

Report No.: 91.09511 Surface Mounted

Test Time: 2023-07-07 09:25

Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Voltage: 208.9 V

Current: 0.118 A

Power: 16.30 W

Power Factor: 0.657

Photometric Results

CIE Class: Direct

Measurement Flux: 1265.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H23.9

Vertical Diffuse Angle(50%): V23.9

Luminaire Efficacy Rating (LER): 78

Max. Intensity: 5729.65 cd

Total Rated Lamp Lumens: 1265.3 lm

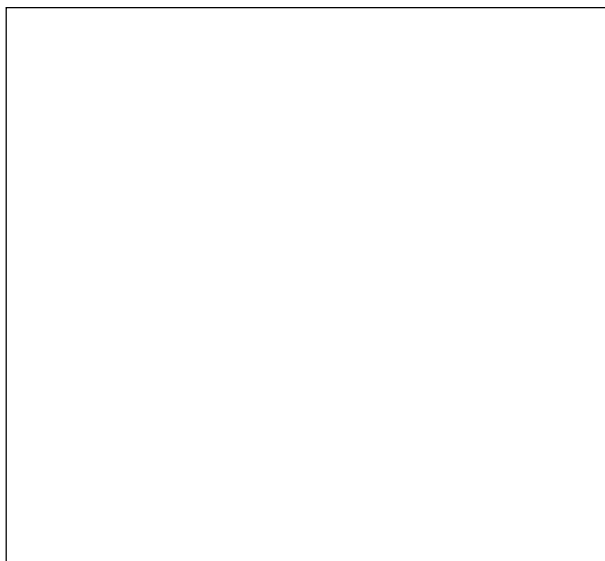
Efficiency: 100%

Upward Ratio: 0%

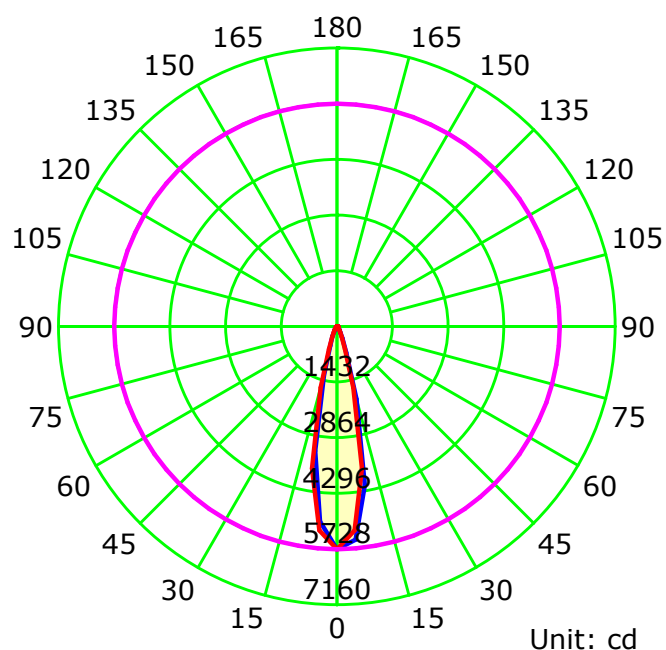
Central Intensity: 5729.64 cd

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

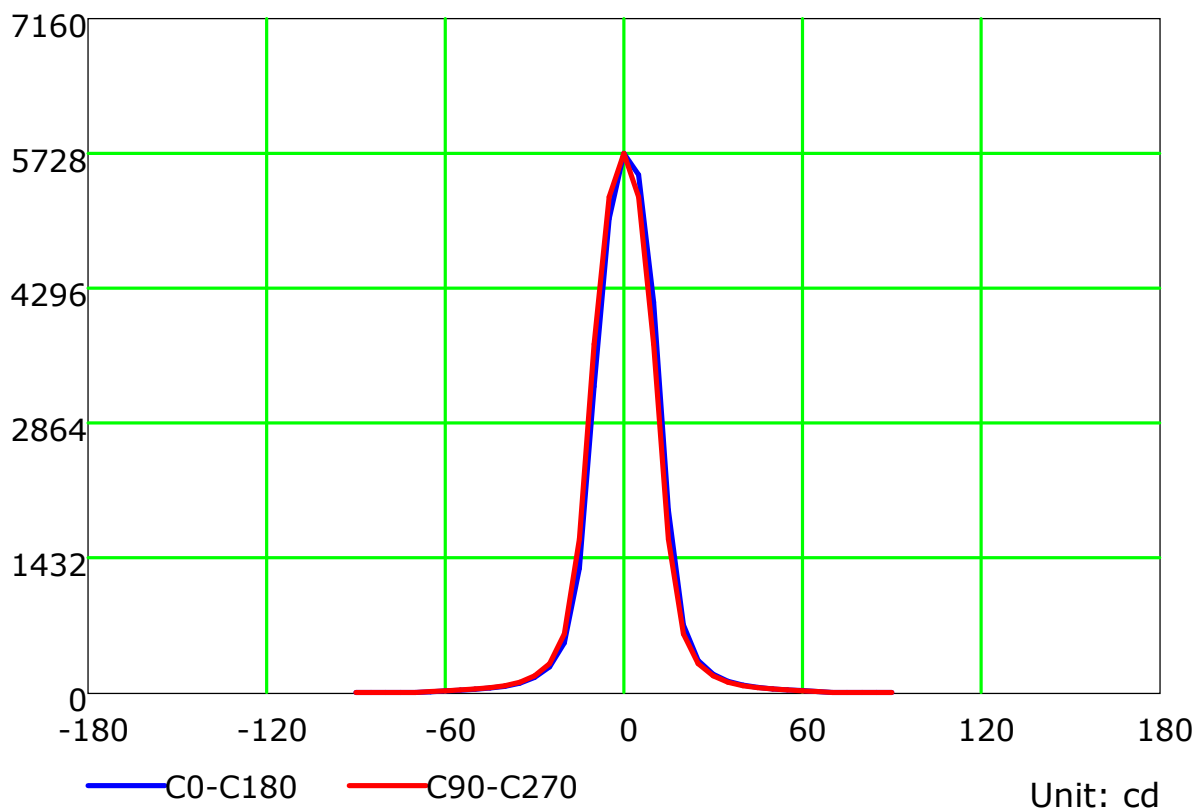
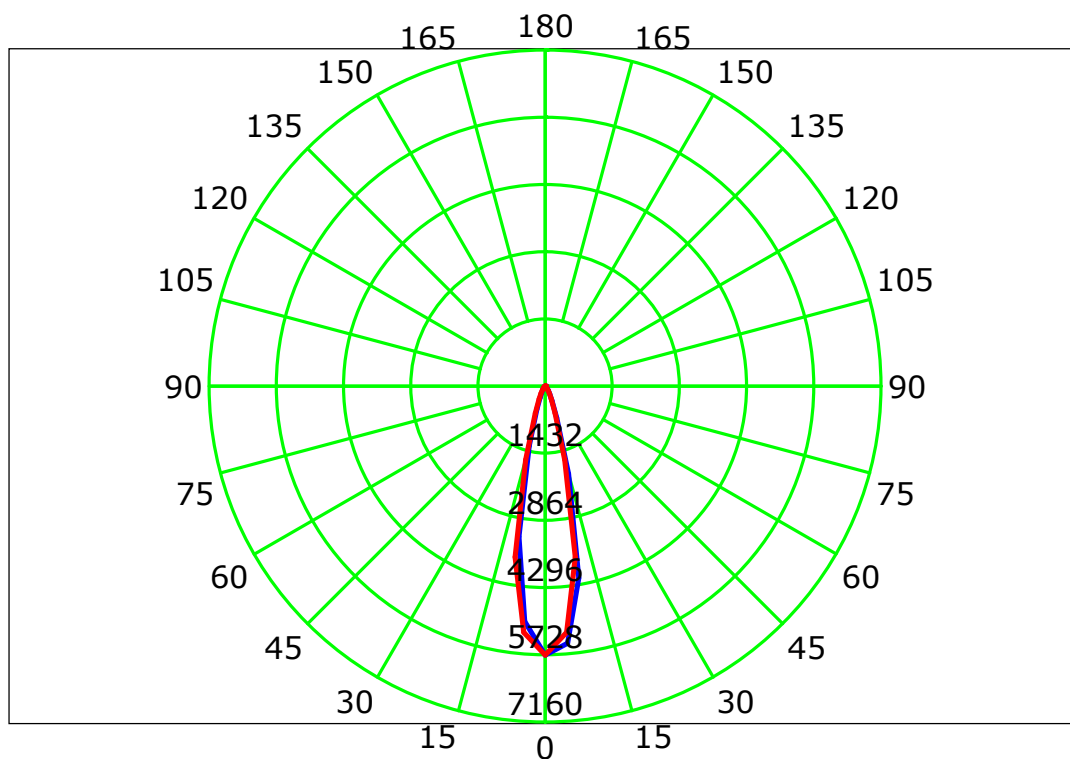
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

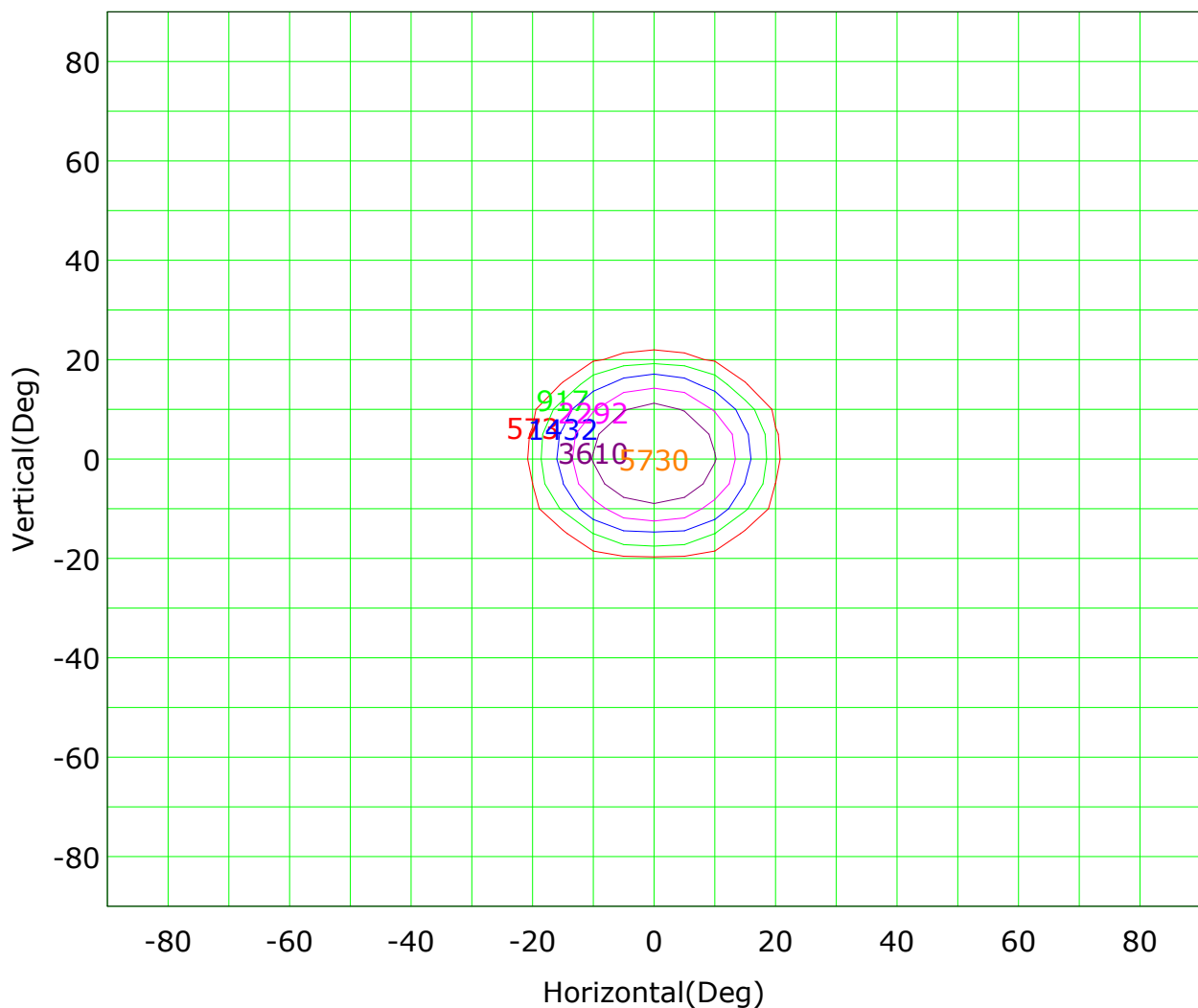
Luminous Intensity Distribution Curve



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%): 5730 cd

(10%): 573 cd	(16%): 917 cd
(25%): 1432 cd	(40%): 2292 cd
(63%): 3610 cd	(100%): 5730 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

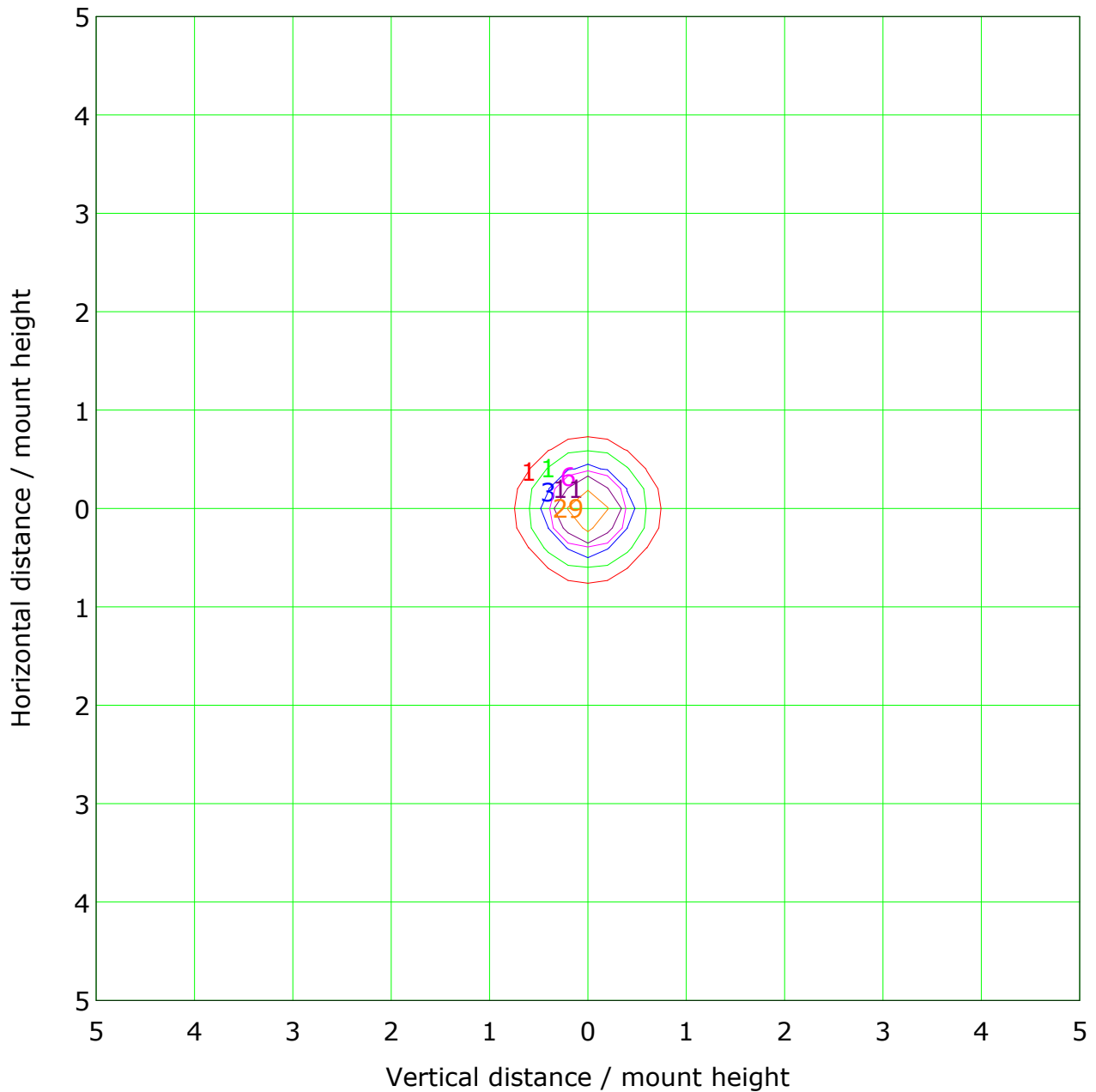
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

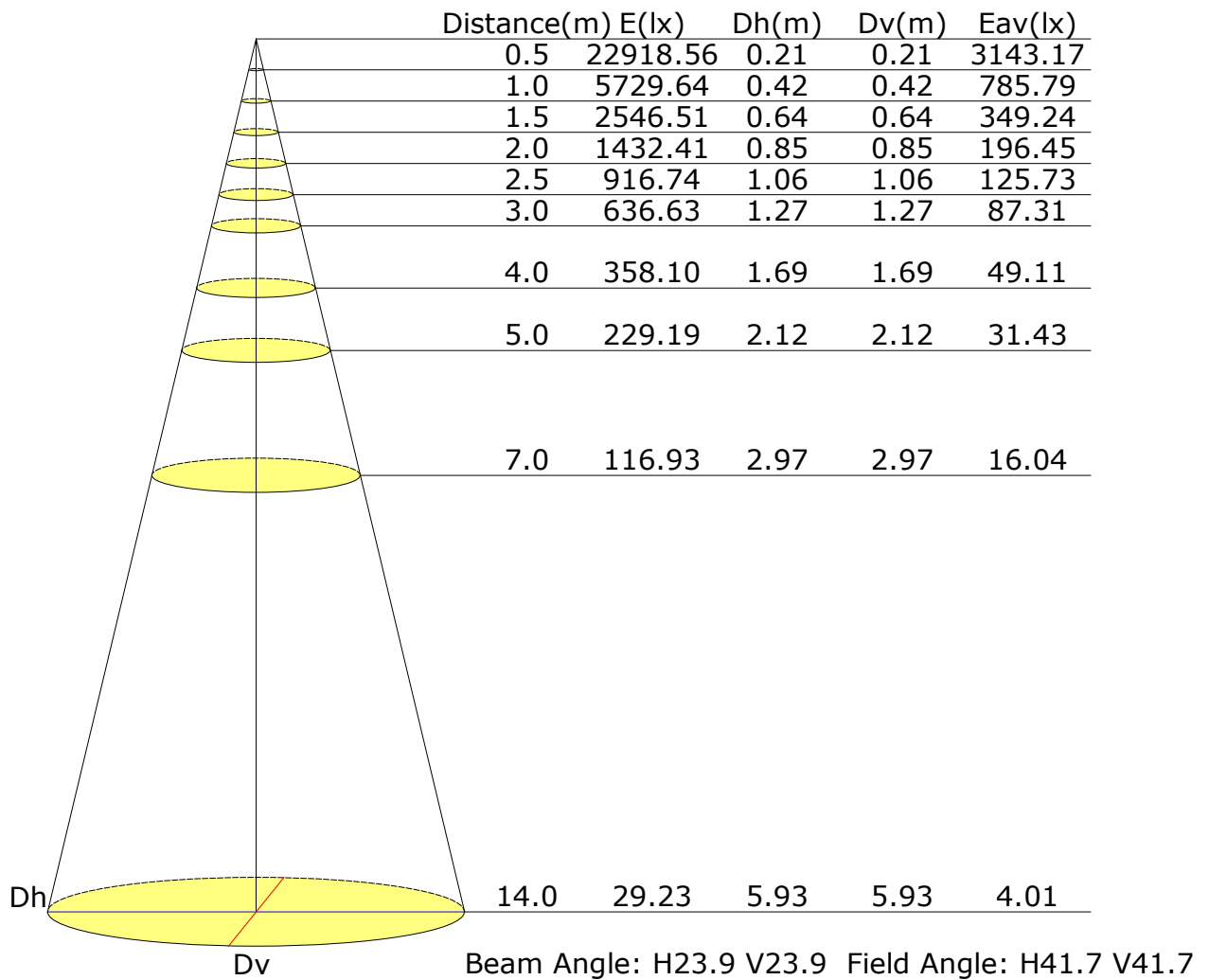


Mounting Height: 10m Max Lux(100%): 57 lx			
— (1%):	1 lx	— (2%):	1 lx
— (5%):	3 lx	— (10%):	6 lx
— (20%):	11 lx	— (50%):	29 lx
— (100%):	57 lx		

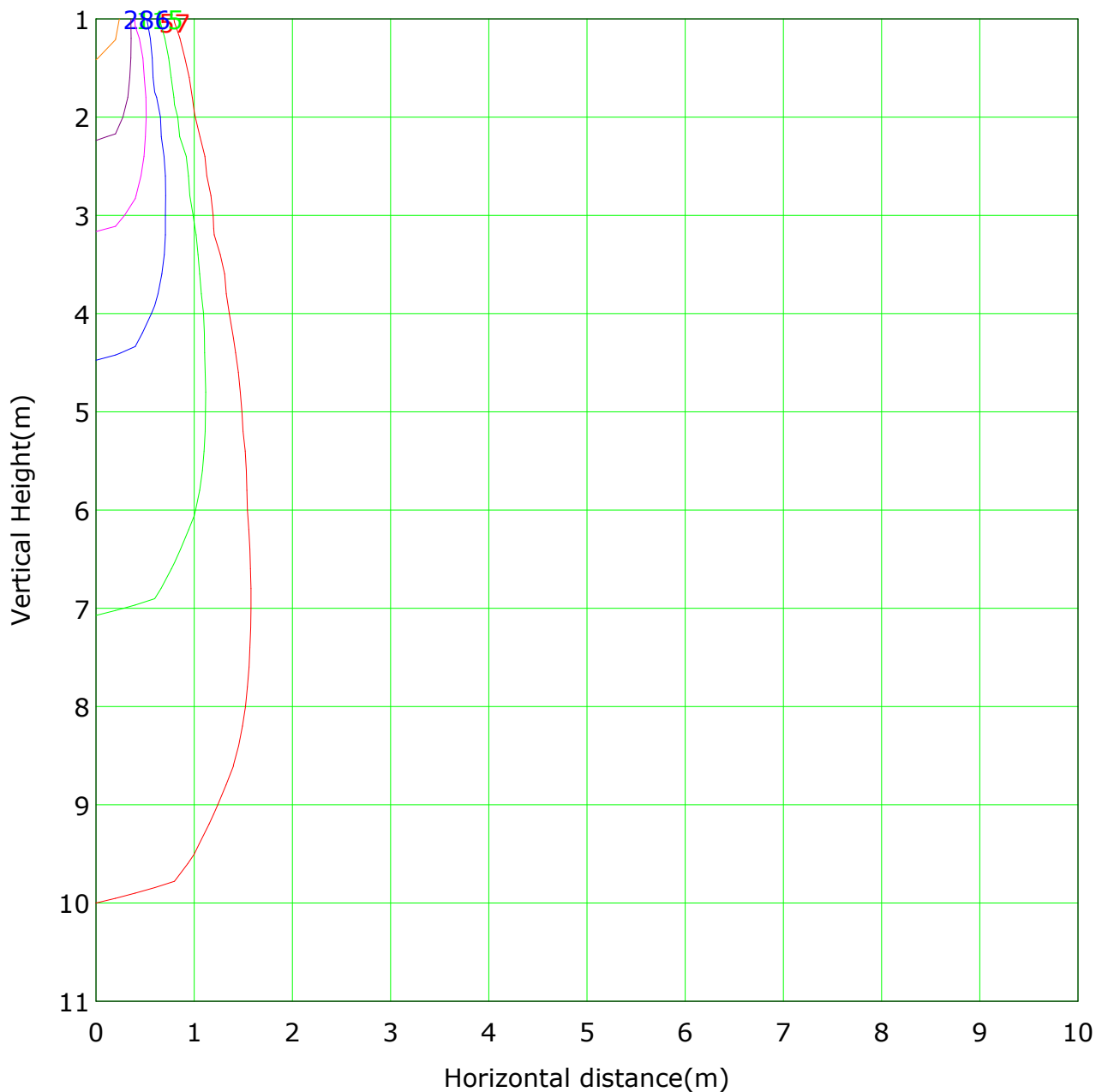
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



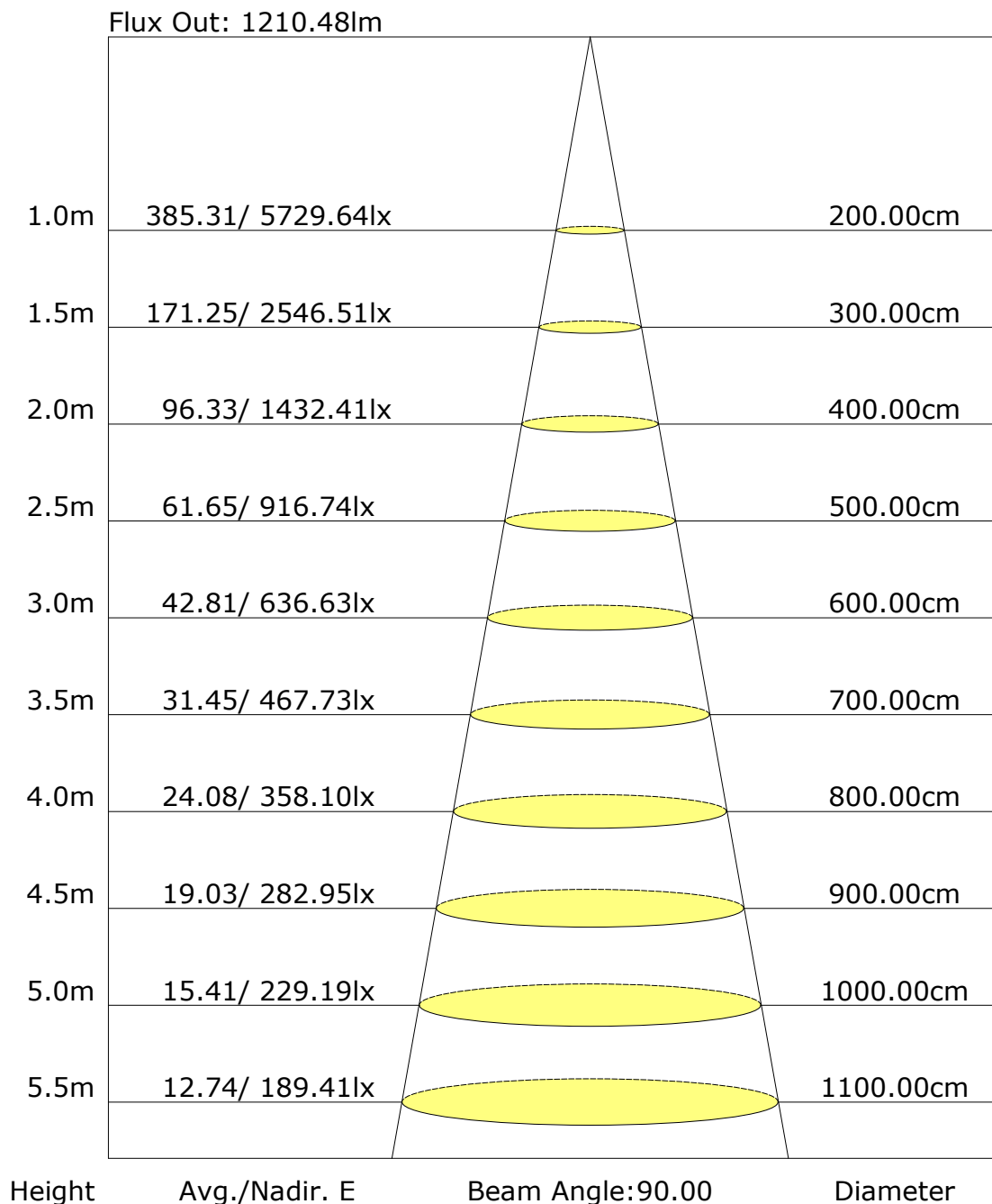
Lowest(m): 1m Highest(m): 11 Max Lux: 5730

(1%): 57 lx	(2%): 115 lx
(5%): 286 lx	(10%): 573 lx
(20%): 1146 lx	(50%): 2865 lx
(100%): 5730 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: