

Report No.: 91.09511 Surface Mounted

Test Time: 2023-07-07 09:28

Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Voltage: 209.9 V

Current: 0.118 A

Power: 16.20 W

Power Factor: 0.650

Photometric Results

CIE Class: Direct

Measurement Flux: 1289.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H34.8

Vertical Diffuse Angle(50%): V34.8

Luminaire Efficacy Rating (LER): 80

Max. Intensity: 3486.82 cd

Total Rated Lamp Lumens: 1289.1 lm

Efficiency: 100%

Upward Ratio: 0%

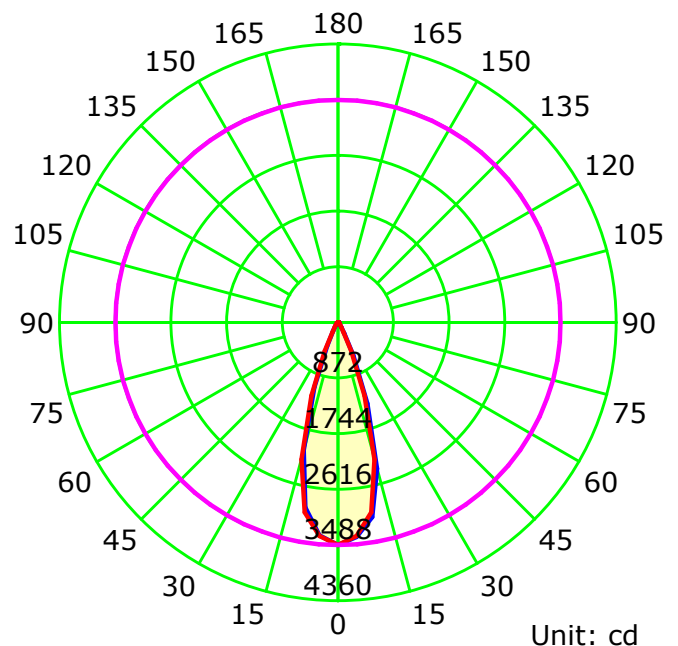
Central Intensity: 3486.81 cd

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

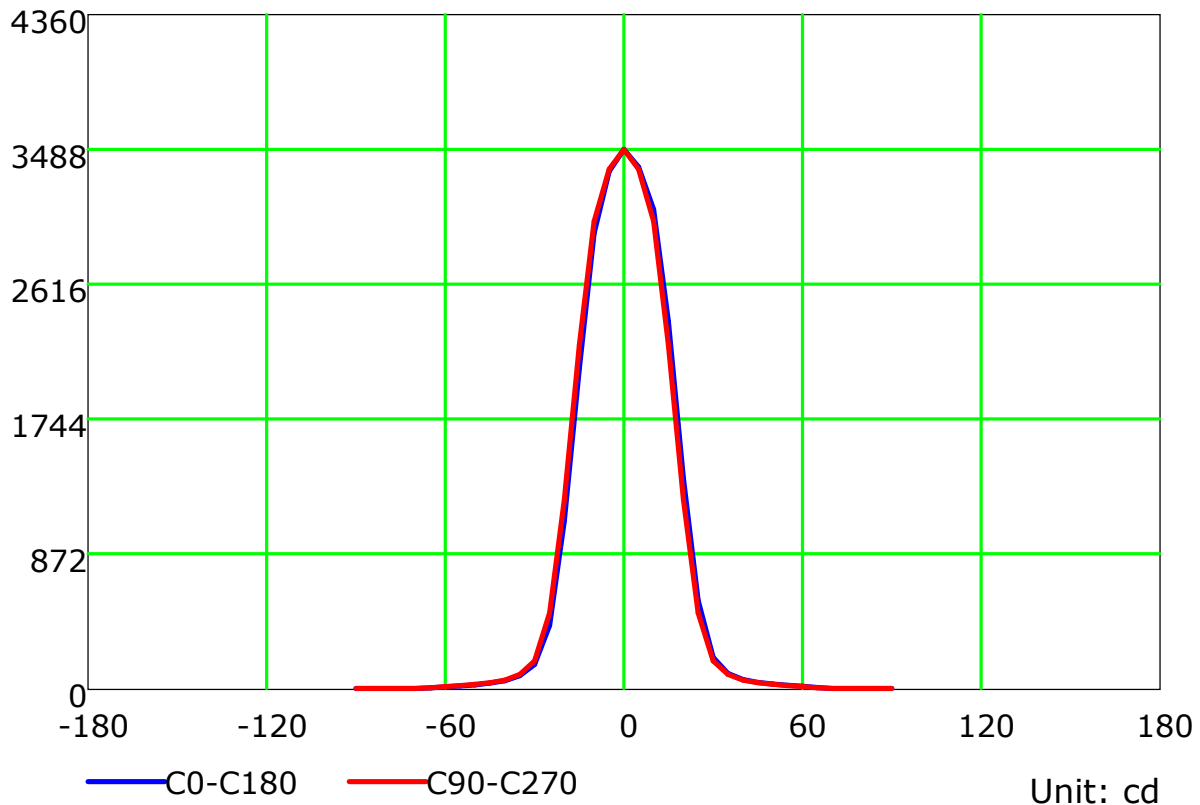
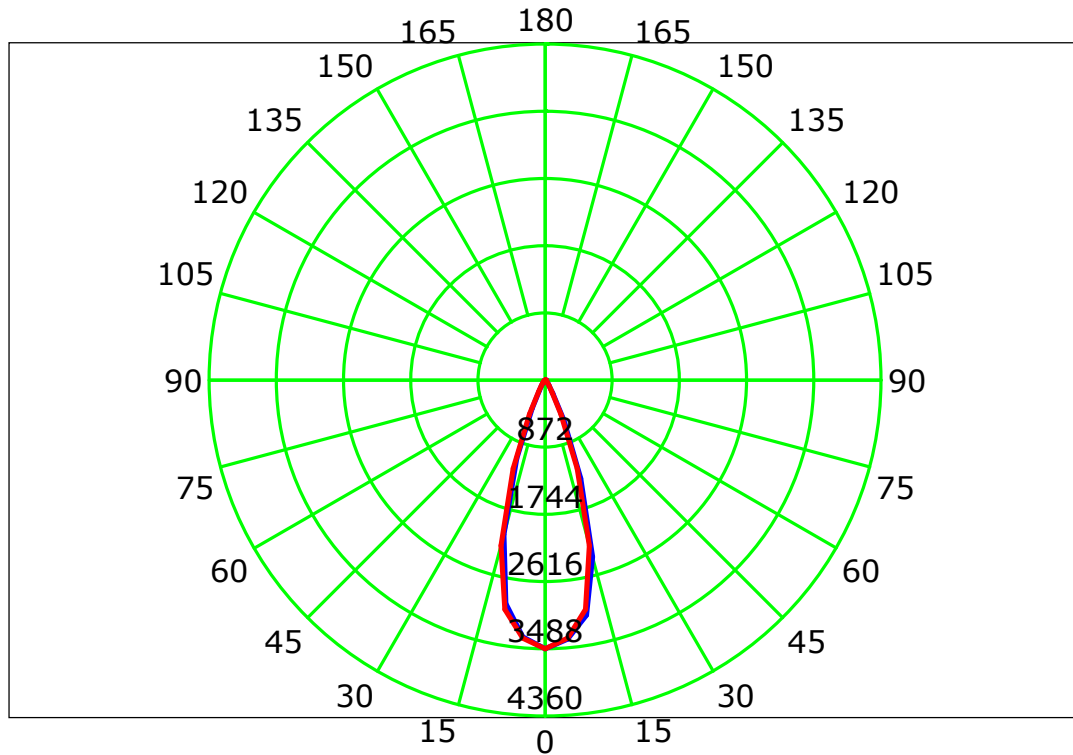
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

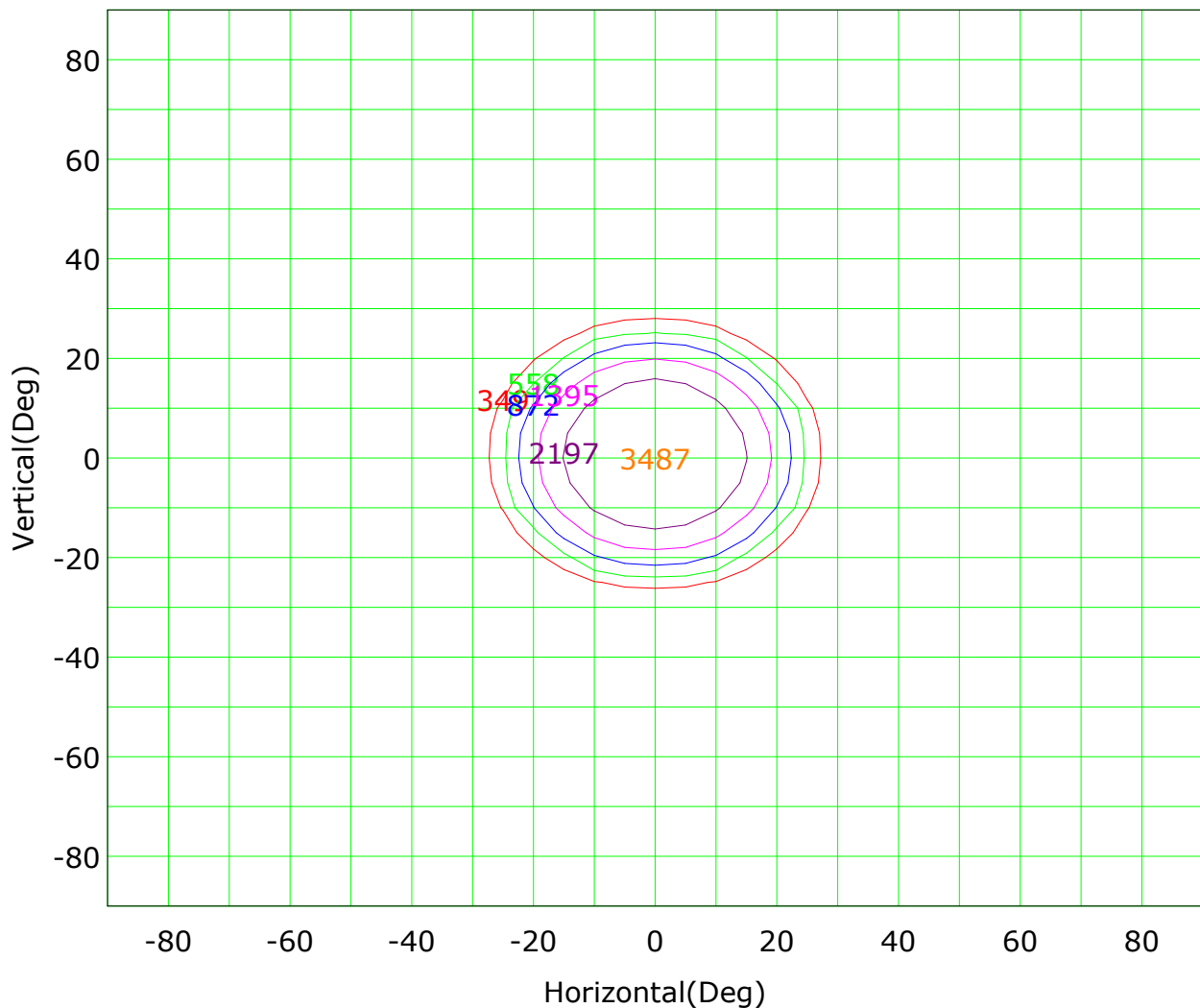
Luminous Intensity Distribution Curve



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%): 3487 cd

(10%): 349 cd	(16%): 558 cd
(25%): 872 cd	(40%): 1395 cd
(63%): 2197 cd	(100%): 3487 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

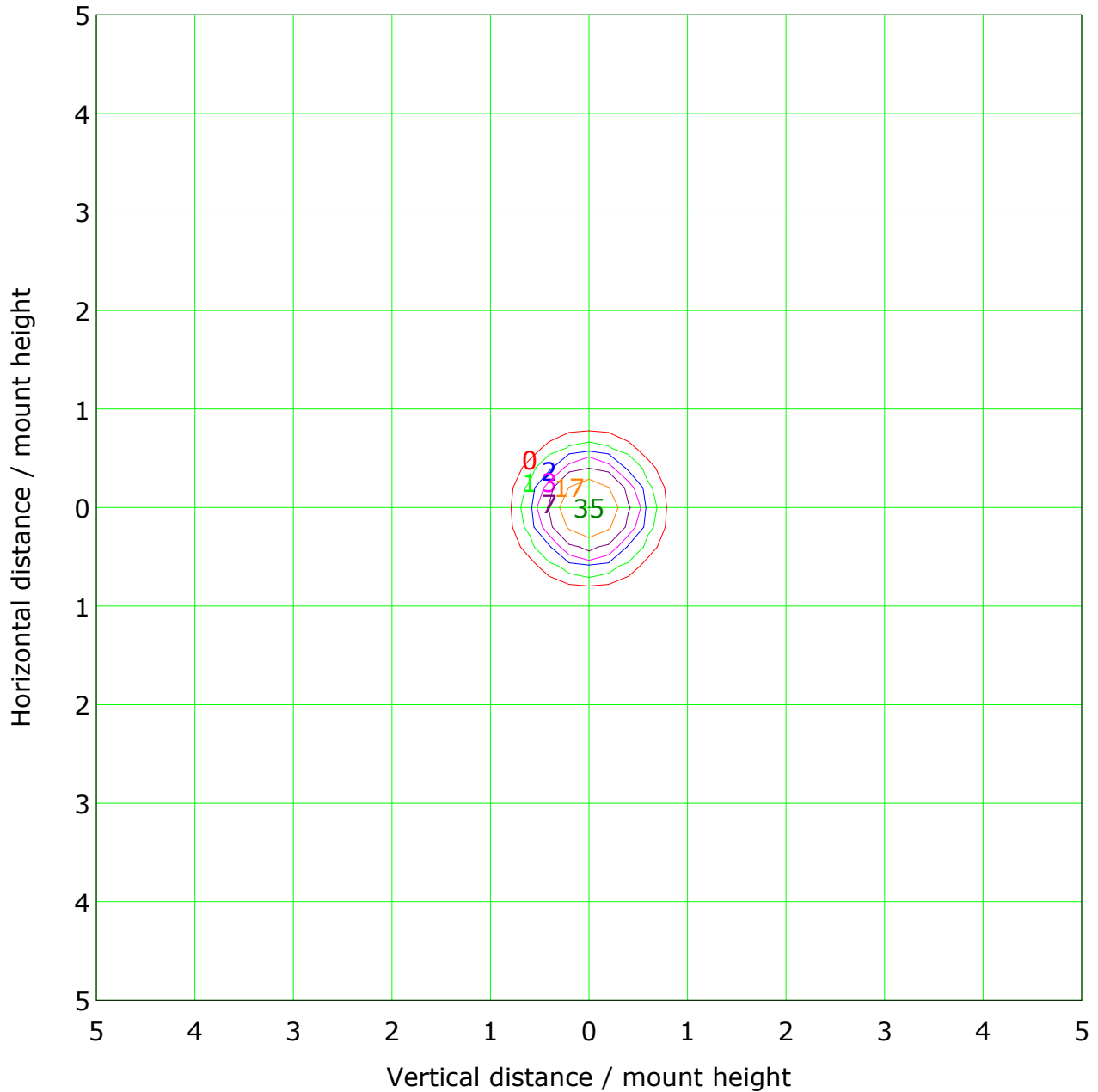
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

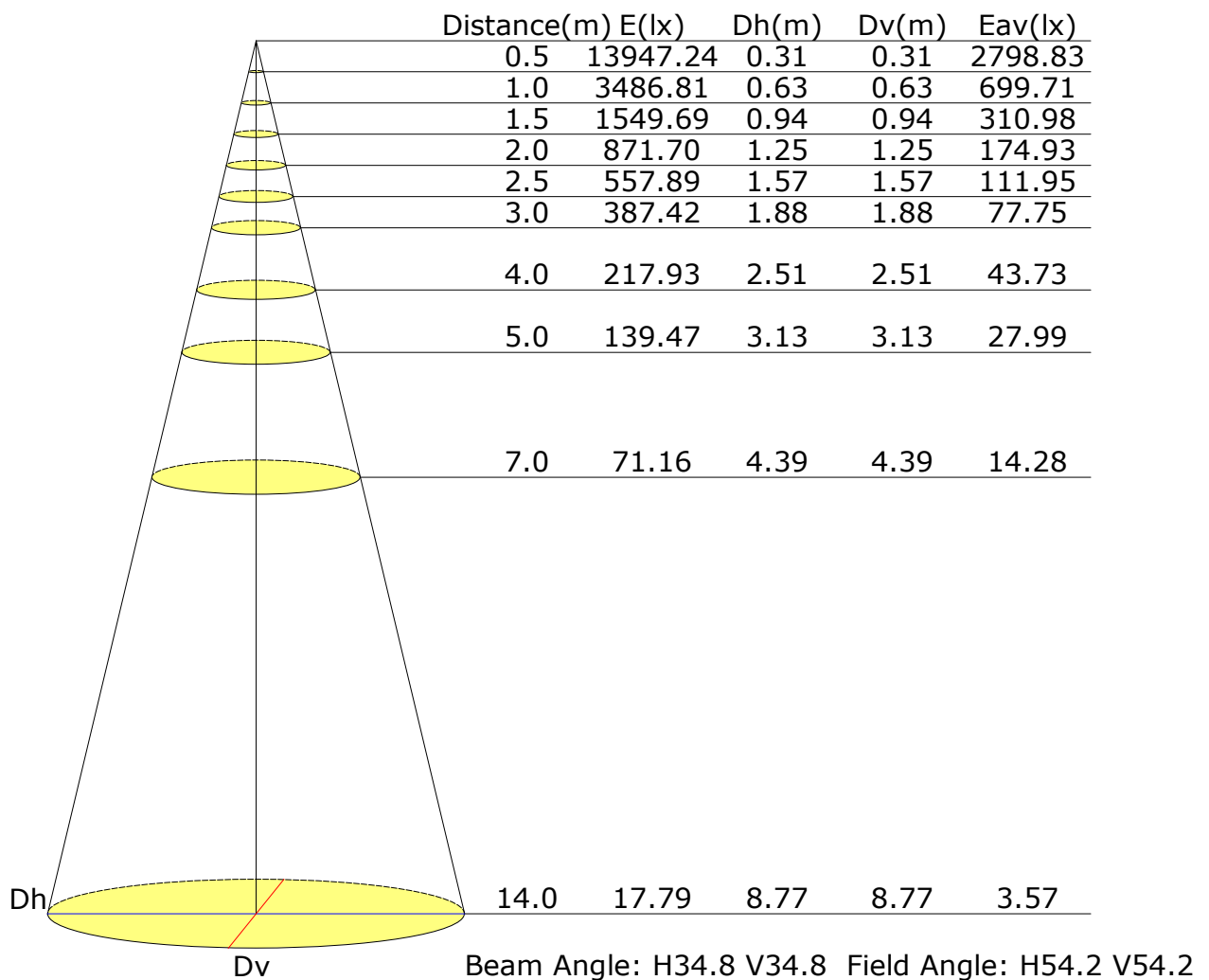


Mounting Height: 10m Max Lux(100%): 35 lx			
— (1%):	0 lx	— (2%):	1 lx
— (5%):	2 lx	— (10%):	3 lx
— (20%):	7 lx	— (50%):	17 lx
— (100%):	35 lx		

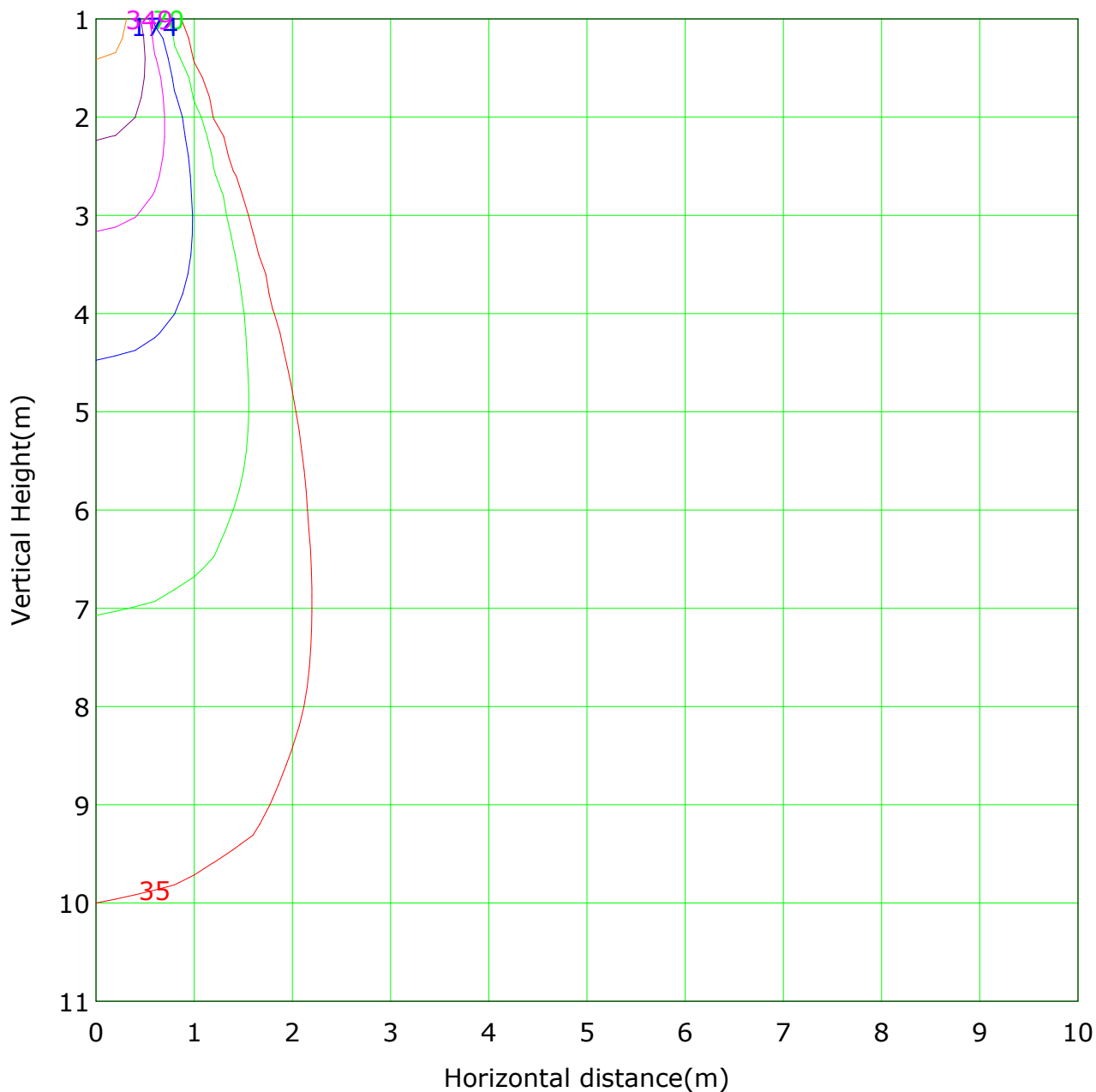
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

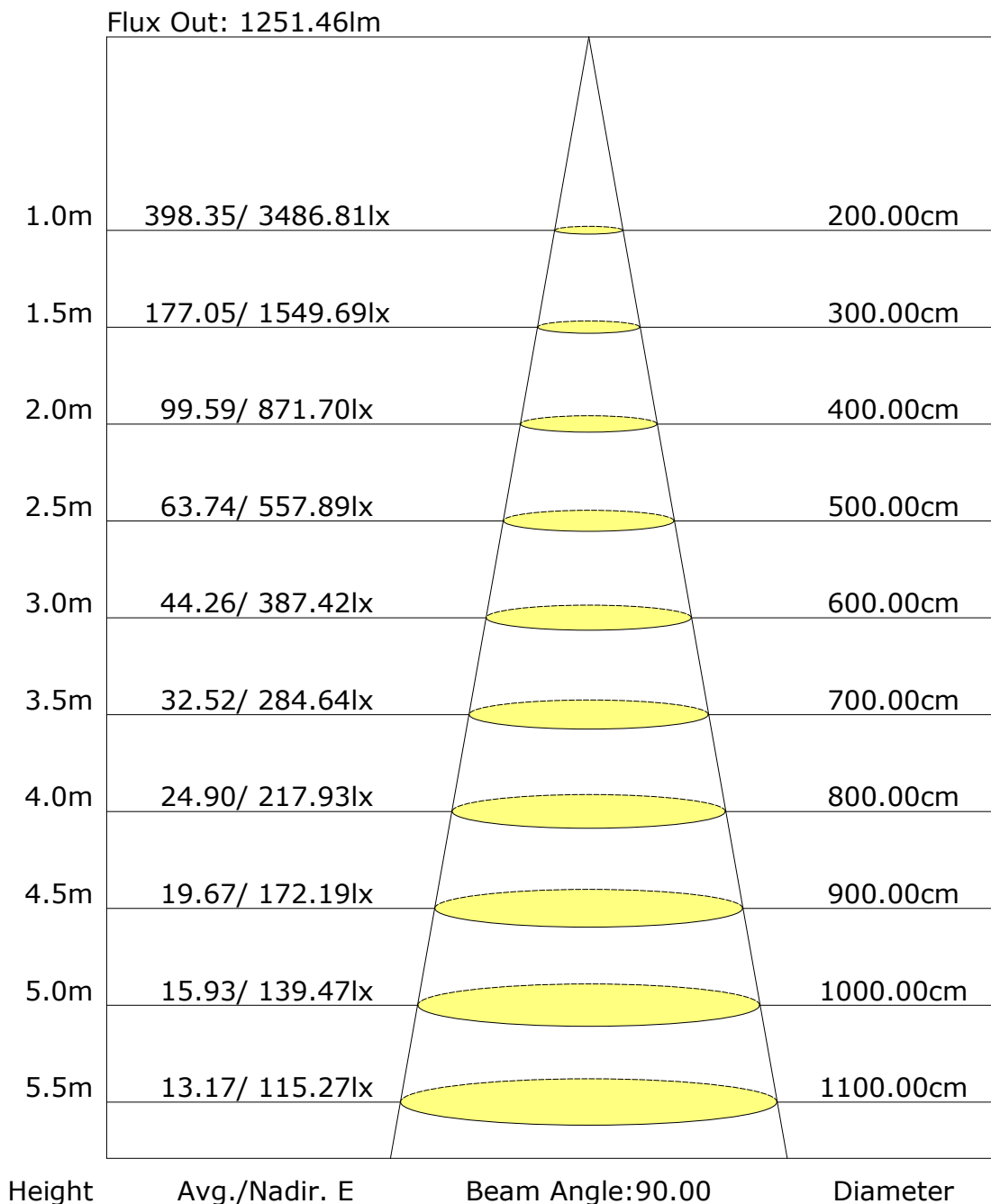


Lowest(m): 1m Highest(m): 11 Max Lux: 3487	
(1%): 35 lx	(2%): 70 lx
(5%): 174 lx	(10%): 349 lx
(20%): 697 lx	(50%): 1743 lx
(100%): 3487 lx	

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: