

Report No.: AX-TL-SP-20W-065

Test Time: 2023-07-07 11:45

## Luminaire Property

Luminaire Category: Citizen 1204 3000K CRI90

Voltage: 217.0 V

Current: 0.115 A

Power: 24.40 W

Power Factor: 0.977

## Photometric Results

CIE Class: Direct

Measurement Flux: 2028.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H47

Vertical Diffuse Angle(50%): V47

Luminaire Efficacy Rating (LER): 83

Max. Intensity: 3389.58 cd

Total Rated Lamp Lumens: 2028.8 lm

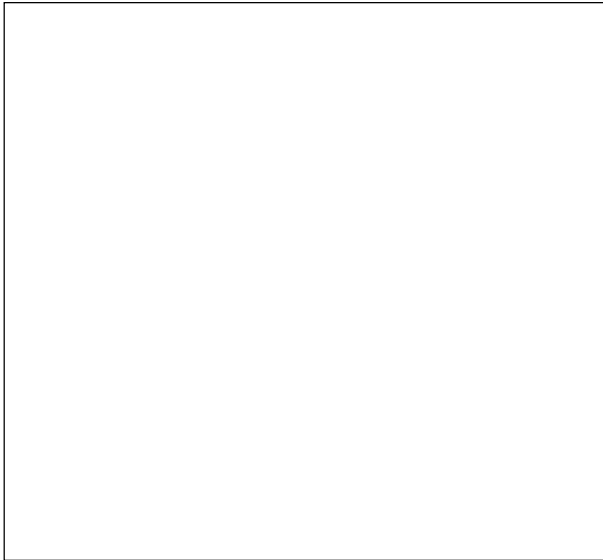
Efficiency: 100%

Upward Ratio: 0%

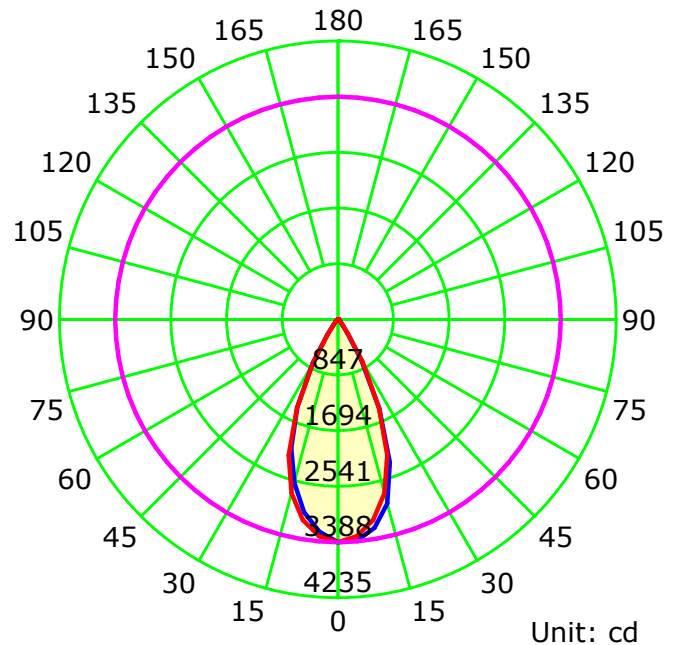
Central Intensity: 3389.57 cd

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

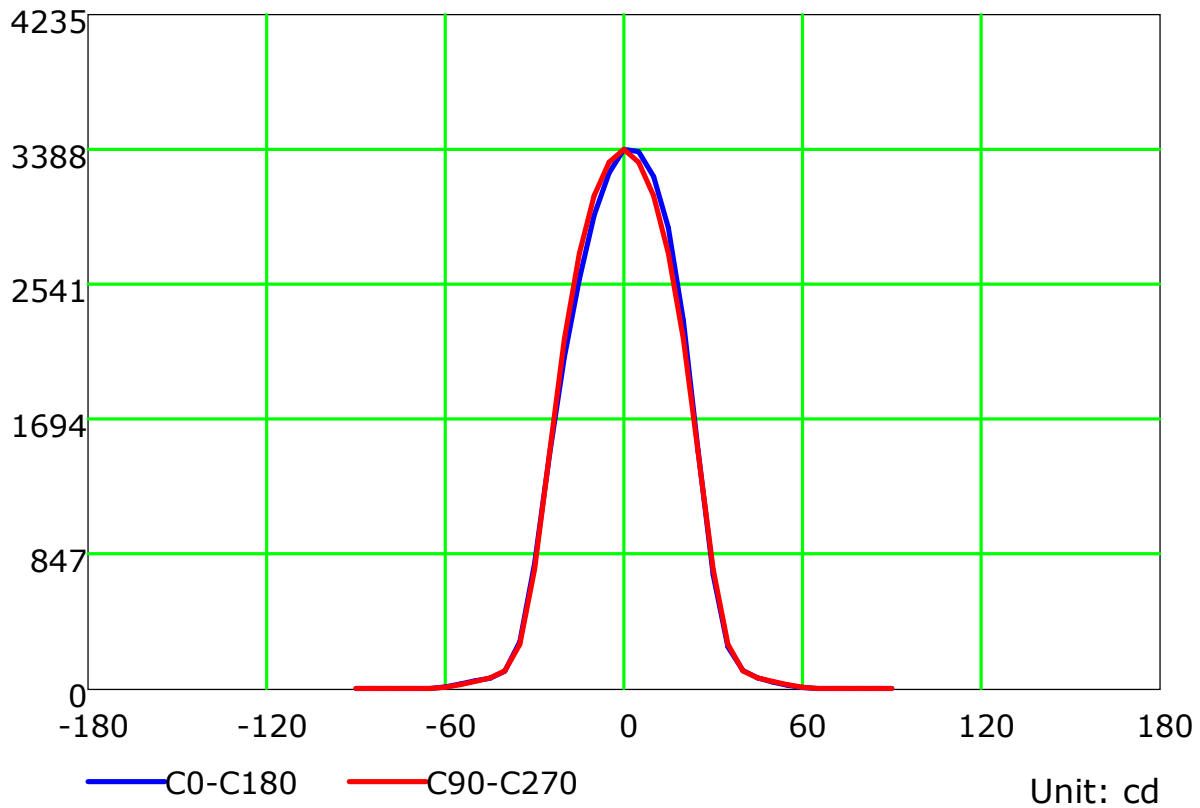
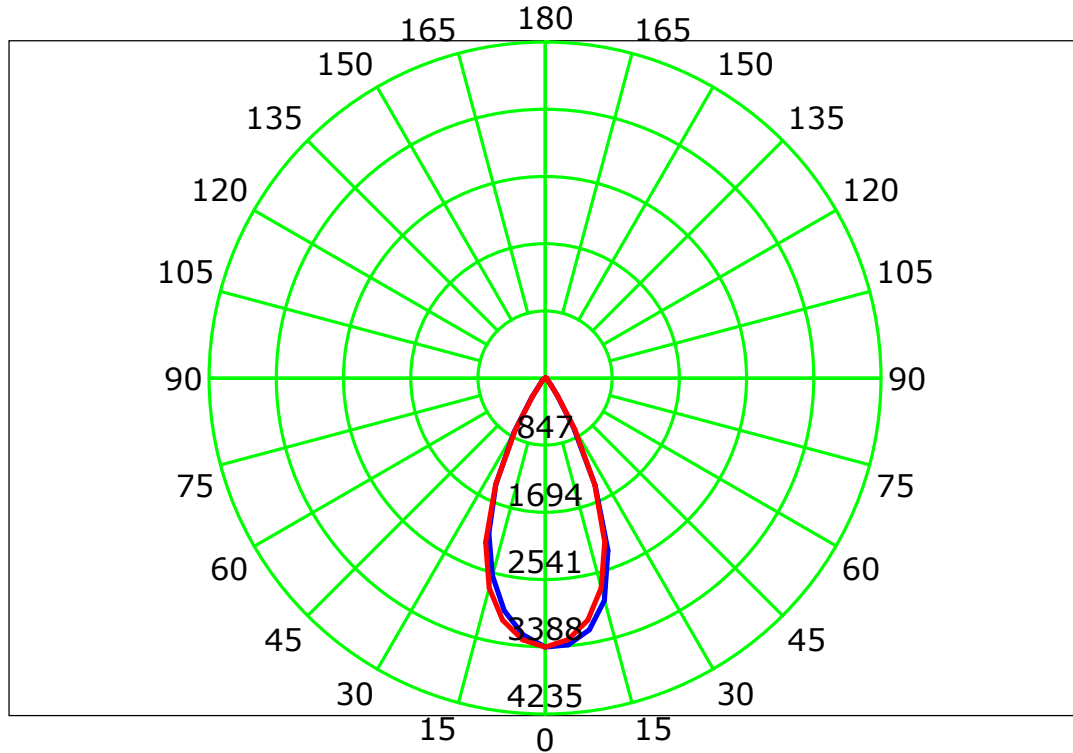
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

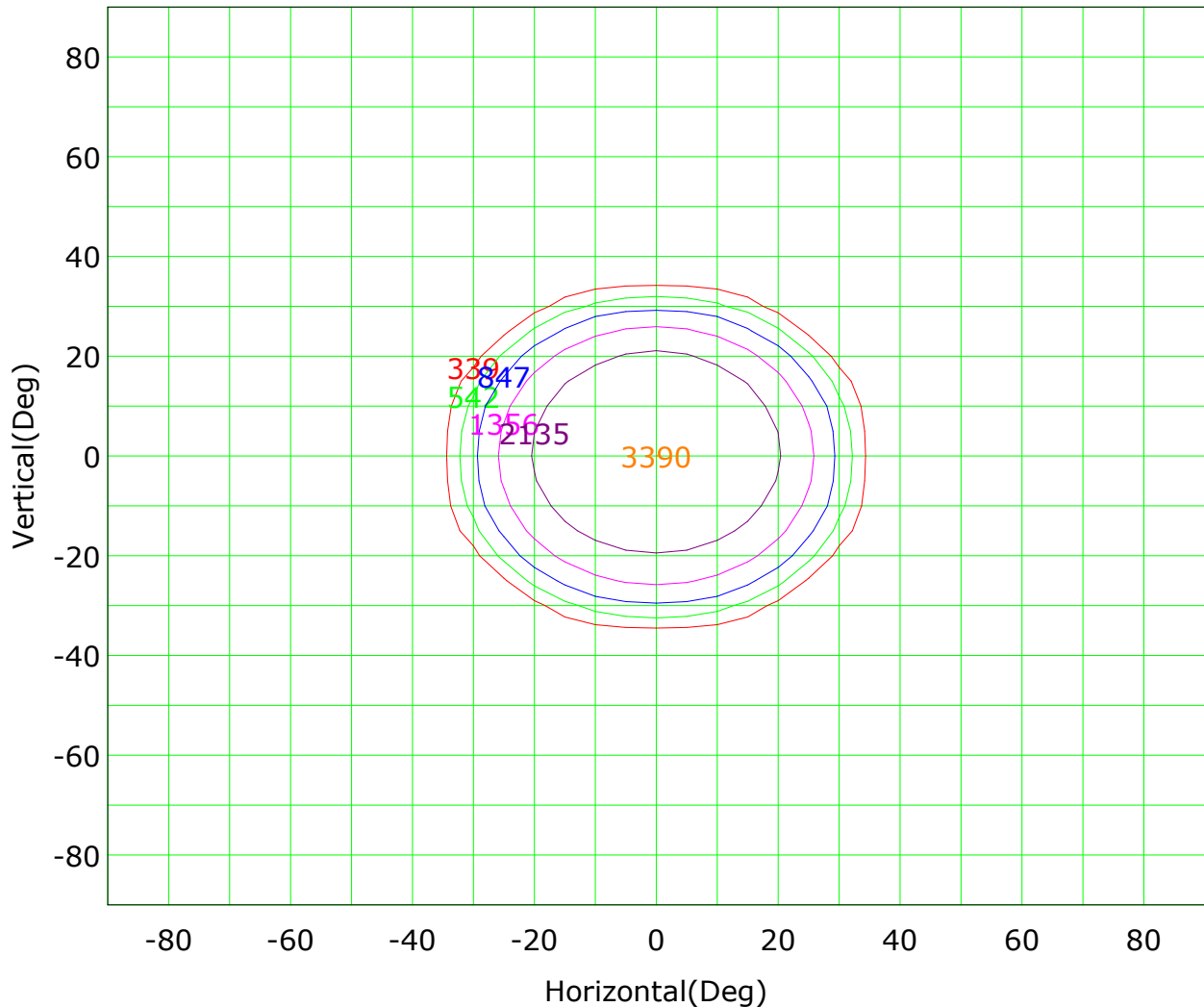
## Luminous Intensity Distribution Curve



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%): 3390 cd

( 10%): 339 cd	( 16%): 542 cd
( 25%): 847 cd	( 40%): 1356 cd
( 63%): 2135 cd	(100%): 3390 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

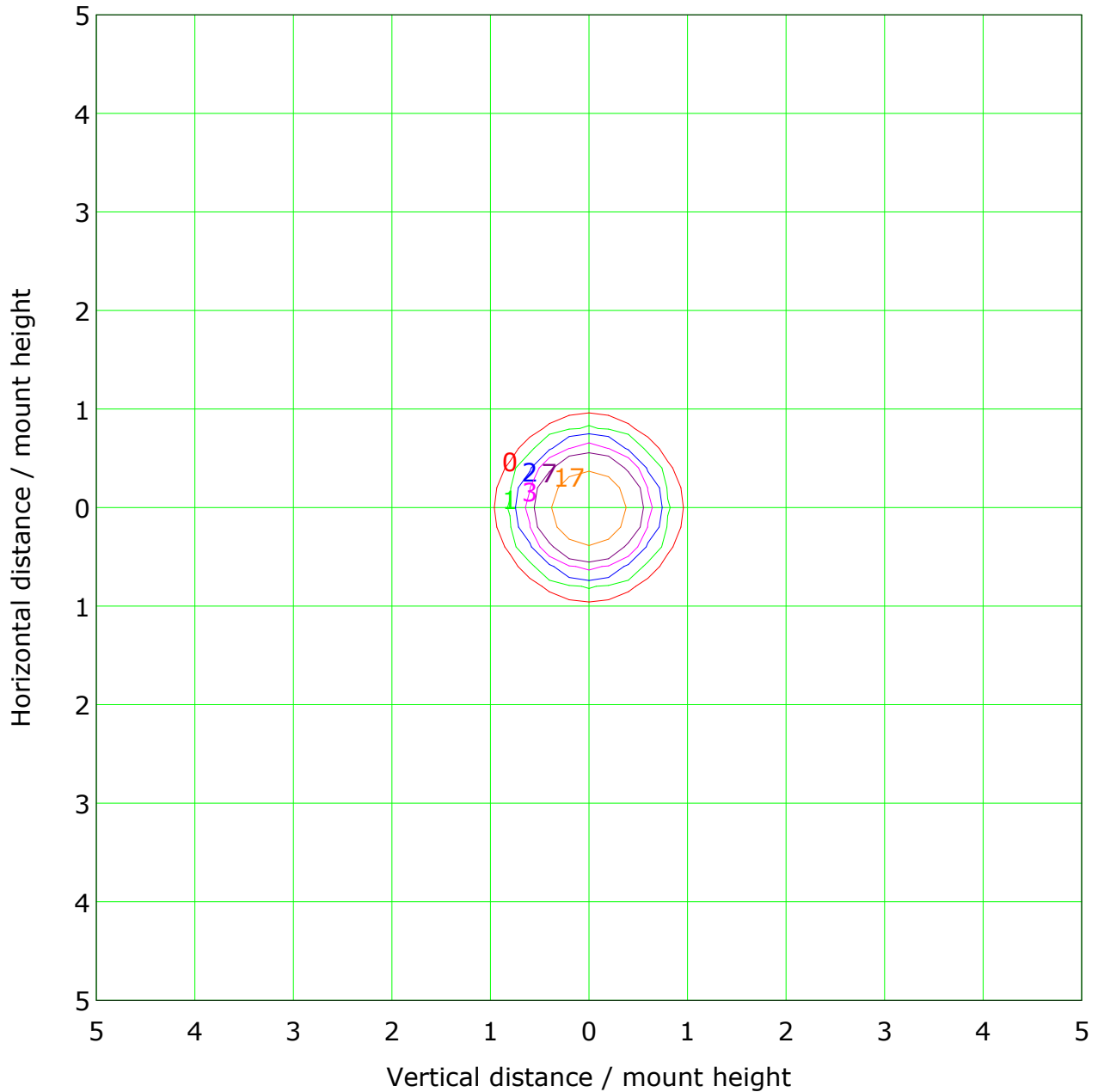
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 34 lx	
( 1%):	0 lx	( 2%):	1 lx
( 5%):	2 lx	( 10%):	3 lx
( 20%):	7 lx	( 50%):	17 lx
(100%):	34 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

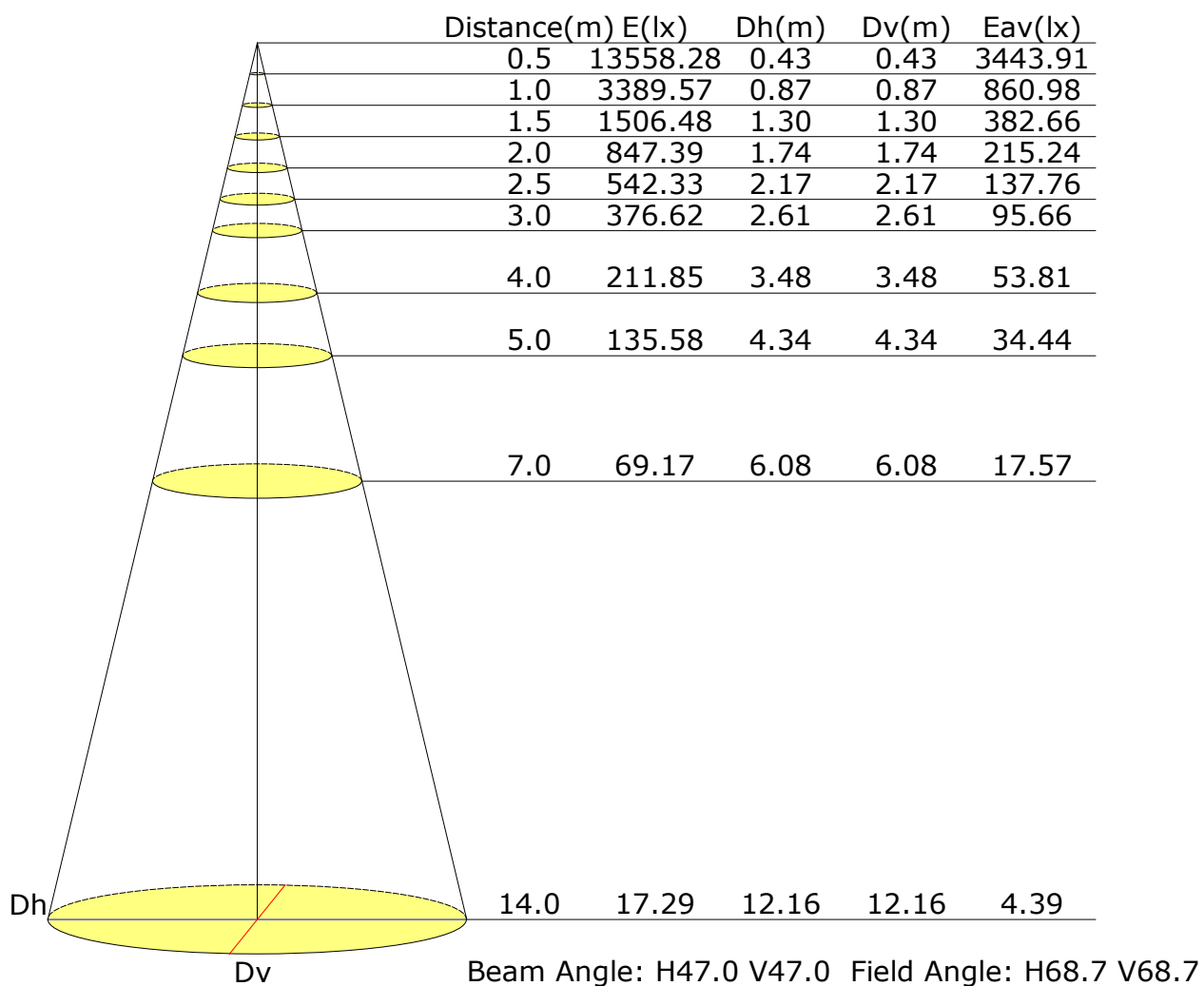
Test Device: CHL-6E

Distance: 3.000 m

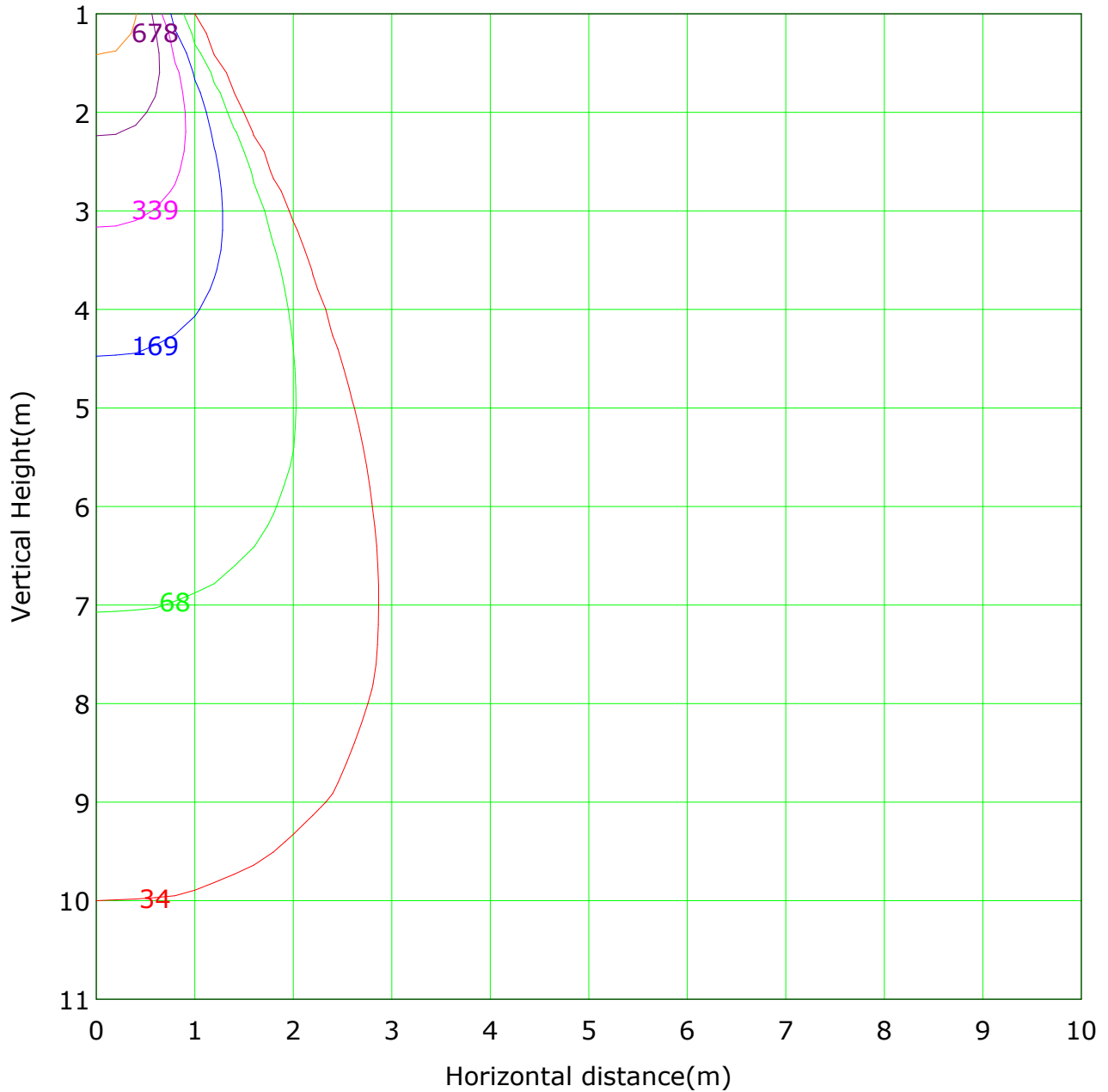
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



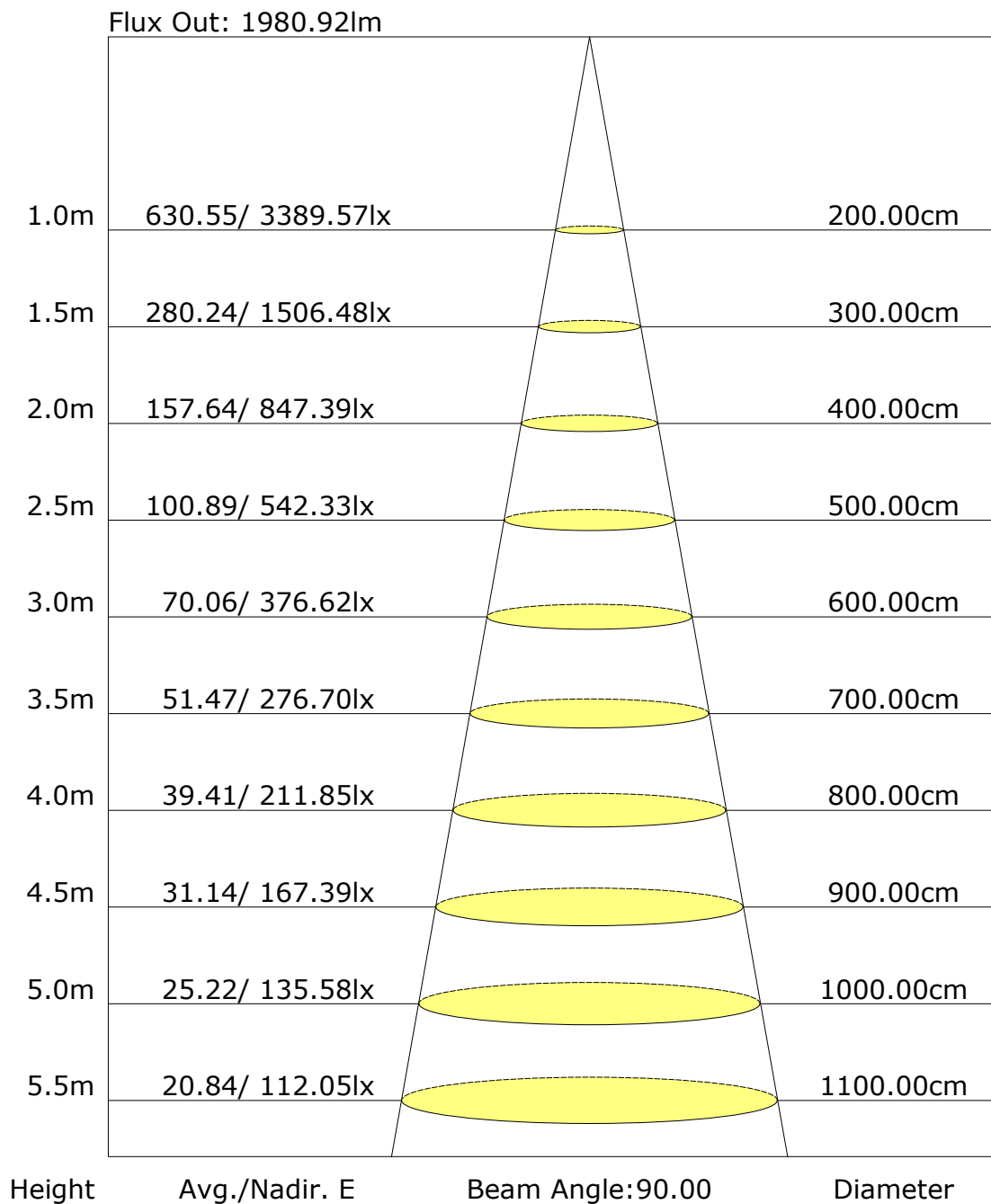
Lowest(m): 1m    Highest(m): 11    Max Lux: 3390

( 1%): 34 lx	( 2%): 68 lx
( 5%): 169 lx	( 10%): 339 lx
( 20%): 678 lx	( 50%): 1695 lx
(100%): 3390 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:

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: