

Report No.: 91.07511 PURE Surfae Mounted Test Time: 2023-06-03 21:09

## Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90  
Luminaire Description: 34D  
Current: 0.068 A  
Power Factor: 0.970  
Voltage: 220.7 V  
Power: 14.60 W

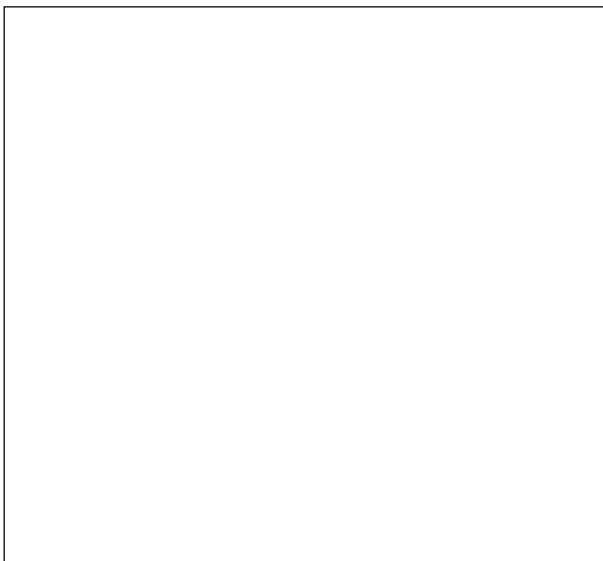
## Photometric Results

CIE Class: Direct  
Measurement Flux: 707.3 lm  
Downward Ratio: 100%  
Horizontal Diffuse Angle(50%): H34  
Vertical Diffuse Angle(50%): V34  
Luminaire Efficacy Rating (LER): 48  
Max. Intensity: 1639.94 cd

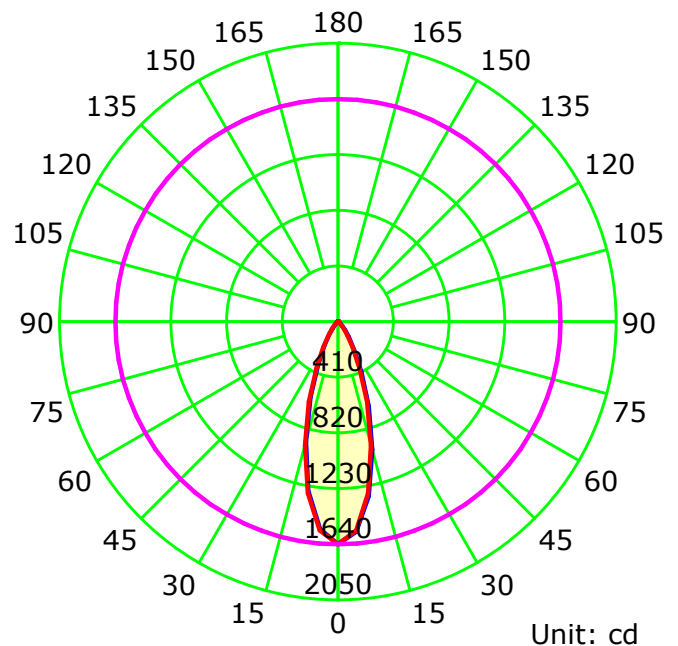
Total Rated Lamp Lumens: 707.3 lm  
Efficiency: 100%  
Upward Ratio: 0%

Central Intensity: 1639.93 cd  
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve

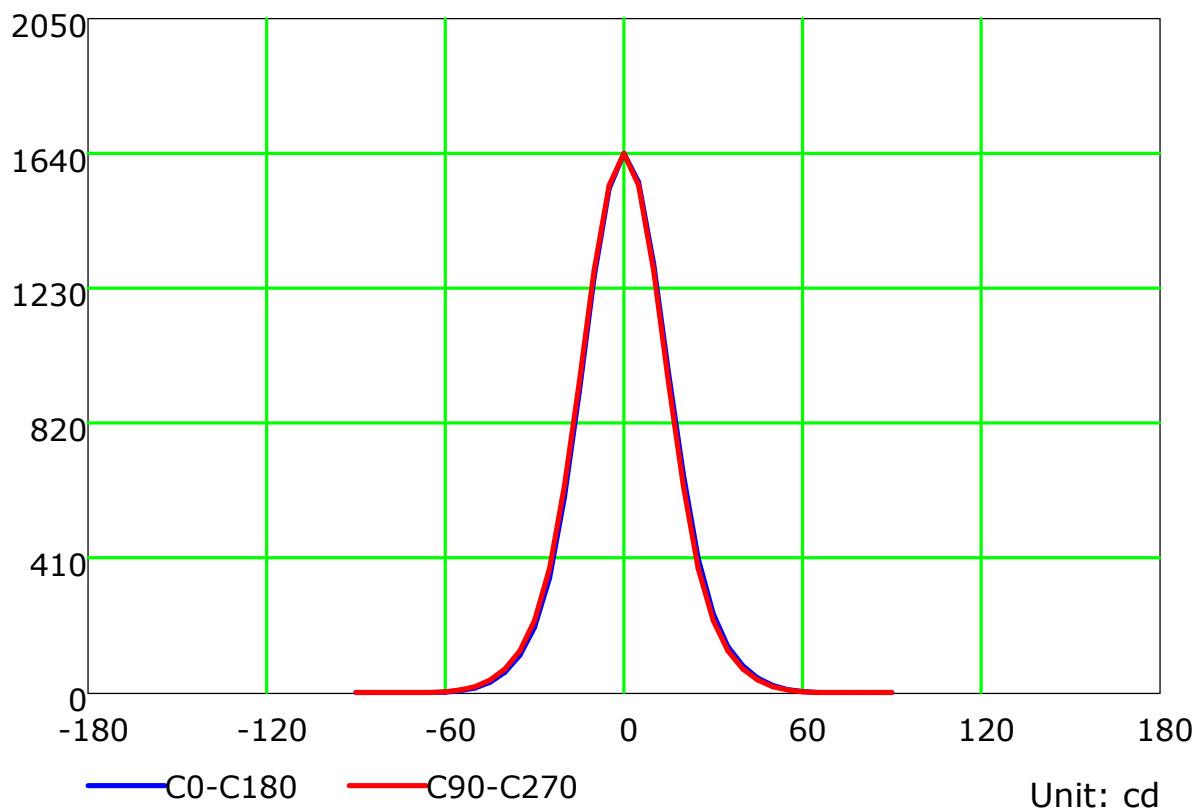
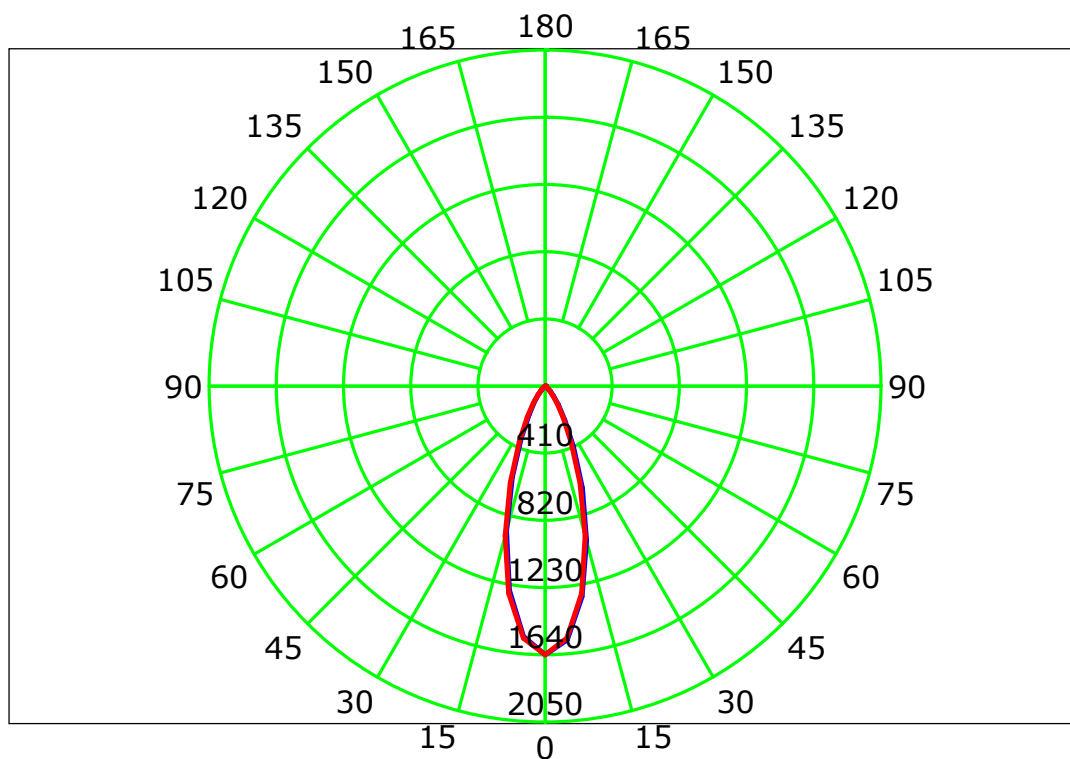


— C0-C180 — C90-C270 — G0

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

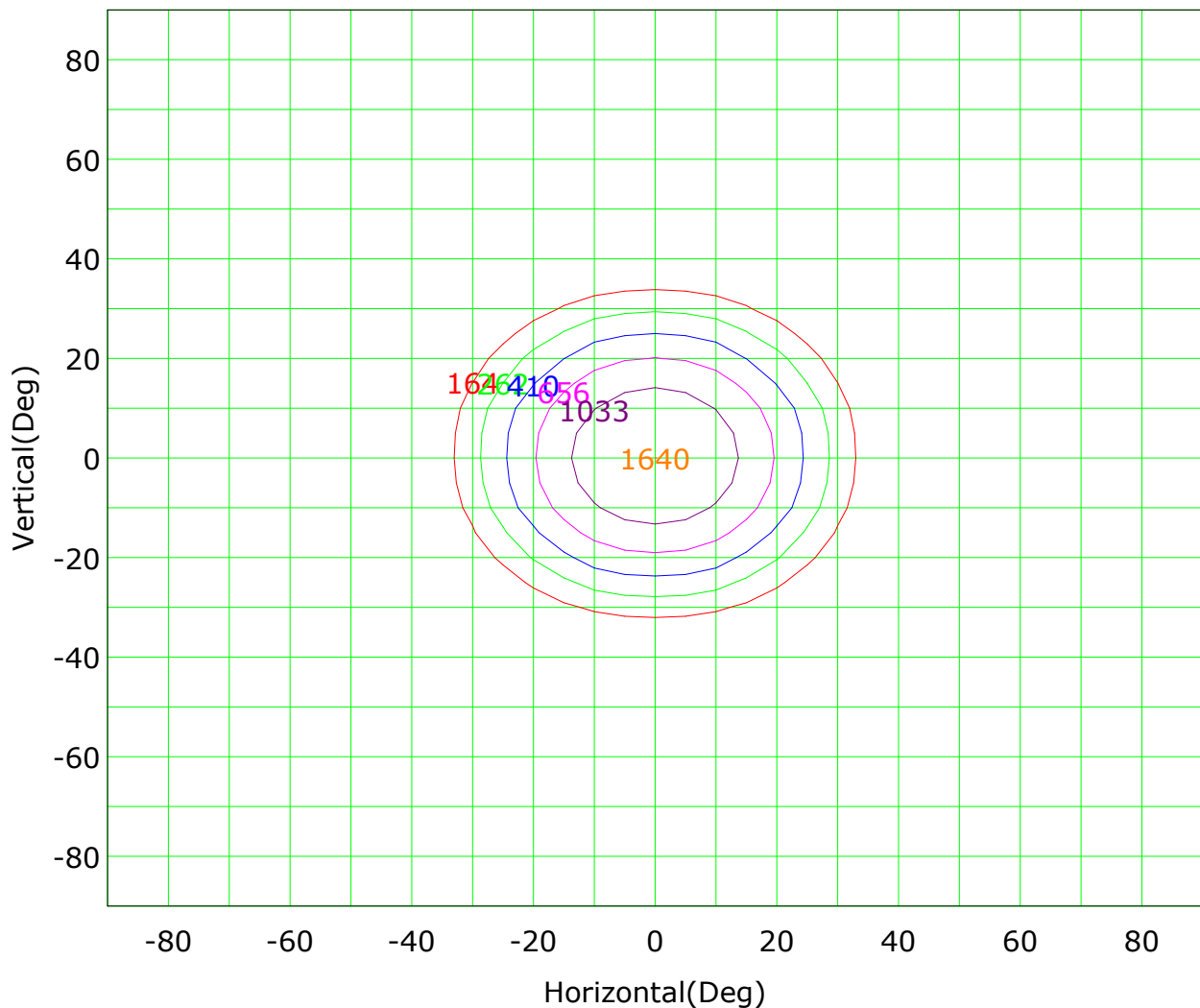


Unit: cd

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:

## Isocandela (rectangle)



Imax (100%): 1640 cd

( 10%): 164 cd	( 16%): 262 cd
( 25%): 410 cd	( 40%): 656 cd
( 63%): 1033 cd	(100%): 1640 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

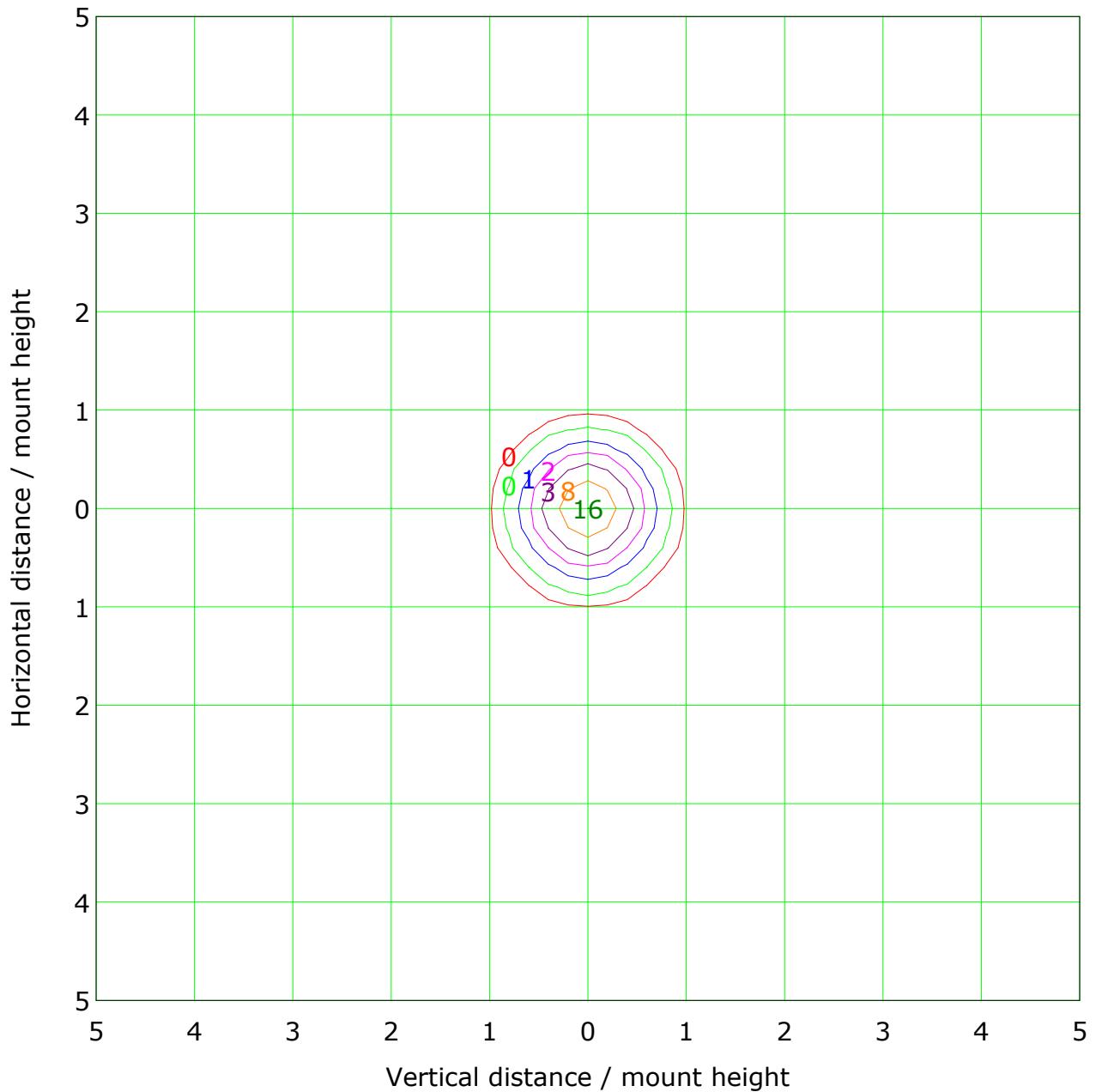
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m    Max Lux(100%): 16 lx

( 1%):	0 lx	( 2%):	0 lx
( 5%):	1 lx	( 10%):	2 lx
( 20%):	3 lx	( 50%):	8 lx
(100%):	16 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

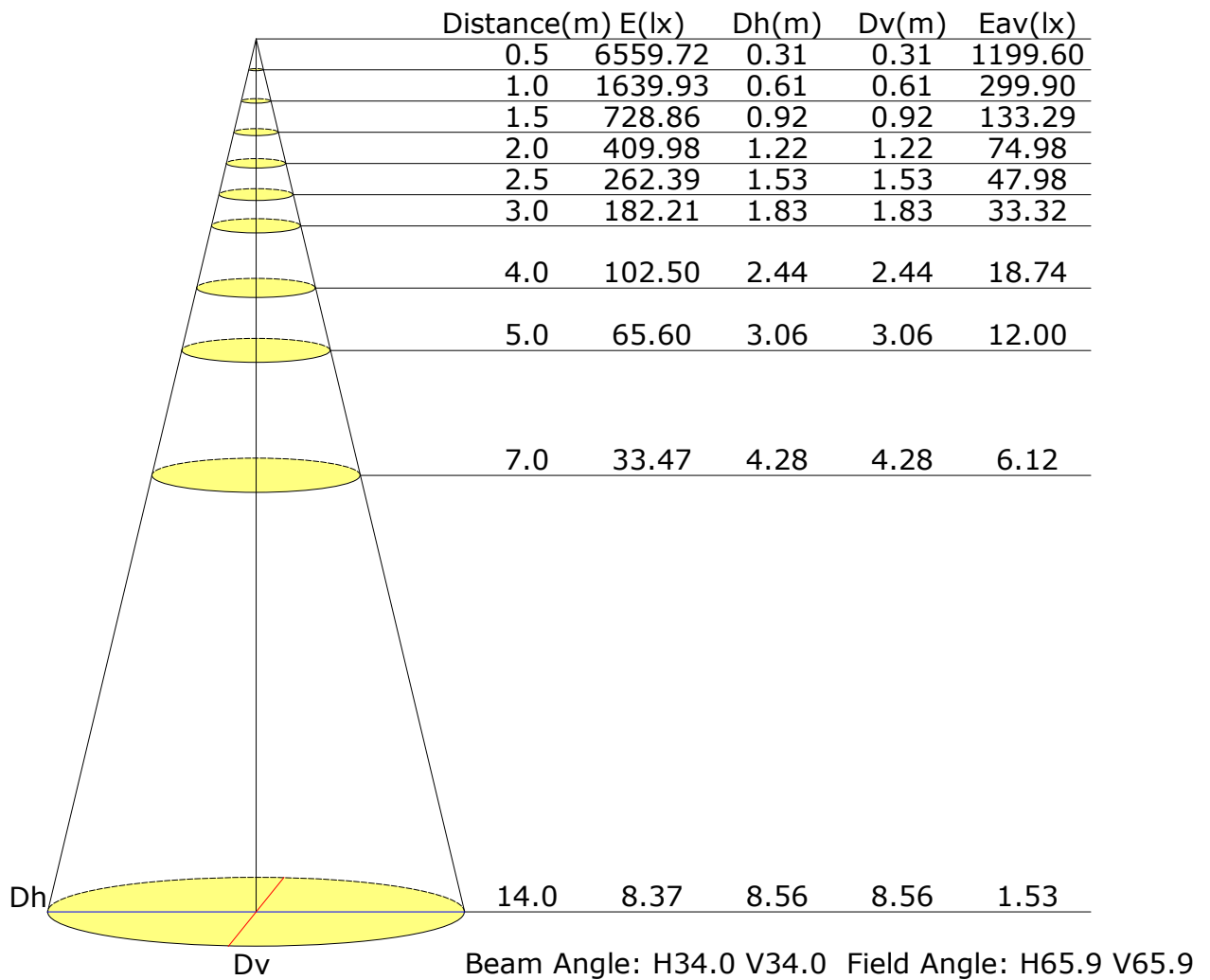
Test Device: CHL-6E

Distance: 3.000 m

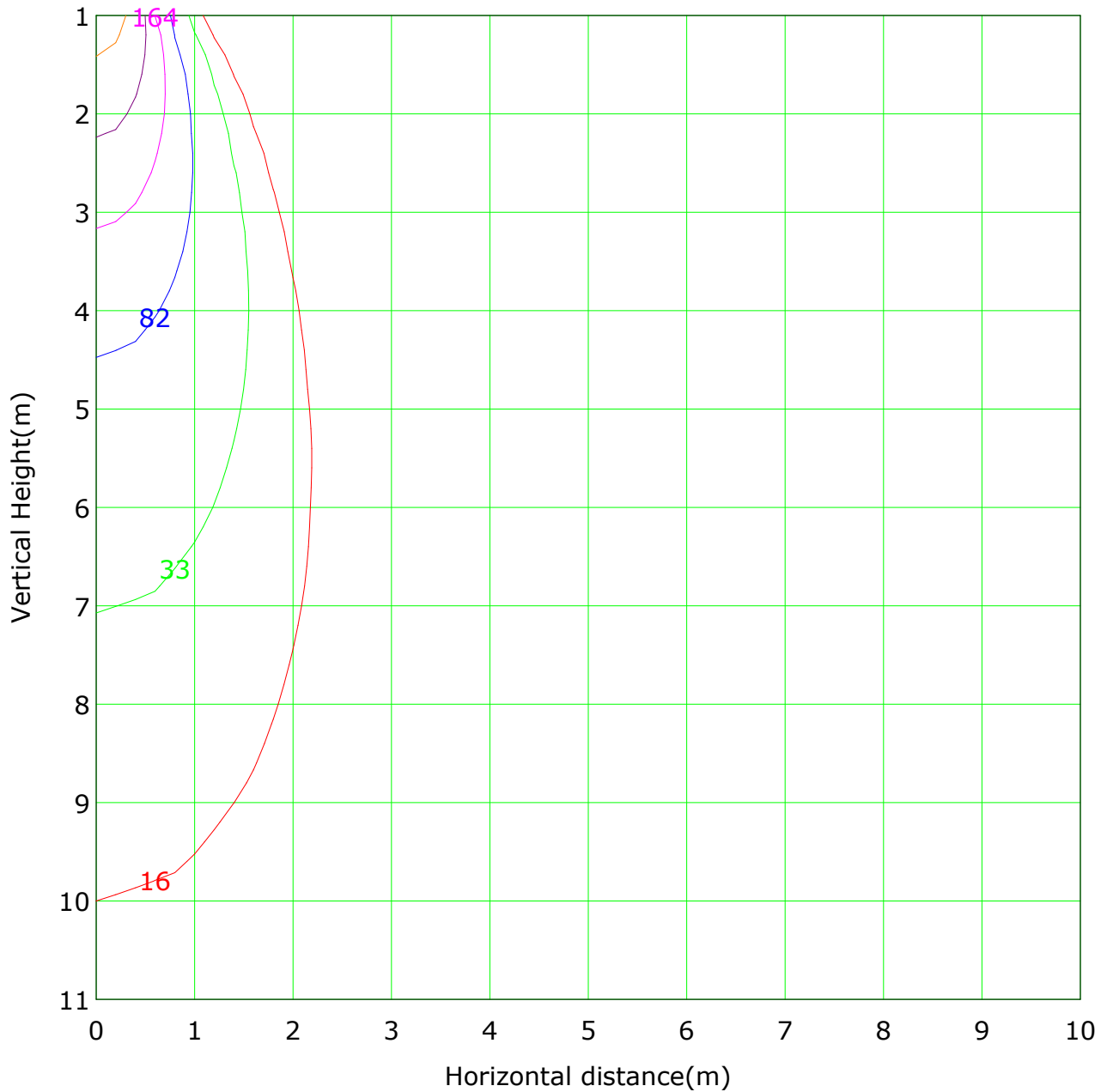
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1m    Highest(m): 11    Max Lux: 1640

( 1%): 16 lx	( 2%): 33 lx
( 5%): 82 lx	( 10%): 164 lx
( 20%): 328 lx	( 50%): 820 lx
(100%): 1640 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

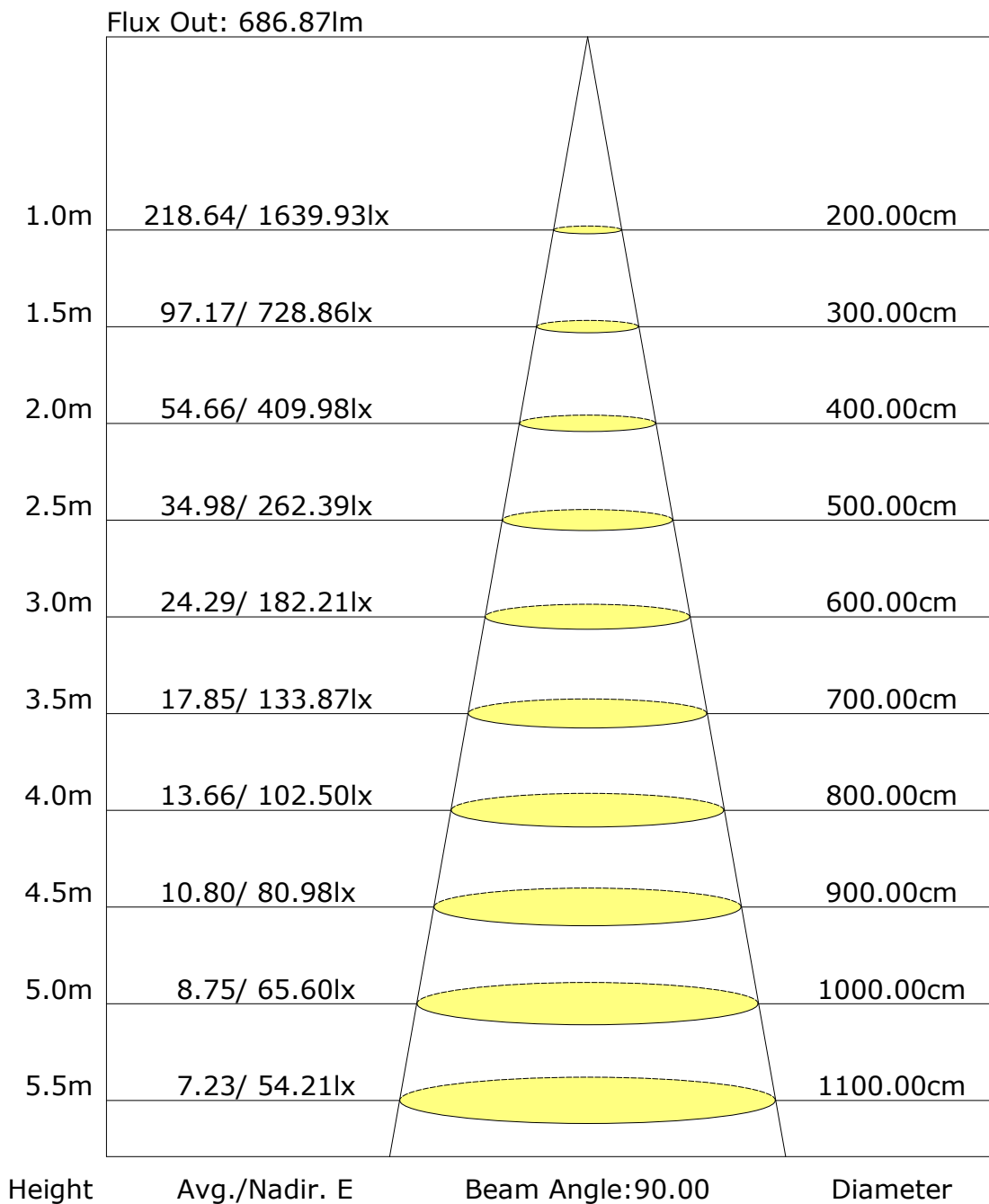
Test Device: CHL-6E

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: