

Report No.: 32.05522 Tracklight

Test Time: 2023-07-13 15:17

## Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Voltage: 207.6 V

Current: 0.121 A

Power: 14.40 W

Power Factor: 0.573

## Photometric Results

CIE Class: Direct

Measurement Flux: 1046.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H51

Vertical Diffuse Angle(50%): V51

Luminaire Efficacy Rating (LER): 73

Max. Intensity: 1543.9 cd

Total Rated Lamp Lumens: 1046.8 lm

Efficiency: 100%

Upward Ratio: 0%

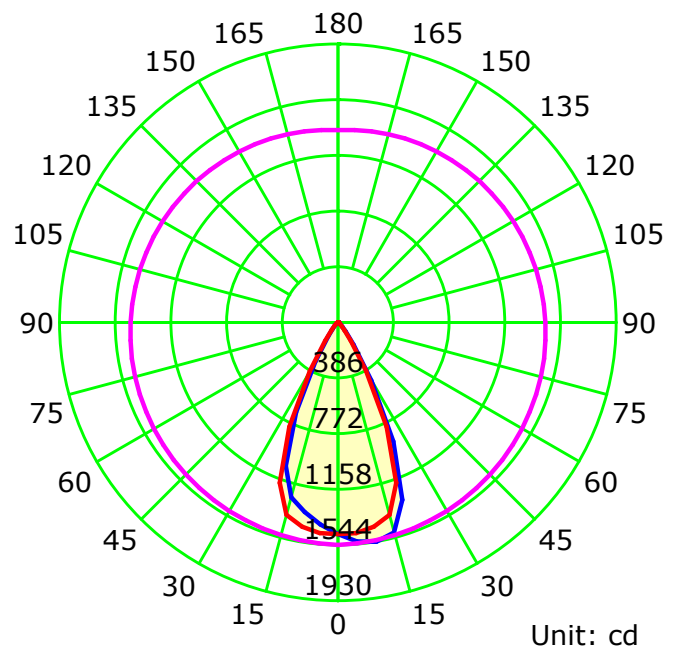
Central Intensity: 1467.02 cd

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

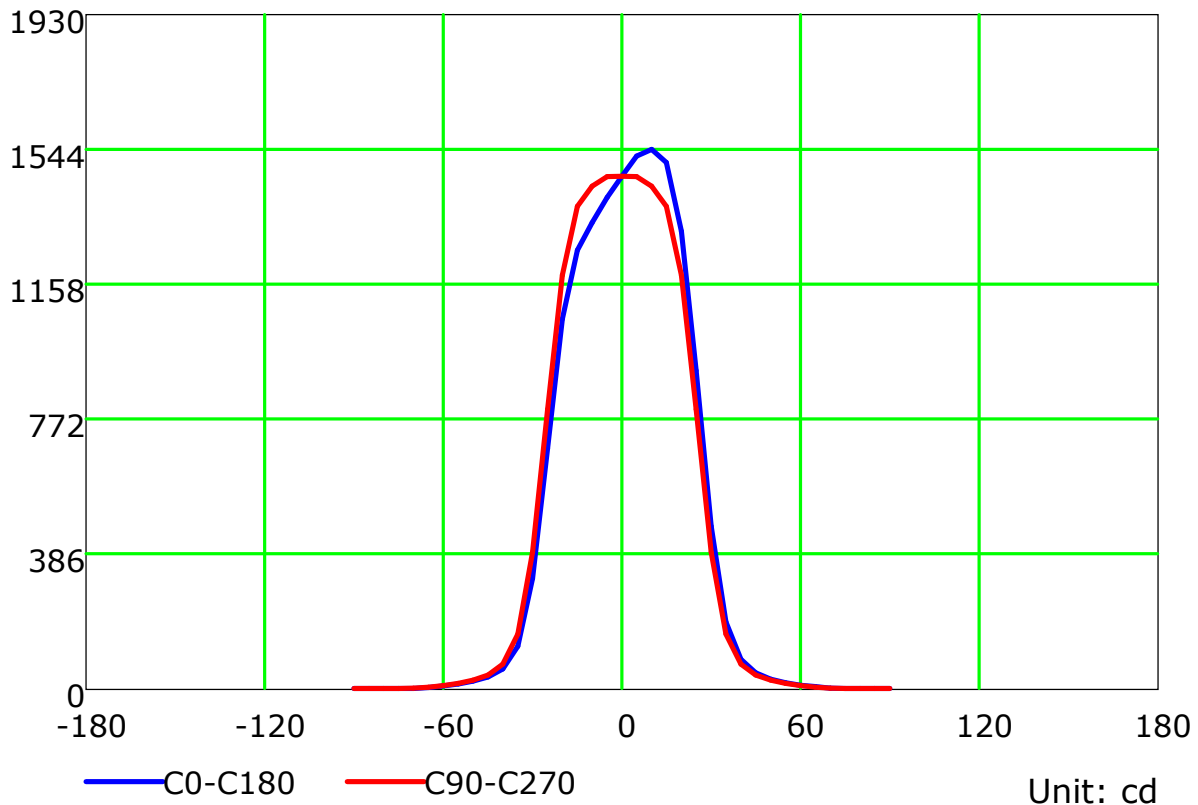
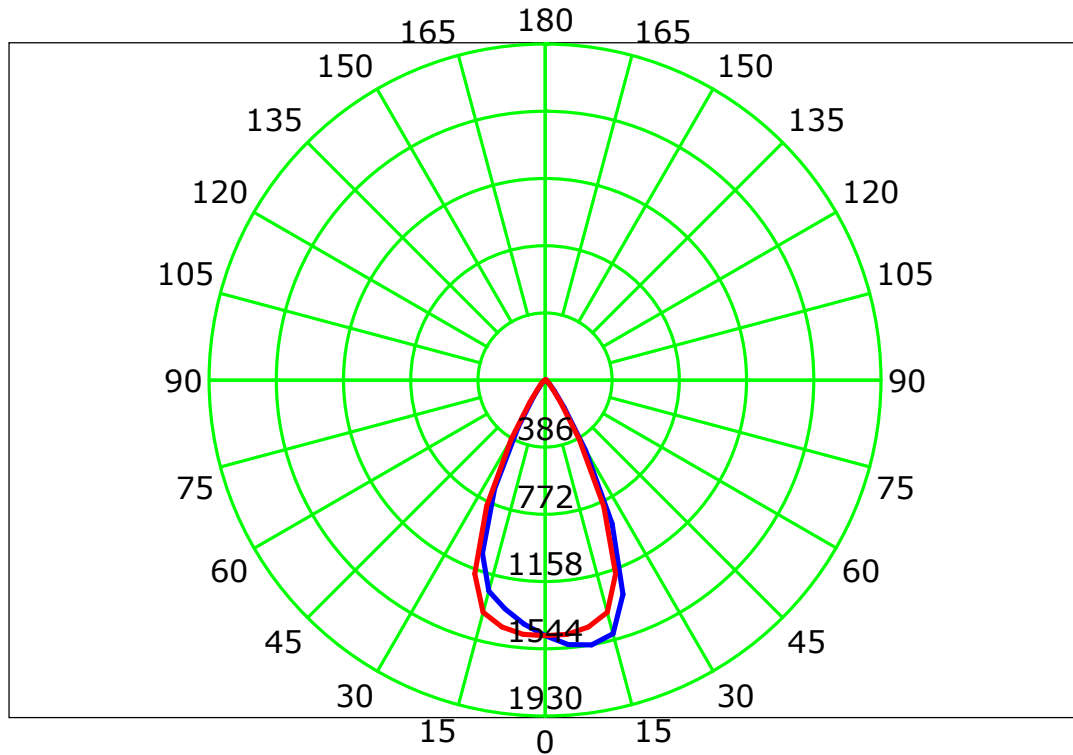
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

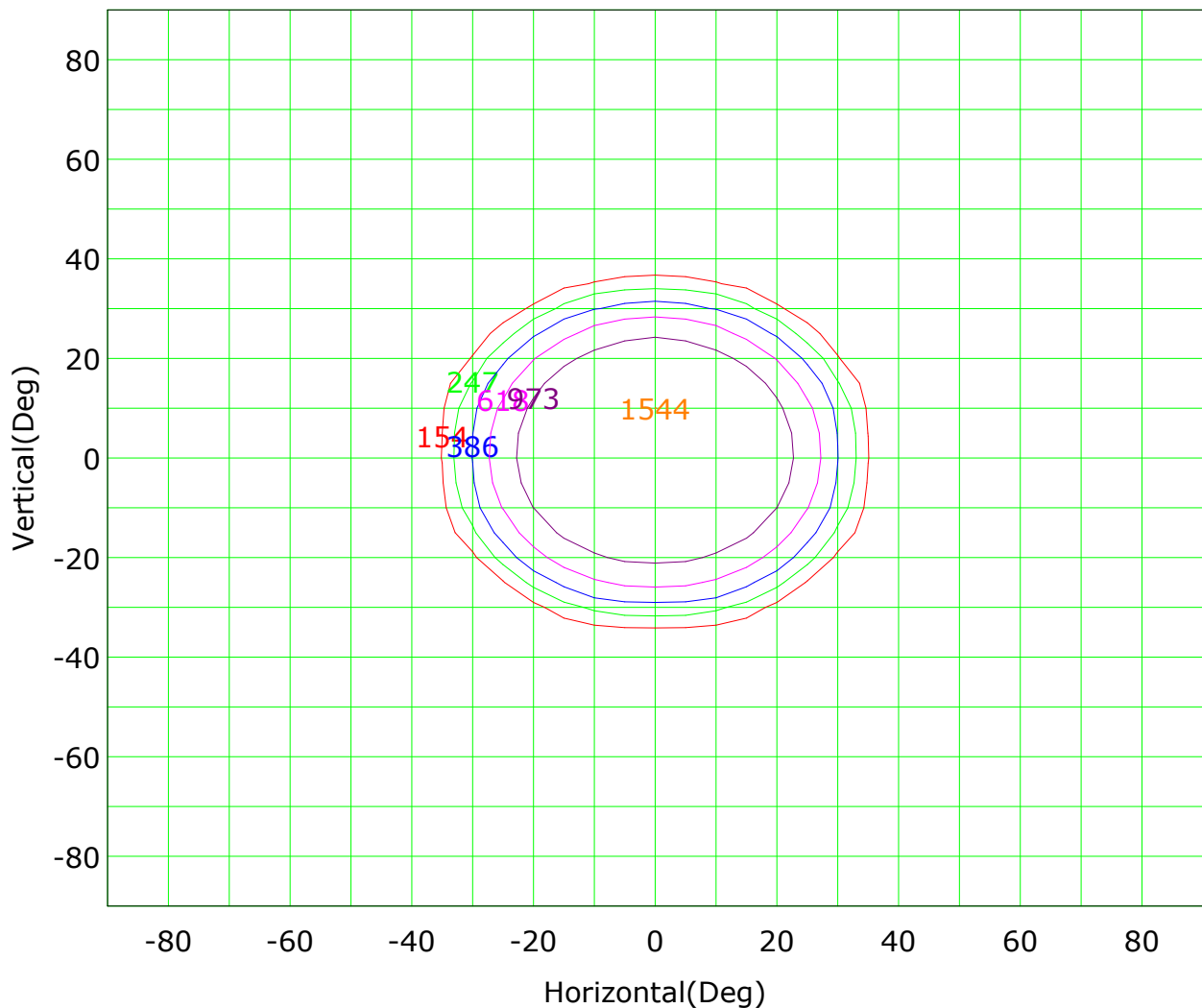
## Luminous Intensity Distribution Curve



C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
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Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
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Inspector:

## Isocandela (rectangle)



Imax (100%): 1544 cd

( 10%):	154 cd	( 16%):	247 cd
( 25%):	386 cd	( 40%):	618 cd
( 63%):	973 cd	(100%):	1544 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

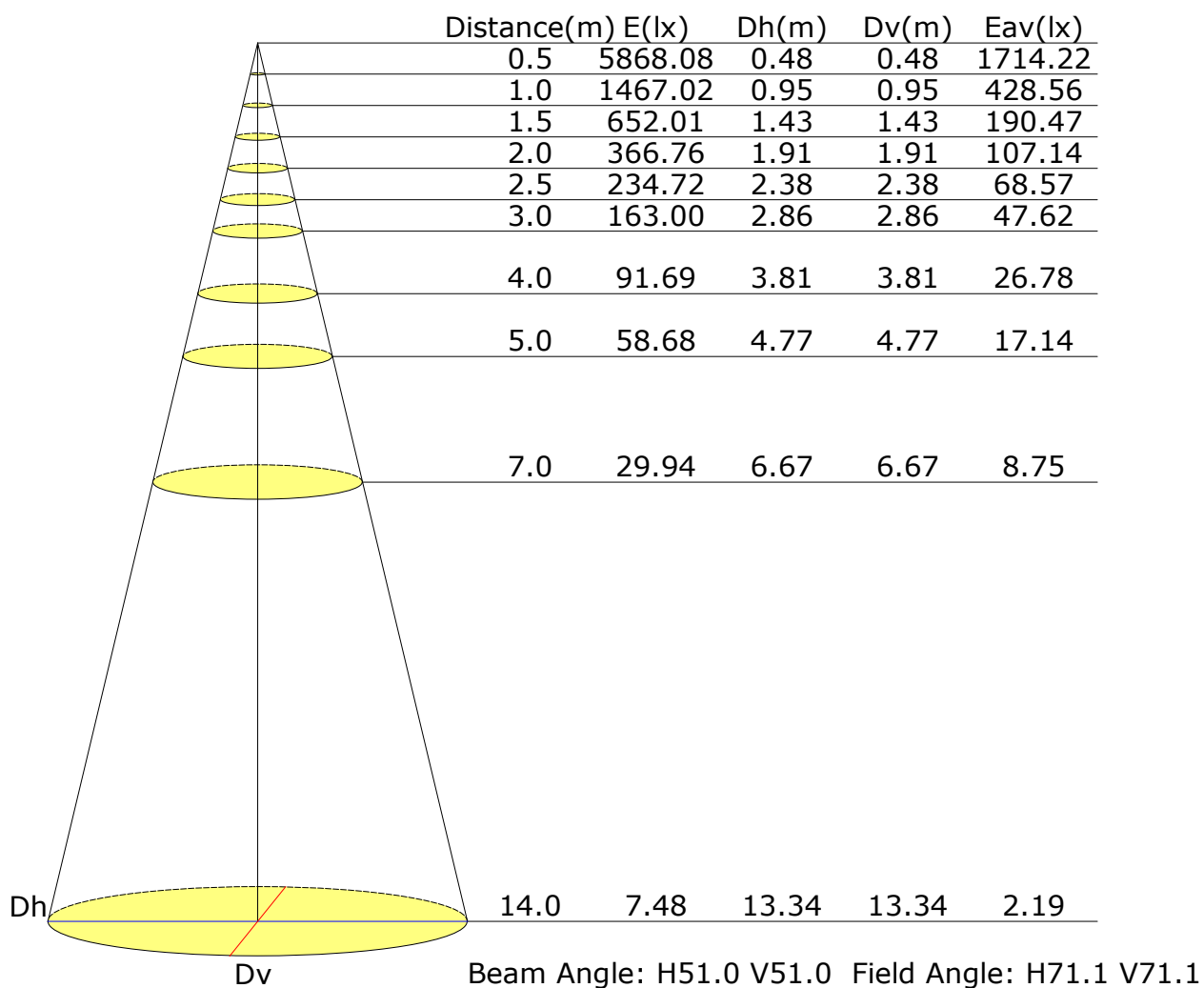
Distance: 3.000 m

Humidity:

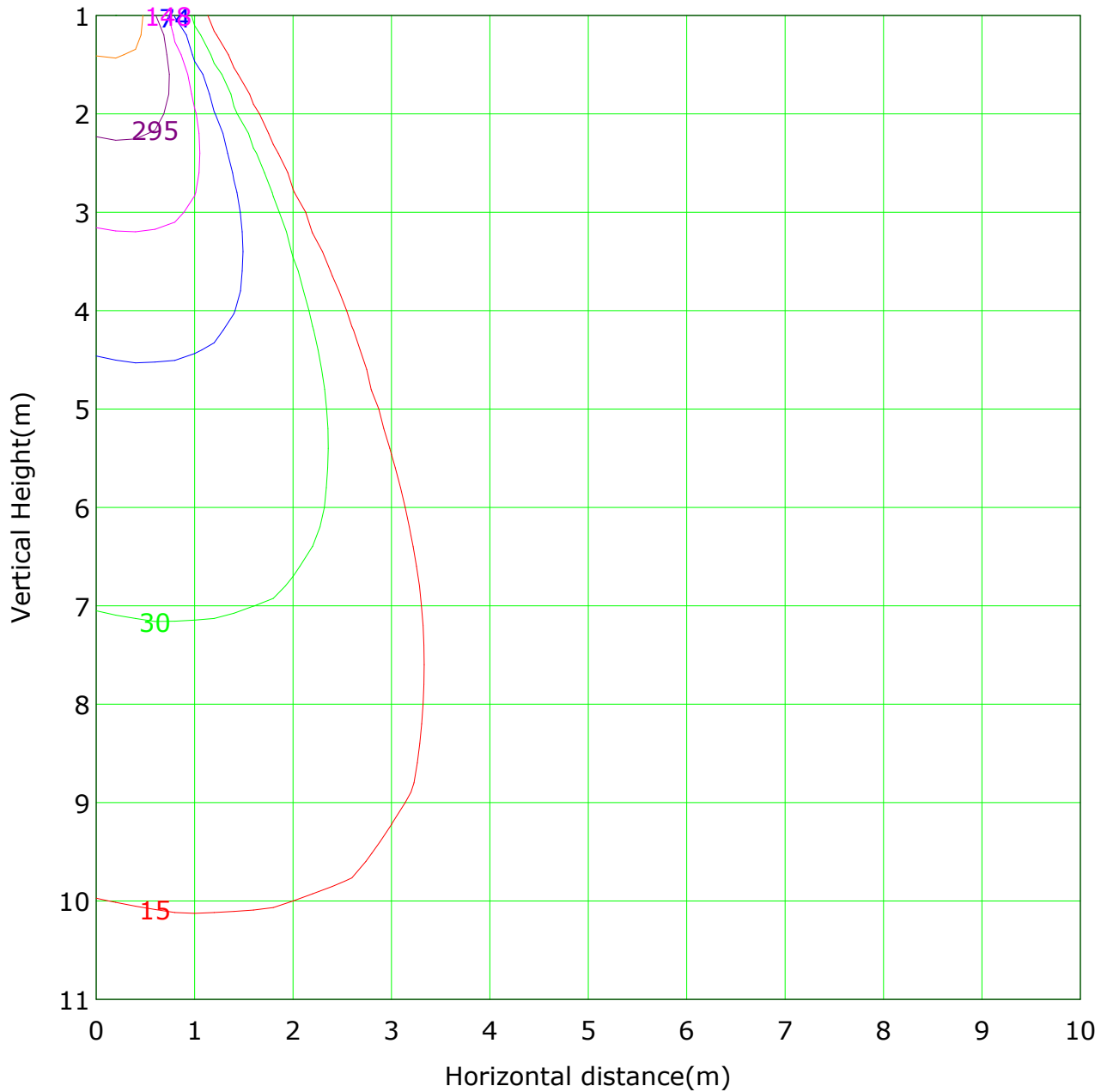
Inspector:



## Illuminance at a Distance



## Vertical IsoLux Plot

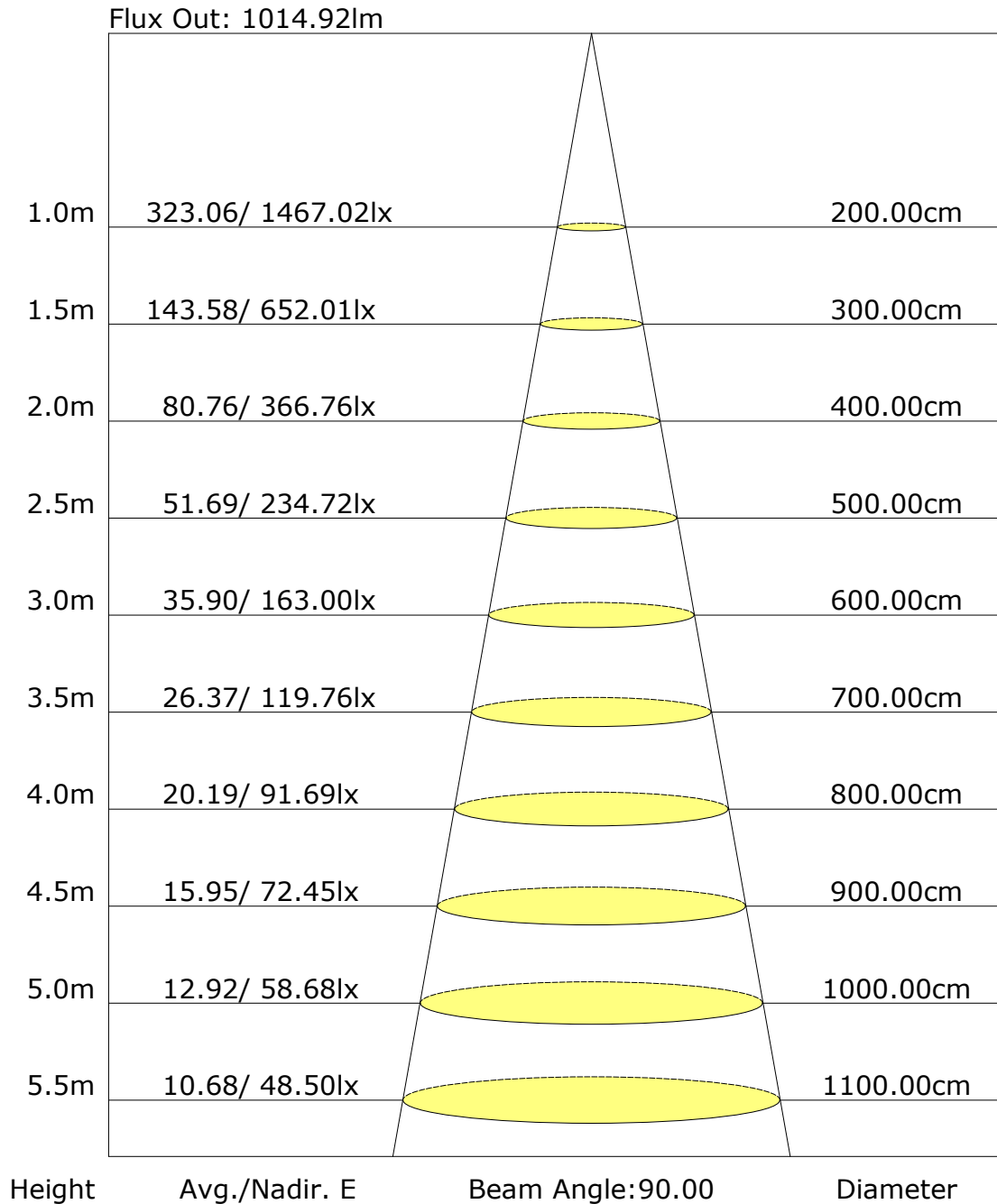


Lowest(m): 1m    Highest(m): 11    Max Lux: 1475	
( 1%): 15 lx	( 2%): 30 lx
( 5%): 74 lx	( 10%): 148 lx
( 20%): 295 lx	( 50%): 738 lx
(100%): 1475 lx	

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: