

Report No.: 94.10013 SQF Surfae Mounted Test Time: 2023-07-06 20:07

Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Luminaire Description: 24D

Current: 0.082 A

Power Factor: 0.578

Voltage: 215.9 V

Power: 10.30 W

Photometric Results

CIE Class: Direct

Measurement Flux: 670.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H24.1

Vertical Diffuse Angle(50%): V24.1

Luminaire Efficacy Rating (LER): 65

Max. Intensity: 2871.61 cd

Total Rated Lamp Lumens: 670.3 lm

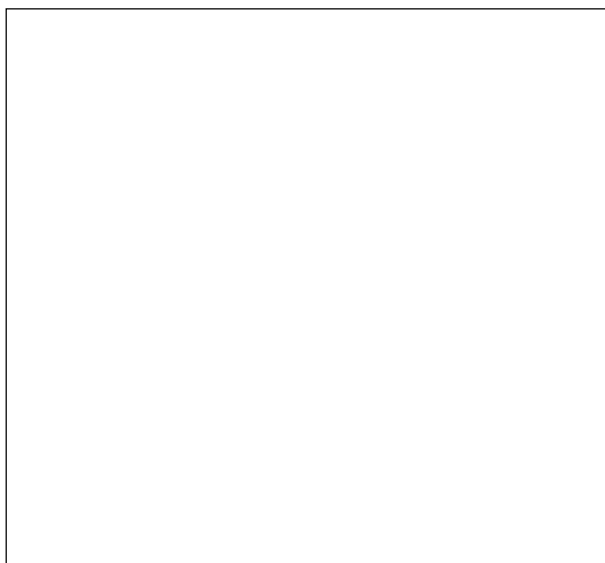
Efficiency: 100%

Upward Ratio: 0%

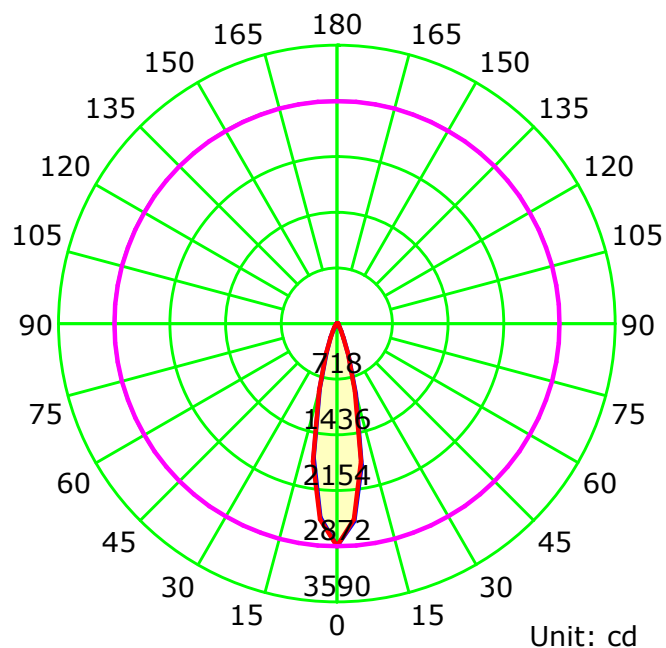
Central Intensity: 2871.6 cd

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

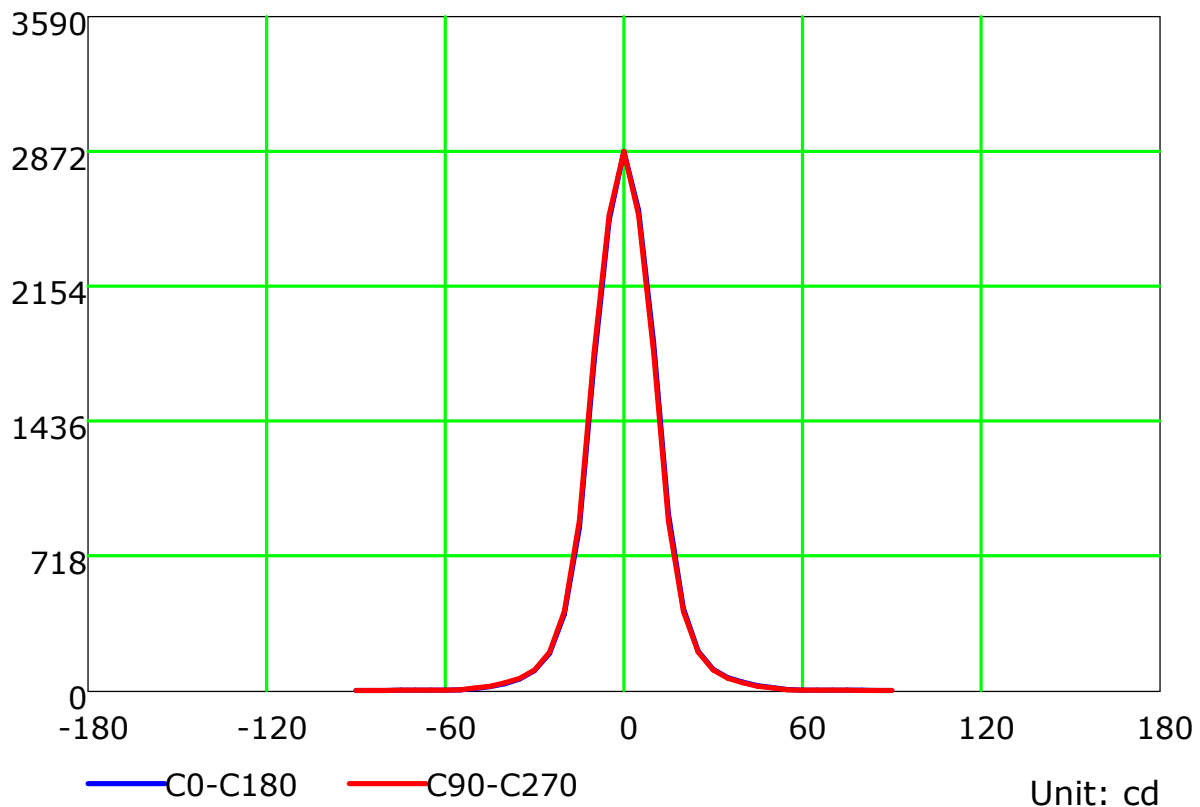
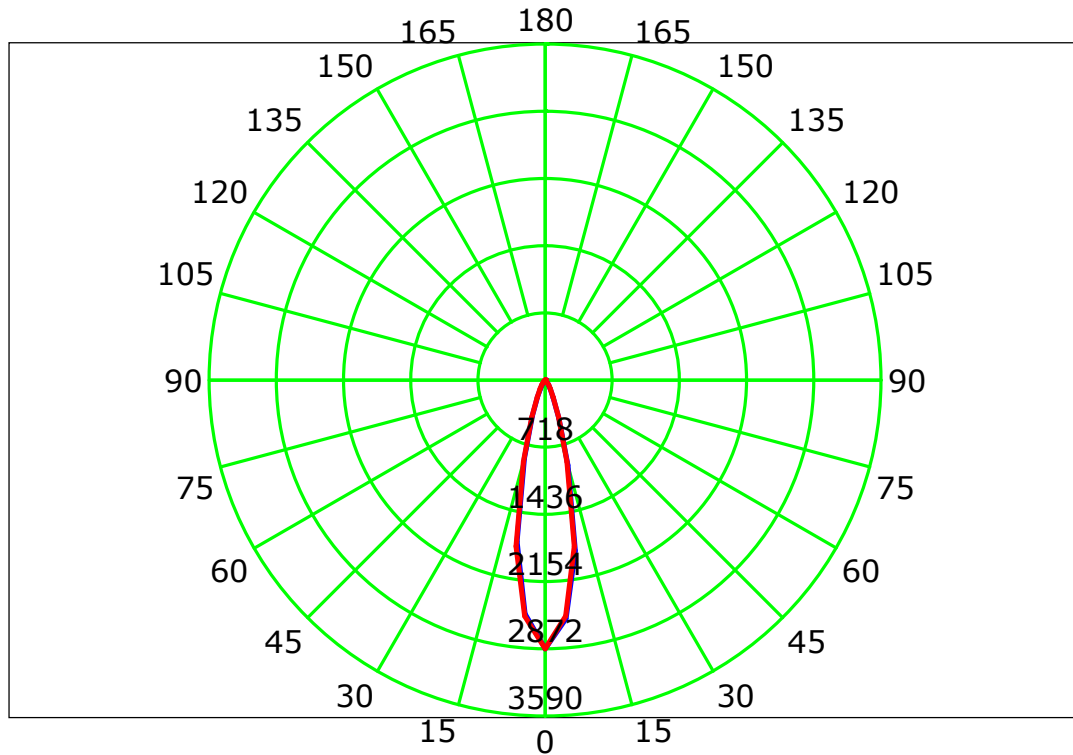
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

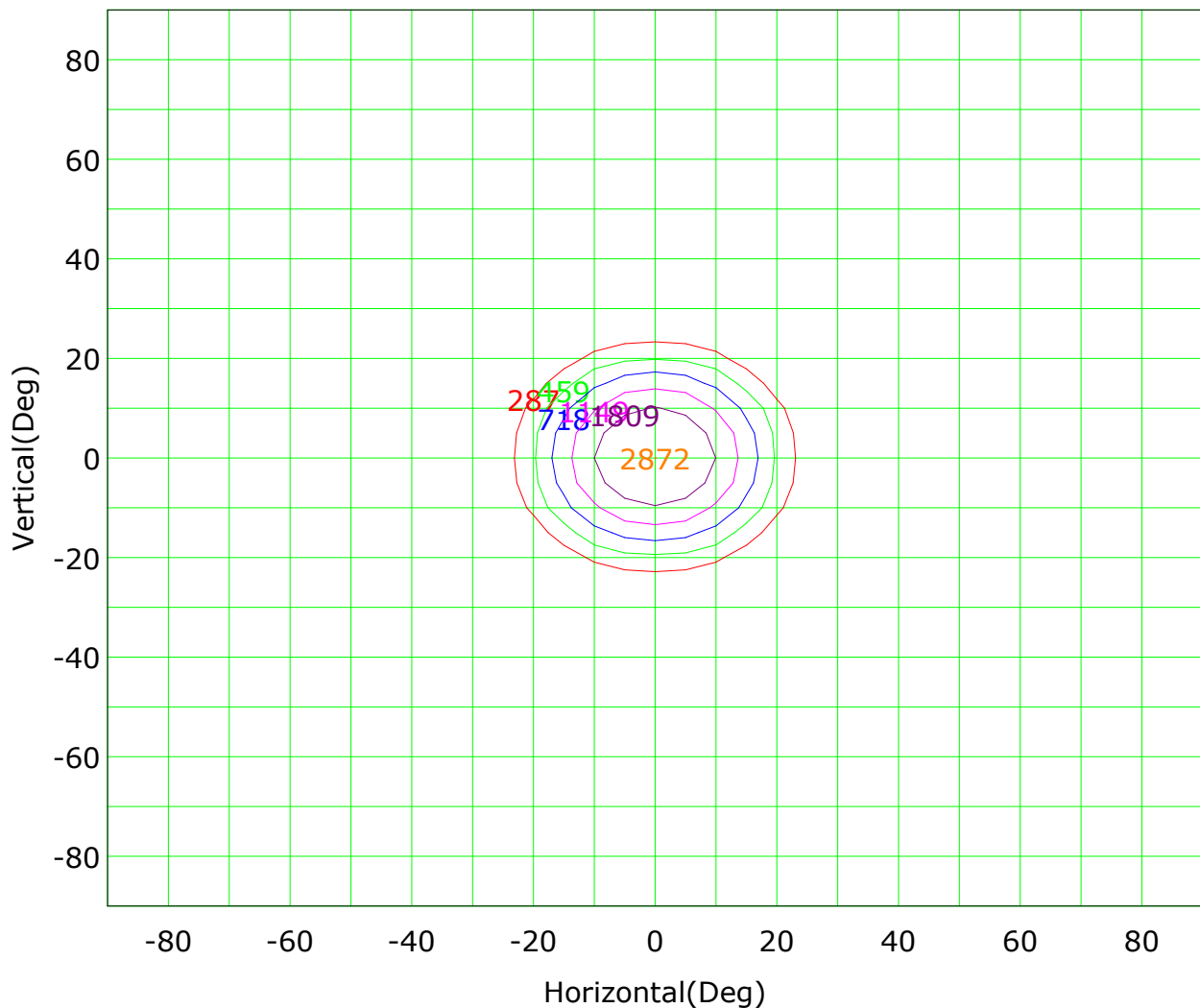
Luminous Intensity Distribution Curve



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%): 2872 cd

(10%): 287 cd	(16%): 459 cd
(25%): 718 cd	(40%): 1149 cd
(63%): 1809 cd	(100%): 2872 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

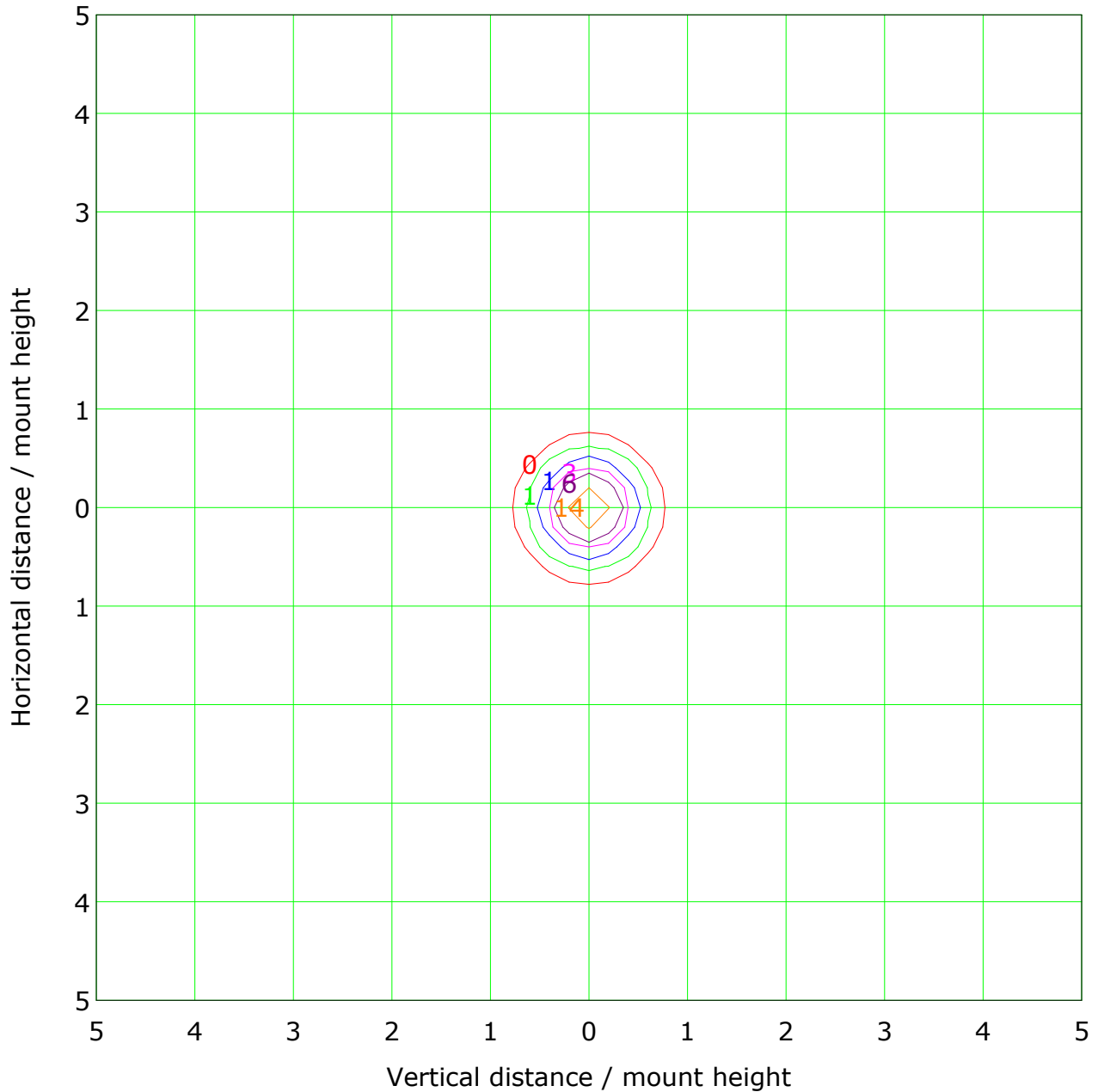
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

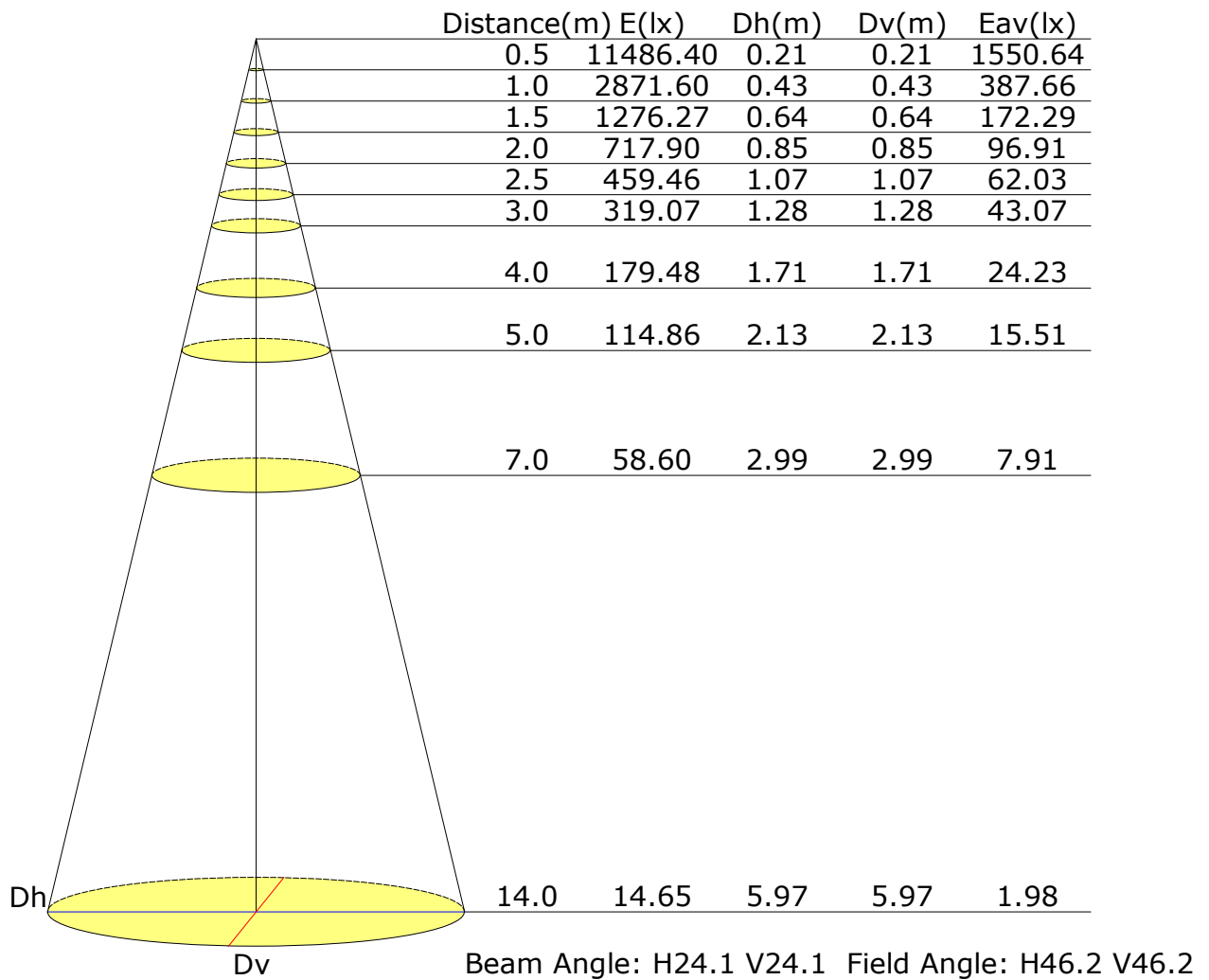


Mounting Height: 10m		Max Lux(100%): 29 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	1 lx	(10%):	3 lx
(20%):	6 lx	(50%):	14 lx
(100%):	29 lx		

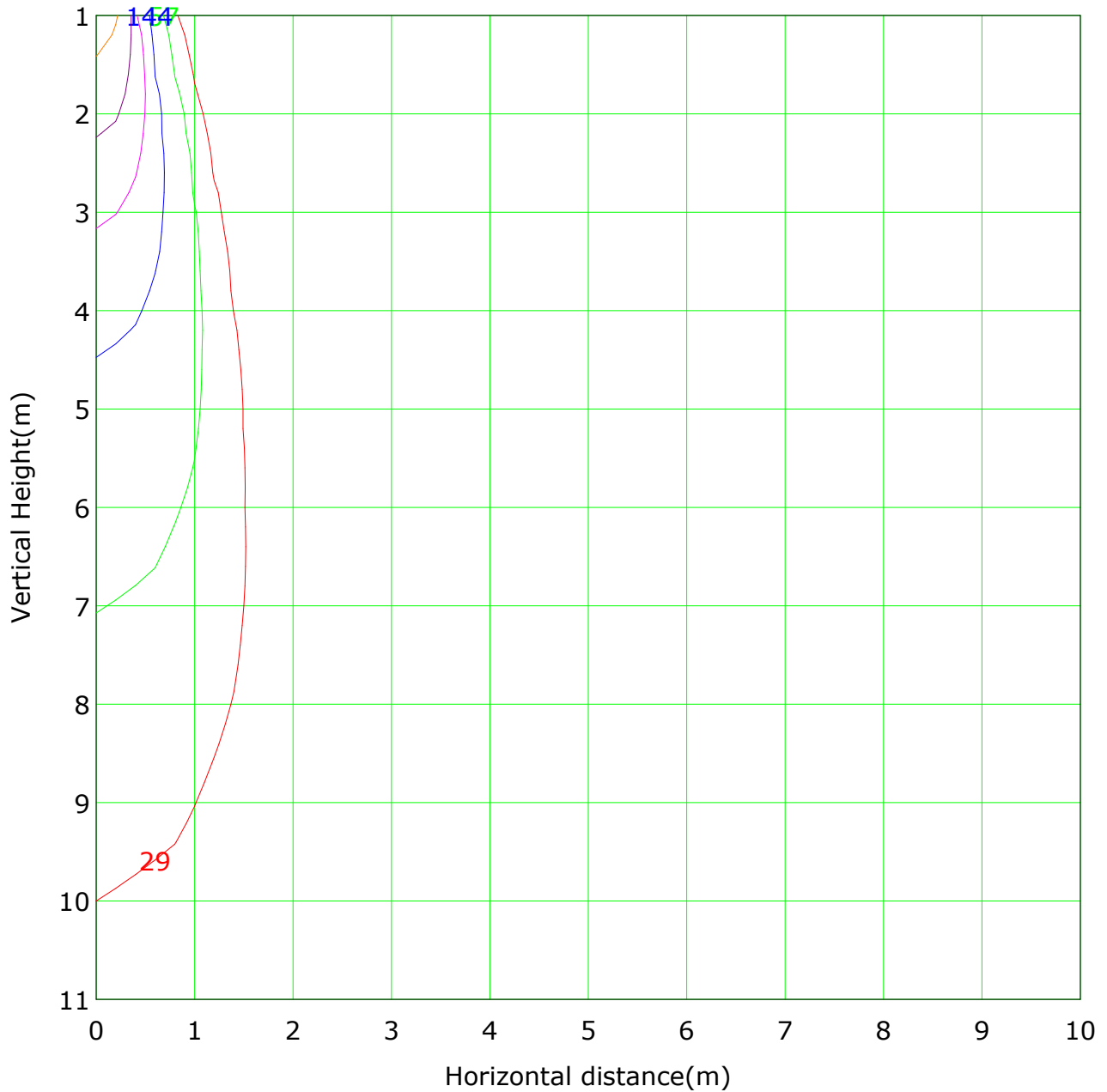
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

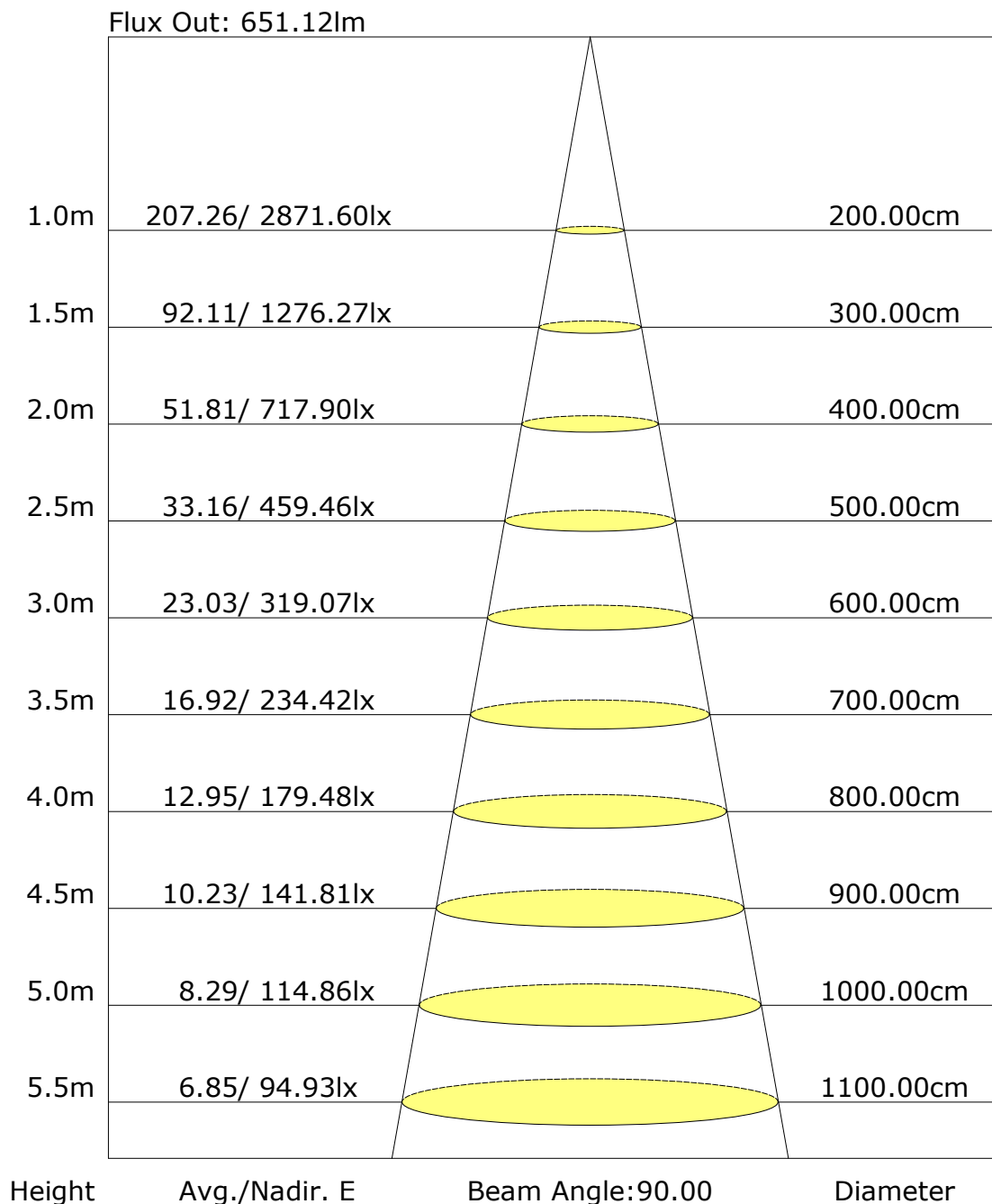


Lowest(m): 1m Highest(m): 11 Max Lux: 2872	
(1%): 29 lx	(2%): 57 lx
(5%): 144 lx	(10%): 287 lx
(20%): 574 lx	(50%): 1436 lx
(100%): 2872 lx	

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: