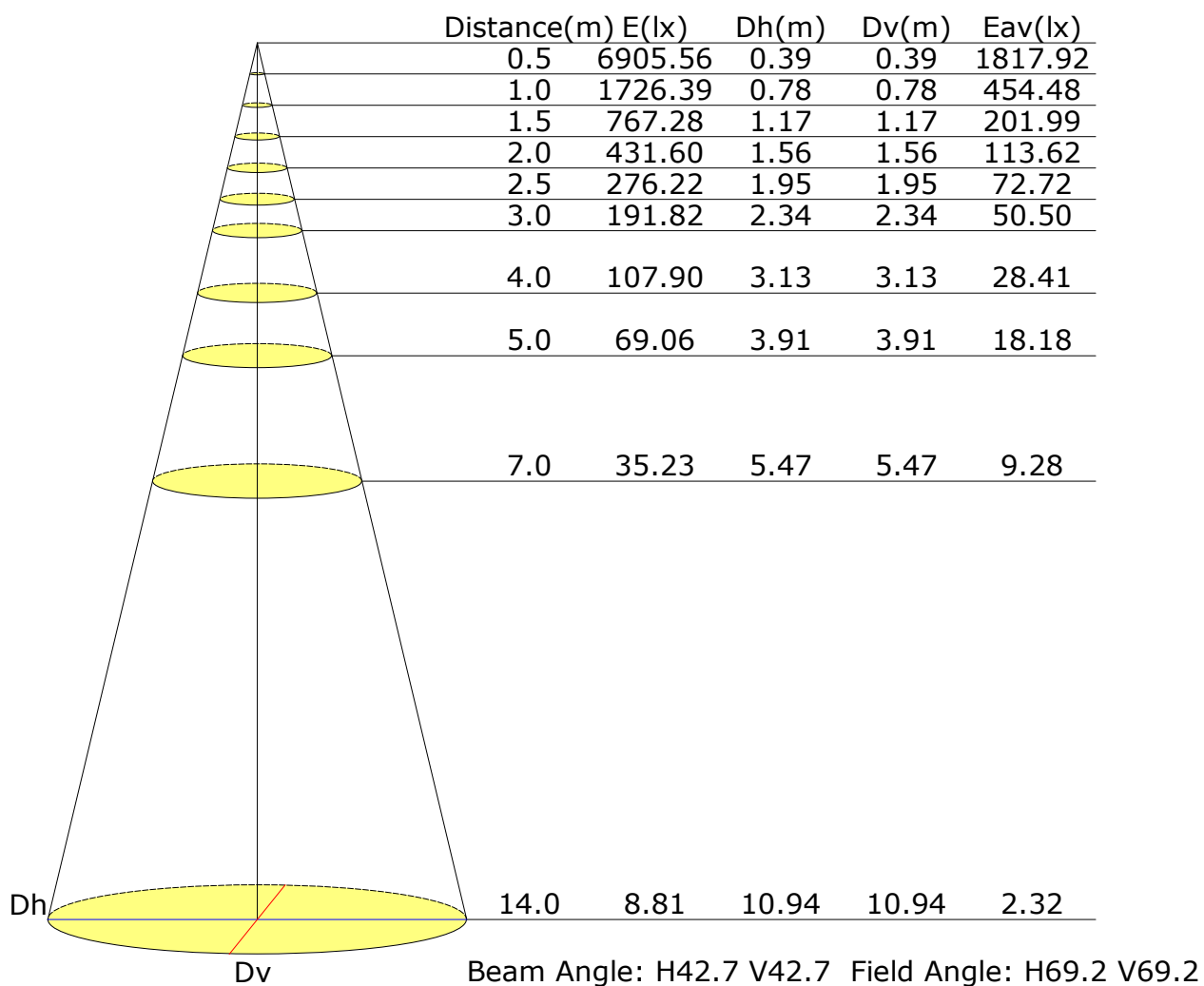
Test Device: CHL-6E

Distance: 3.000 m

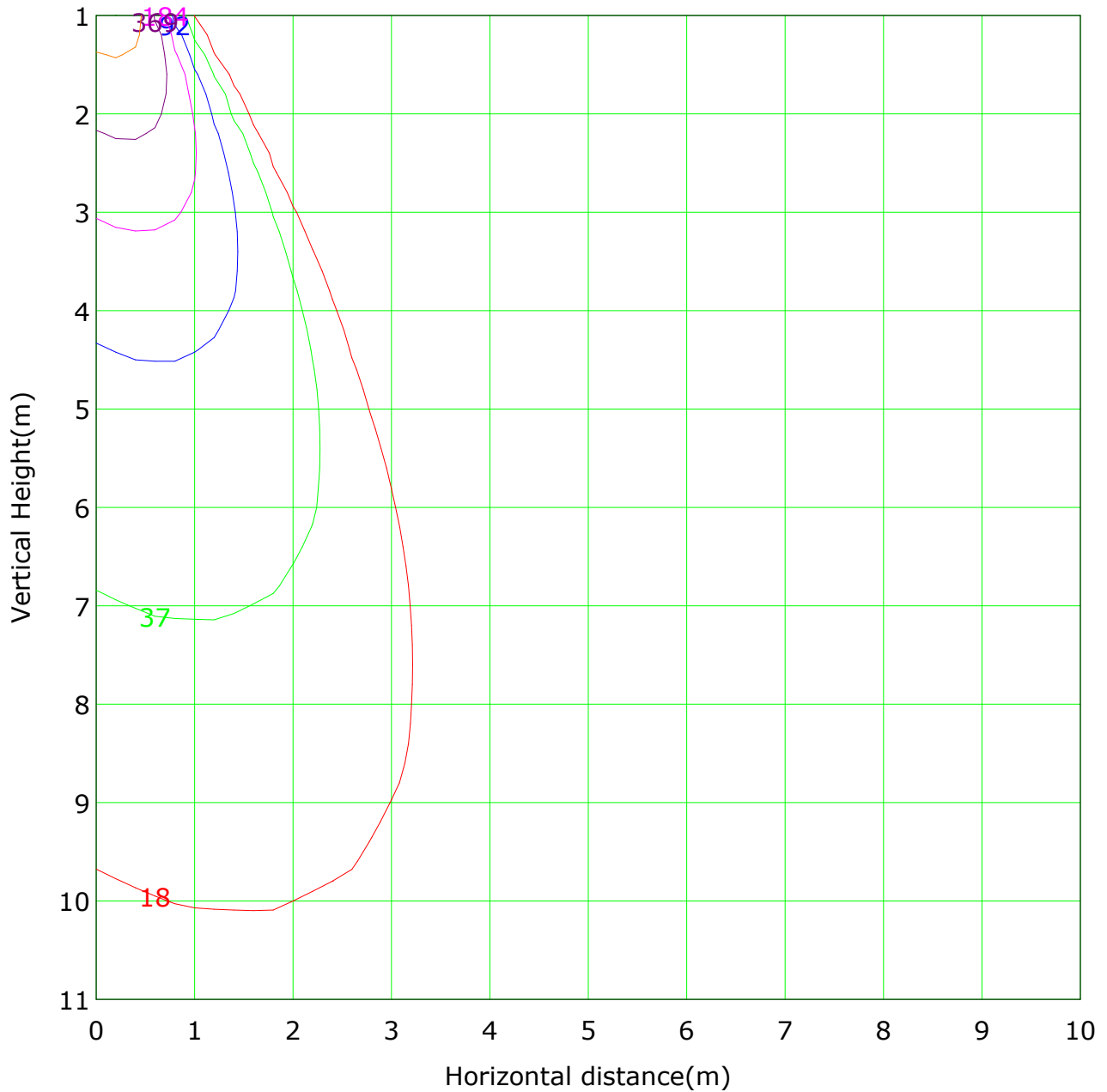
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



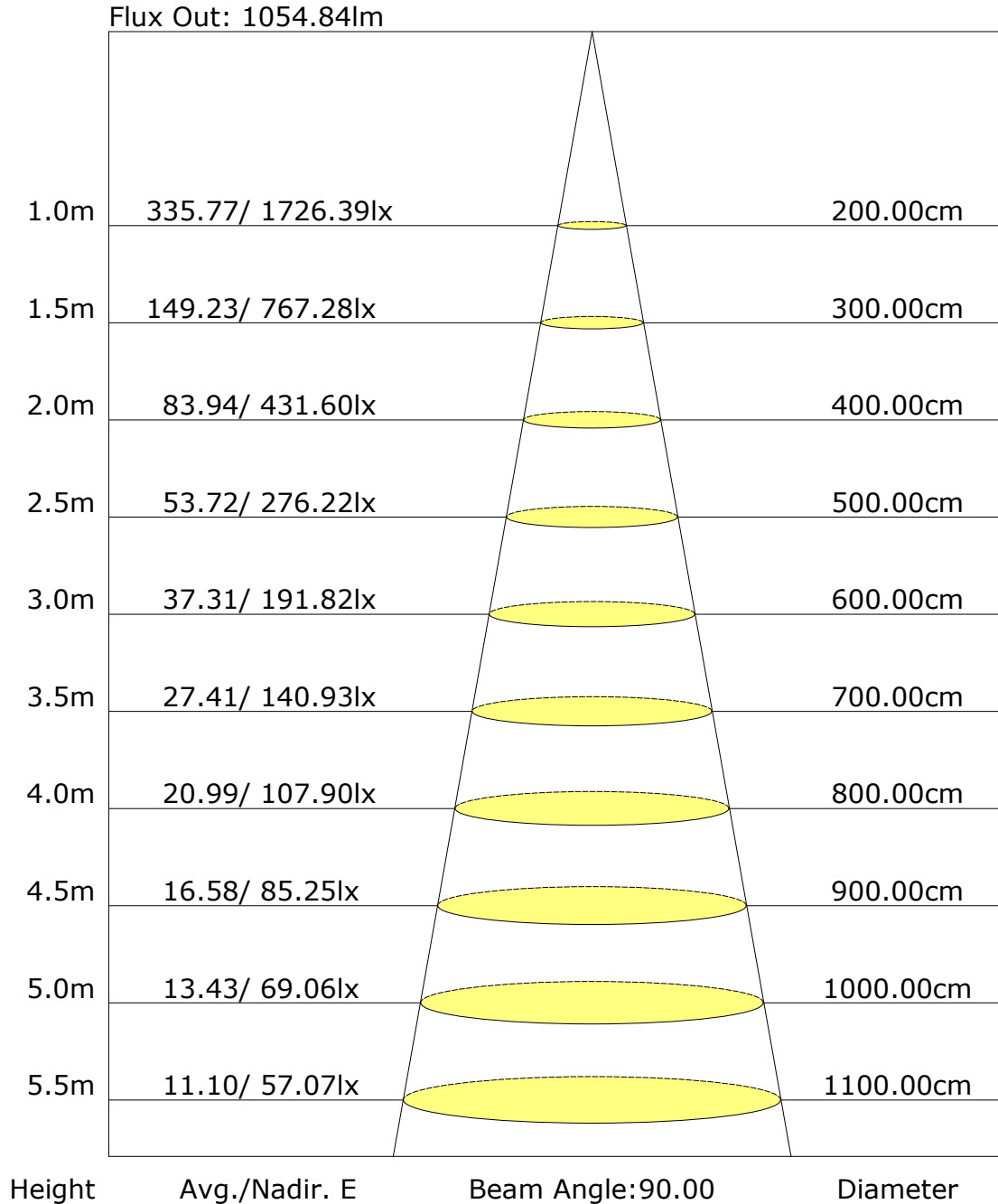
Lowest(m): 1m    Highest(m): 11    Max Lux: 1844

( 1%): 18 lx	( 2%): 37 lx
( 5%): 92 lx	( 10%): 184 lx
( 20%): 369 lx	( 50%): 922 lx
(100%): 1844 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:



## Unit: cd

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