

Report No.: 94.08011 SQF Surfae Mounted Test Time: 2023-07-06 21:02

## Luminaire Property

Luminaire Category: Citizen 701 3000K CRI90

Luminaire Description: 26D

Current: 0.047 A

Power Factor: 0.511

Voltage: 213.7 V

Power: 5.20 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 446.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H26.5

Vertical Diffuse Angle(50%): V26.5

Luminaire Efficacy Rating (LER): 86

Max. Intensity: 1867.83 cd

Total Rated Lamp Lumens: 446.5 lm

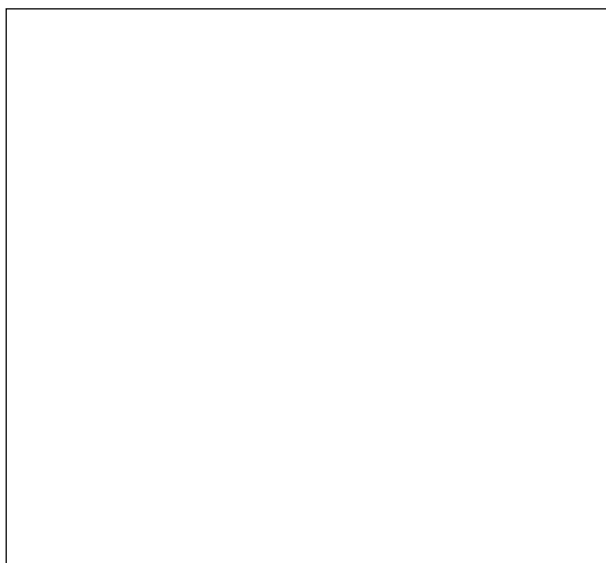
Efficiency: 100%

Upward Ratio: 0%

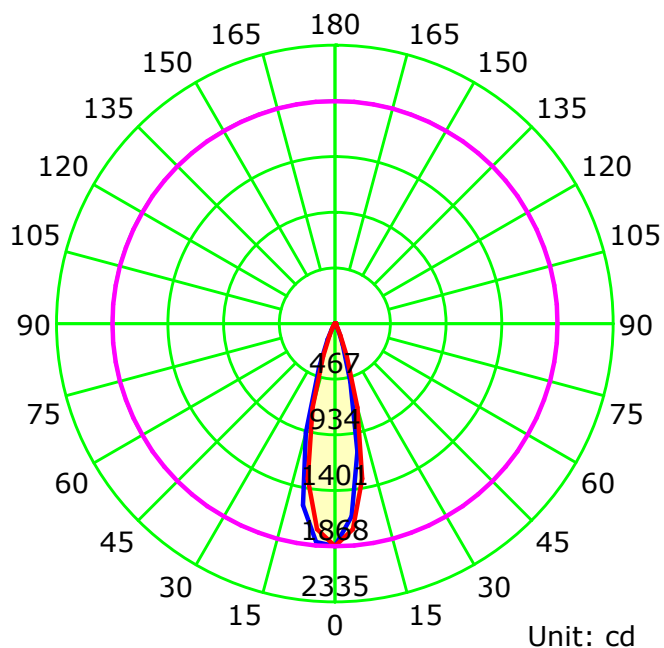
Central Intensity: 1867.83 cd

Pos of Max. Intensity: H0 V0

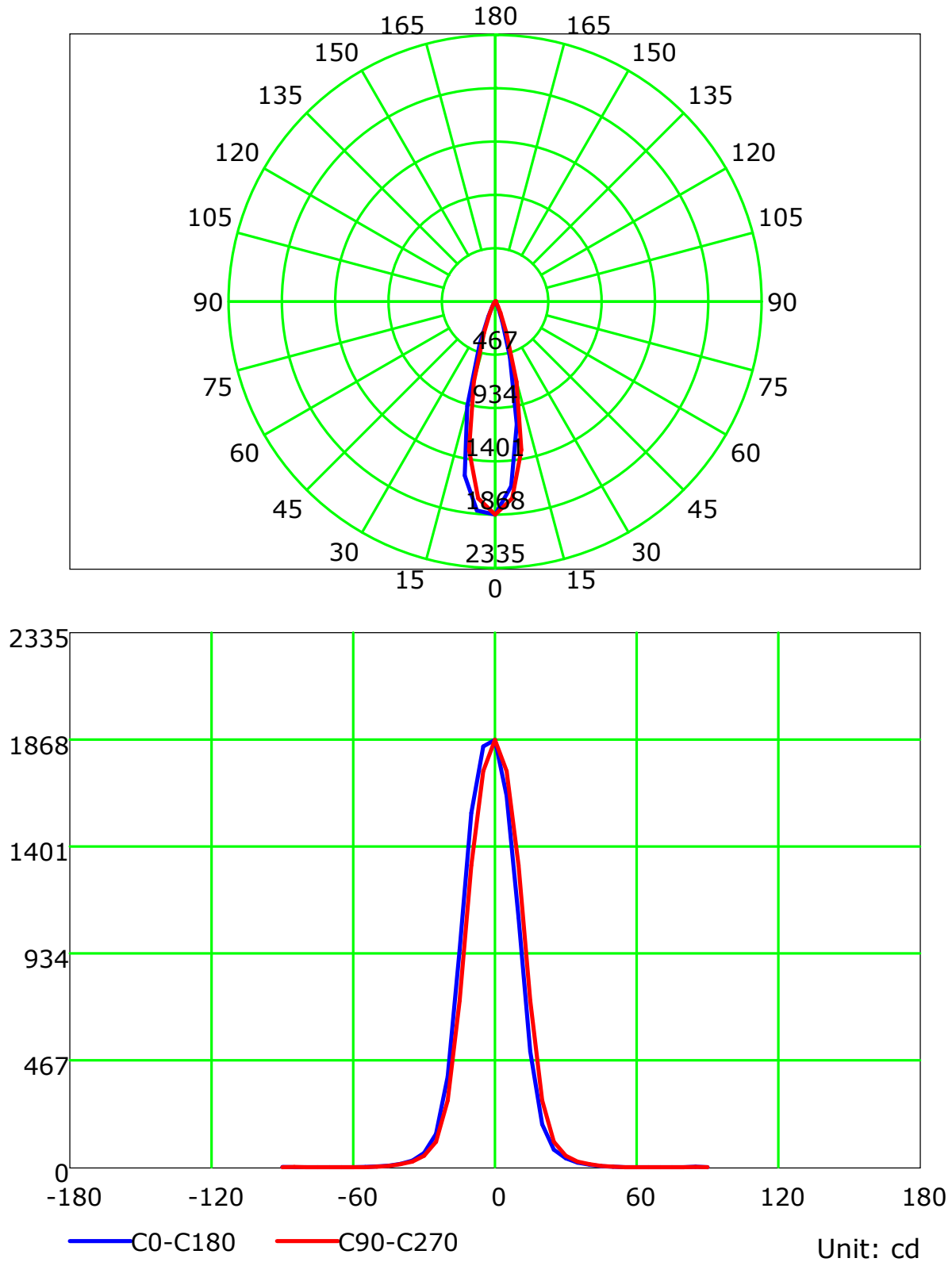
Picture Of Luminaire



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

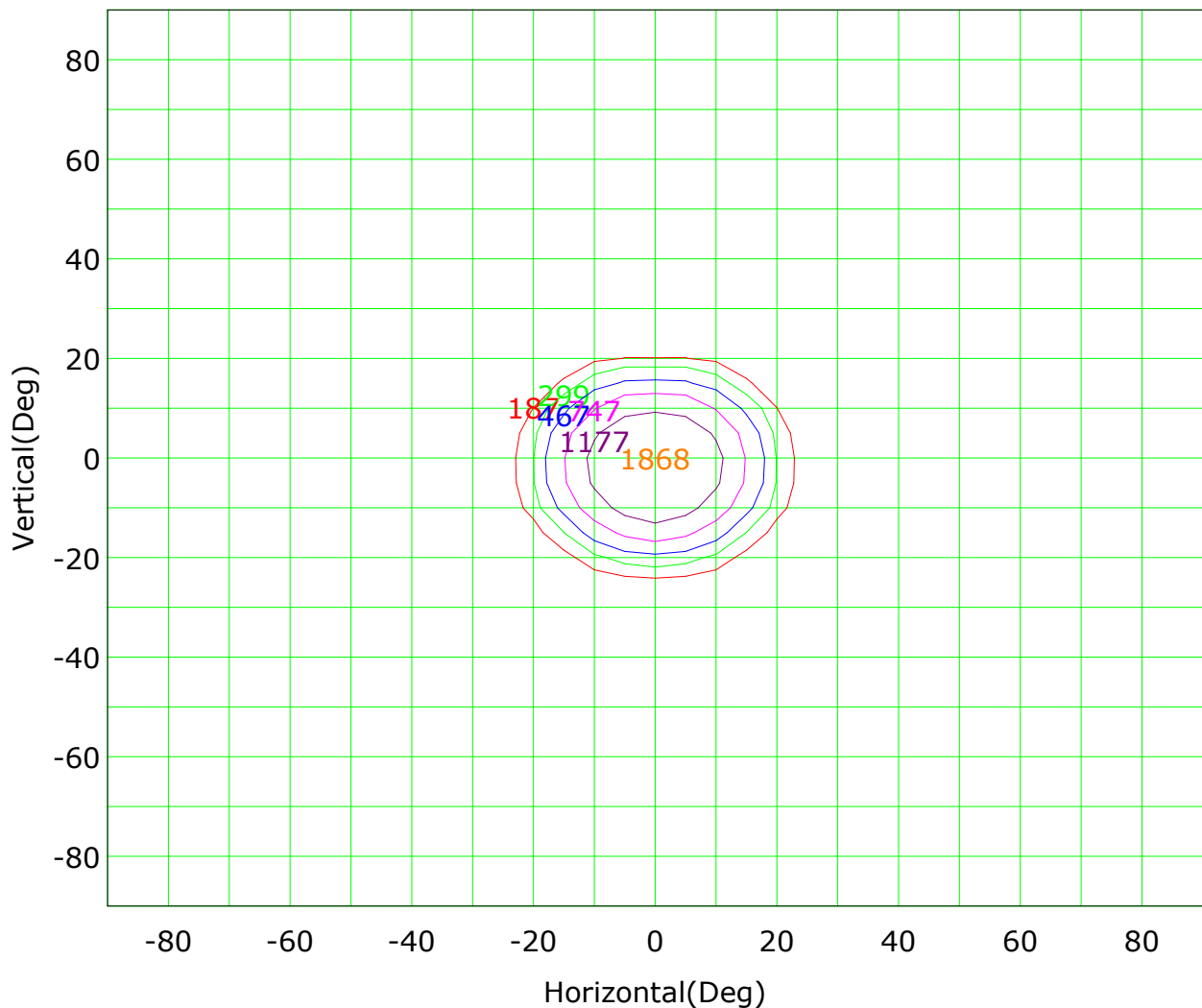
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Isocandela (rectangle)



Imax (100%): 1868 cd

( 10%): 187 cd	( 16%): 299 cd
( 25%): 467 cd	( 40%): 747 cd
( 63%): 1177 cd	(100%): 1868 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

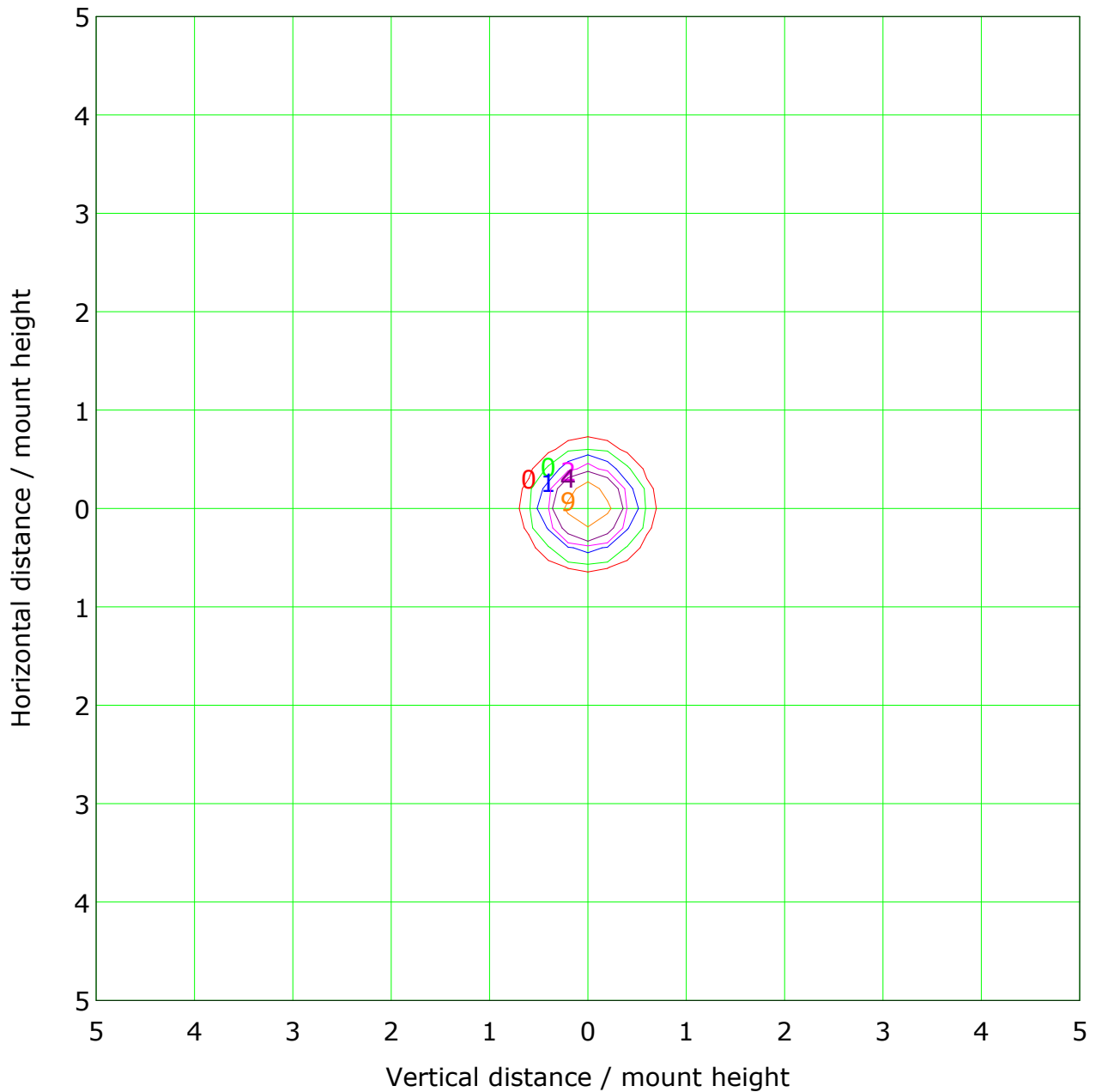
Test Device: CHL-6E

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

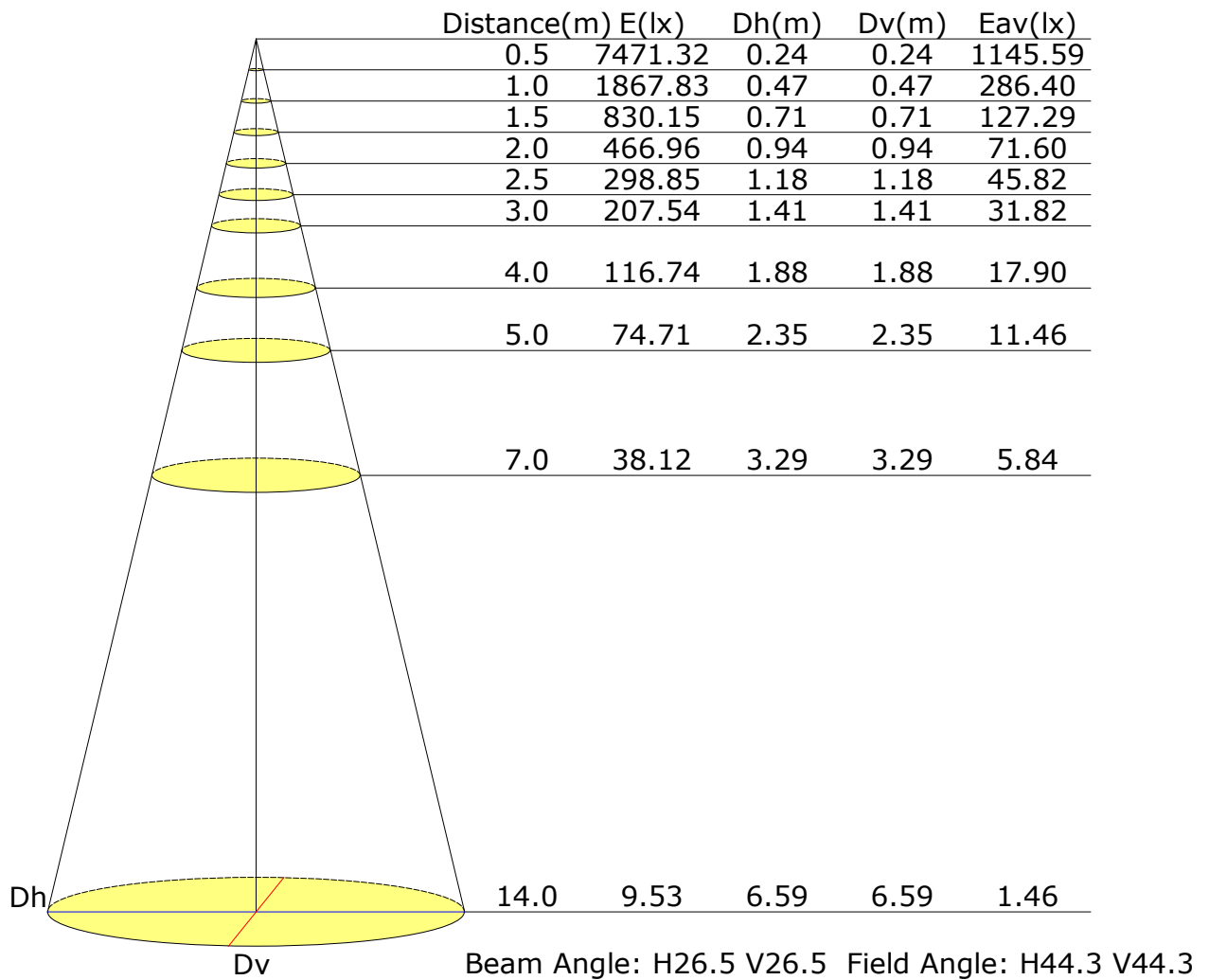
Test Device: CHL-6E

Distance: 3.000 m

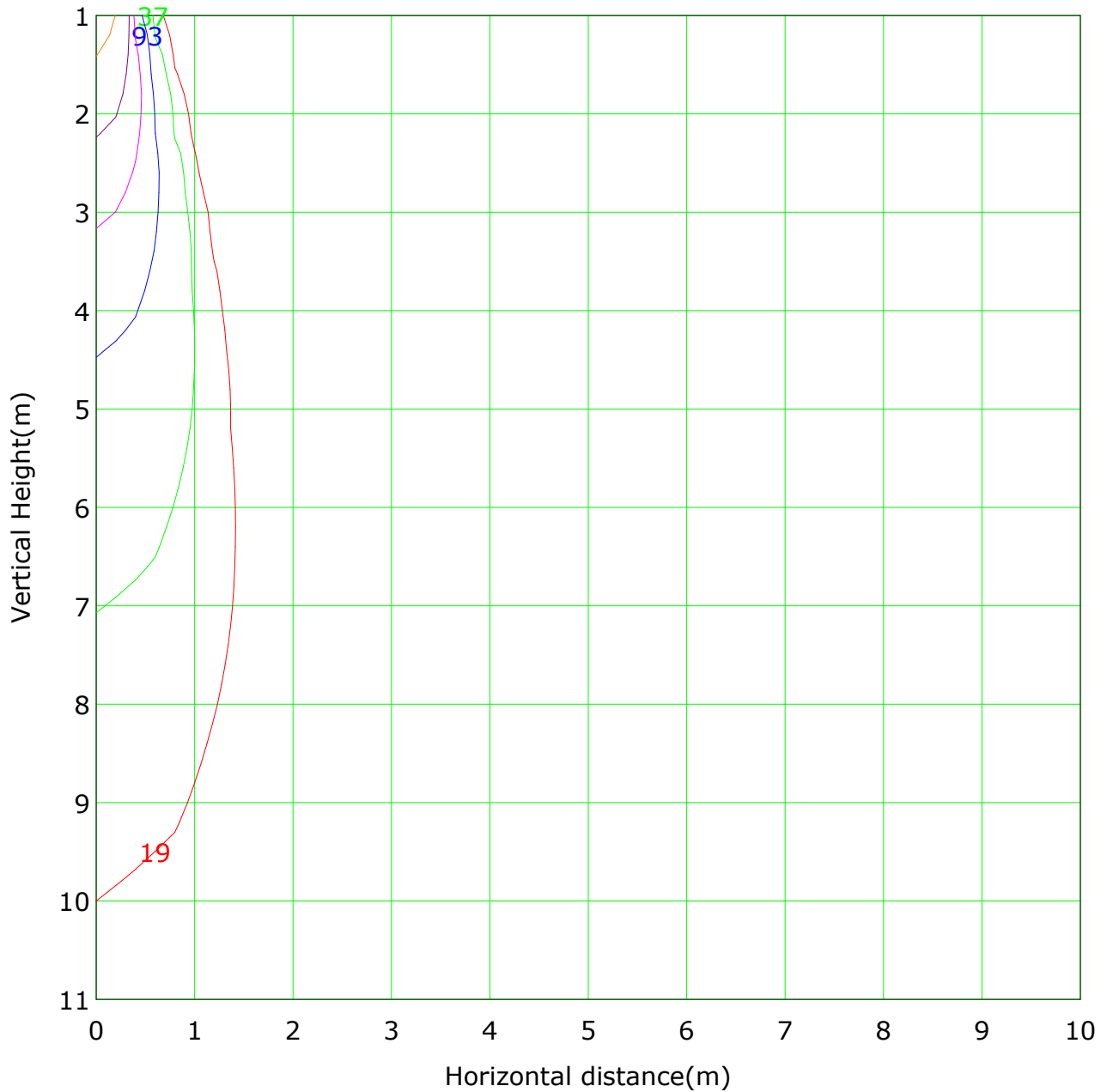
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



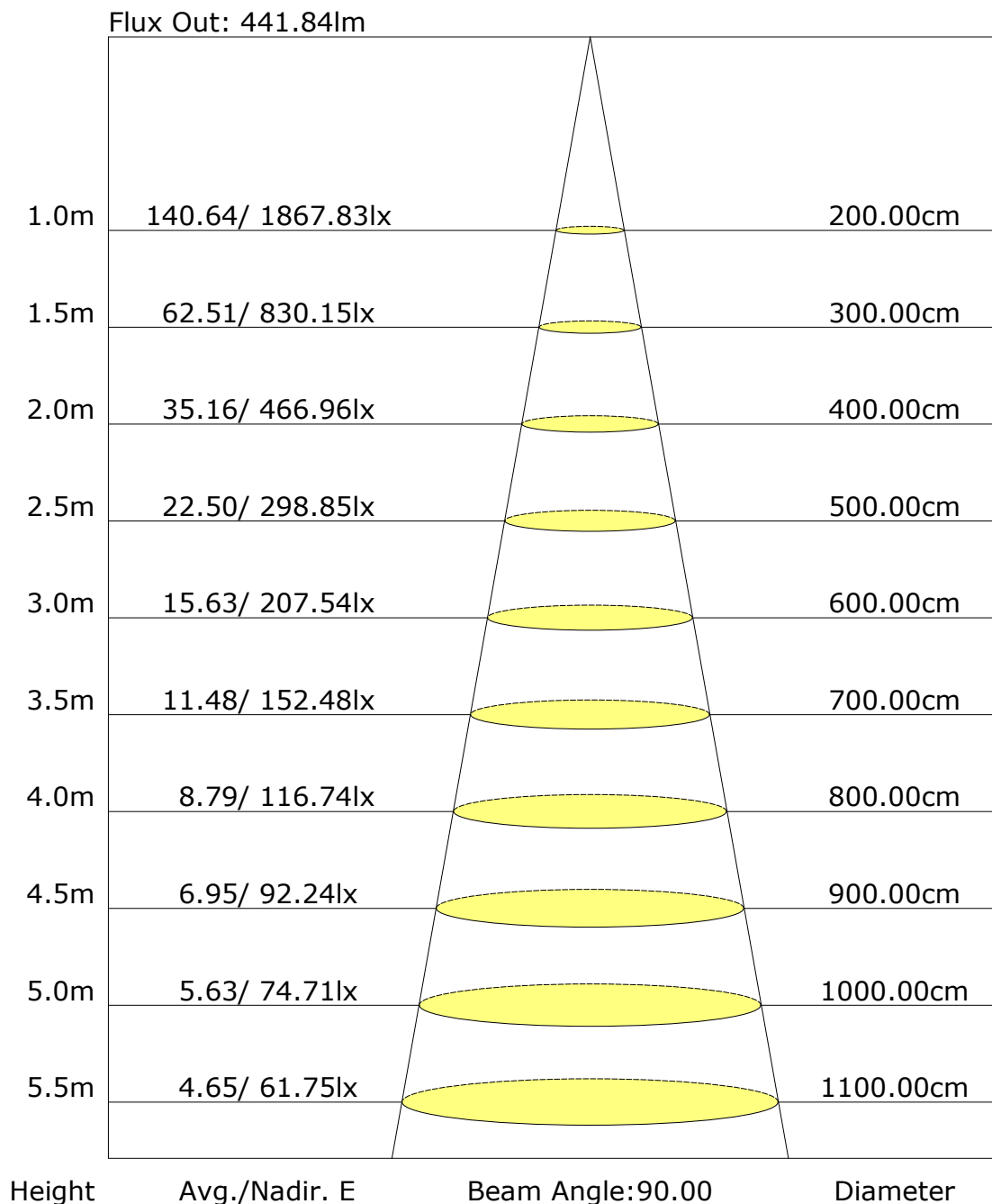
Lowest(m): 1m    Highest(m): 11    Max Lux: 1868

( 1%): 19 lx	( 2%): 37 lx
( 5%): 93 lx	( 10%): 187 lx
( 20%): 374 lx	( 50%): 934 lx
(100%): 1868 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:

## Zonal Lumen

[illegible]

Inspector:



## Candlepower Table

Unit: cd

[illegible]

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: