

Report No.: 93.08012 SRA Surface Mounted Test Time: 2023-10-12 19:00

Luminaire Property

Luminaire Category: Bridgelux V6 3000K CRI90

Voltage: 226.3 V

Current: 0.067 A

Power: 8.50 W

Power Factor: 0.556

Photometric Results

CIE Class: Direct

Measurement Flux: 653.2 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H35.1

Vertical Diffuse Angle(50%): V35.1

Luminaire Efficacy Rating (LER): 77

Max. Intensity: 1758.97 cd

Total Rated Lamp Lumens: 653.2 lm

Efficiency: 100%

Upward Ratio: 0%

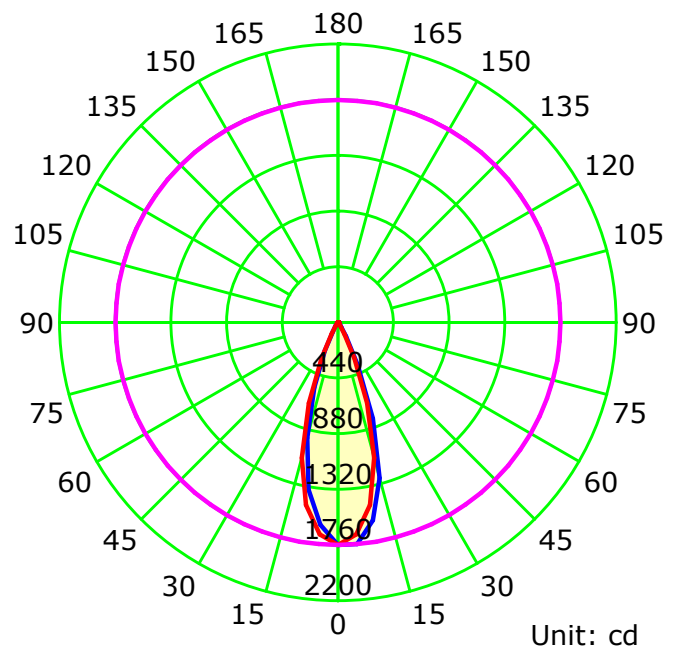
Central Intensity: 1758.97 cd

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

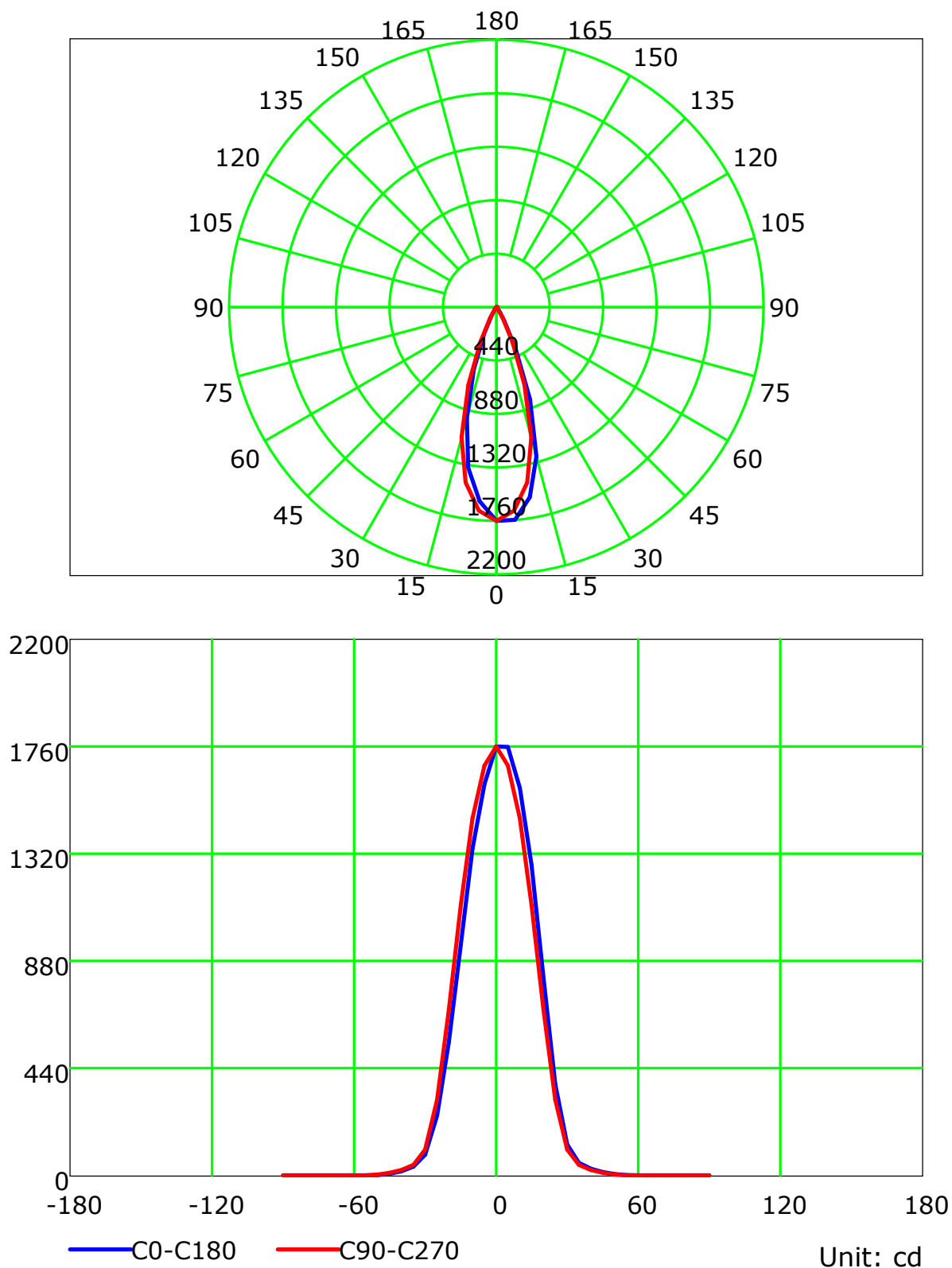
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

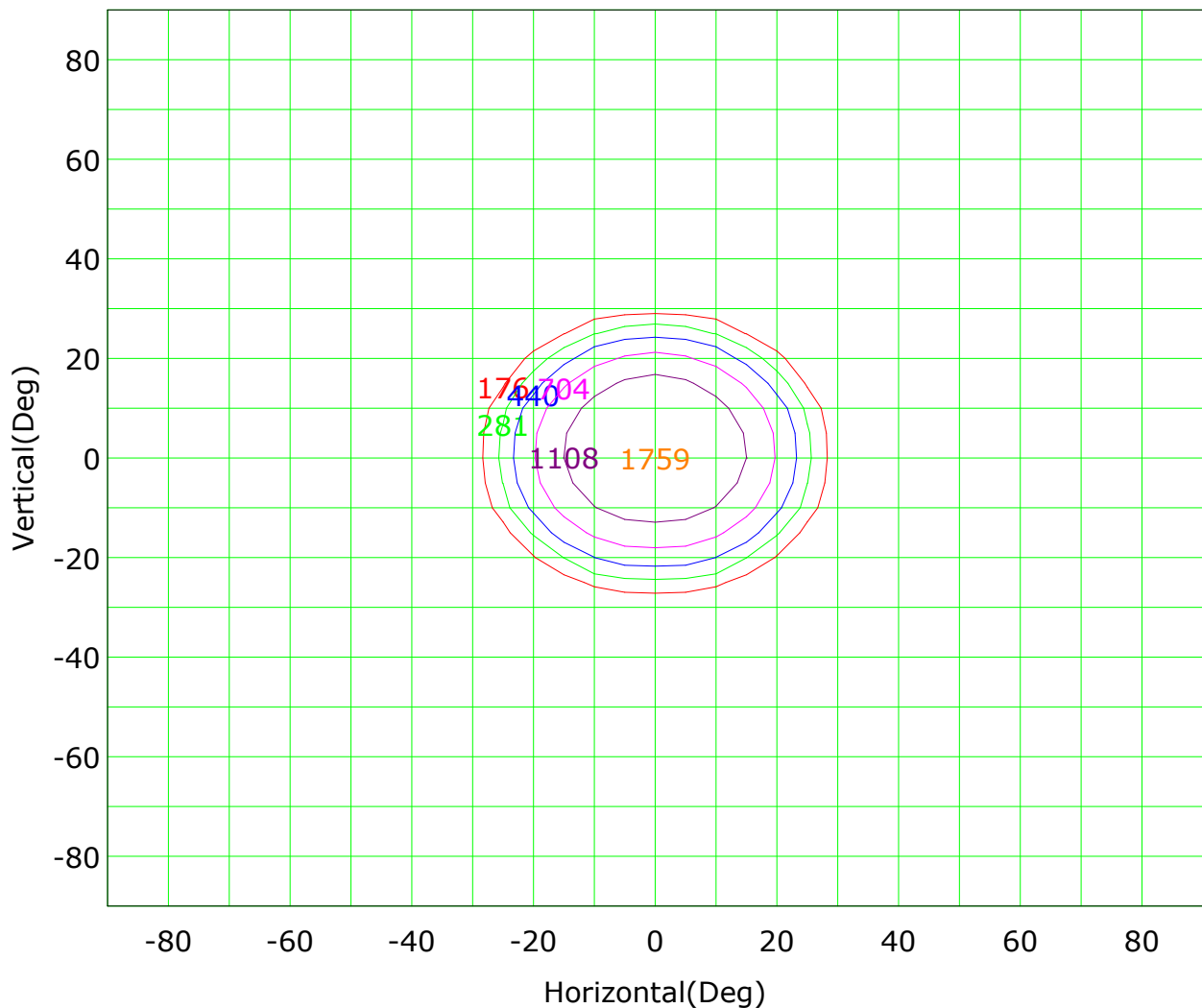
Luminous Intensity Distribution Curve



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%): 1759 cd

(10%): 176 cd	(16%): 281 cd
(25%): 440 cd	(40%): 704 cd
(63%): 1108 cd	(100%): 1759 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

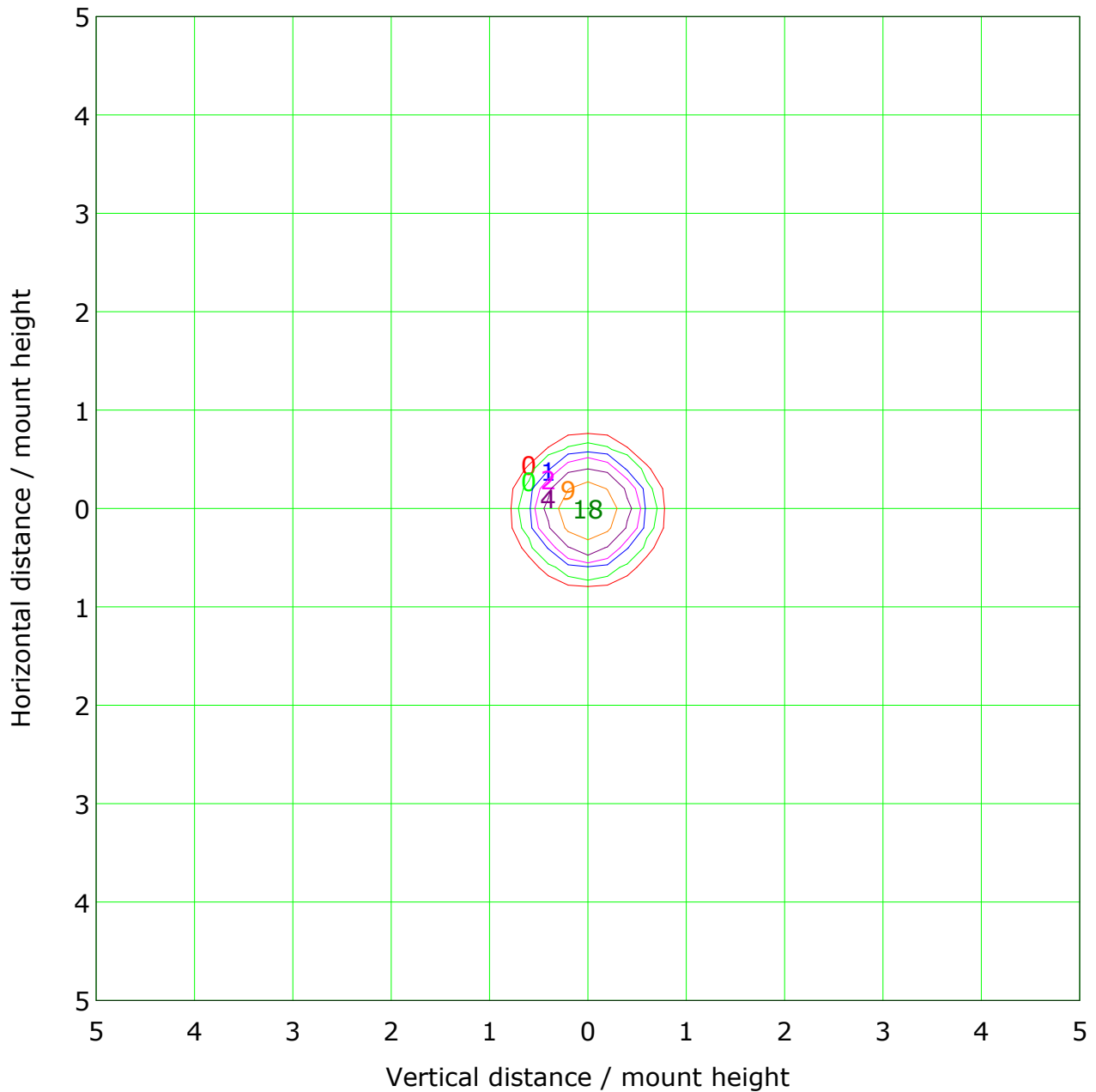
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 18 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	2 lx
— (20%):	4 lx	— (50%):	9 lx
— (100%):	18 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

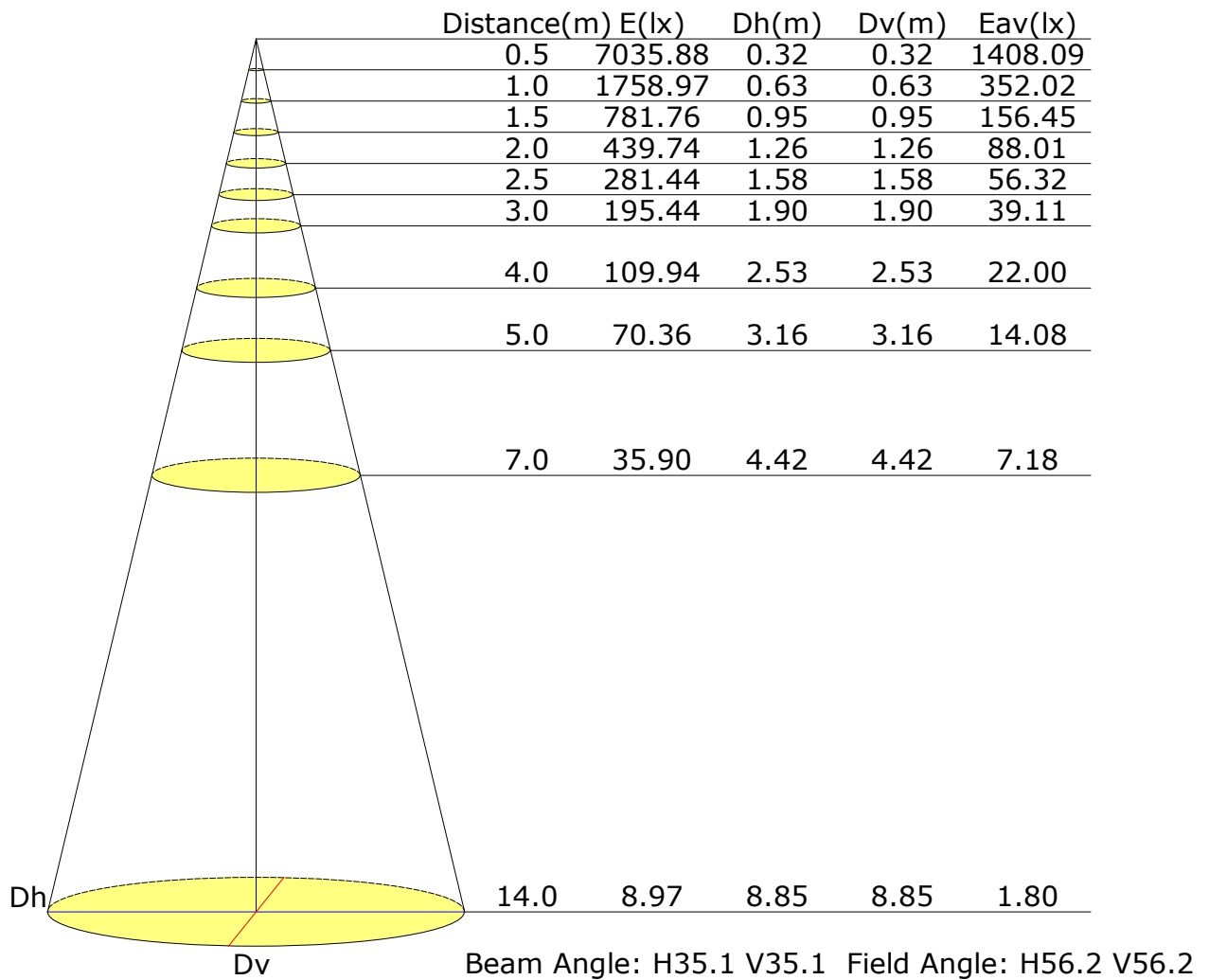
Test Device: CHL-6E

Distance: 3.000 m

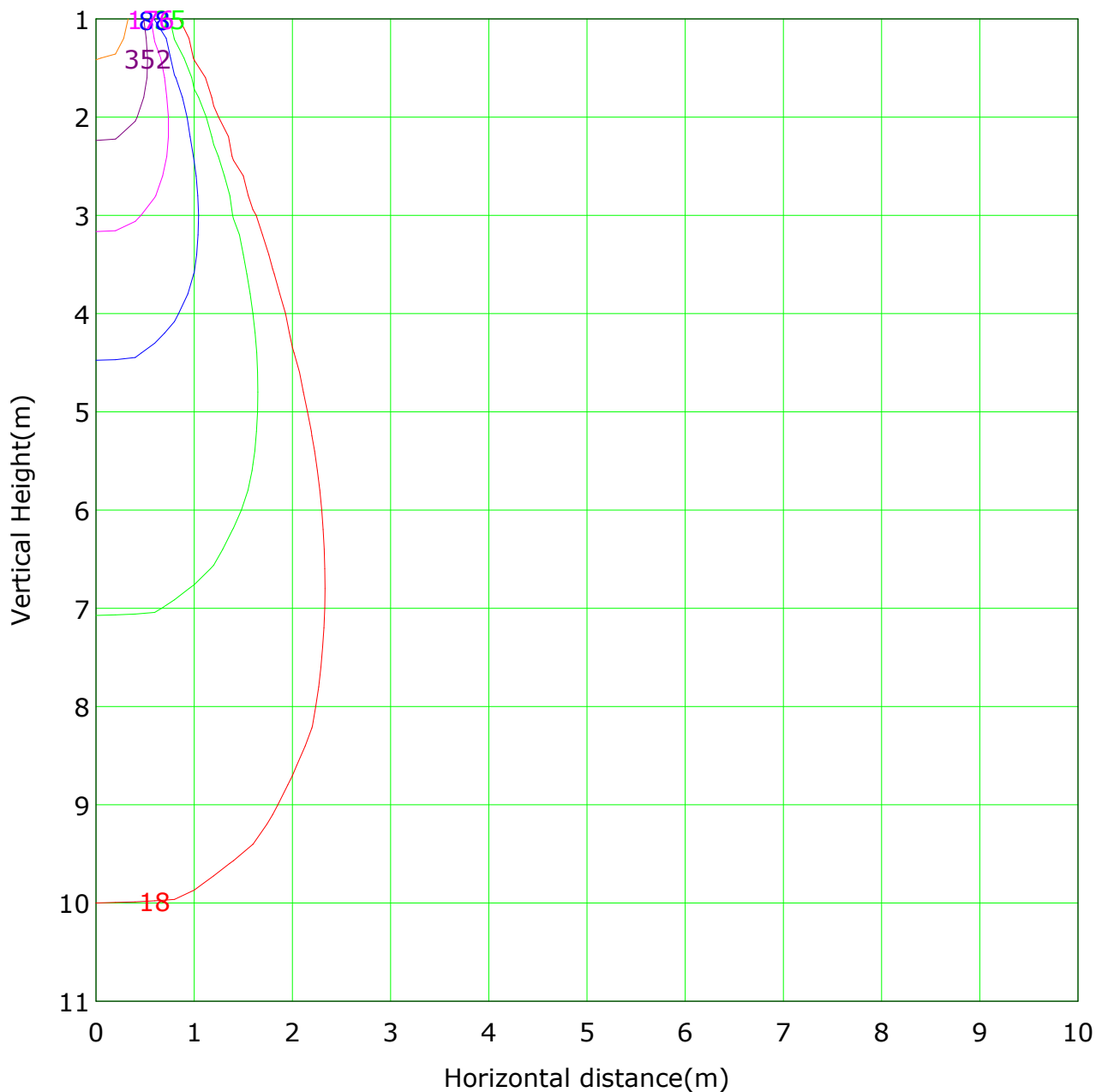
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

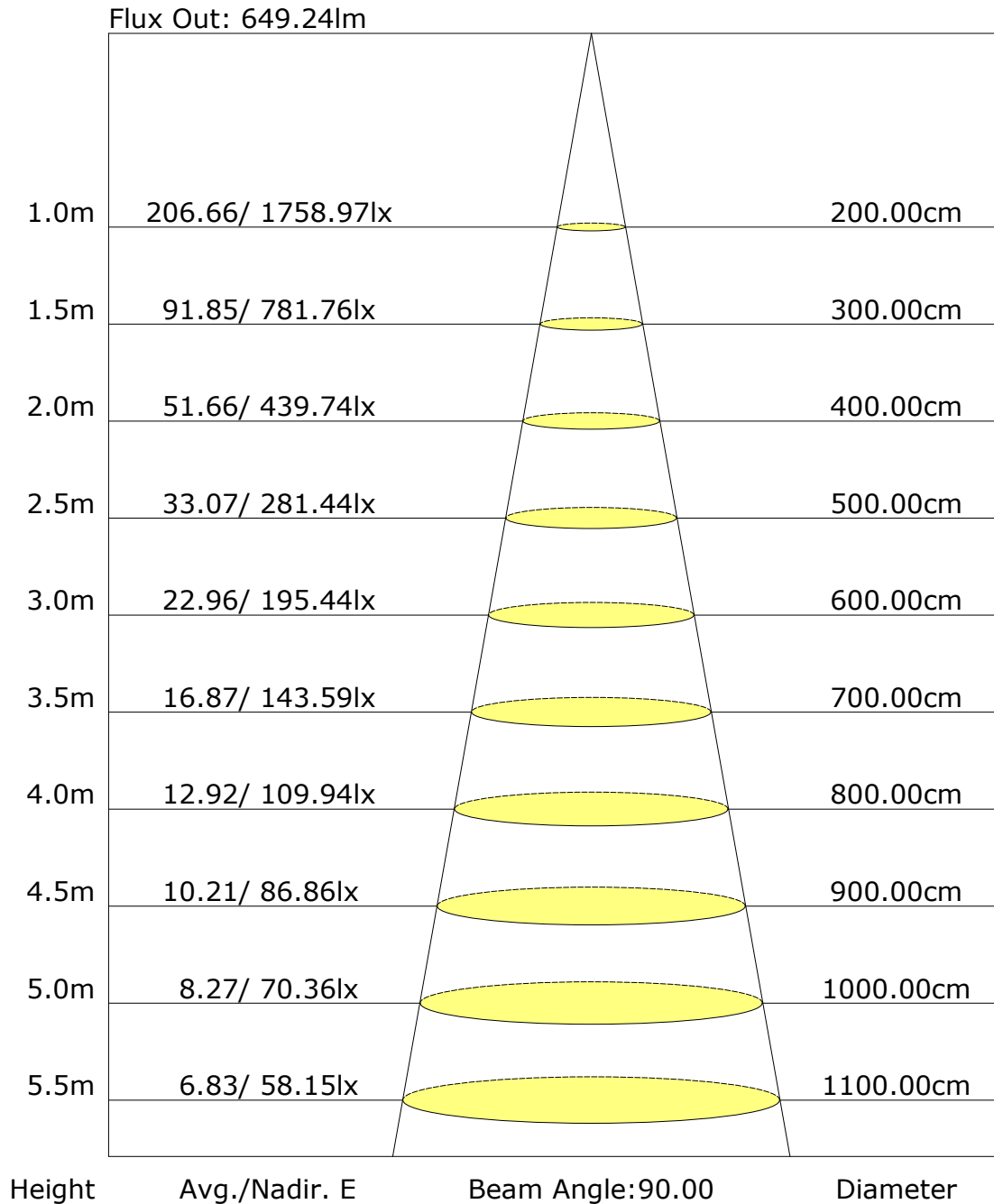


Lowest(m): 1m Highest(m): 11 Max Lux: 1759	
(1%): 18 lx	(2%): 35 lx
(5%): 88 lx	(10%): 176 lx
(20%): 352 lx	(50%): 879 lx
(100%): 1759 lx	

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: