

Report No.: 93.06211 ADJ

Test Time: 2023-09-15 13:59

## Luminaire Property

Luminaire Category:

Luminaire Description: Bridgelux V4HD 3000Voltage: 226.8 V

Current: 0.056 A

Power: 6.60 W

Power Factor: 0.518

## Photometric Results

CIE Class: Direct

Measurement Flux: 437.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H25.4

Vertical Diffuse Angle(50%): V25.4

Luminaire Efficacy Rating (LER): 66

Max. Intensity: 1904.34 cd

Total Rated Lamp Lumens: 437.6 lm

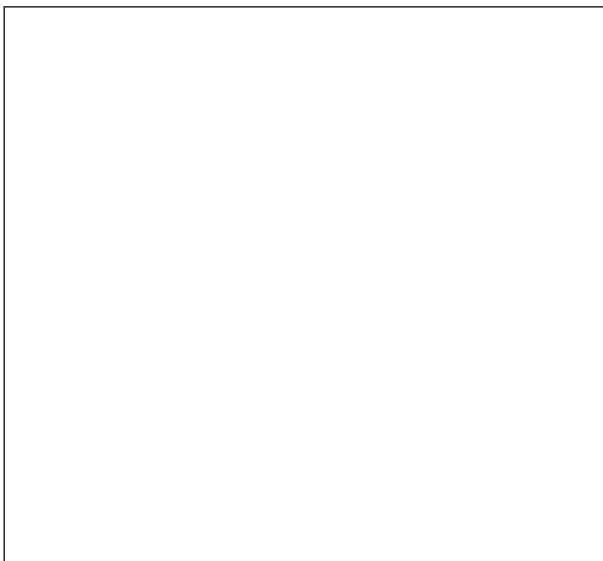
Efficiency: 100%

Upward Ratio: 0%

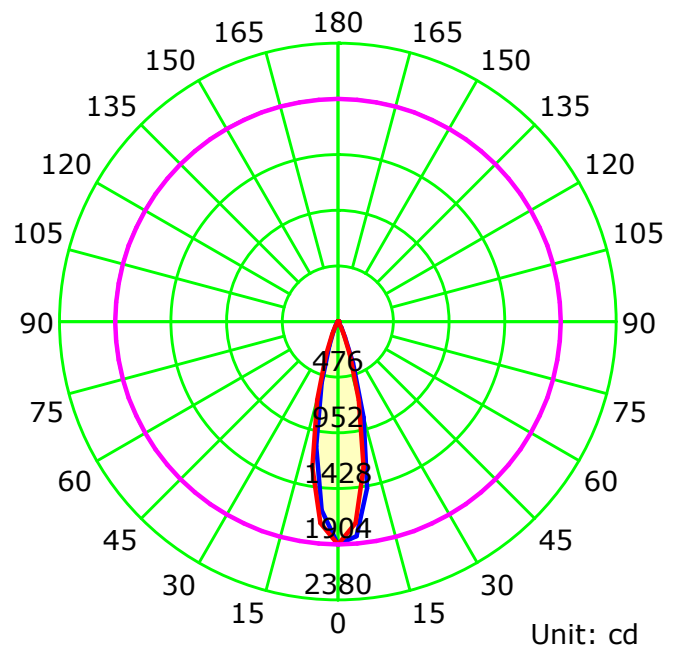
Central Intensity: 1904.34 cd

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

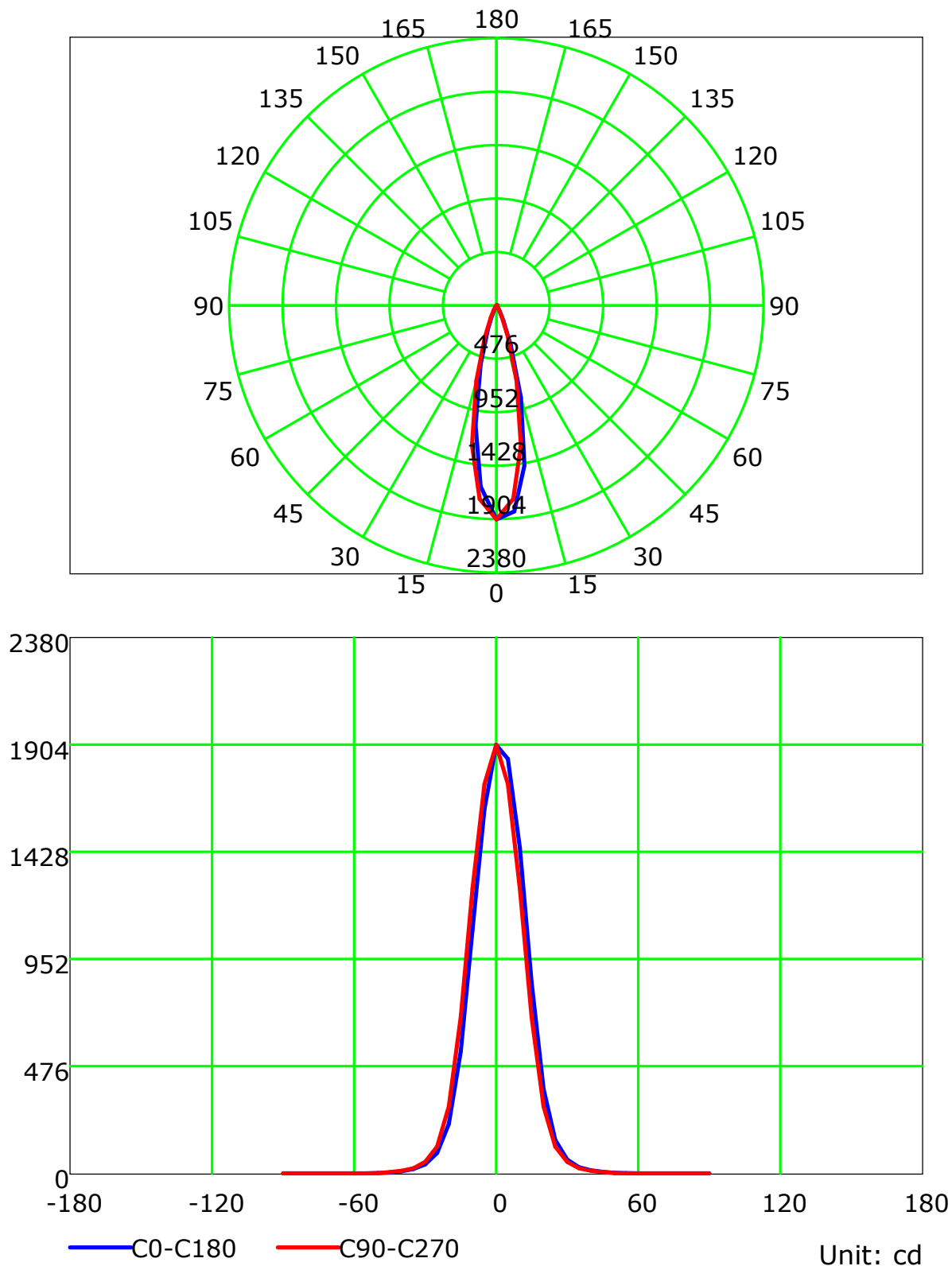
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

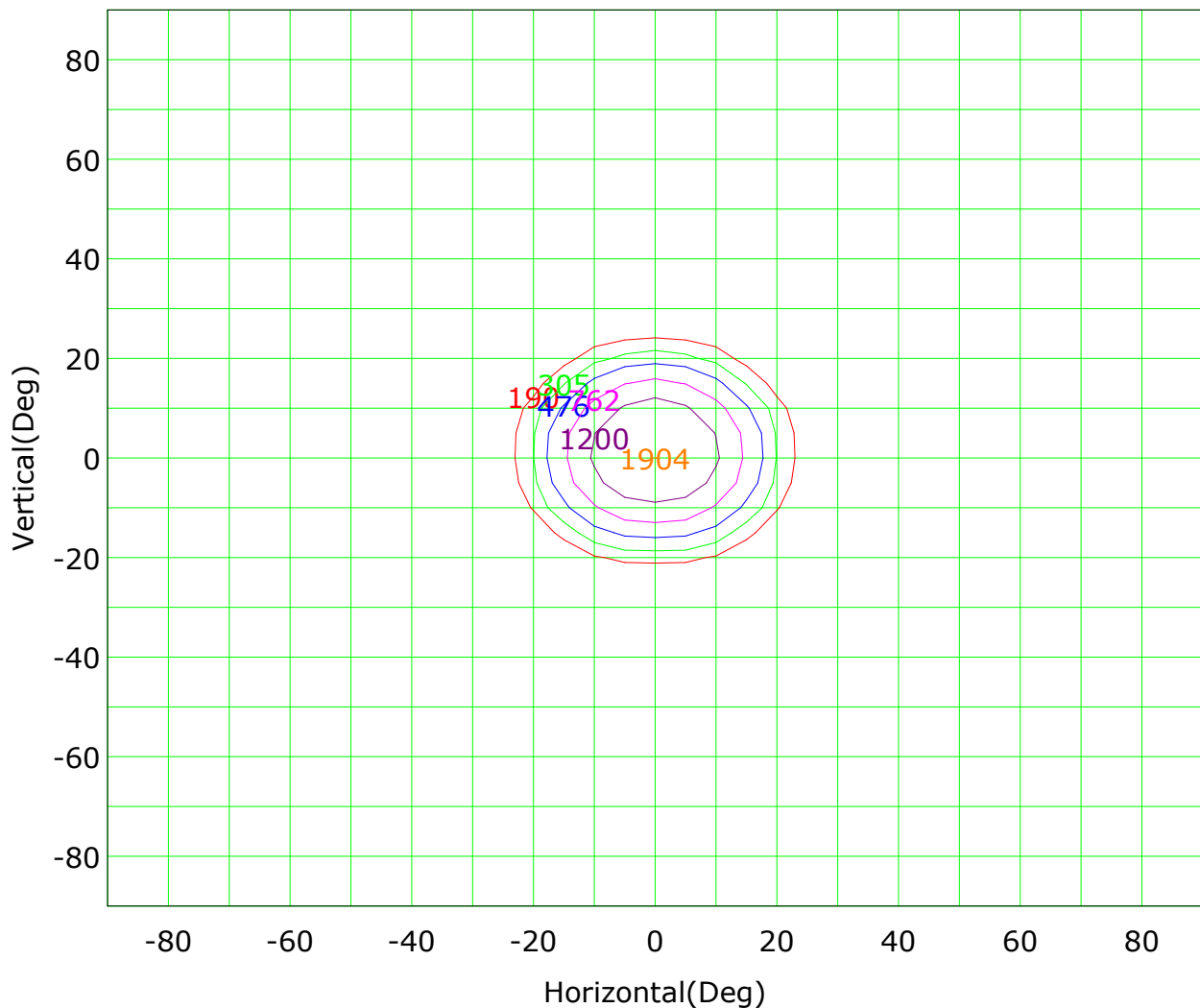
## Luminous Intensity Distribution Curve



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%): 1904 cd

( 10%): 190 cd	( 16%): 305 cd
( 25%): 476 cd	( 40%): 762 cd
( 63%): 1200 cd	(100%): 1904 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

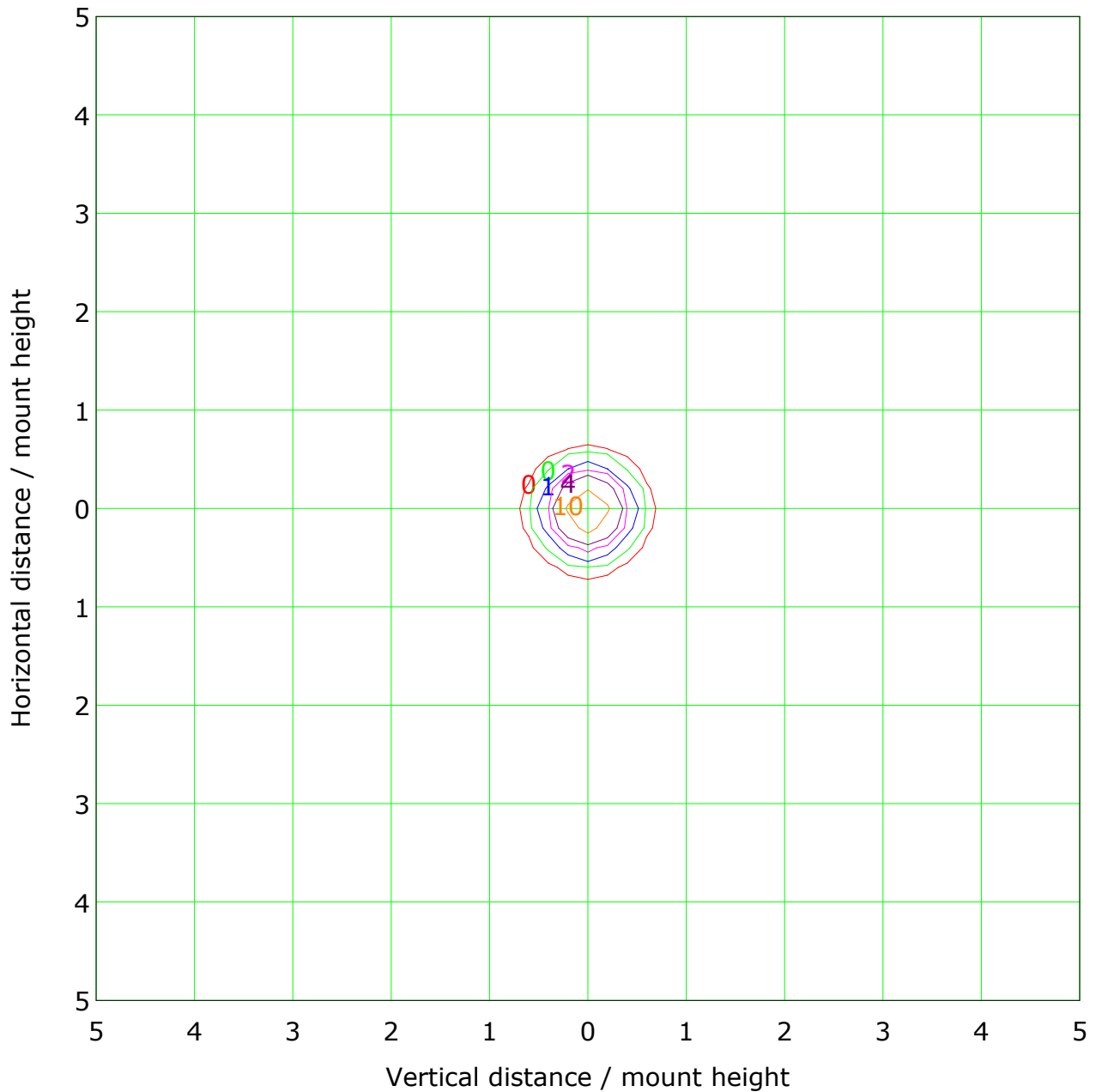
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

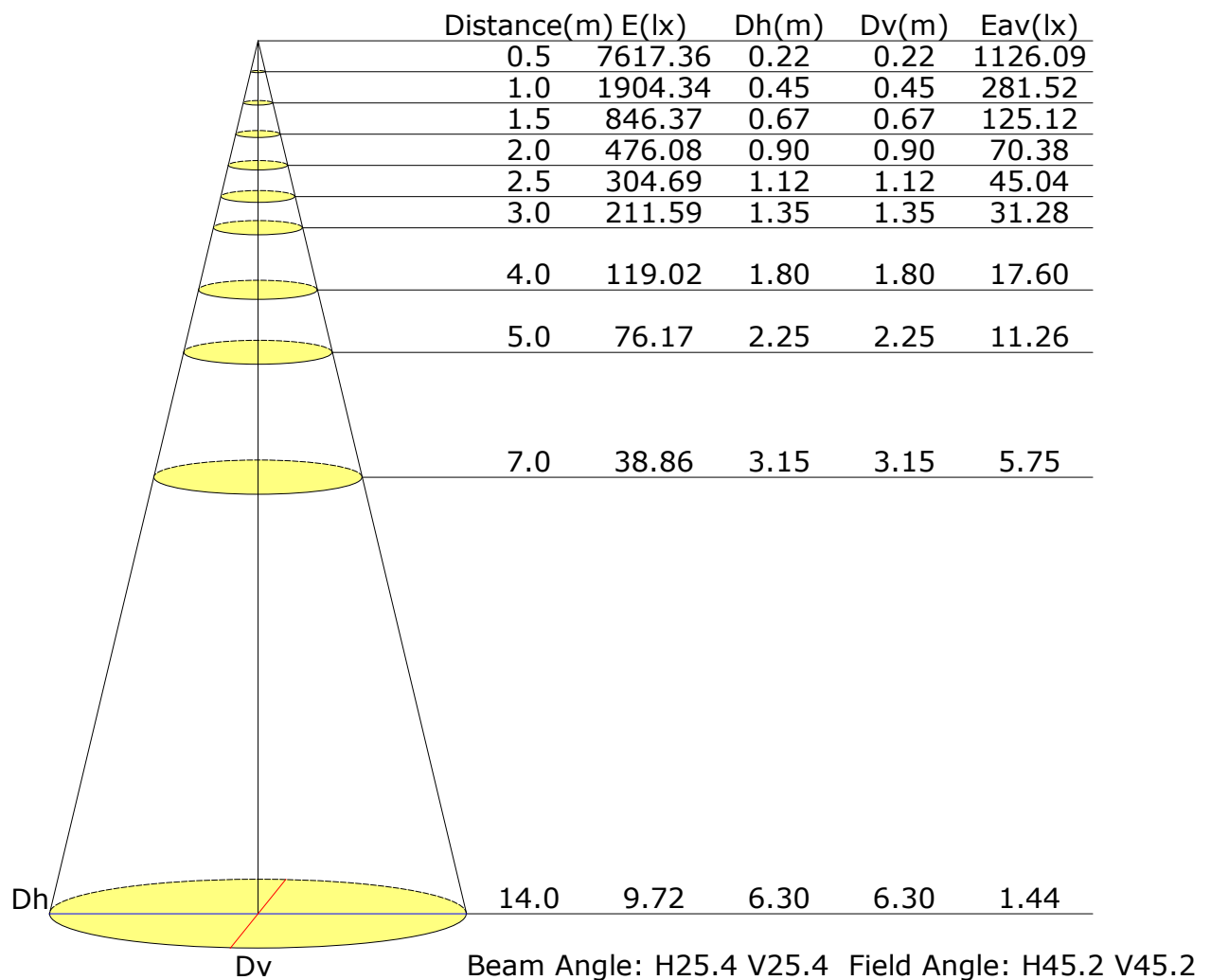


Mounting Height: 10m    Max Lux(100%): 19 lx			
— ( 1%):	0 lx	— ( 2%):	0 lx
— ( 5%):	1 lx	— ( 10%):	2 lx
— ( 20%):	4 lx	— ( 50%):	10 lx
— (100%):	19 lx		

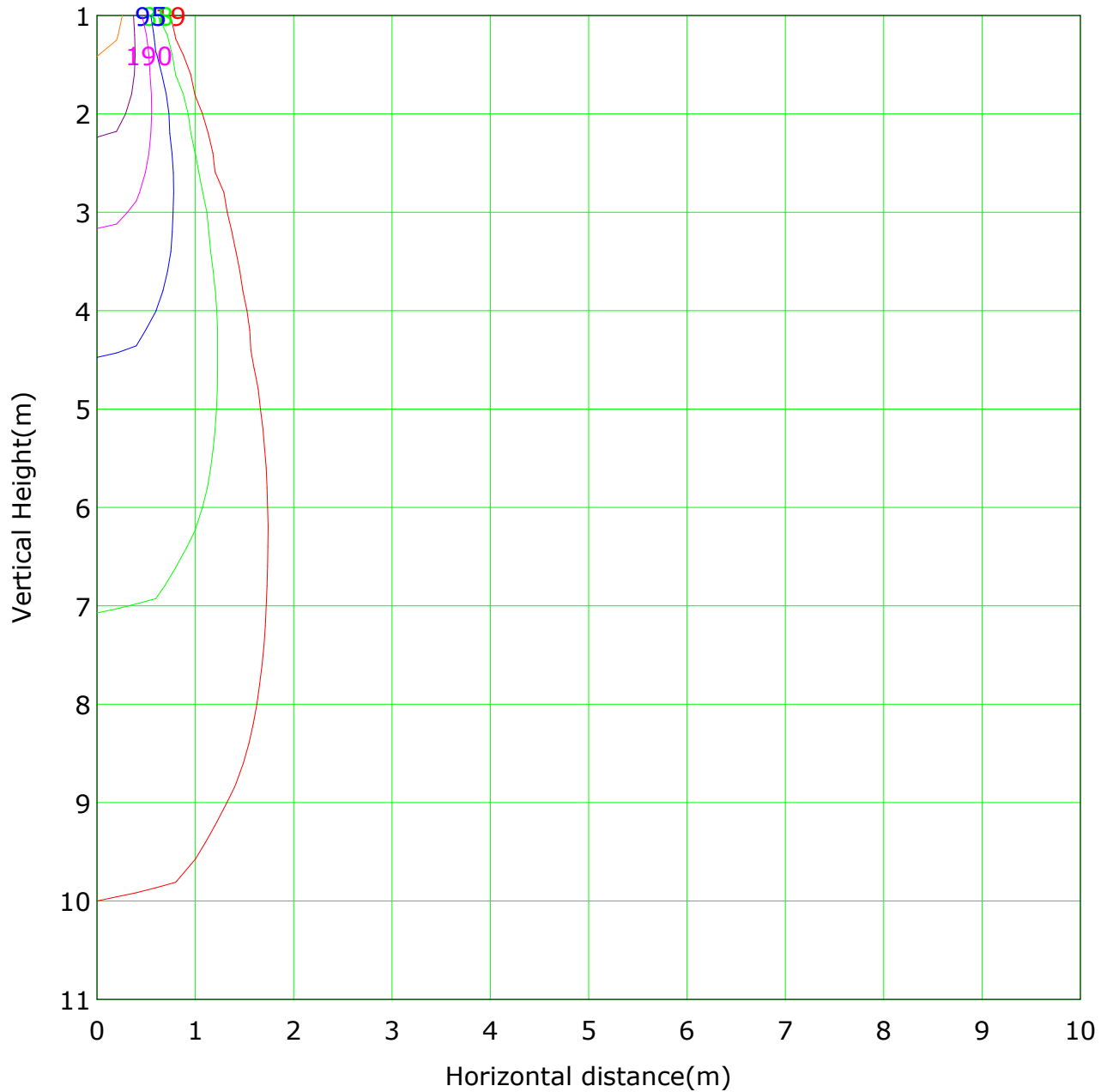
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



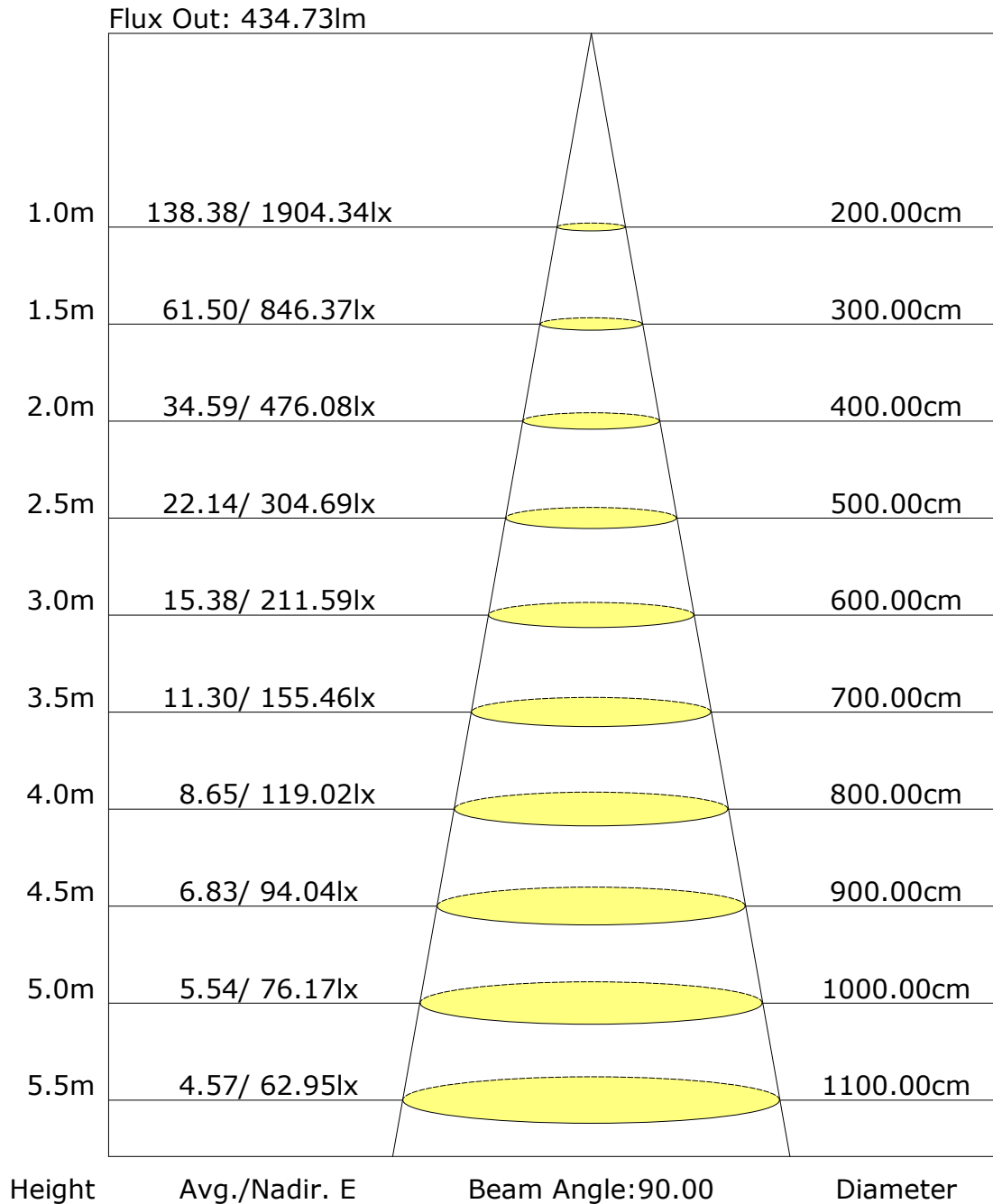
Lowest(m): 1m    Highest(m): 11    Max Lux: 1904

( 1%): 19 lx	( 2%): 38 lx
( 5%): 95 lx	( 10%): 190 lx
( 20%): 381 lx	( 50%): 952 lx
(100%): 1904 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: