

Report No.:

Test Time: 2023-07-03 17:48

Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Luminaire Description: 93.11611 36D

Voltage: 218.4 V

Current: 0.098 A

Power: 20.70 W

Power Factor: 0.966

Photometric Results

CIE Class: Direct

Measurement Flux: 1780.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H37.5

Vertical Diffuse Angle(50%): V37.5

Luminaire Efficacy Rating (LER): 86

Max. Intensity: 4068.3 cd

Total Rated Lamp Lumens: 1780.1 lm

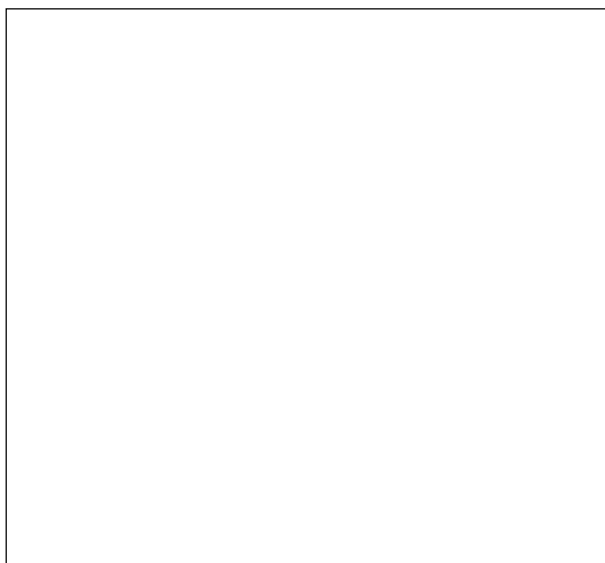
Efficiency: 100%

Upward Ratio: 0%

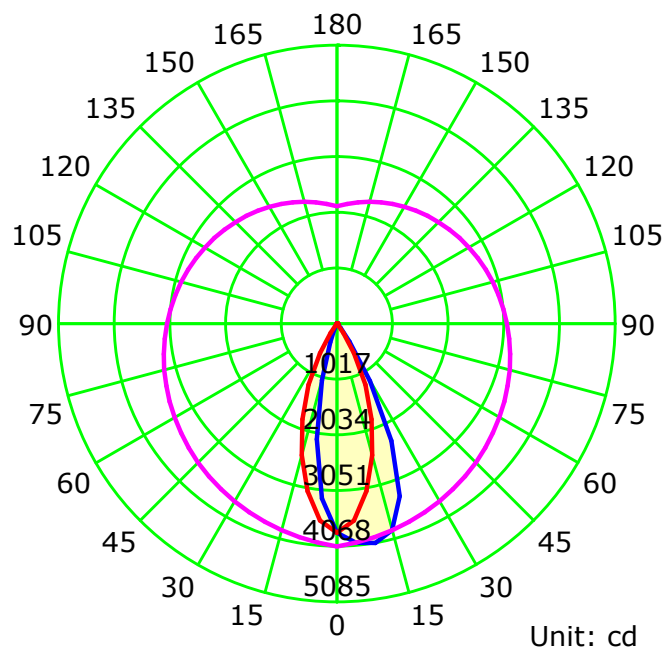
Central Intensity: 3822.12 cd

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

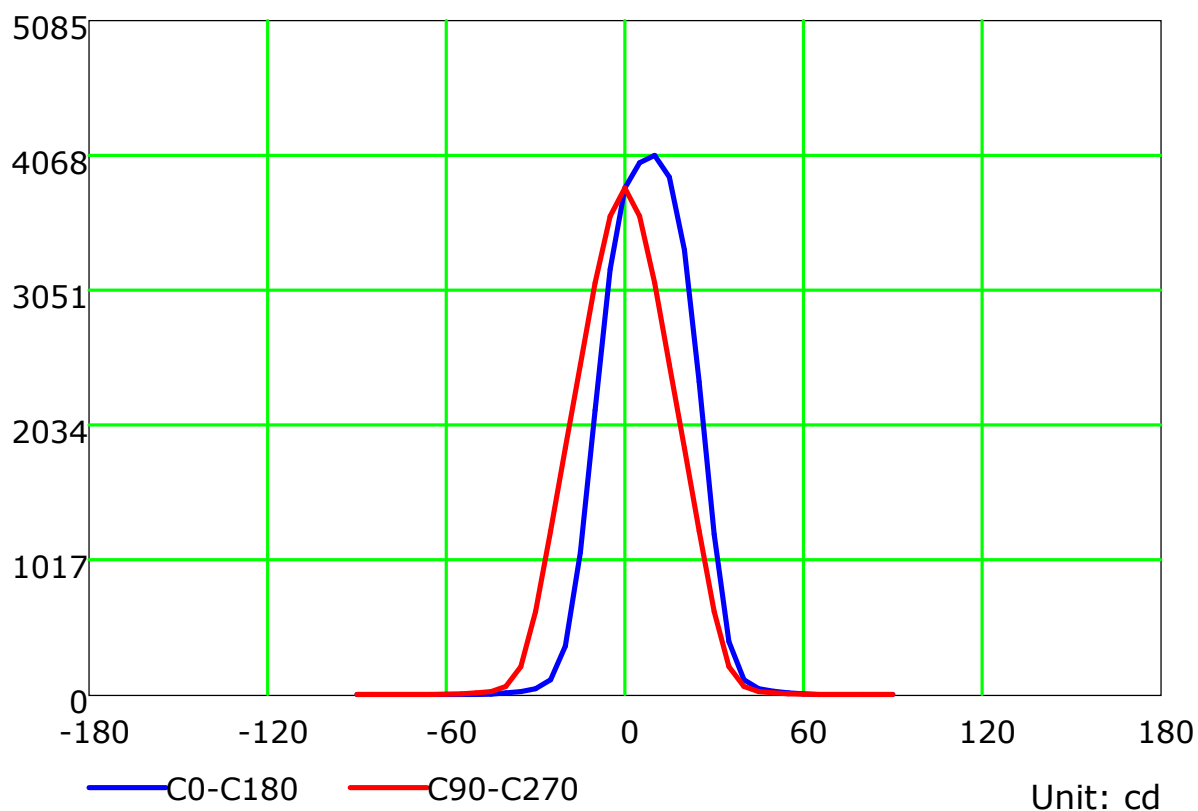
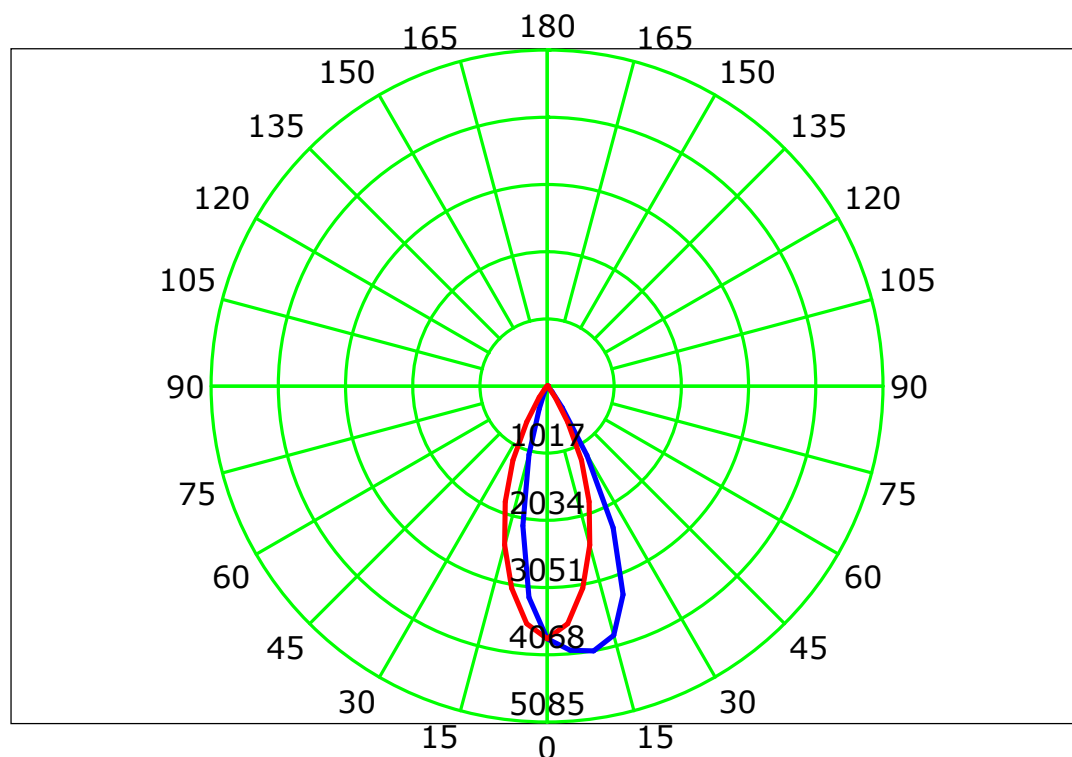
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

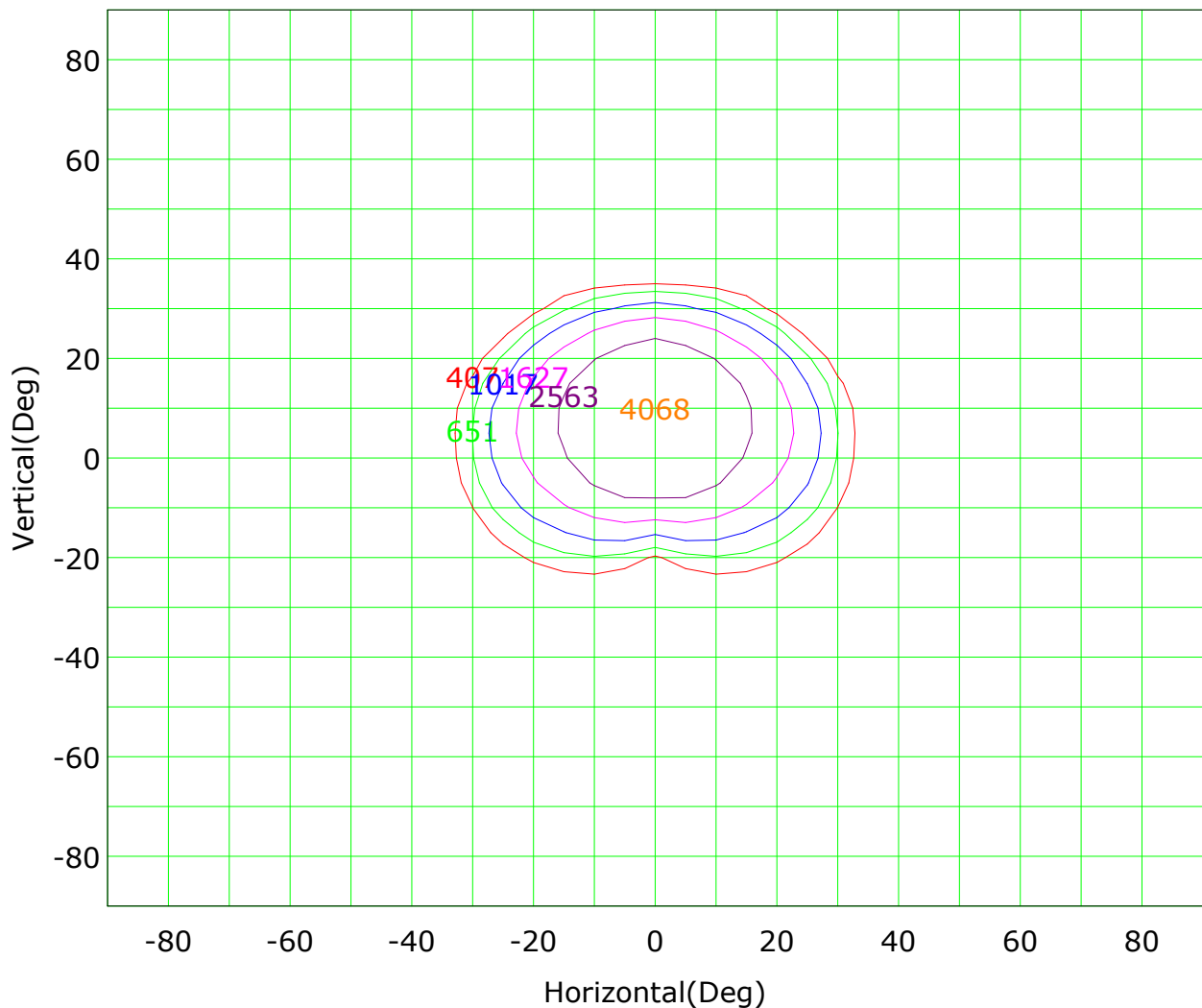
Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Isocandela (rectangle)



Imax (100%): 4068 cd

(10%): 407 cd	(16%): 651 cd
(25%): 1017 cd	(40%): 1627 cd
(63%): 2563 cd	(100%): 4068 cd

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

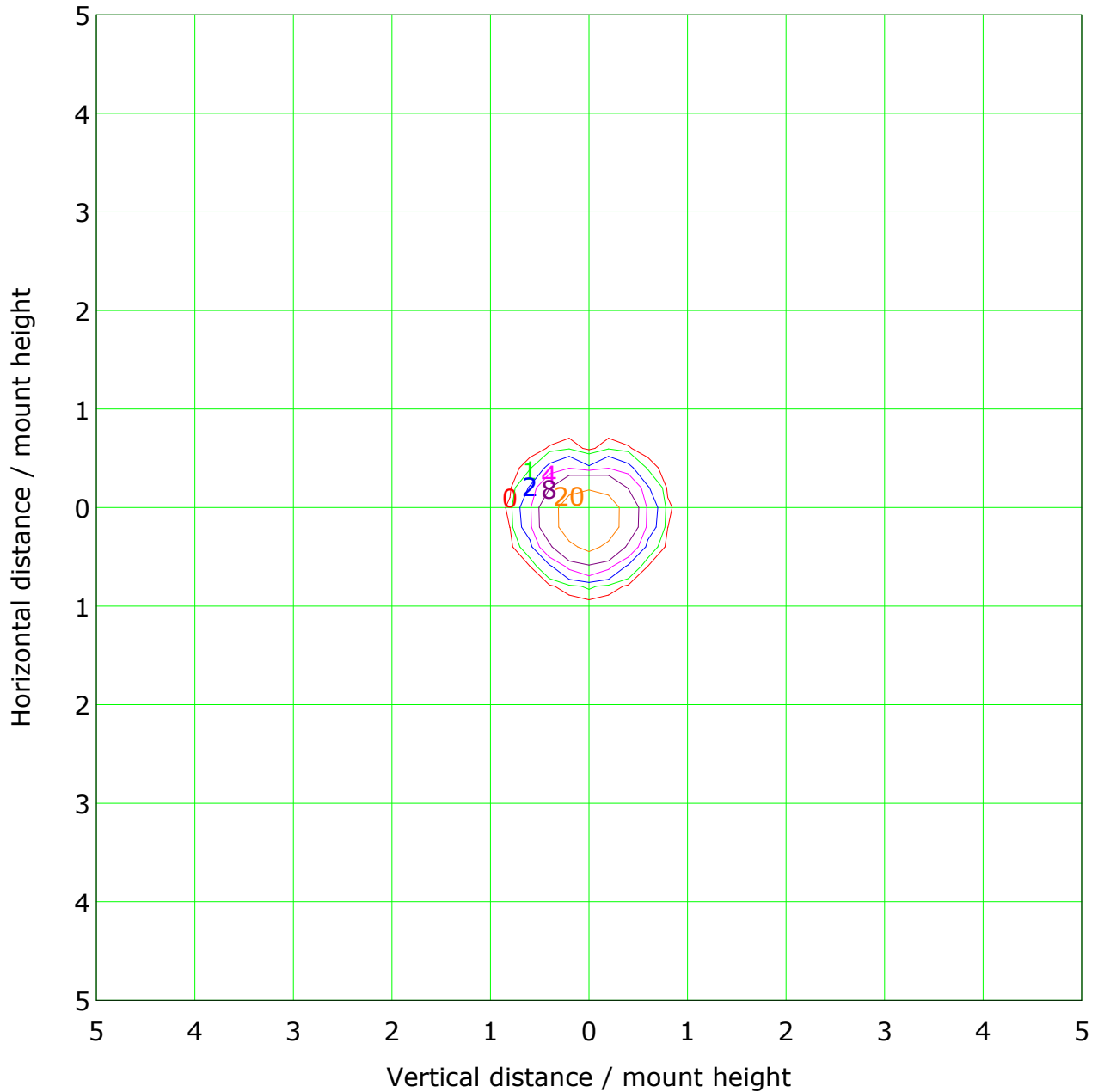
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 40 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	2 lx	(10%):	4 lx
(20%):	8 lx	(50%):	20 lx
(100%):	40 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

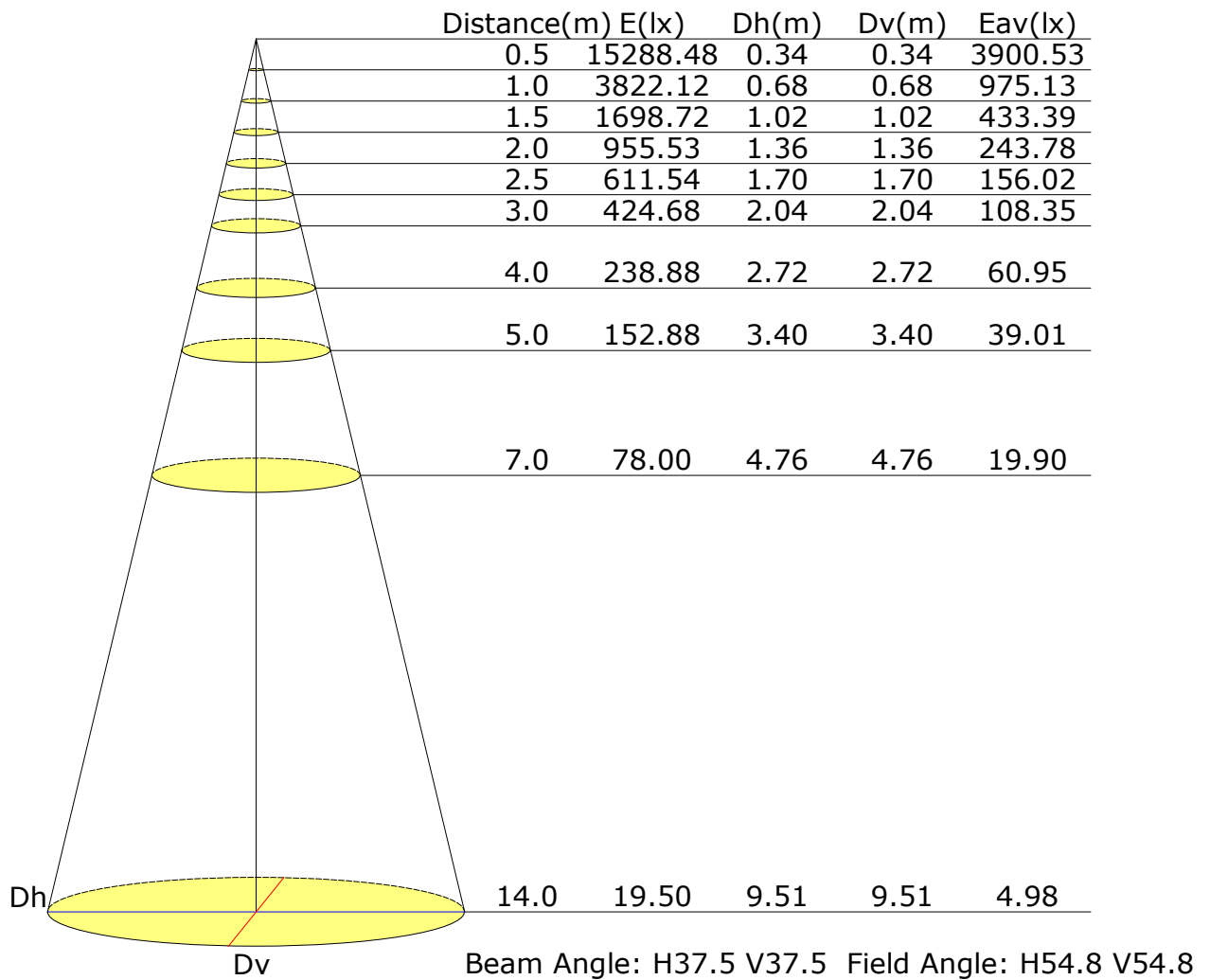
Test Device: CHL-6E

Distance: 3.000 m

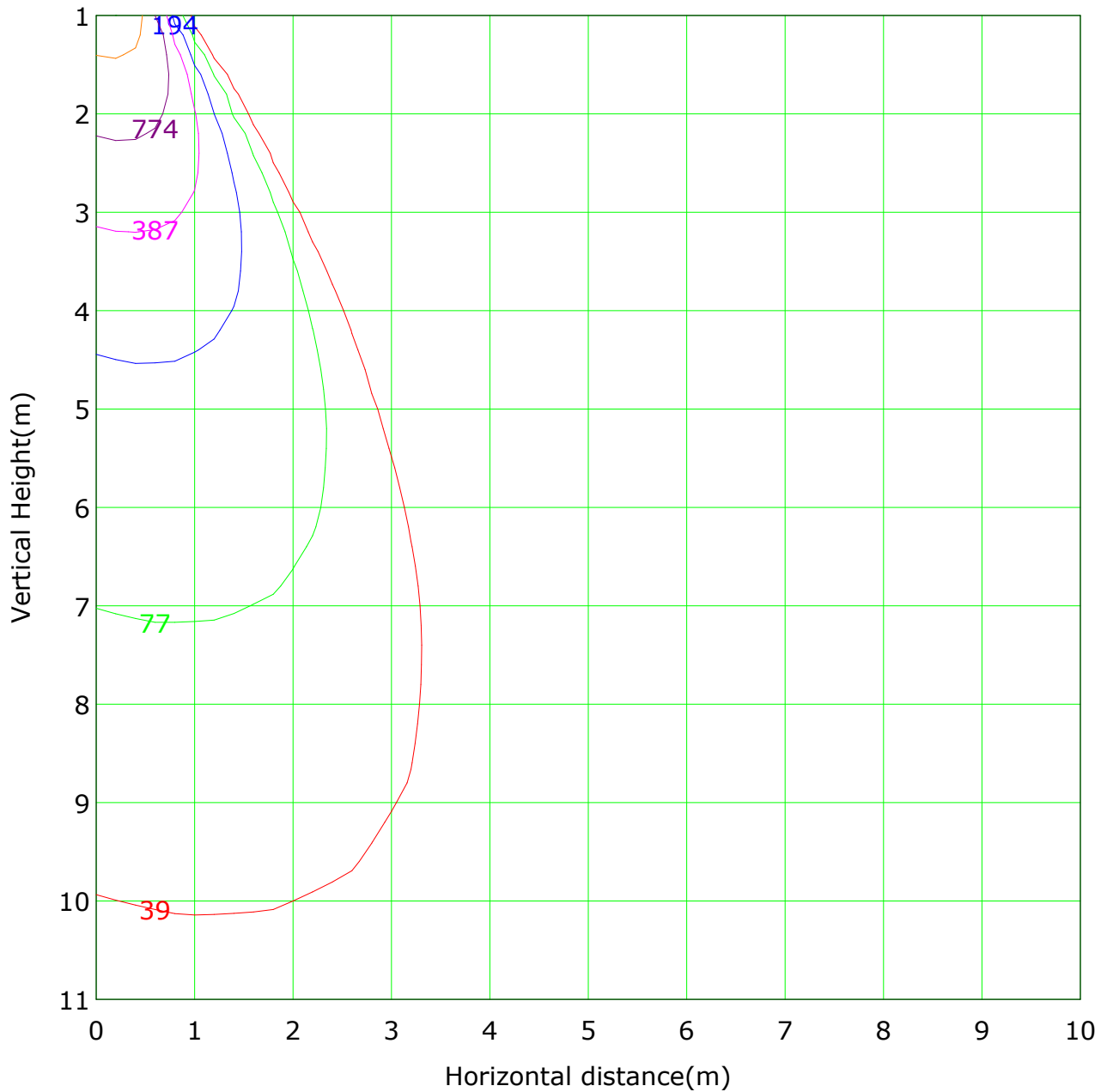
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1m Highest(m): 11 Max Lux: 3871

(1%): 39 lx	(2%): 77 lx
(5%): 194 lx	(10%): 387 lx
(20%): 774 lx	(50%): 1935 lx
(100%): 3871 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

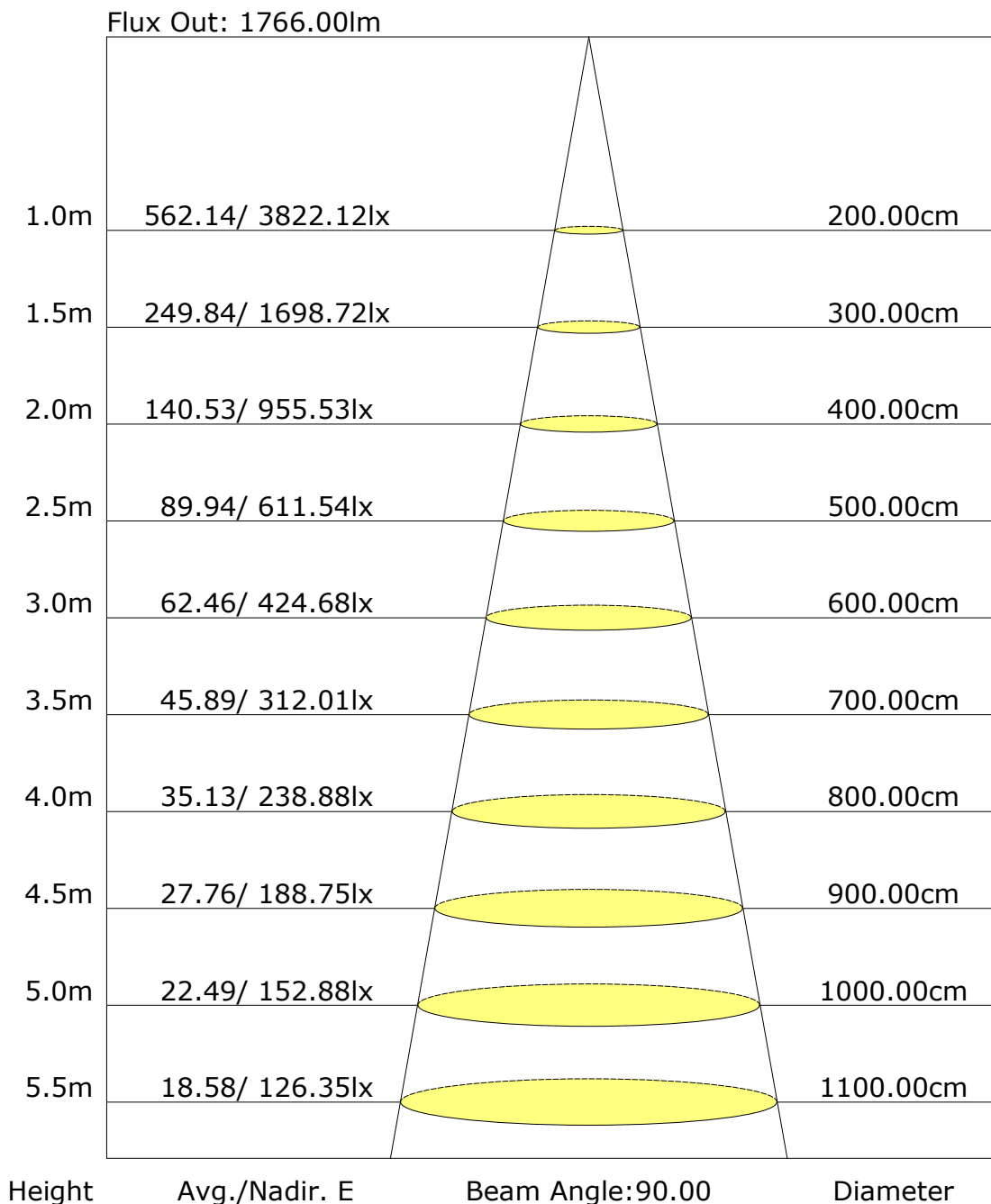
Test Device: CHL-6E

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: