

Report No.: 81.30011 DELTA Pendant Light Test Time: 2023-10-06 15:40

Luminaire Property

Luminaire Category: Bridgelux V13C F90 3000K CRI90

Voltage: 222.6 V

Current: 0.110 A

Power: 23.60 W

Power Factor: 0.963

Photometric Results

CIE Class: Direct

Measurement Flux: 2808.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H24.8

Vertical Diffuse Angle(50%): V24.8

Luminaire Efficacy Rating (LER): 119

Max. Intensity: 12550.31 cd

Total Rated Lamp Lumens: 2808.7 lm

Efficiency: 100%

Upward Ratio: 0%

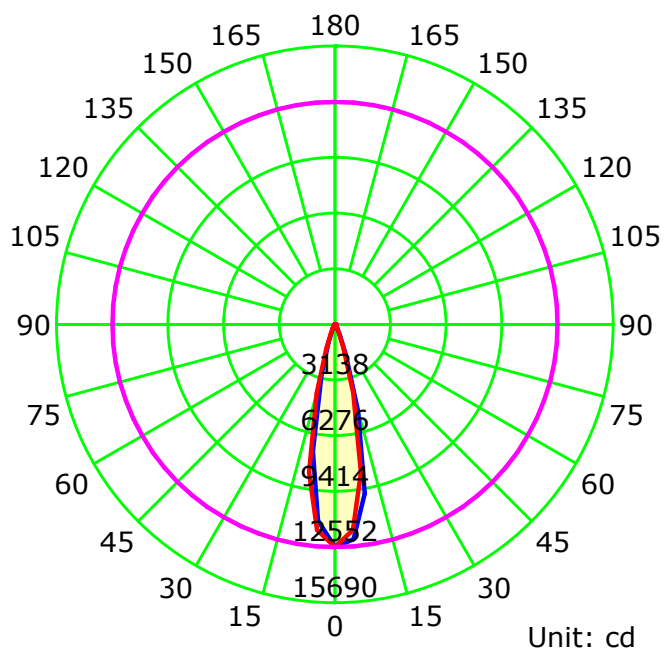
Central Intensity: 12550.31 cd

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

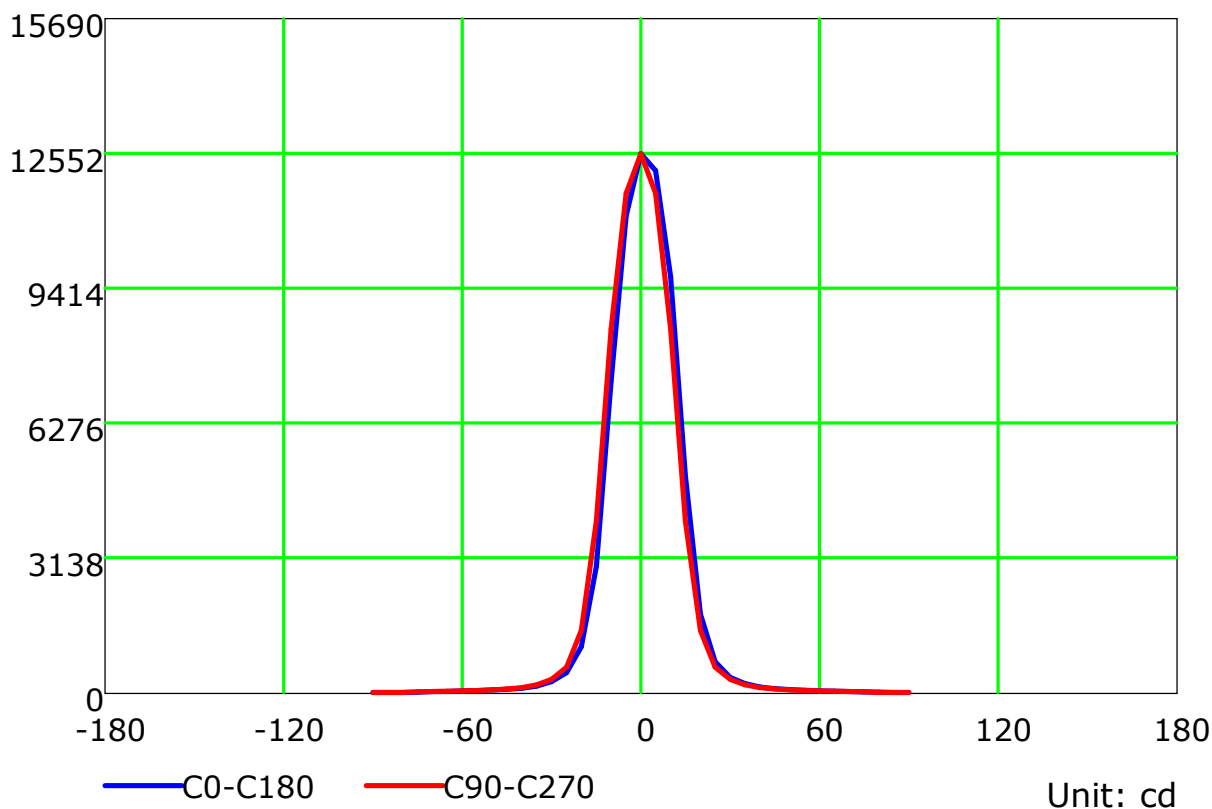
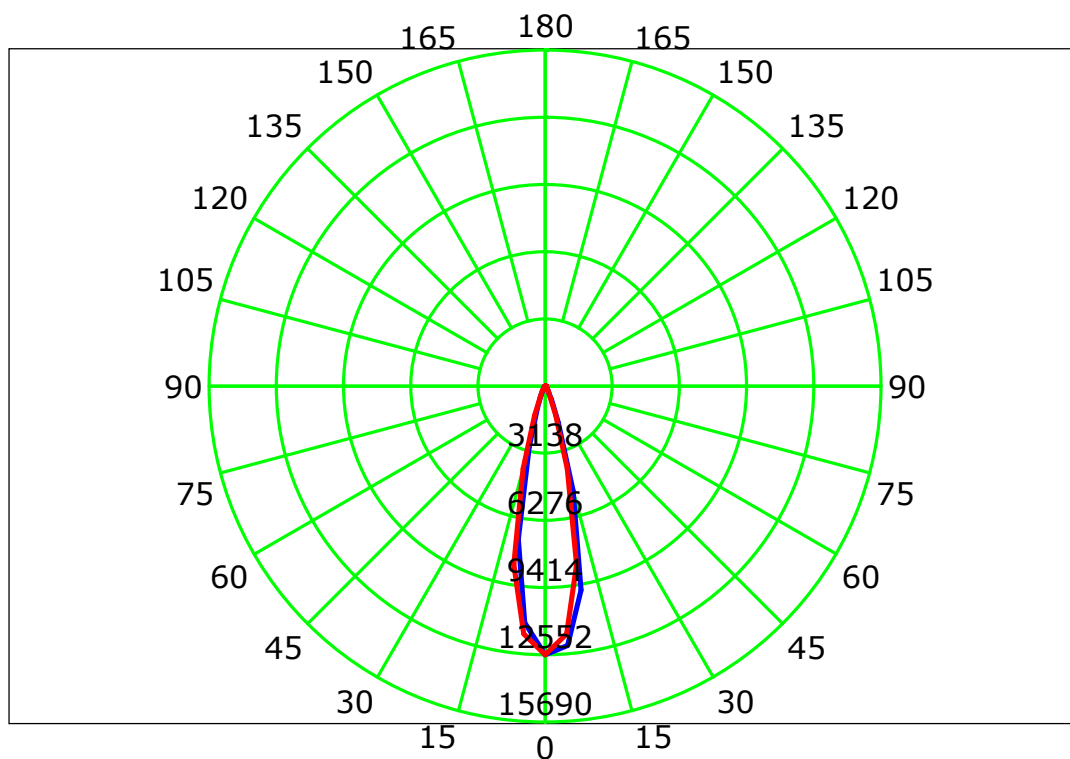
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

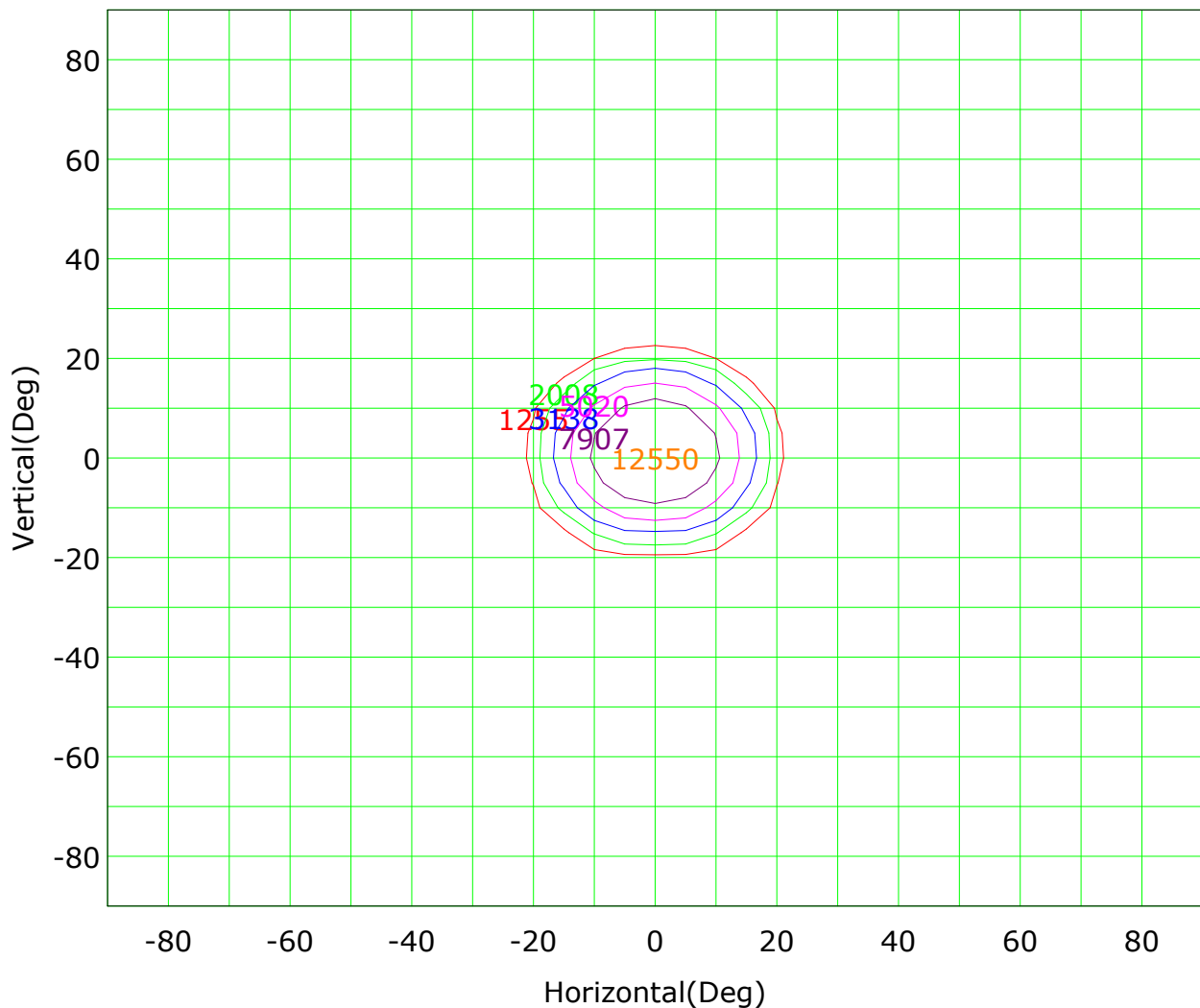
Luminous Intensity Distribution Curve



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%): 12550 cd

(10%): 1255 cd	(16%): 2008 cd
(25%): 3138 cd	(40%): 5020 cd
(63%): 7907 cd	(100%): 12550 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

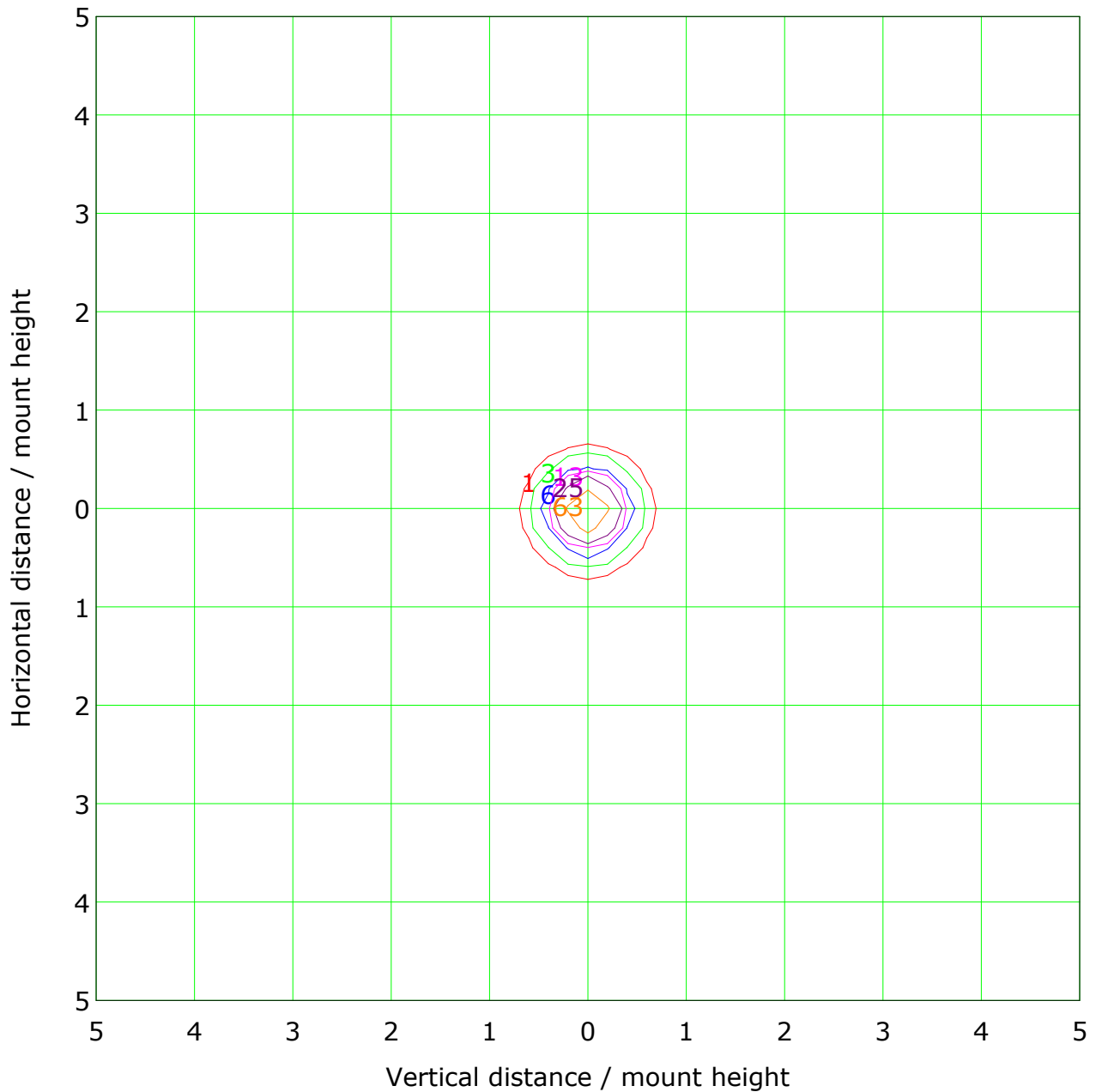
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

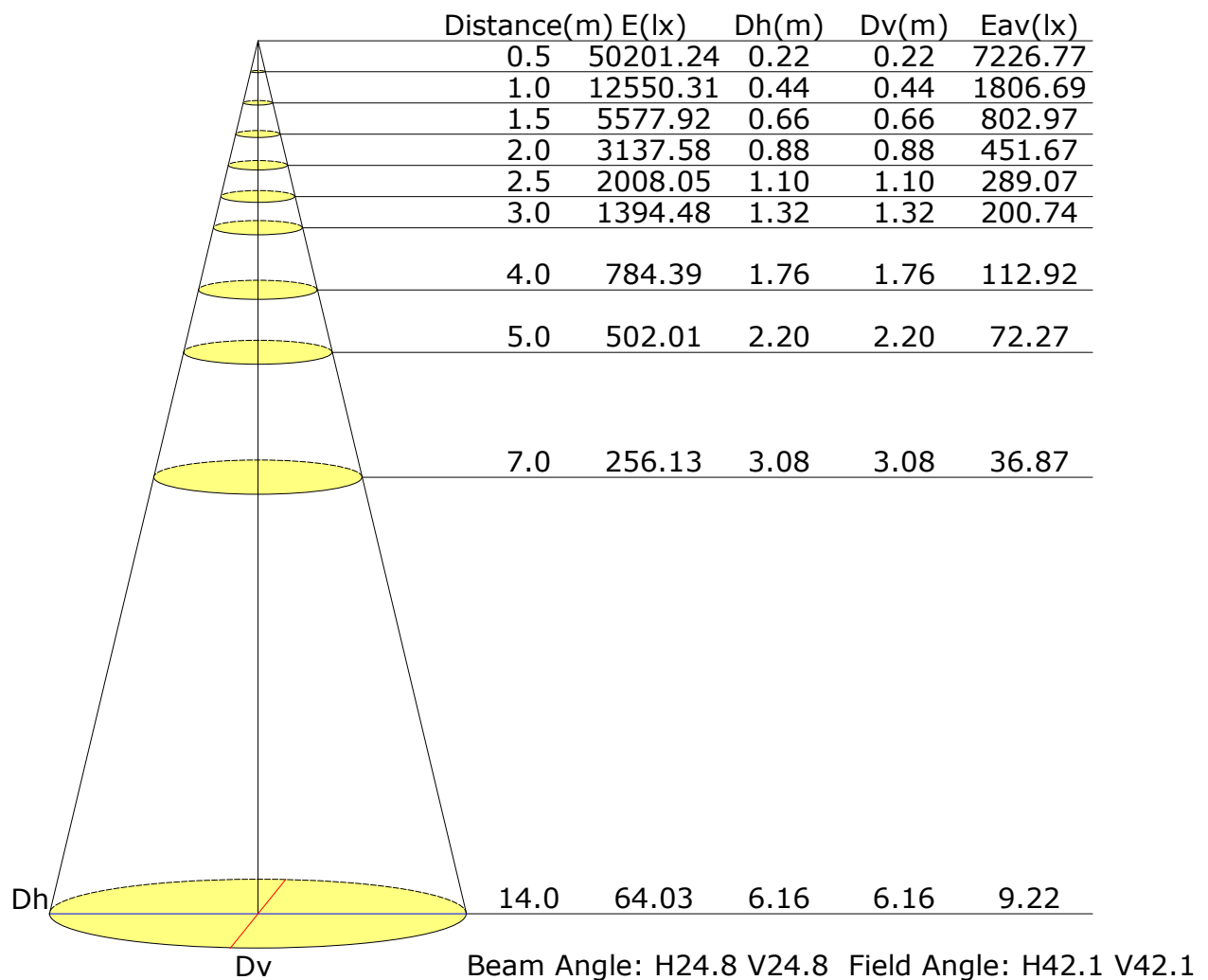


Mounting Height: 10m		Max Lux(100%): 126 lx	
(1%):	1 lx	(2%):	3 lx
(5%):	6 lx	(10%):	13 lx
(20%):	25 lx	(50%):	63 lx
(100%):	126 lx		

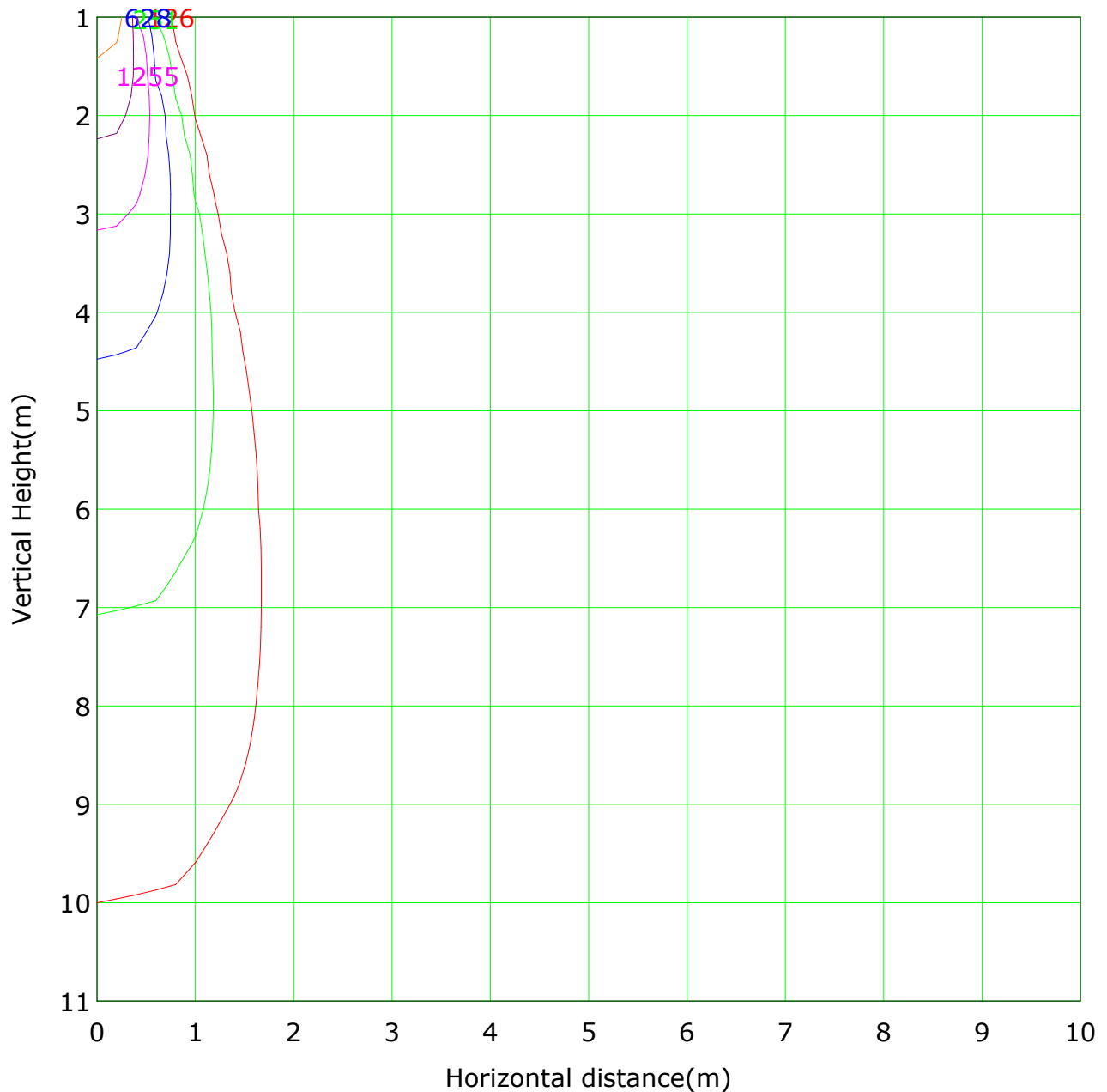
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

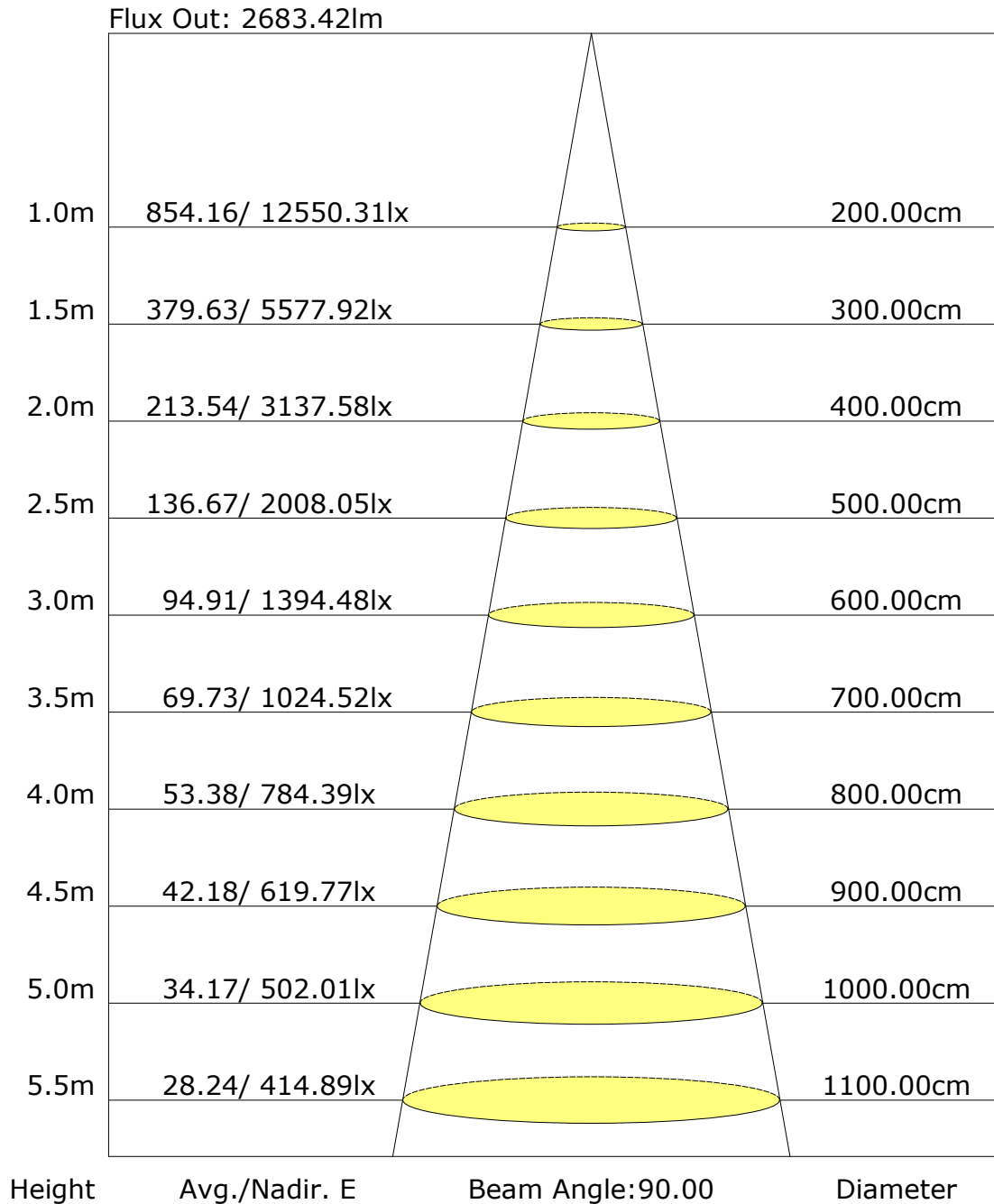


Lowest(m): 1m Highest(m): 11 Max Lux: 12550
— (1%): 126 lx — (2%): 251 lx
— (5%): 628 lx — (10%): 1255 lx
— (20%): 2510 lx — (50%): 6275 lx
— (100%): 12550 lx

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:

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Unit: cd

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector: