

Report No.:

Test Time: 2023-07-03 17:17

Luminaire Property

Luminaire Category: Citizen 1202 3000K CRI90

Luminaire Description: 93.08411 10D

Current: 0.057 A

Power Factor: 0.910

Voltage: 212.5 V

Power: 11.10 W

Photometric Results

CIE Class: Direct

Measurement Flux: 554.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H21.8

Vertical Diffuse Angle(50%): V21.8

Luminaire Efficacy Rating (LER): 50

Max. Intensity: 2857.68 cd

Total Rated Lamp Lumens: 554.7 lm

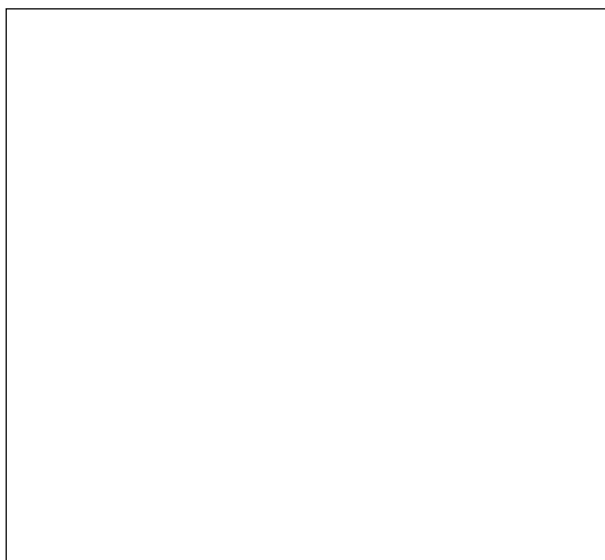
Efficiency: 100%

Upward Ratio: 0%

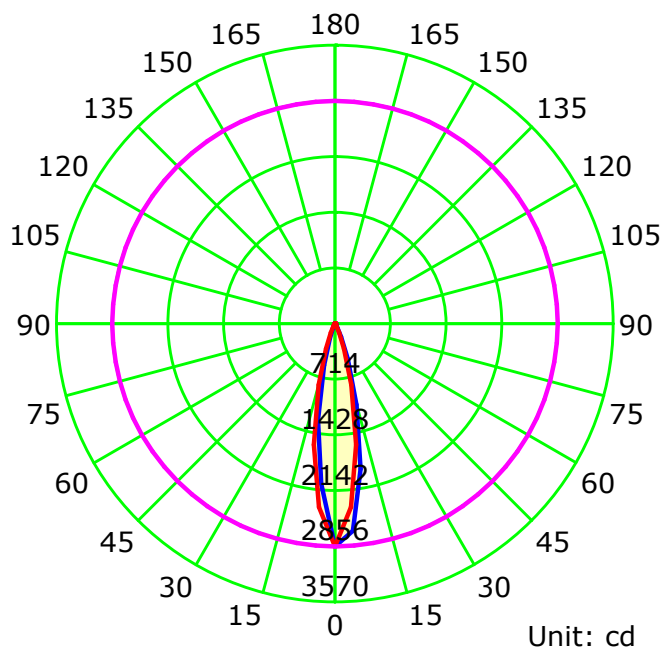
Central Intensity: 2857.68 cd

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

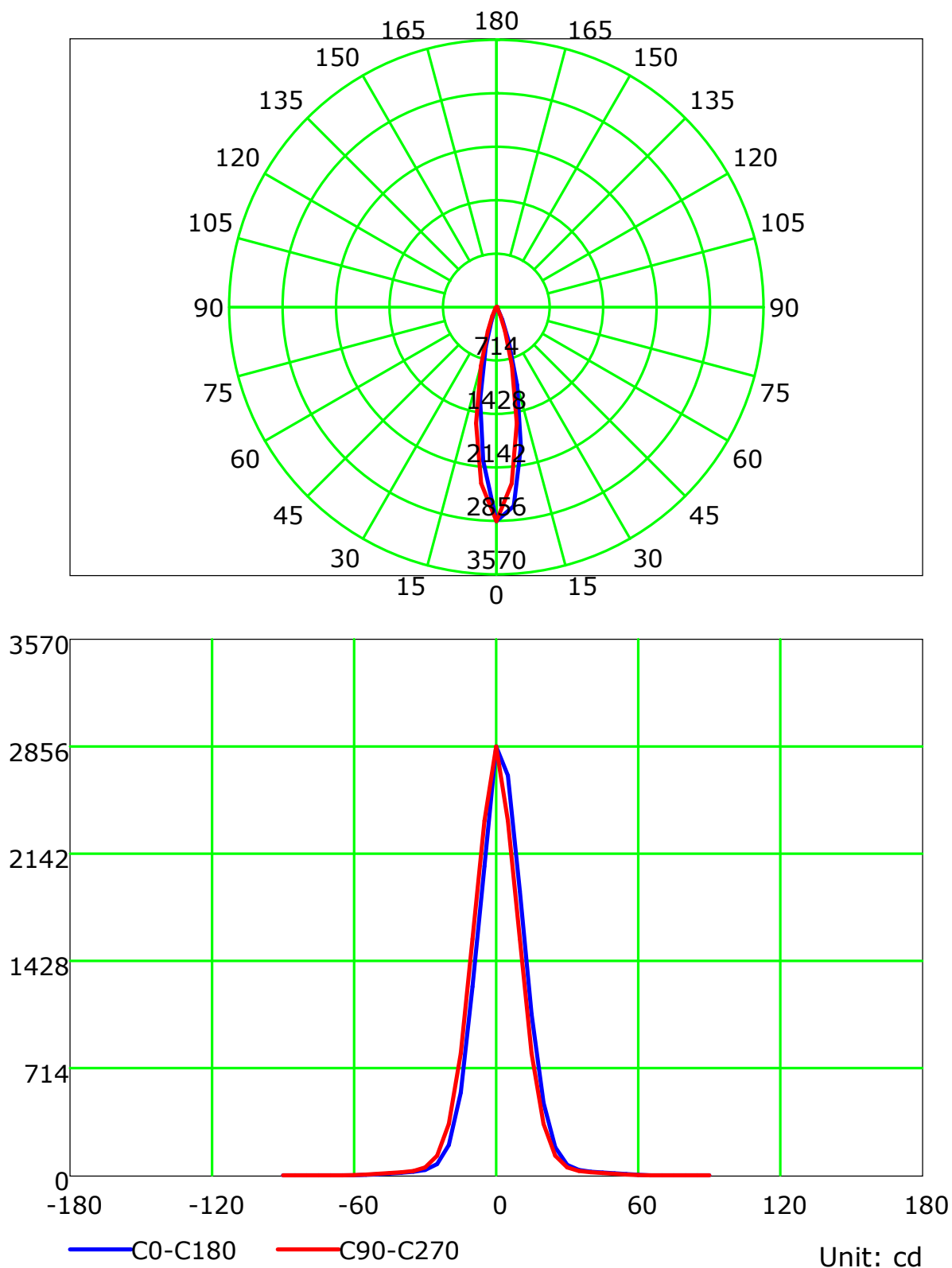
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

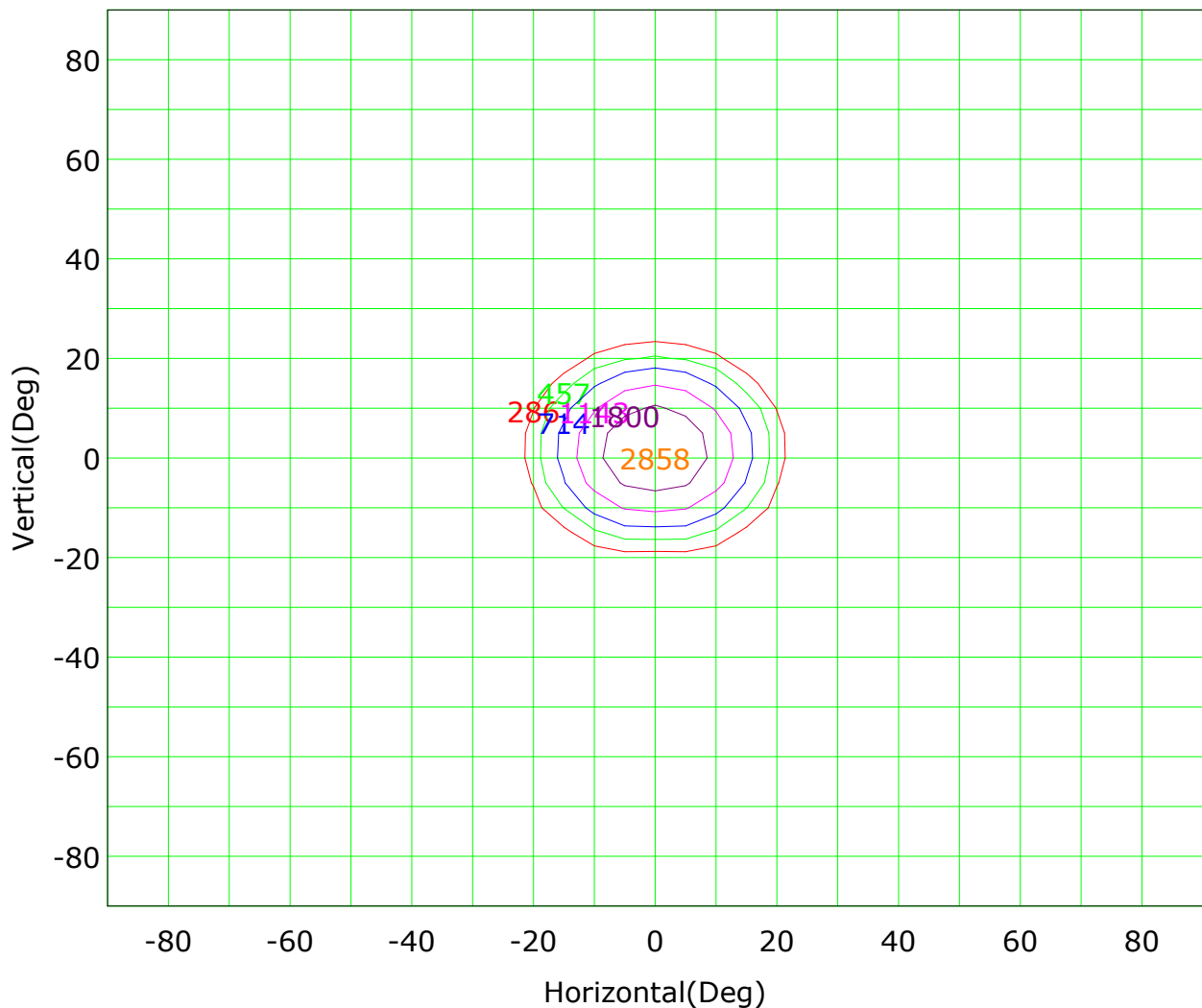
Luminous Intensity Distribution Curve



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%): 2858 cd

(10%): 286 cd	(16%): 457 cd
(25%): 714 cd	(40%): 1143 cd
(63%): 1800 cd	(100%): 2858 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

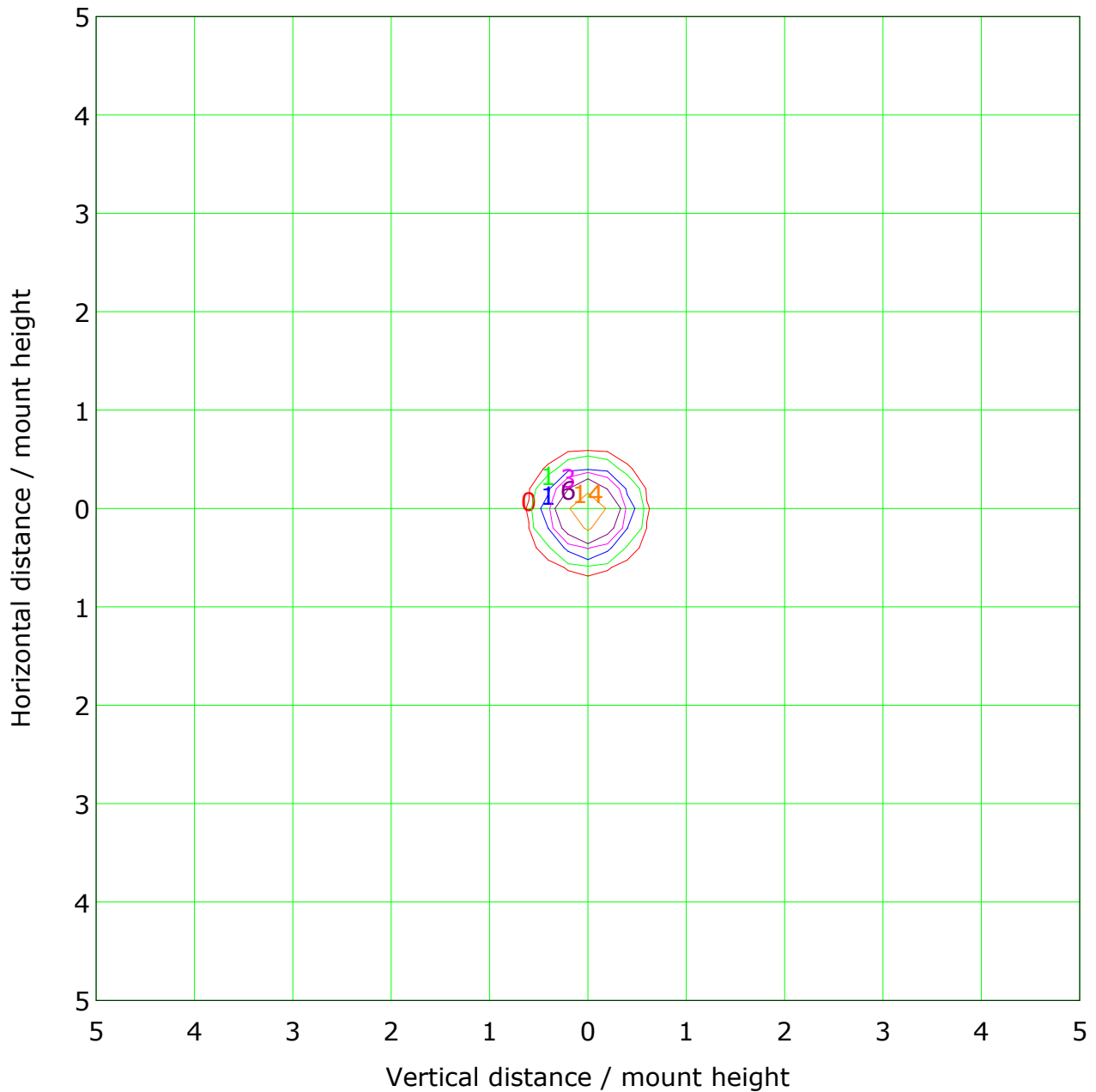
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

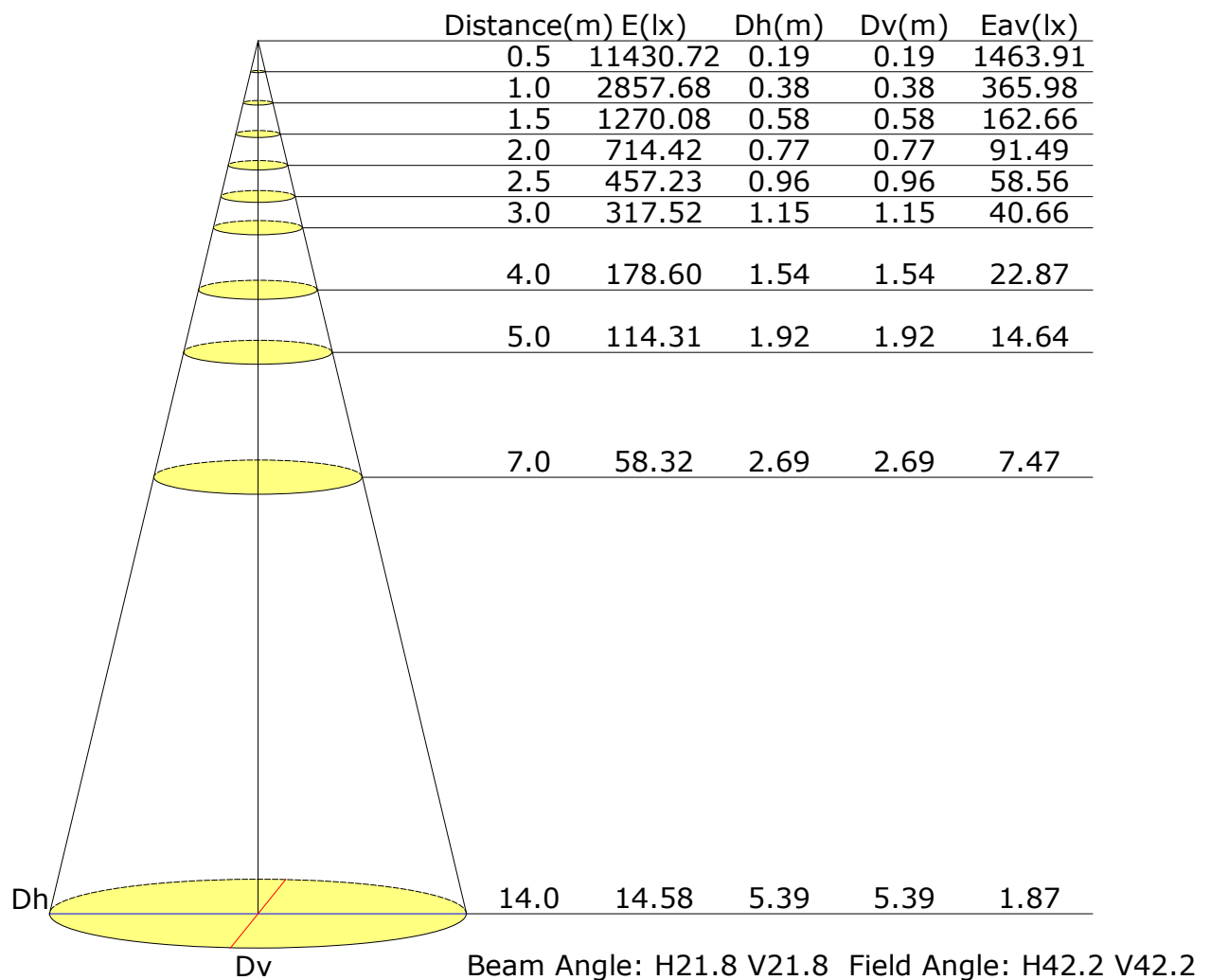


Mounting Height: 10m		Max Lux(100%): 29 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	1 lx	(10%):	3 lx
(20%):	6 lx	(50%):	14 lx
(100%):	29 lx		

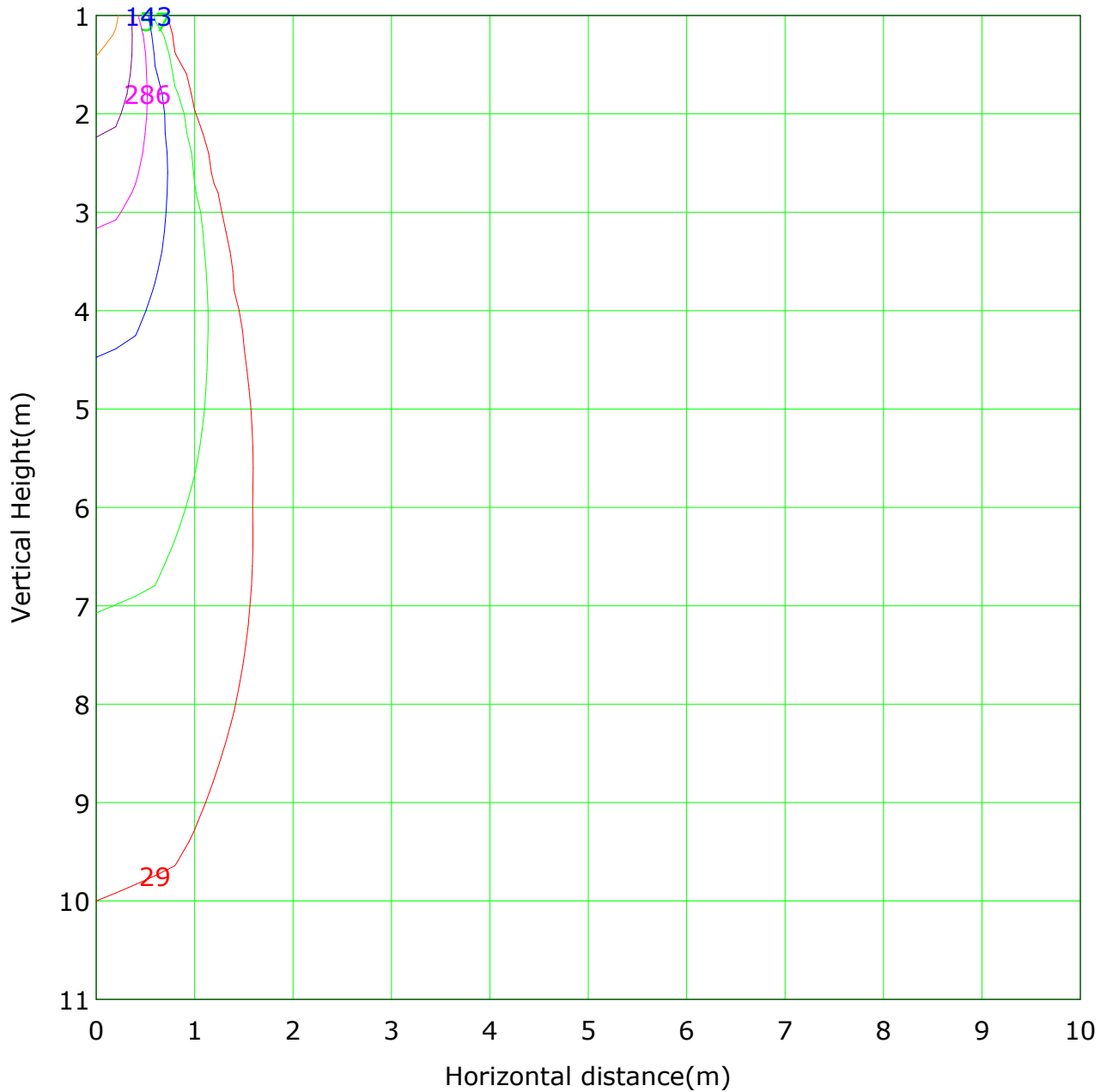
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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: 2858

(1%): 29 lx	(2%): 57 lx
(5%): 143 lx	(10%): 286 lx
(20%): 572 lx	(50%): 1429 lx
(100%): 2858 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

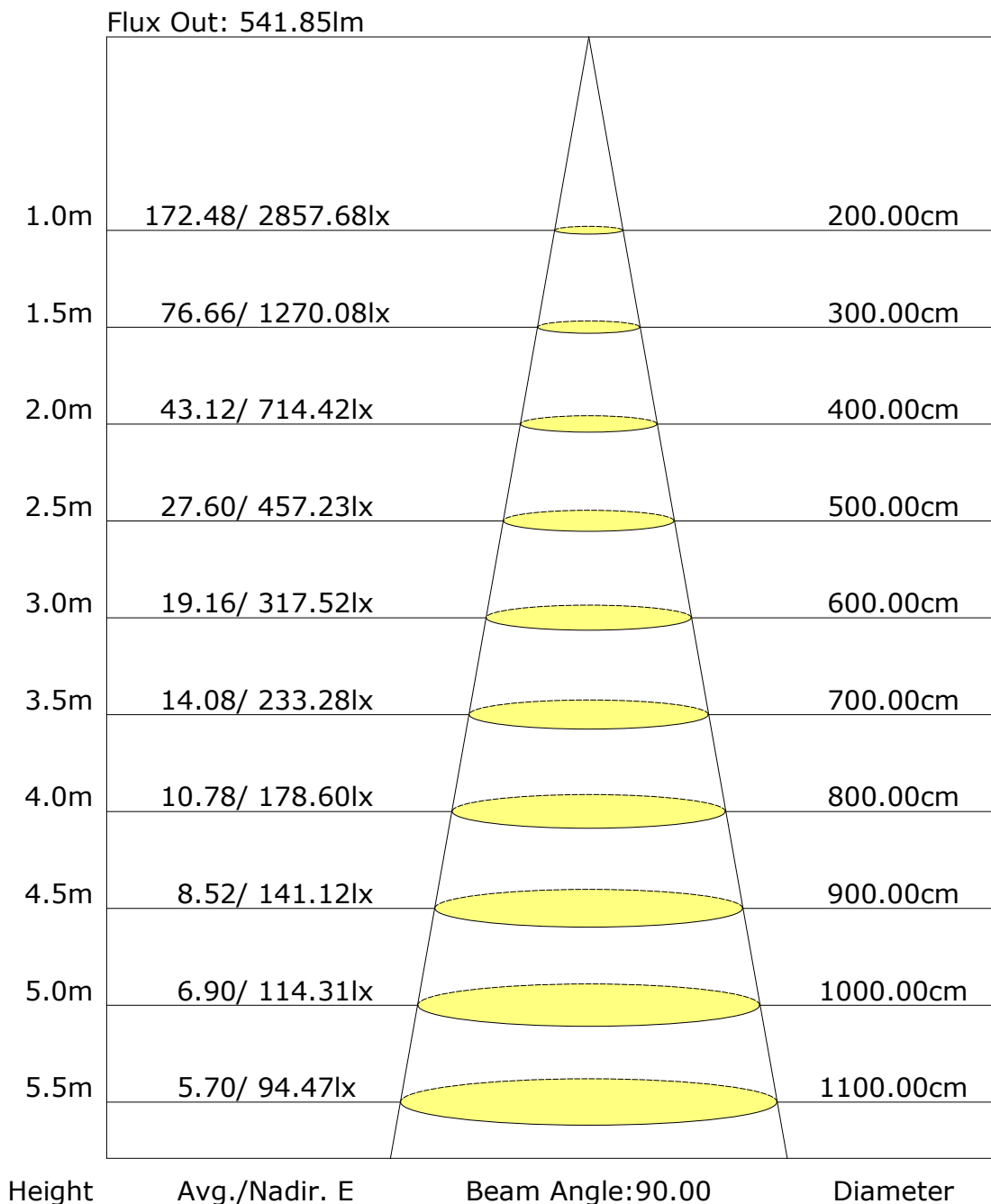
Test Device: CHL-6E

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: