

Report No.:

Test Time: 2023-07-03 17:53

Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Luminaire Description: 93.11611 24D

Voltage: 220.0 V

Current: 0.097 A

Power: 20.50 W

Power Factor: 0.964

Photometric Results

CIE Class: Direct

Measurement Flux: 1616.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H24.1

Vertical Diffuse Angle(50%): V24.1

Luminaire Efficacy Rating (LER): 79

Max. Intensity: 8017.05 cd

Total Rated Lamp Lumens: 1616.5 lm

Efficiency: 100%

Upward Ratio: 0%

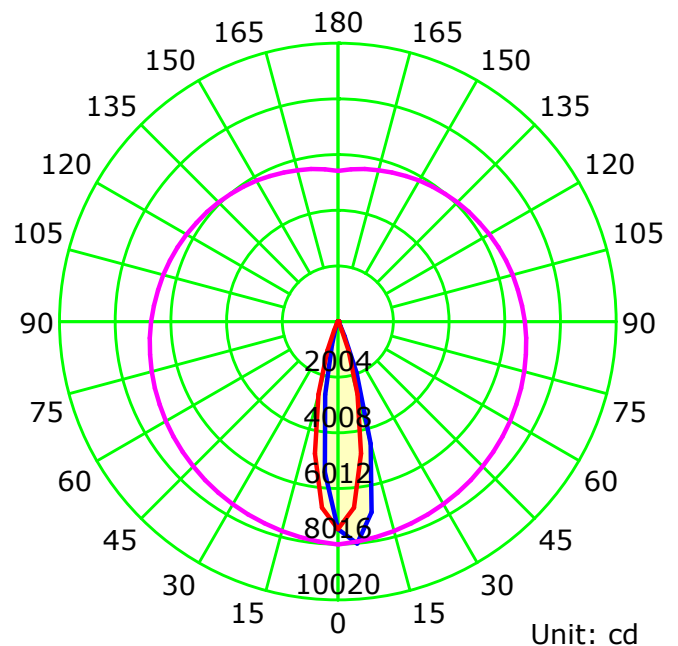
Central Intensity: 7472.04 cd

Pos of Max. Intensity: H0 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G5

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

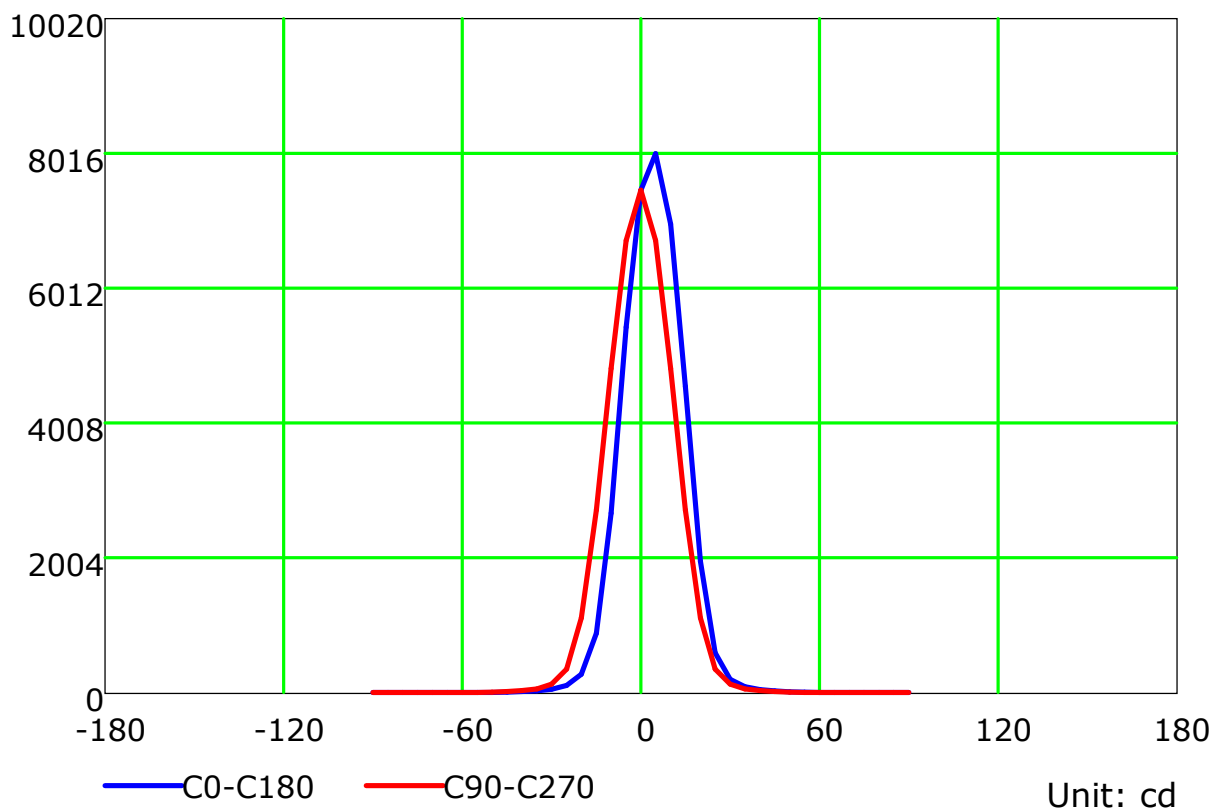
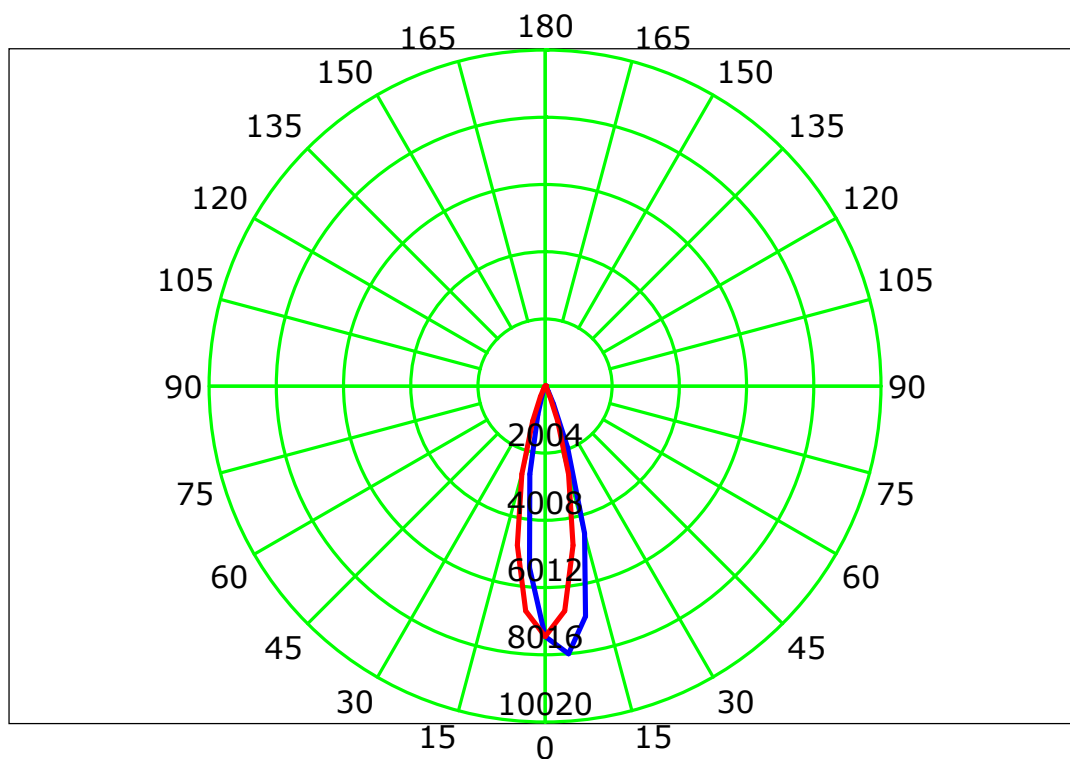
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

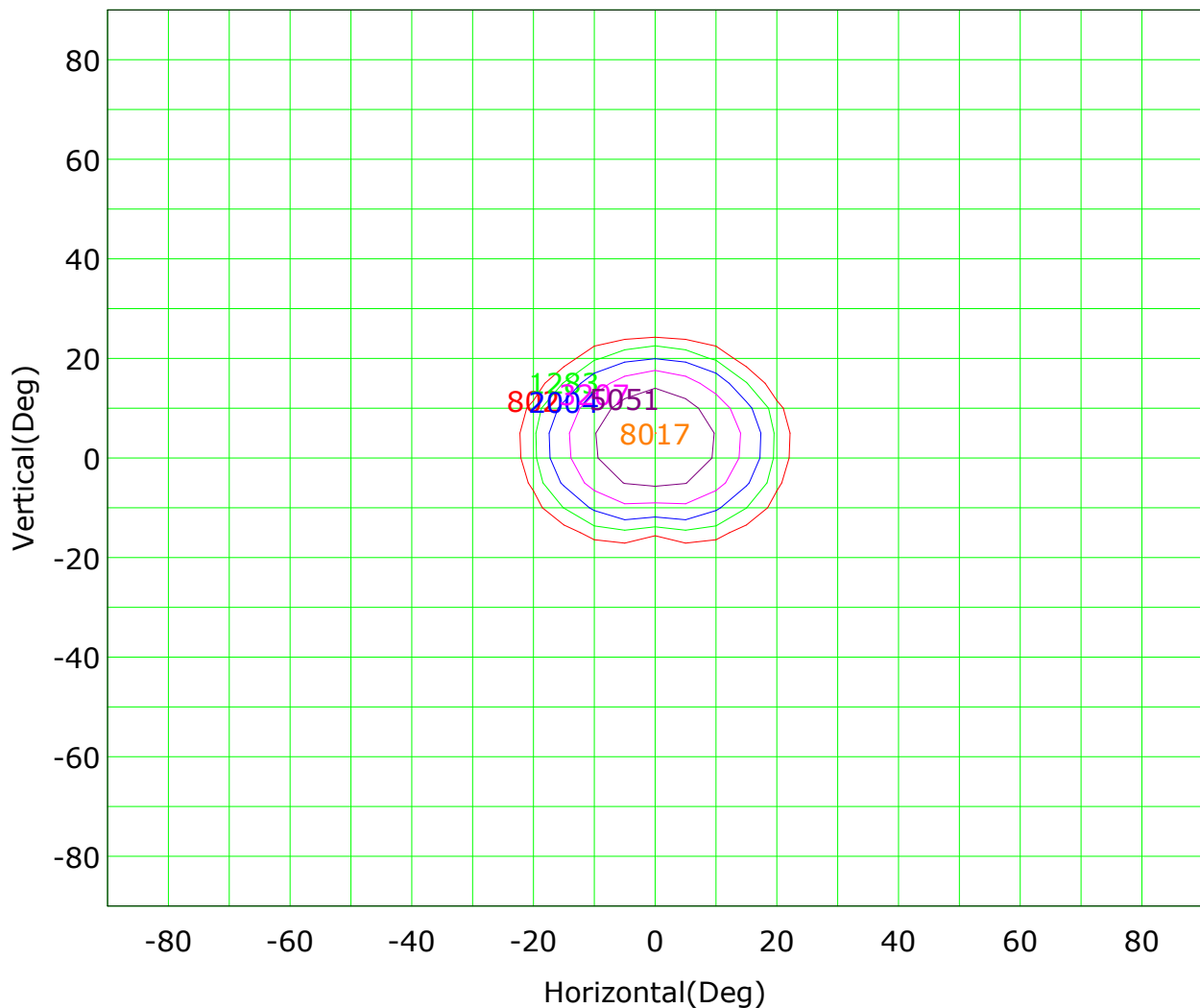
Luminous Intensity Distribution Curve



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%): 8017 cd

(10%): 802 cd	(16%): 1283 cd
(25%): 2004 cd	(40%): 3207 cd
(63%): 5051 cd	(100%): 8017 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

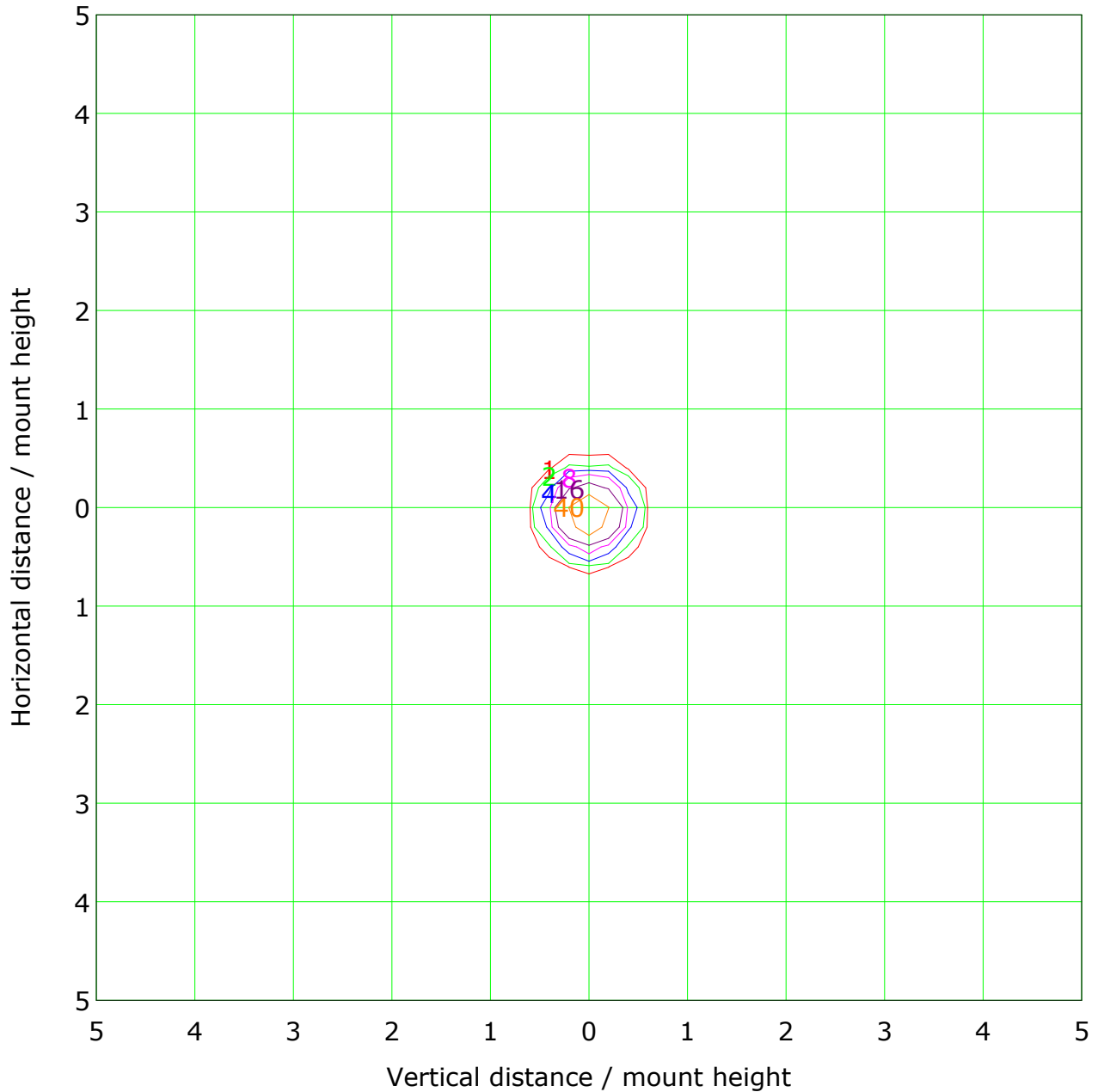
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 79 lx	
(1%):	1 lx	(2%):	2 lx
(5%):	4 lx	(10%):	8 lx
(20%):	16 lx	(50%):	40 lx
(100%):	79 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

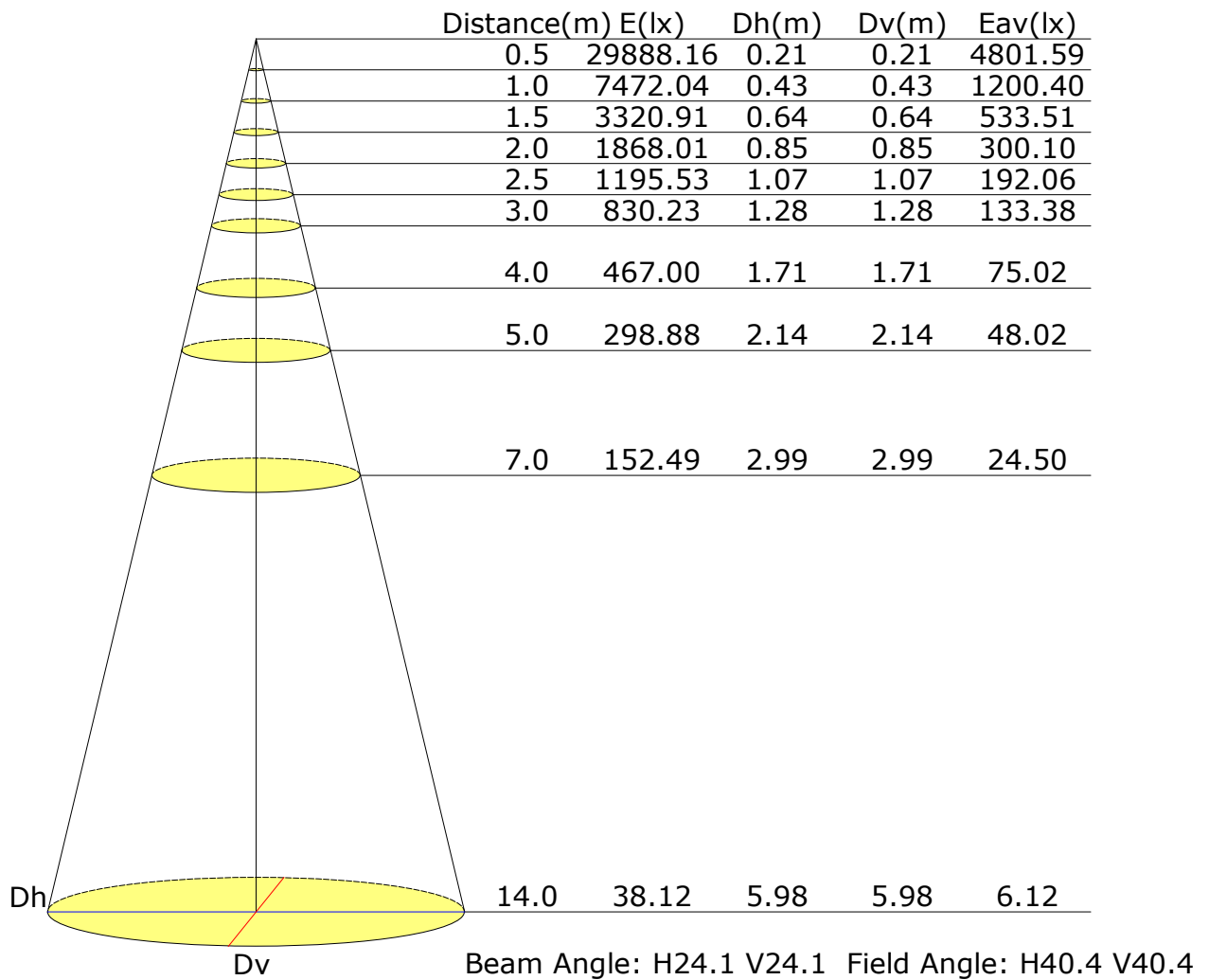
Test Device: CHL-6E

Distance: 3.000 m

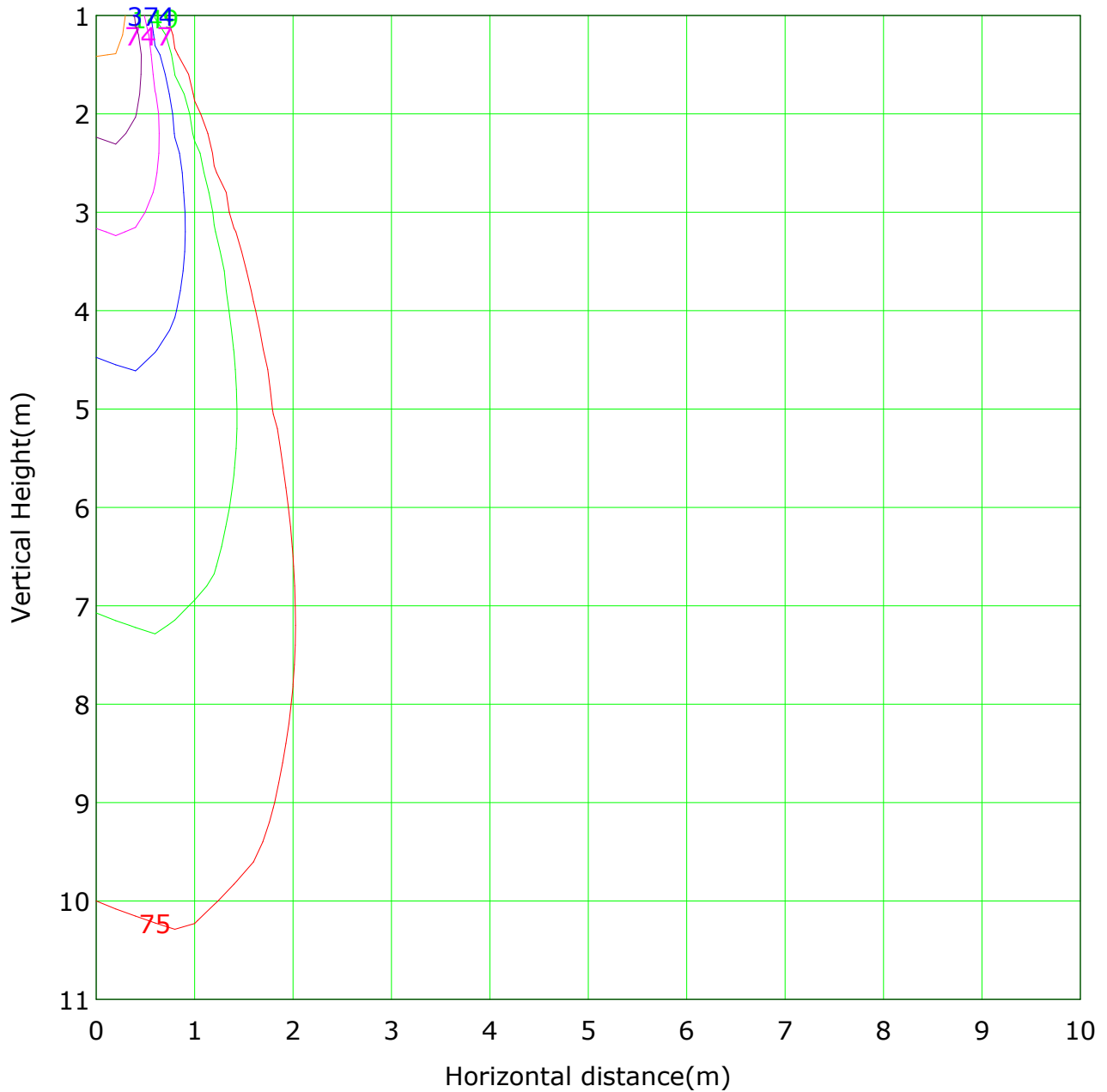
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



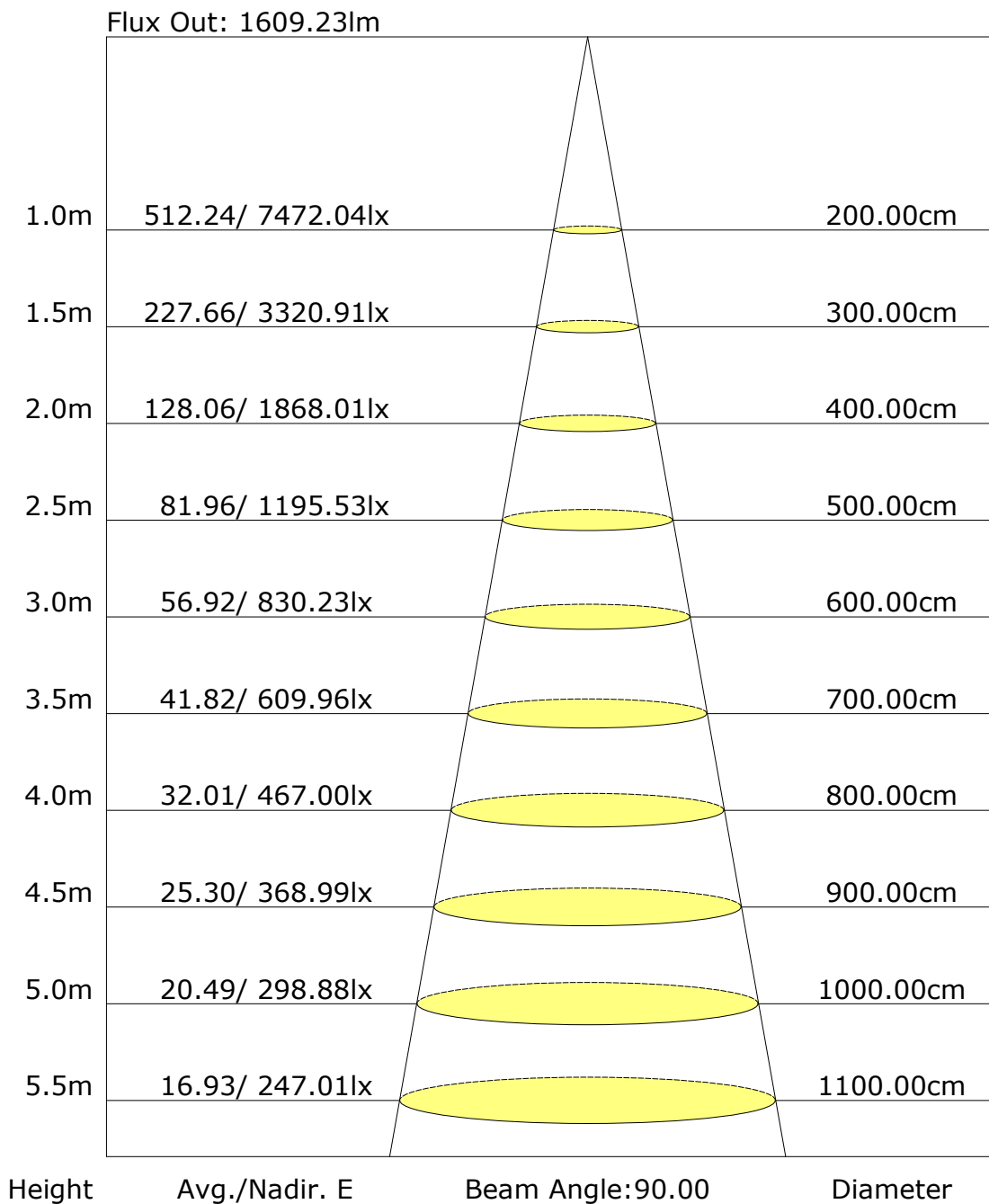
Lowest(m): 1m Highest(m): 11 Max Lux: 7472

(1%): 75 lx	(2%): 149 lx
(5%): 374 lx	(10%): 747 lx
(20%): 1494 lx	(50%): 3736 lx
(100%): 7472 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: