

Report No.: 92.10013 SQA Surfae Mounted Test Time: 2023-07-06 20:31

Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Luminaire Description: 38D

Current: 0.107 A

Power Factor: 0.598

Voltage: 218.7 V

Power: 14.20 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1244.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H38.6

Vertical Diffuse Angle(50%): V38.6

Luminaire Efficacy Rating (LER): 88

Max. Intensity: 2950.09 cd

Total Rated Lamp Lumens: 1244.1 lm

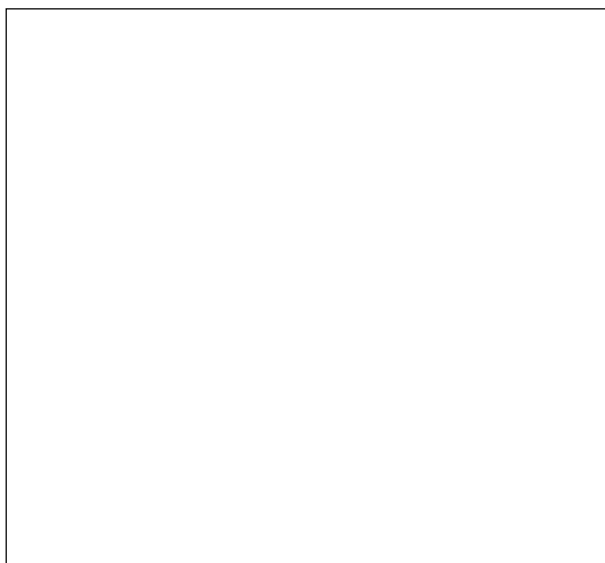
Efficiency: 100%

Upward Ratio: 0%

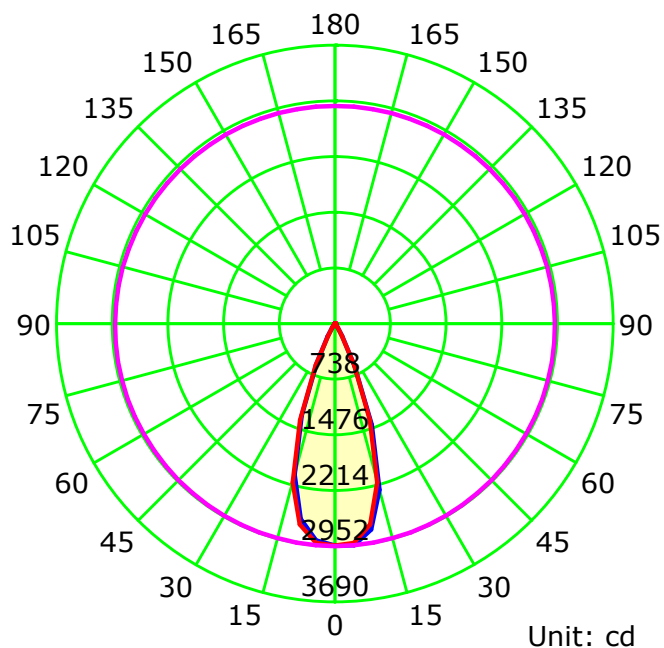
Central Intensity: 2942.62 cd

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

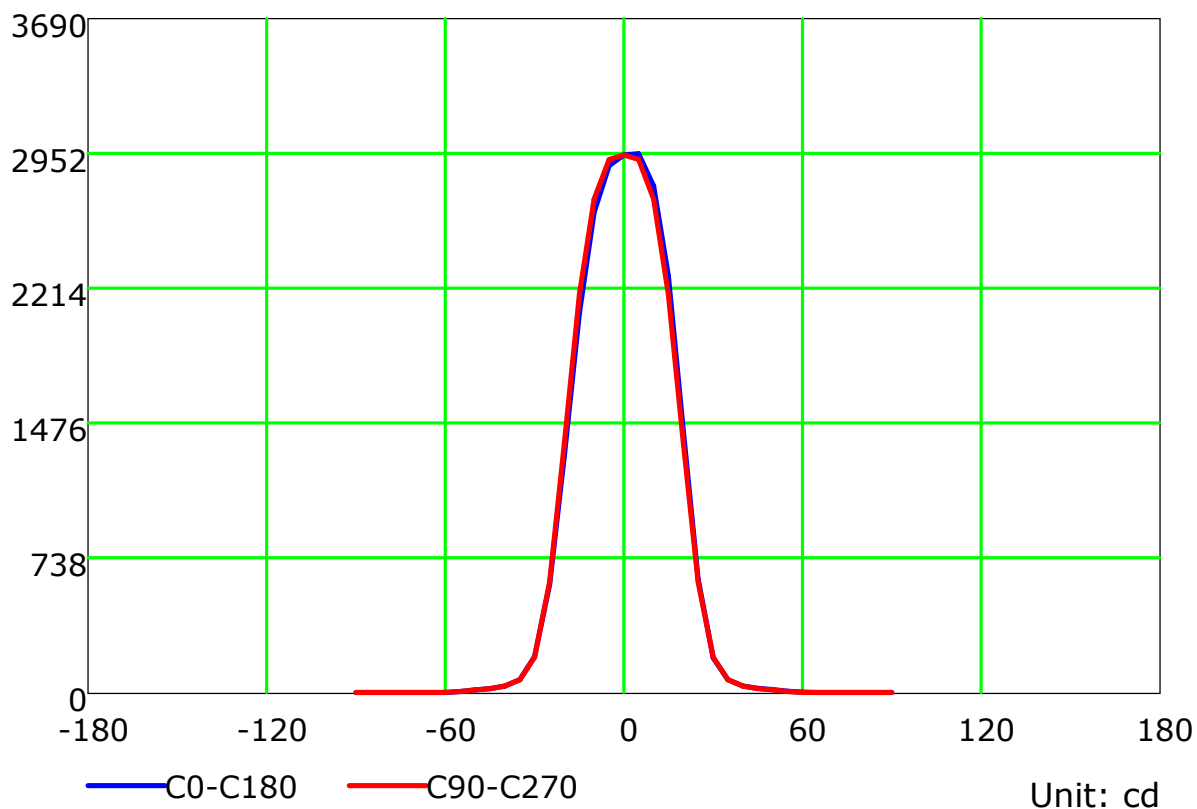
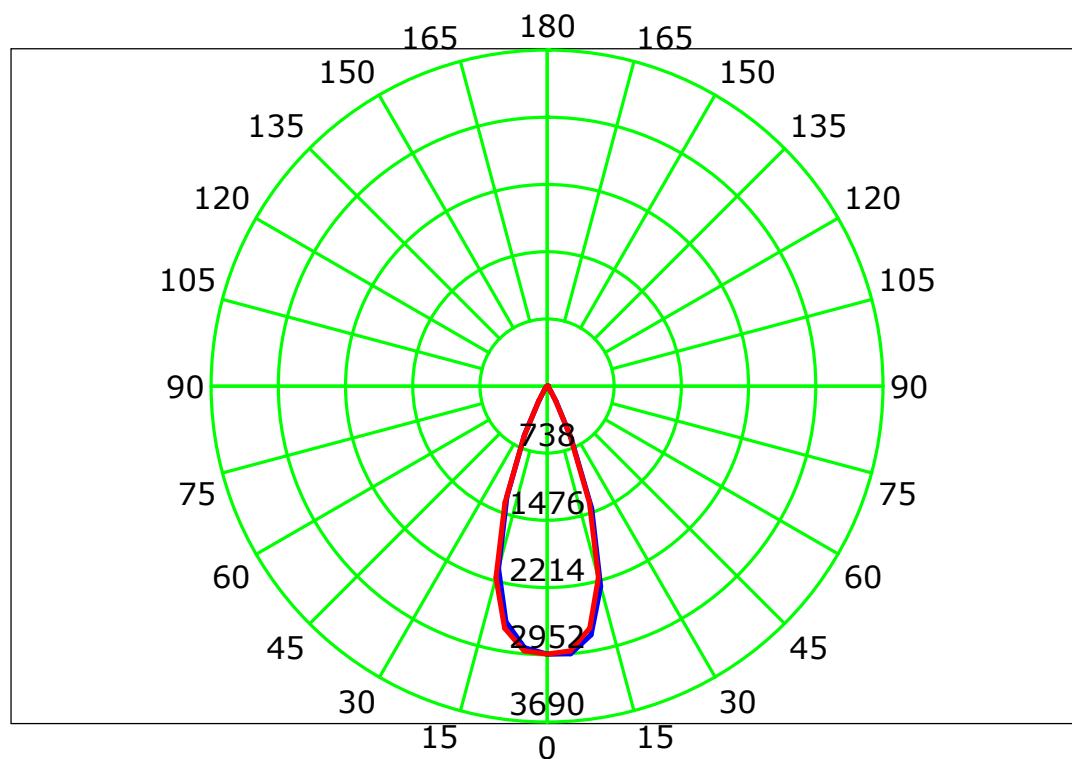
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve

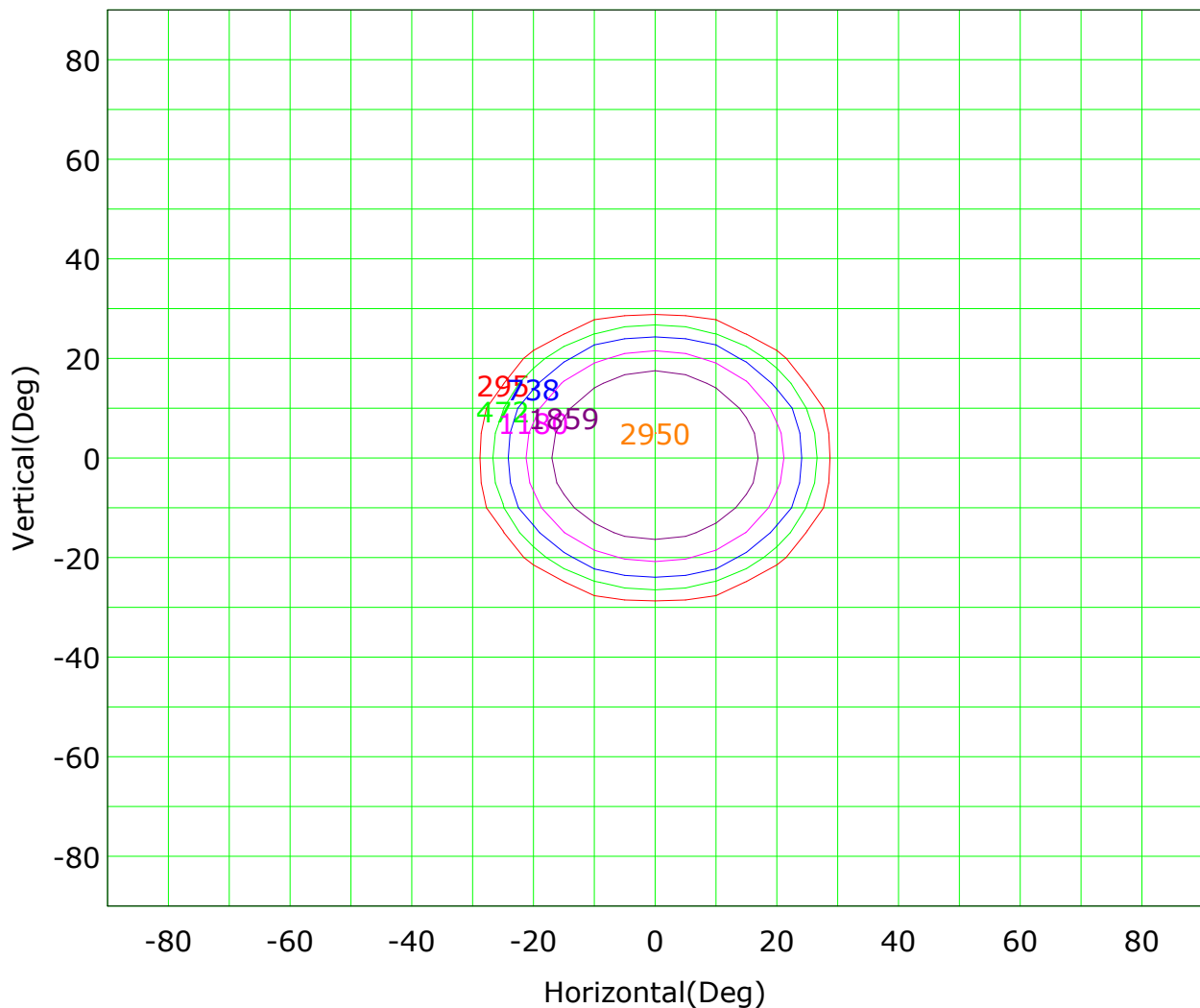


Unit: cd

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:

Isocandela (rectangle)



Imax (100%): 2950 cd

(10%): 295 cd	(16%): 472 cd
(25%): 738 cd	(40%): 1180 cd
(63%): 1859 cd	(100%): 2950 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

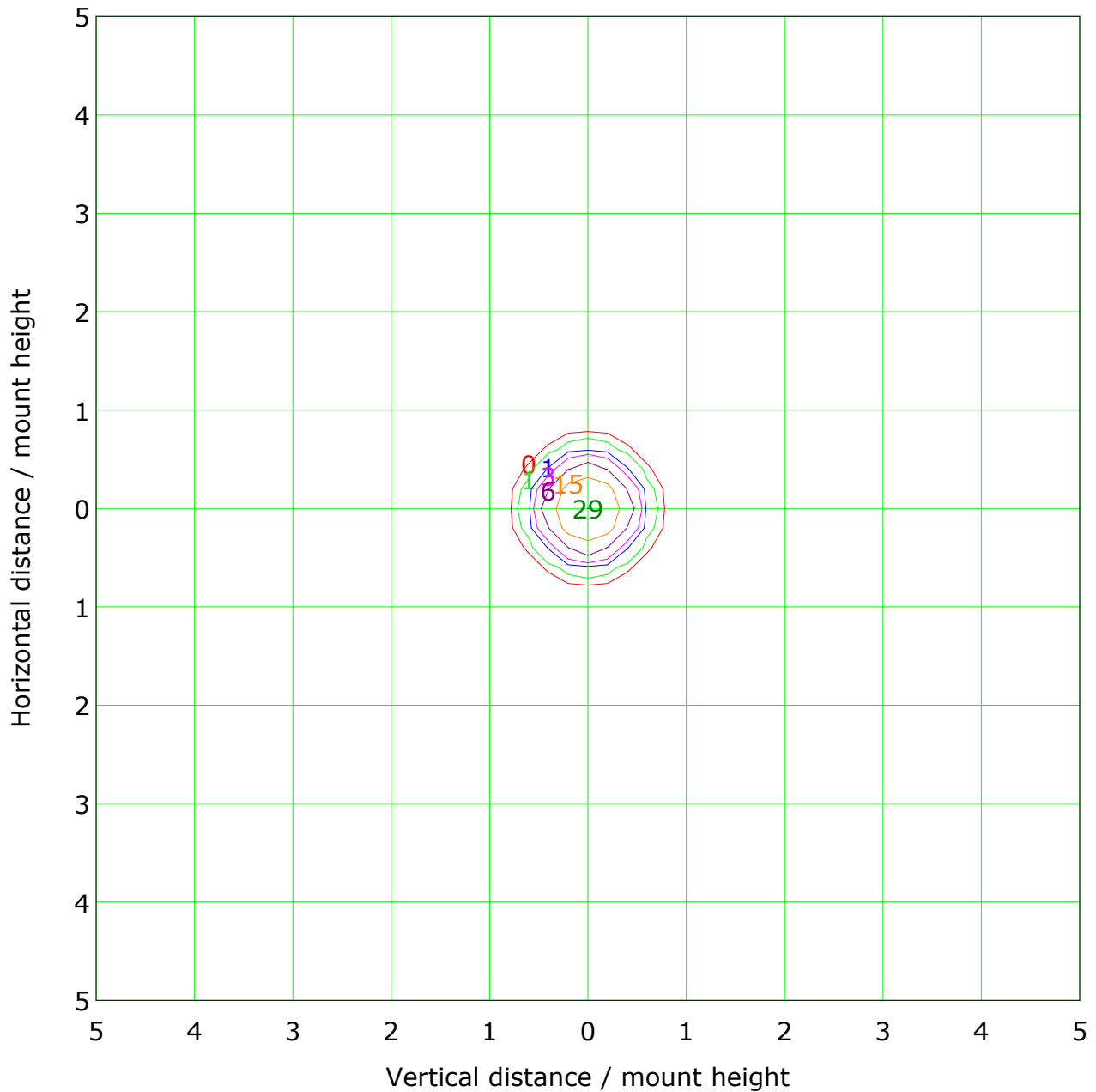
Test Device: CHL-6E

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%):	15 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

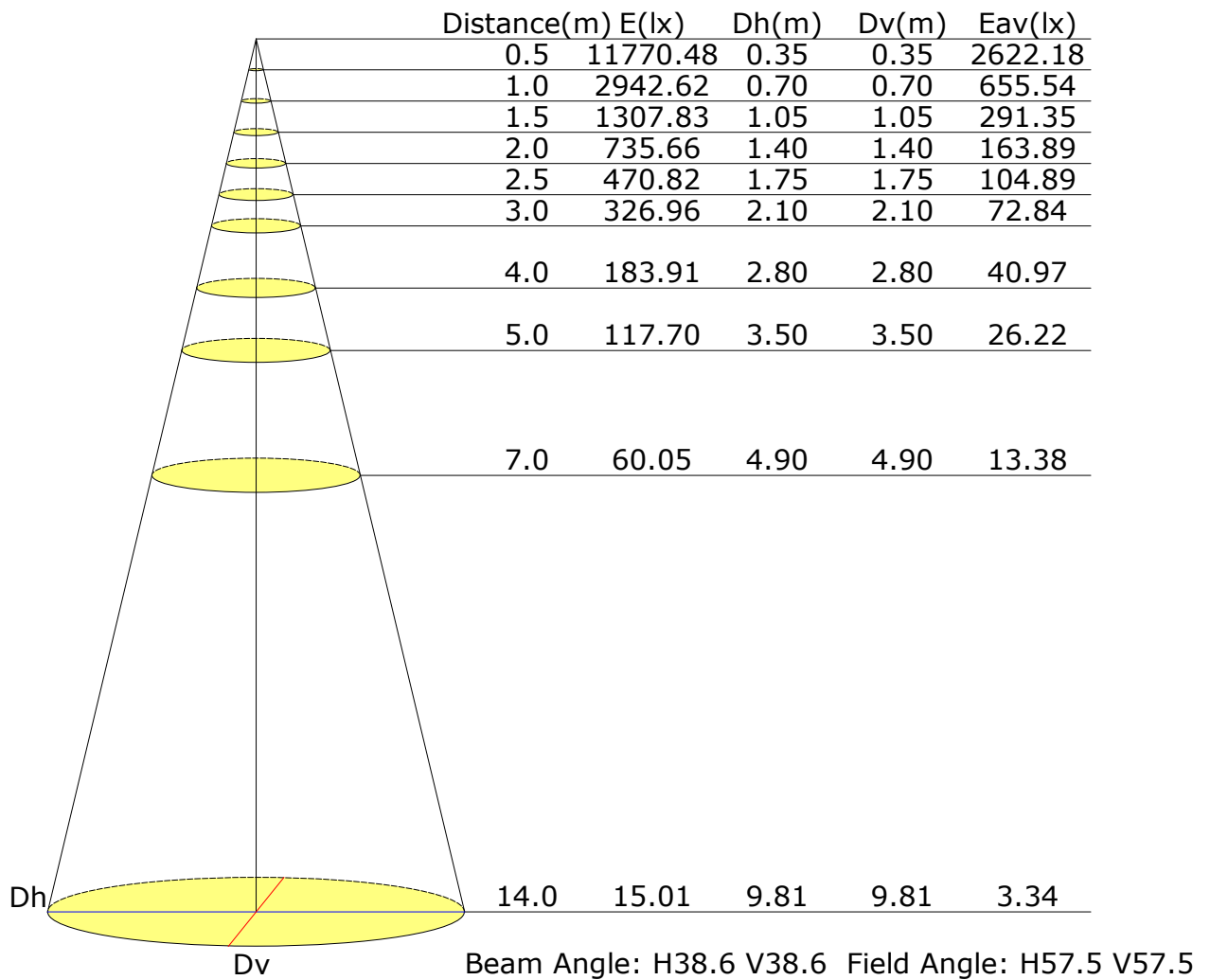
Test Device: CHL-6E

Distance: 3.000 m

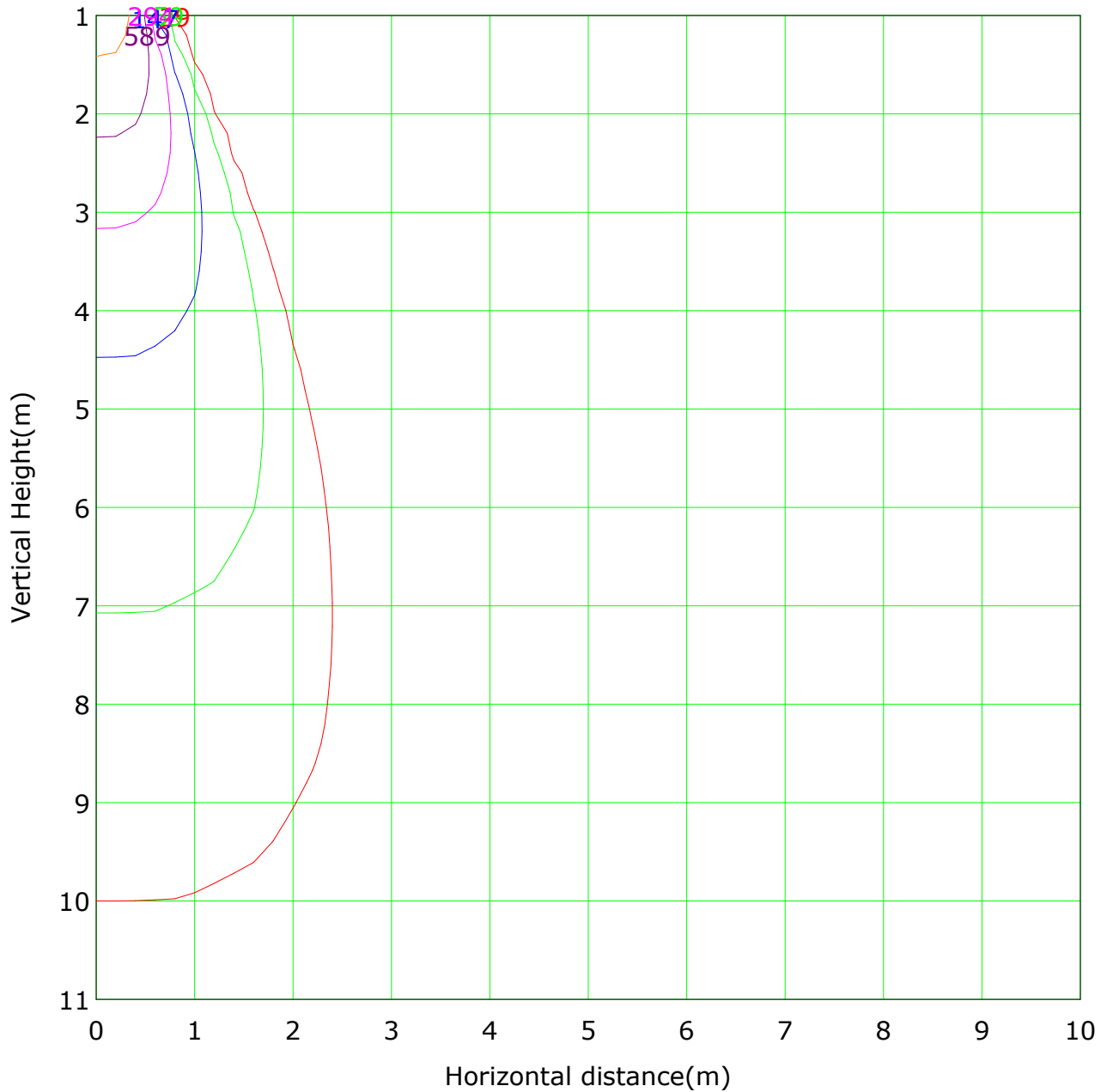
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



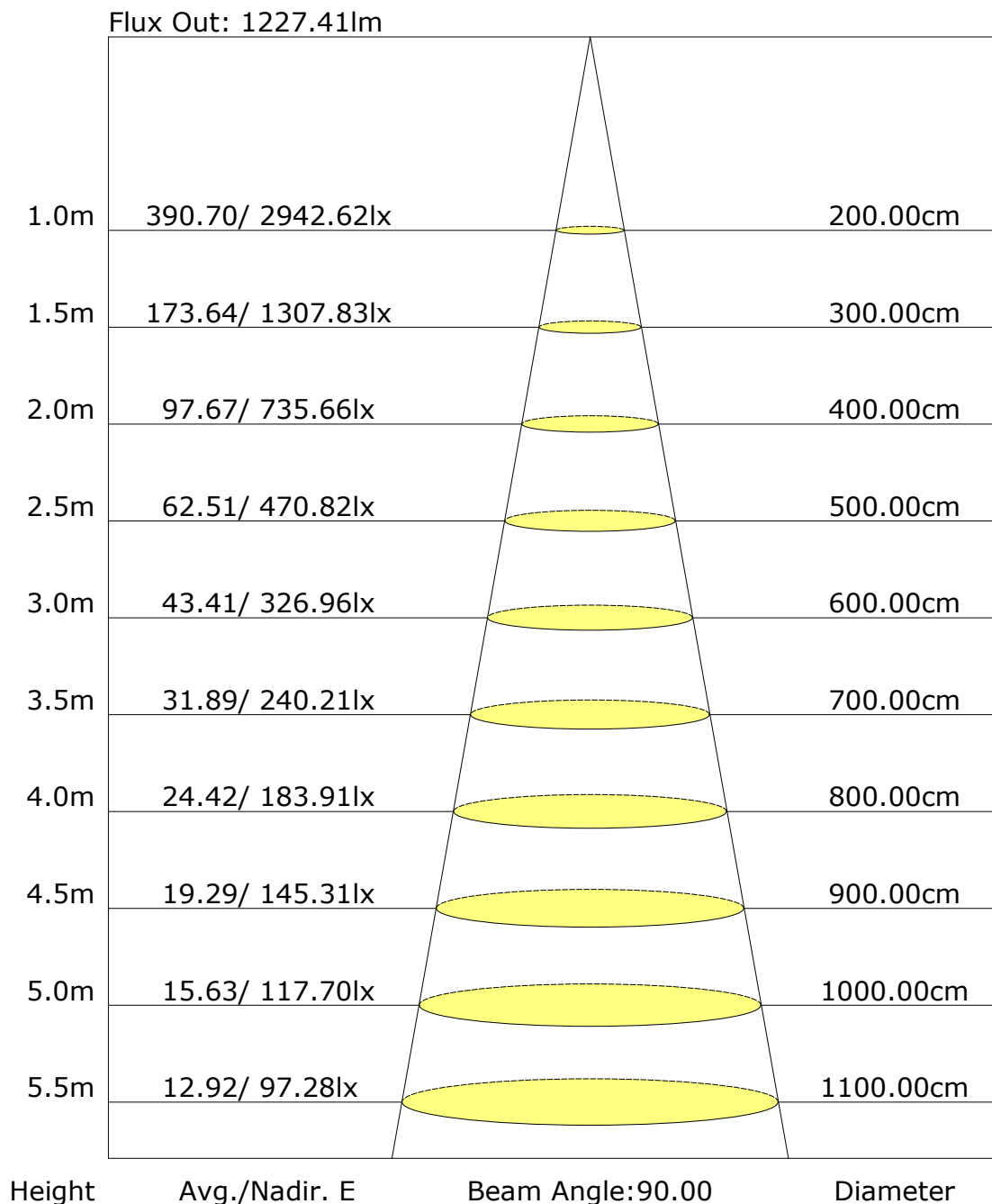
Lowest(m): 1m Highest(m): 11 Max Lux: 2943

(1%): 29 lx	(2%): 59 lx
(5%): 147 lx	(10%): 294 lx
(20%): 589 lx	(50%): 1471 lx
(100%): 2943 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]

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:

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: