

Report No.: 94.10013 SQF Surfae Mounted Test Time: 2023-07-06 19:55

Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Luminaire Description: 33D

Current: 0.083 A

Power Factor: 0.553

Voltage: 221.3 V

Power: 10.30 W

Photometric Results

CIE Class: Direct

Measurement Flux: 904.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H33.1

Vertical Diffuse Angle(50%): V33.1

Luminaire Efficacy Rating (LER): 88

Max. Intensity: 2448.4 cd

Total Rated Lamp Lumens: 904.6 lm

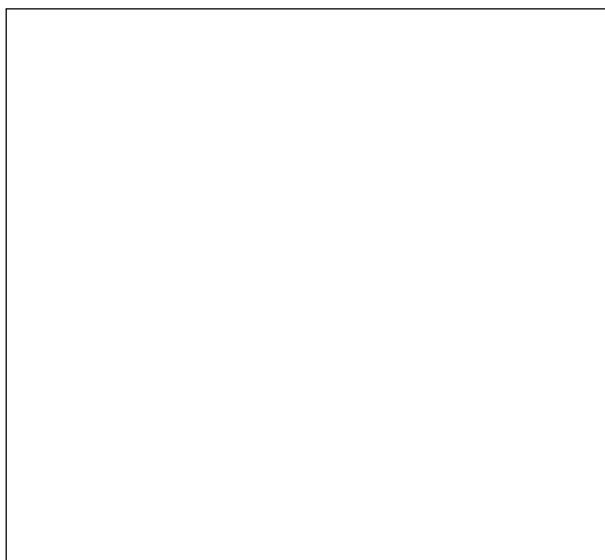
Efficiency: 100%

Upward Ratio: 0%

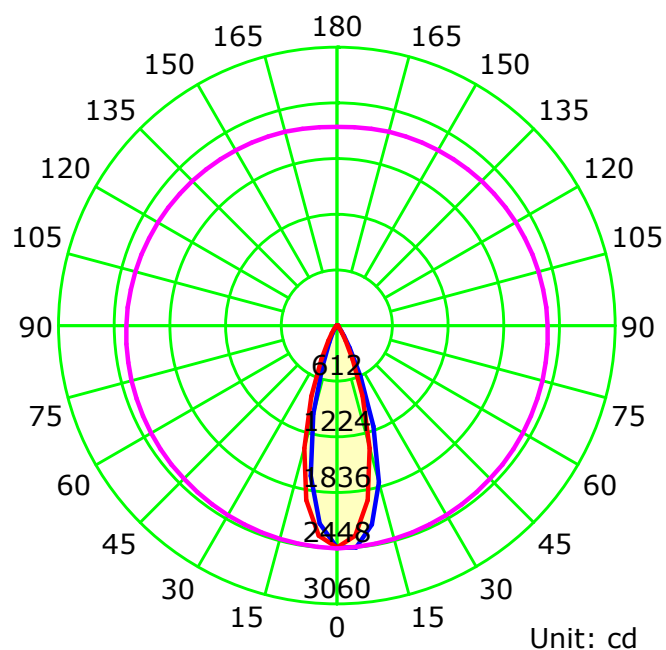
Central Intensity: 2439.12 cd

Pos of Max. Intensity: H0 V5

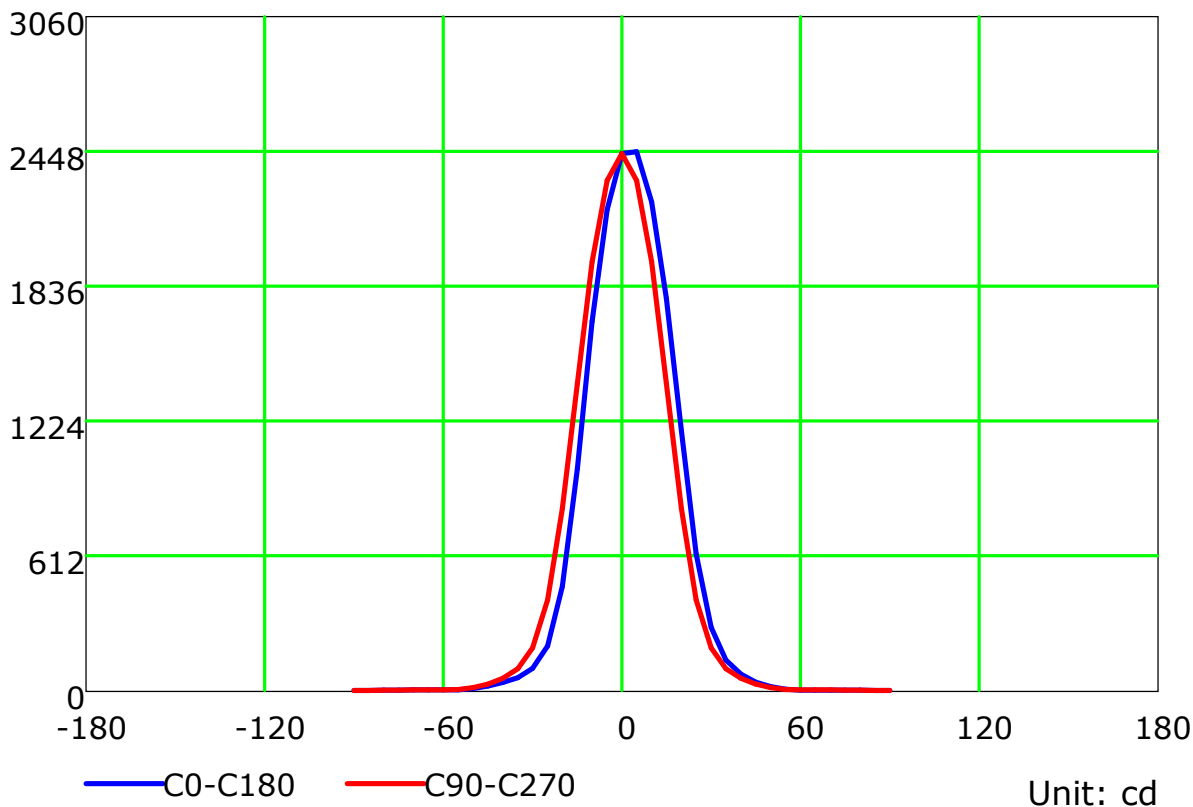
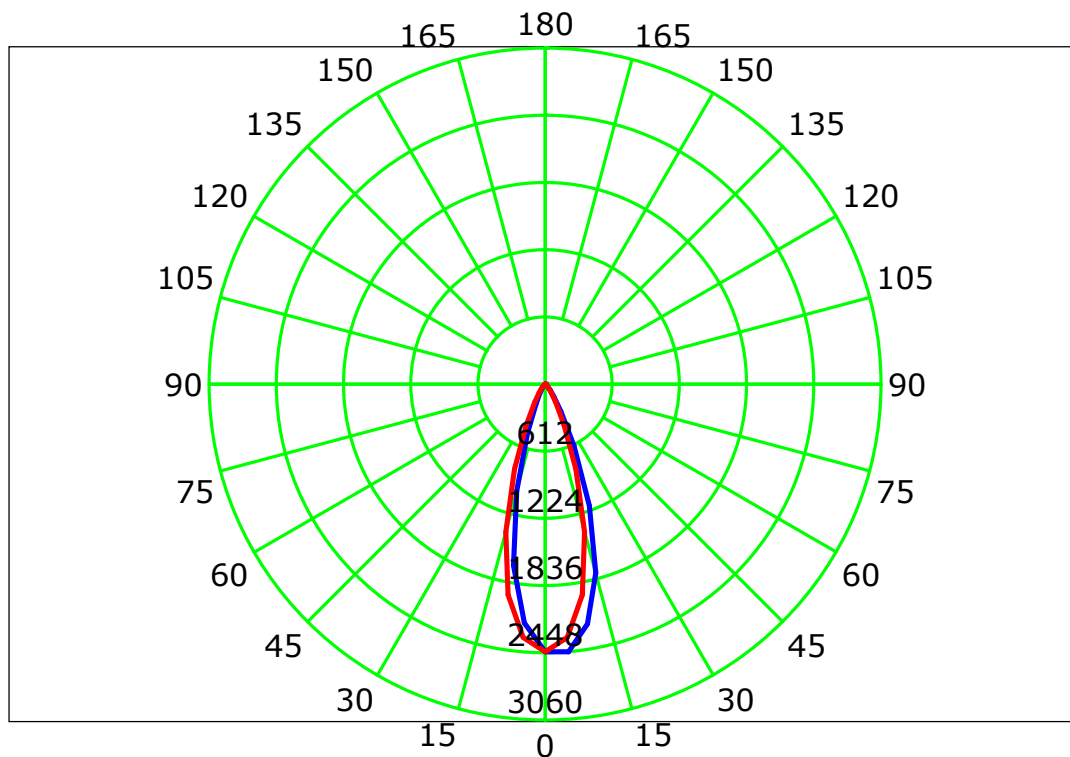
Picture Of Luminaire



Luminous Intensity Distribution Curve



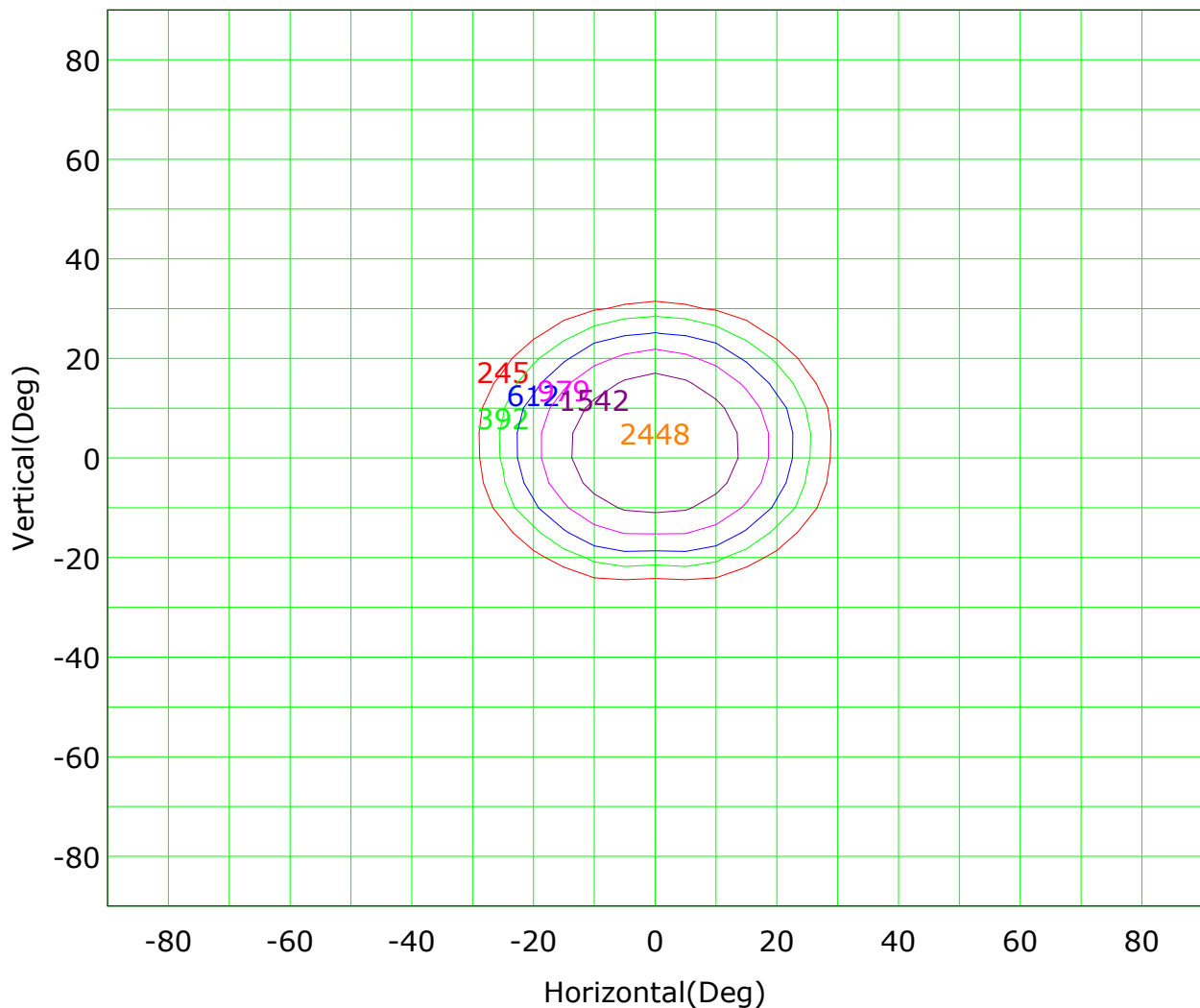
Luminous Intensity Distribution Curve



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%): 2448 cd

(10%): 245 cd	(16%): 392 cd
(25%): 612 cd	(40%): 979 cd
(63%): 1542 cd	(100%): 2448 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

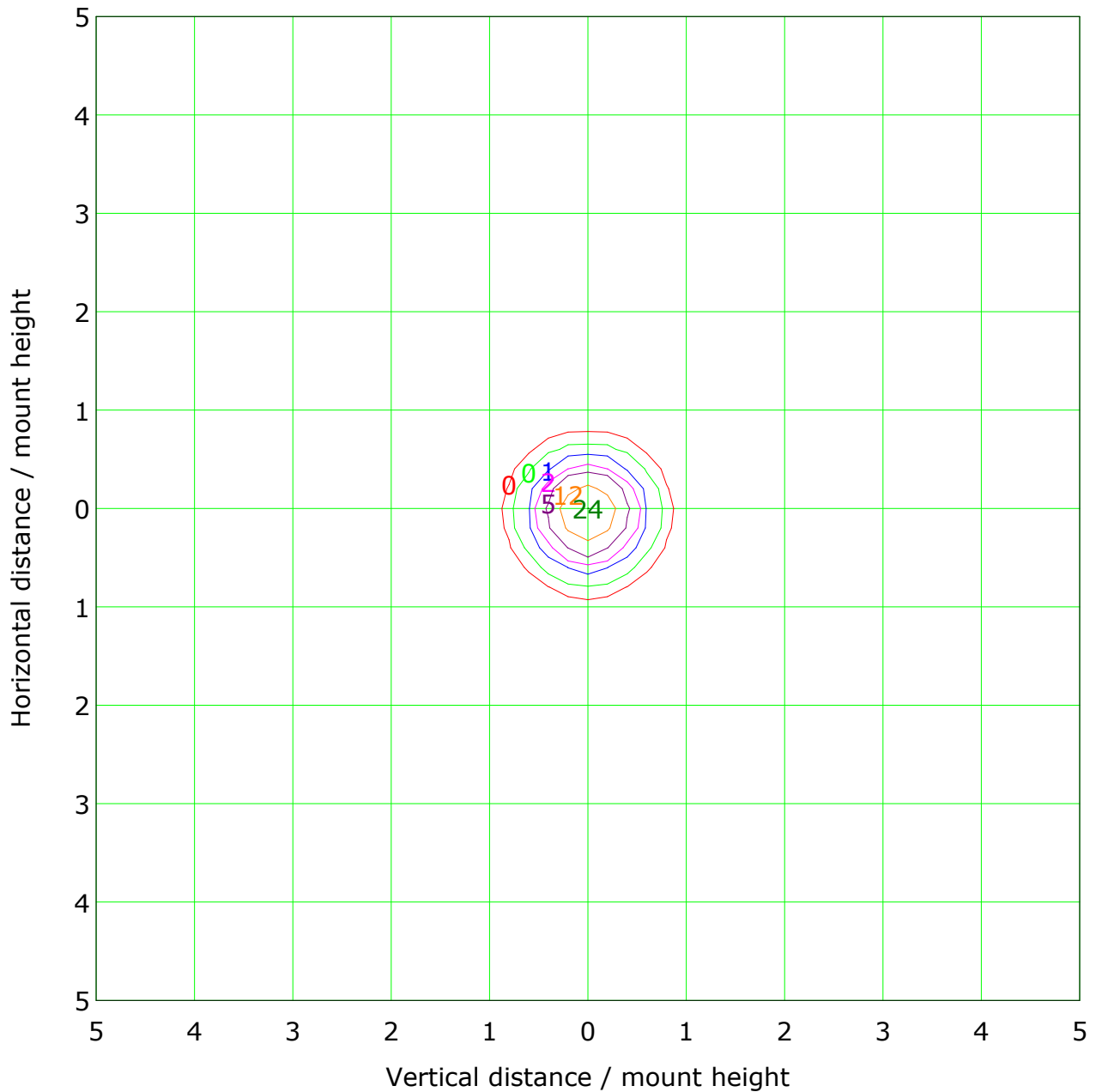
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

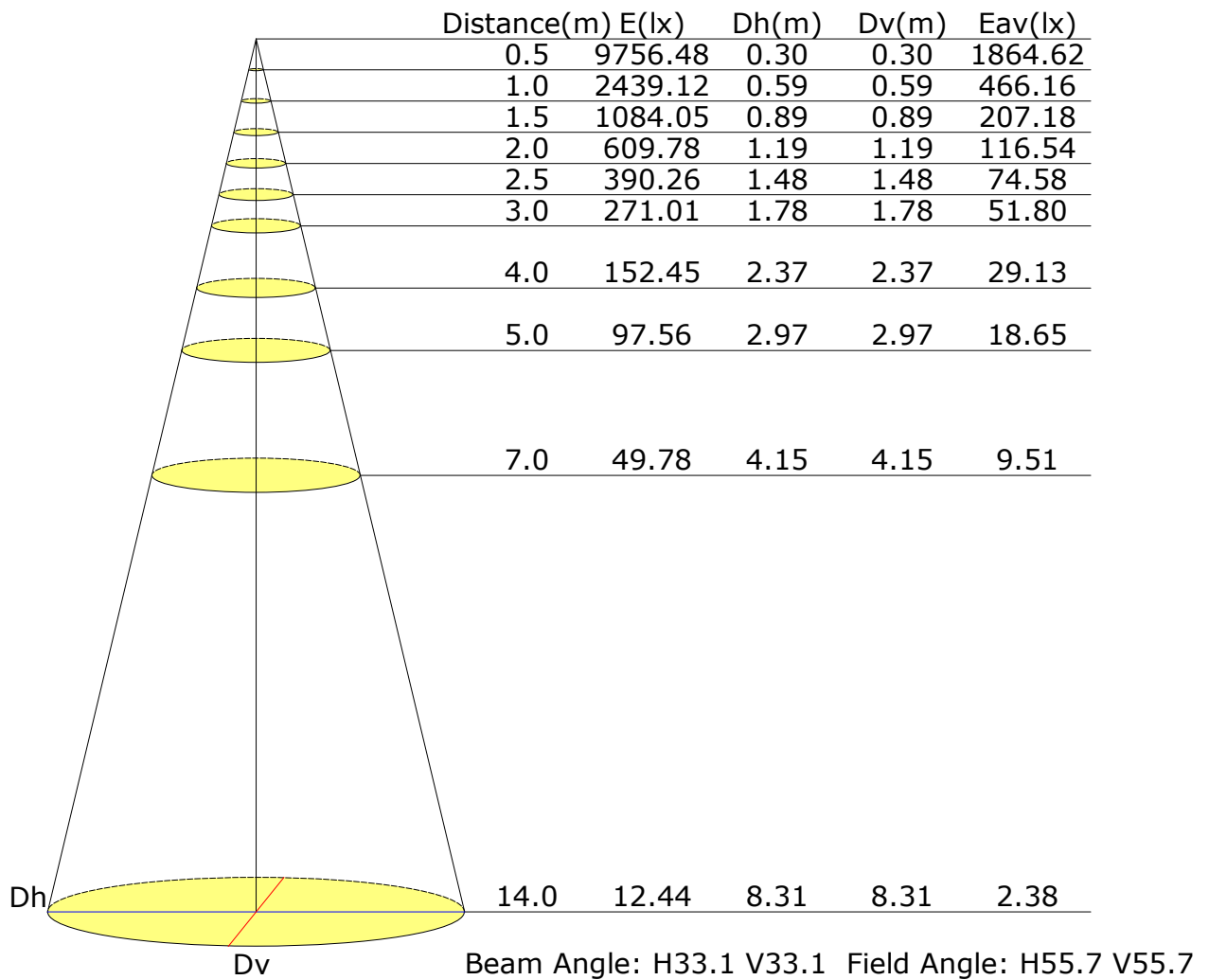


Mounting Height: 10m Max Lux(100%): 24 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	2 lx
— (20%):	5 lx	— (50%):	12 lx
— (100%):	24 lx		

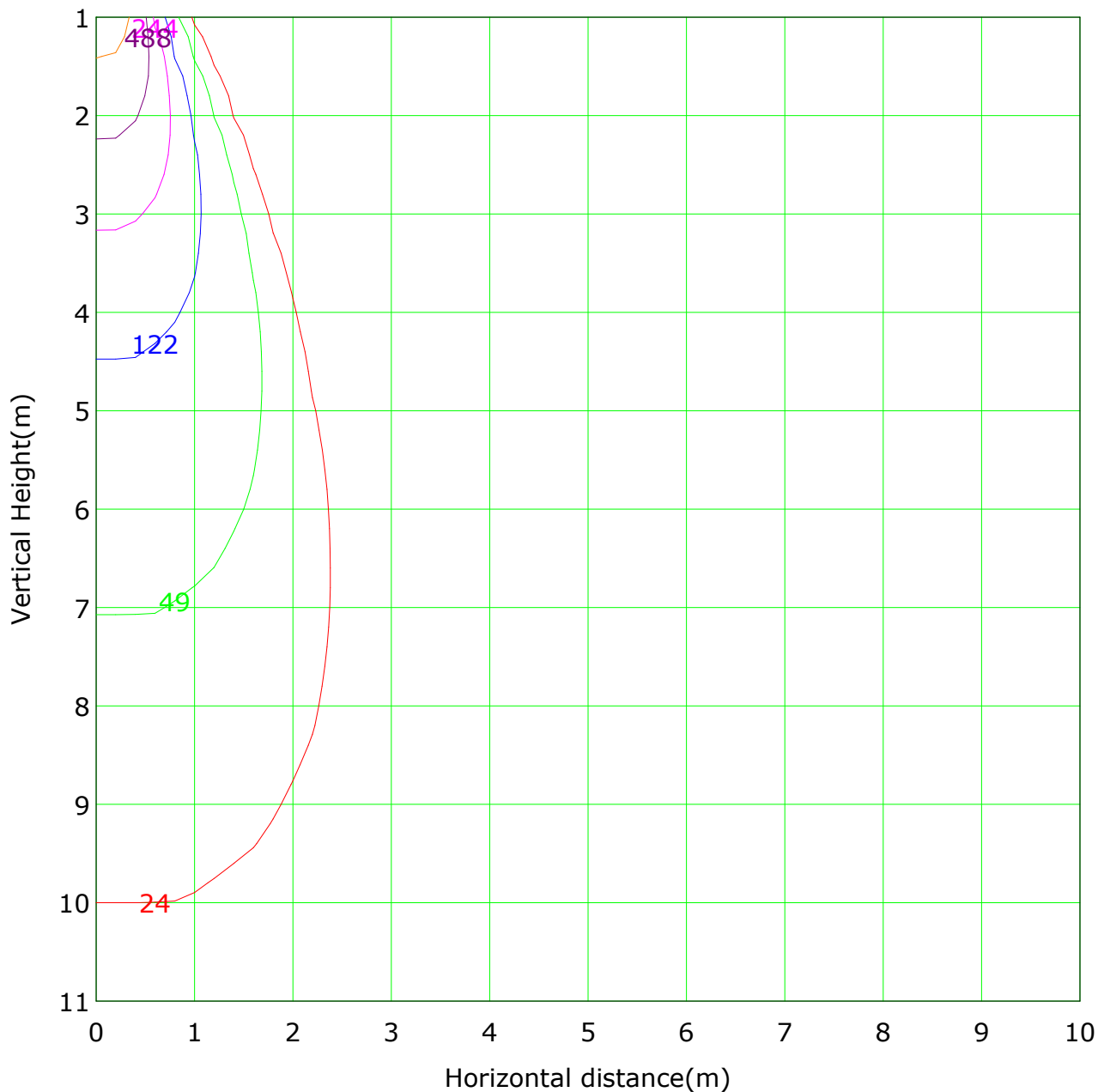
C Plane (°):0.0-180.0: 180.0
Test Lab:
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Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



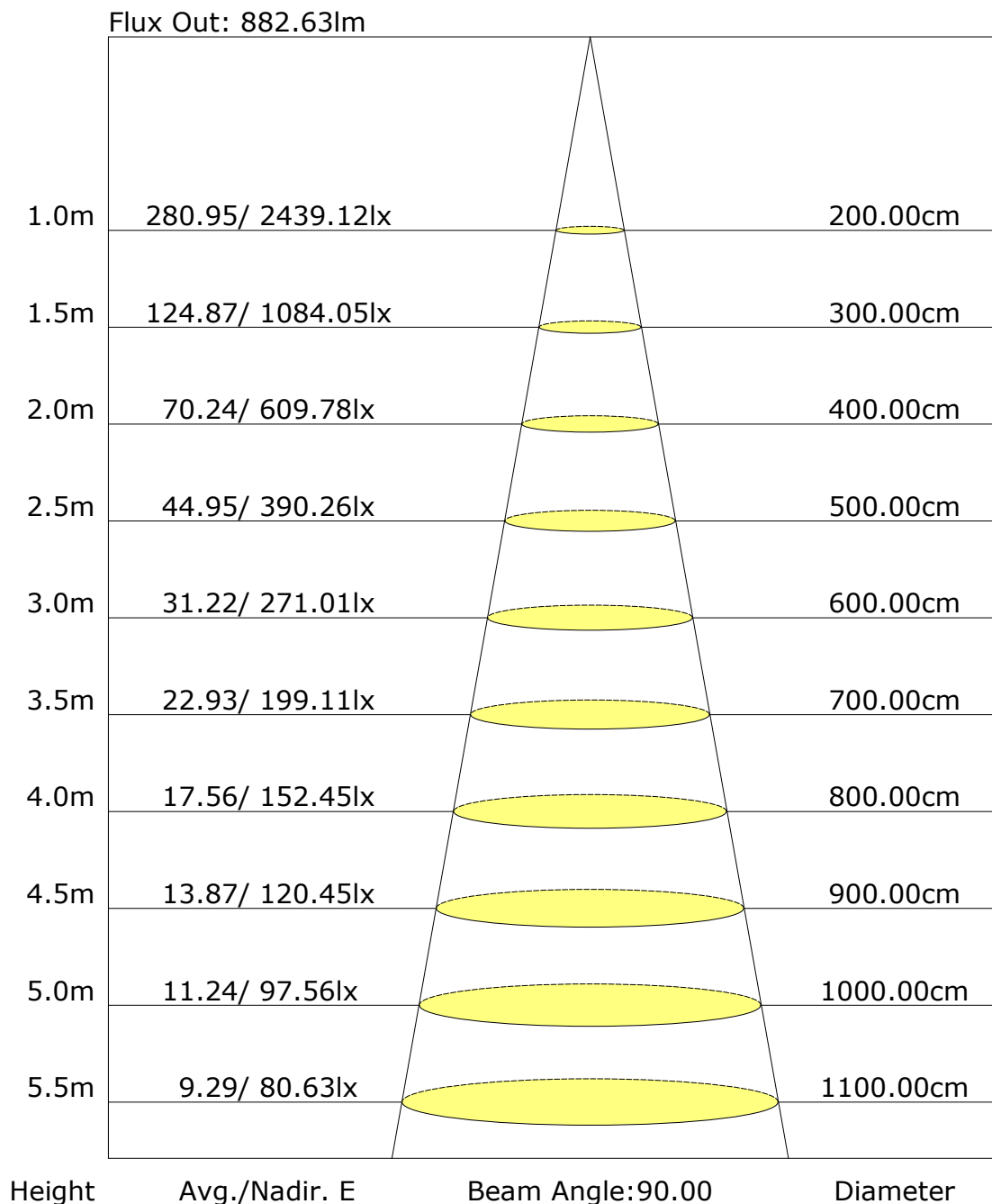
Lowest(m): 1m Highest(m): 11 Max Lux: 2439

(1%): 24 lx	(2%): 49 lx
(5%): 122 lx	(10%): 244 lx
(20%): 488 lx	(50%): 1220 lx
(100%): 2439 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: