

Report No.: 57.09517

Test Time: 2023-09-07 11:02

Luminaire Property

Luminaire Category: Bridgelux V6 3000K CRI90

Voltage: 215.2 V

Current: 0.117 A

Power: 14.30 W

Power Factor: 0.564

Photometric Results

CIE Class: Direct

Measurement Flux: 1083.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H36.3

Vertical Diffuse Angle(50%): V36.3

Luminaire Efficacy Rating (LER): 76

Max. Intensity: 2731.79 cd

Total Rated Lamp Lumens: 1083.9 lm

Efficiency: 100%

Upward Ratio: 0%

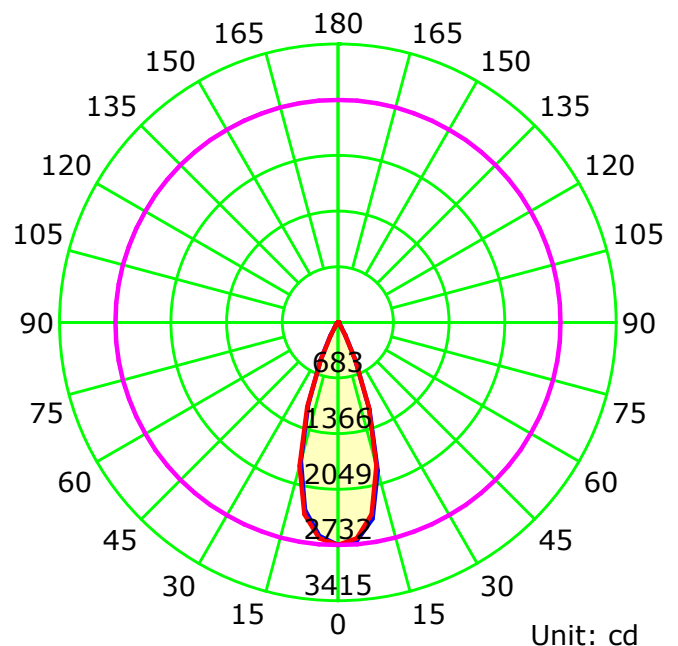
Central Intensity: 2731.78 cd

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

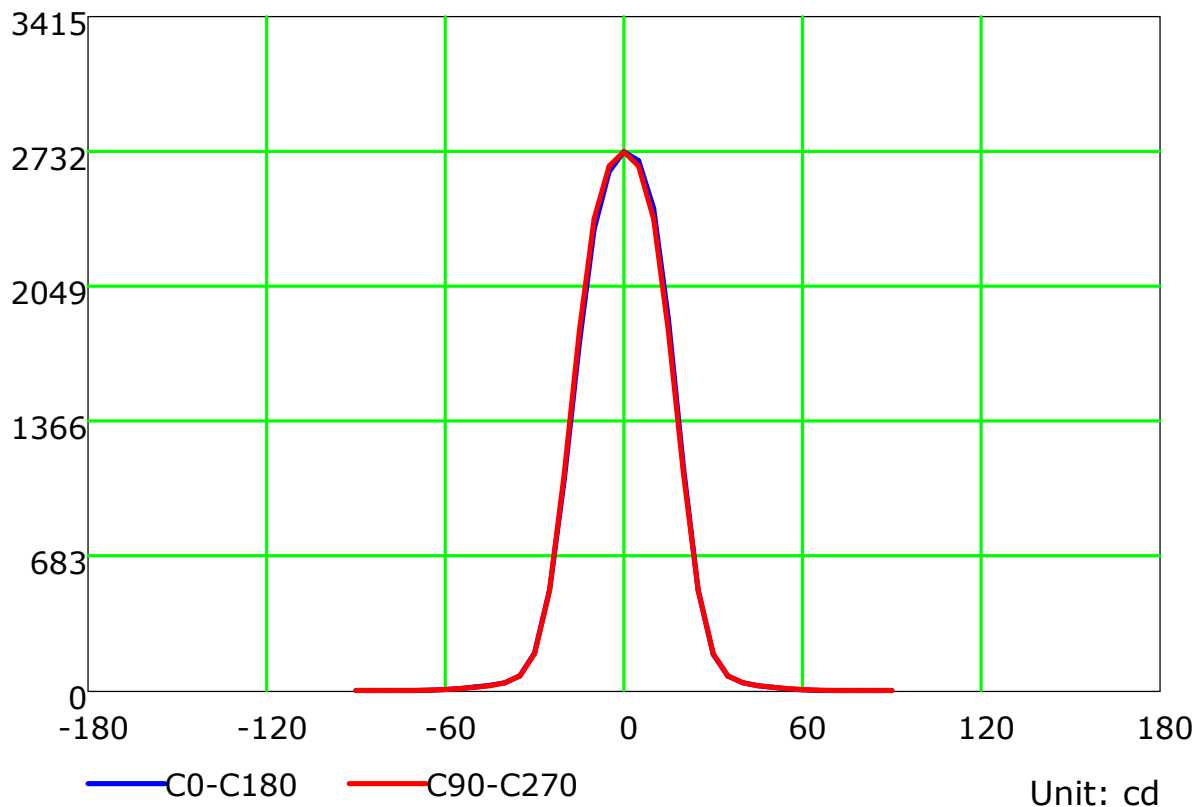
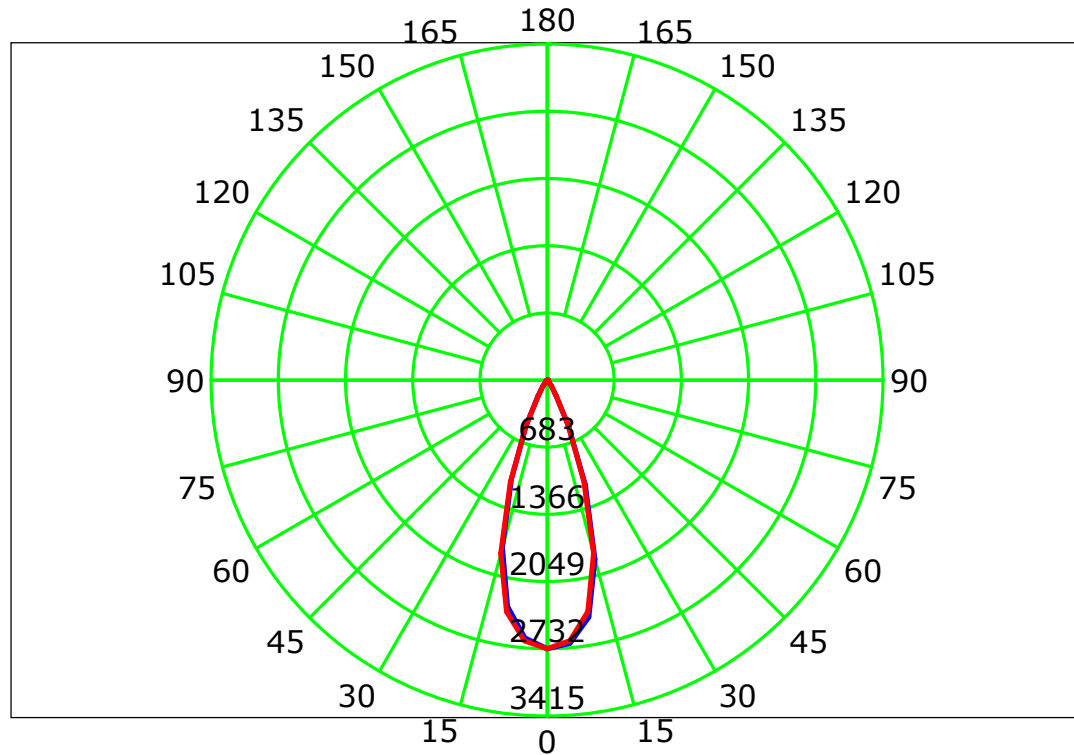
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

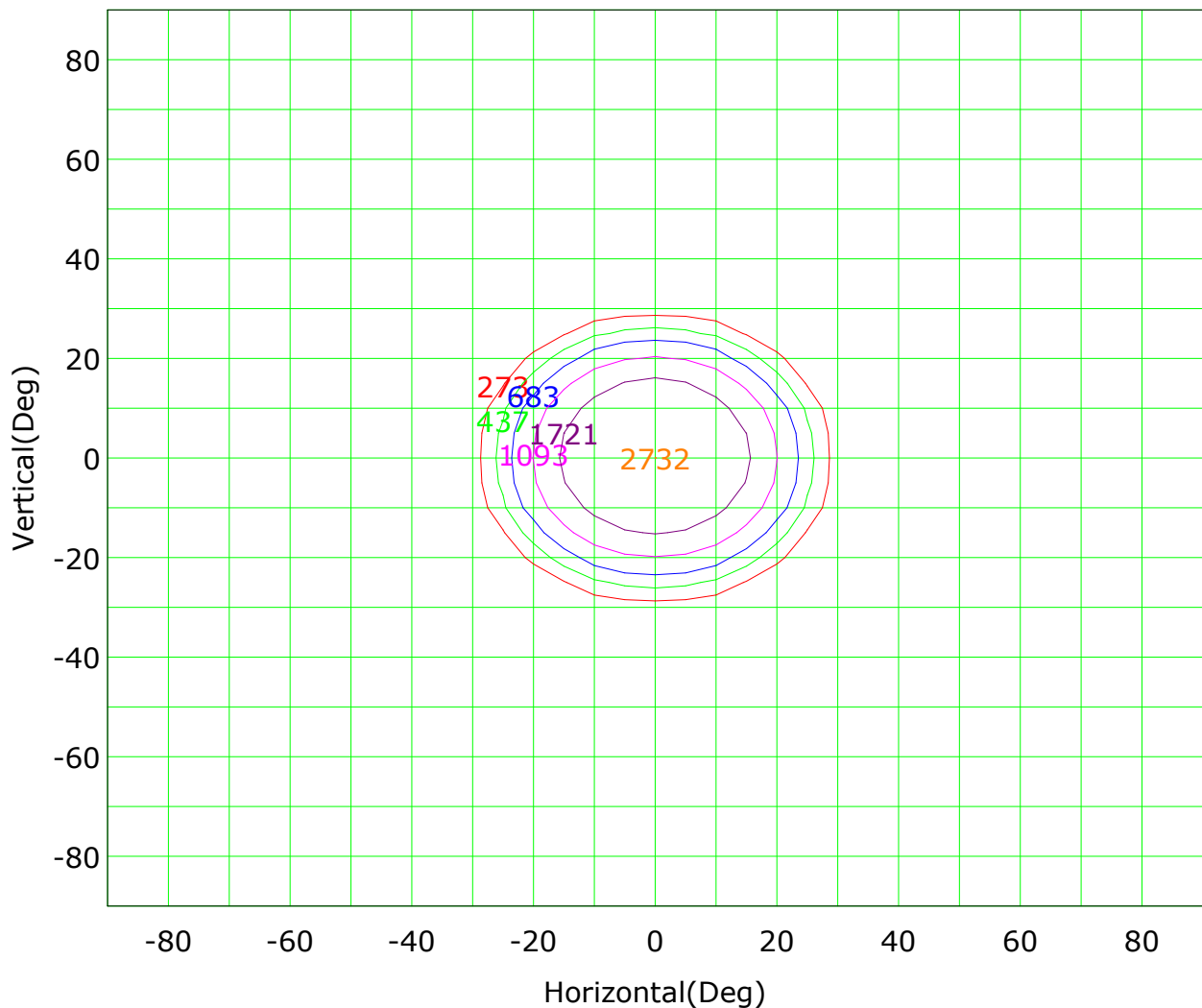
Luminous Intensity Distribution Curve



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%): 2732 cd

(10%): 273 cd	(16%): 437 cd
(25%): 683 cd	(40%): 1093 cd
(63%): 1721 cd	(100%): 2732 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

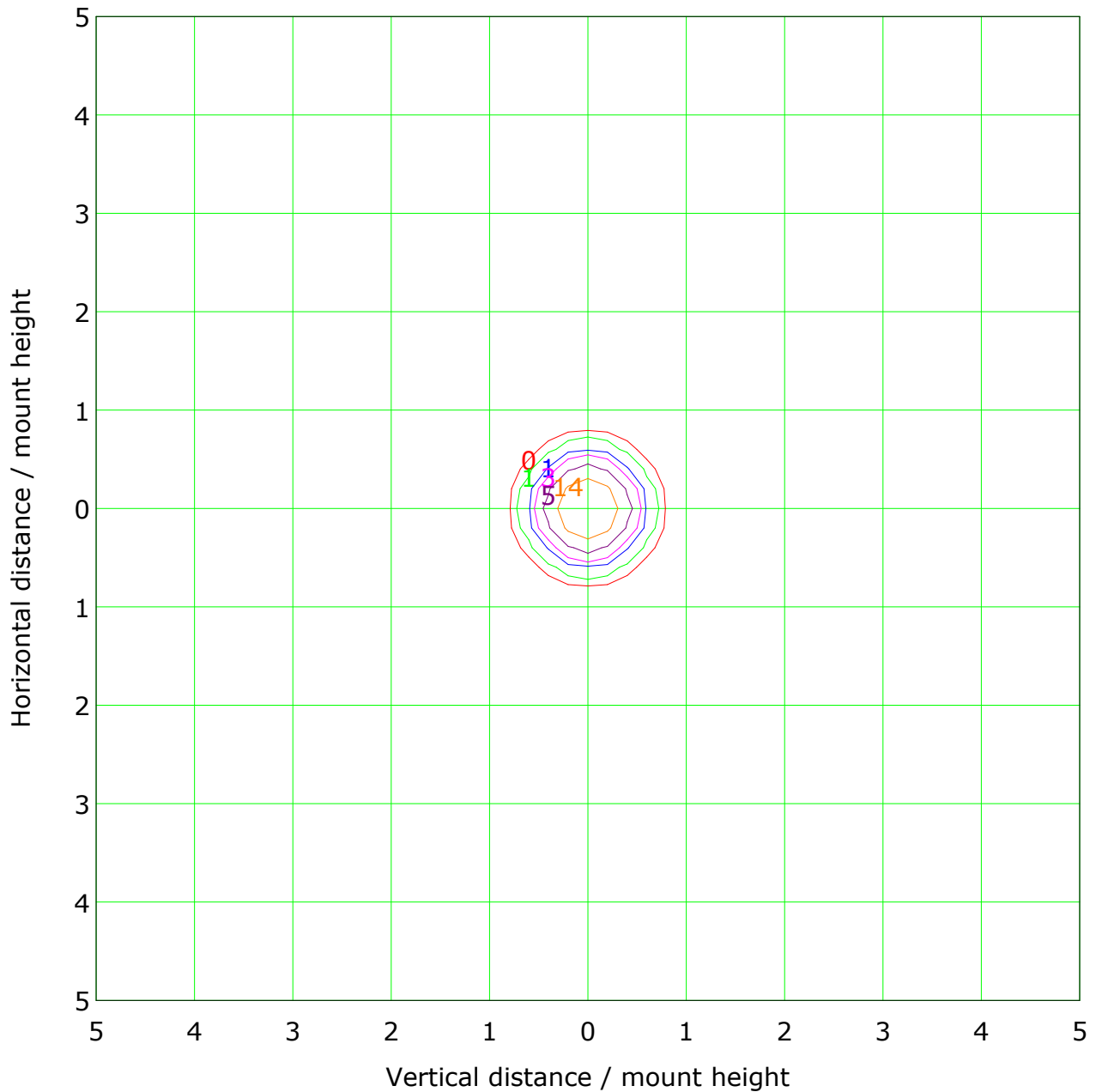
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 27 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	1 lx	(10%):	3 lx
(20%):	5 lx	(50%):	14 lx
(100%):	27 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

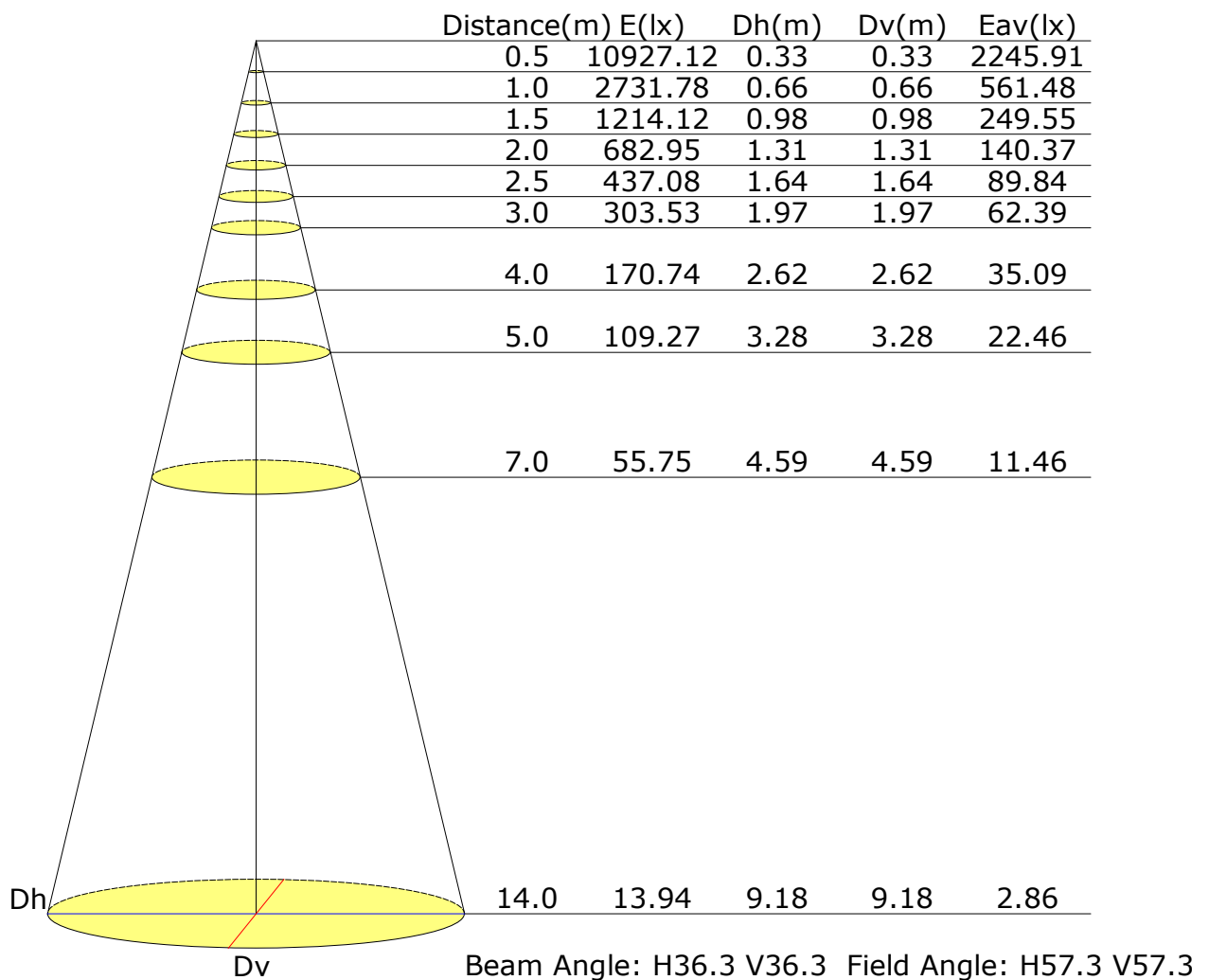
Test Device: CHL-6E

Distance: 3.000 m

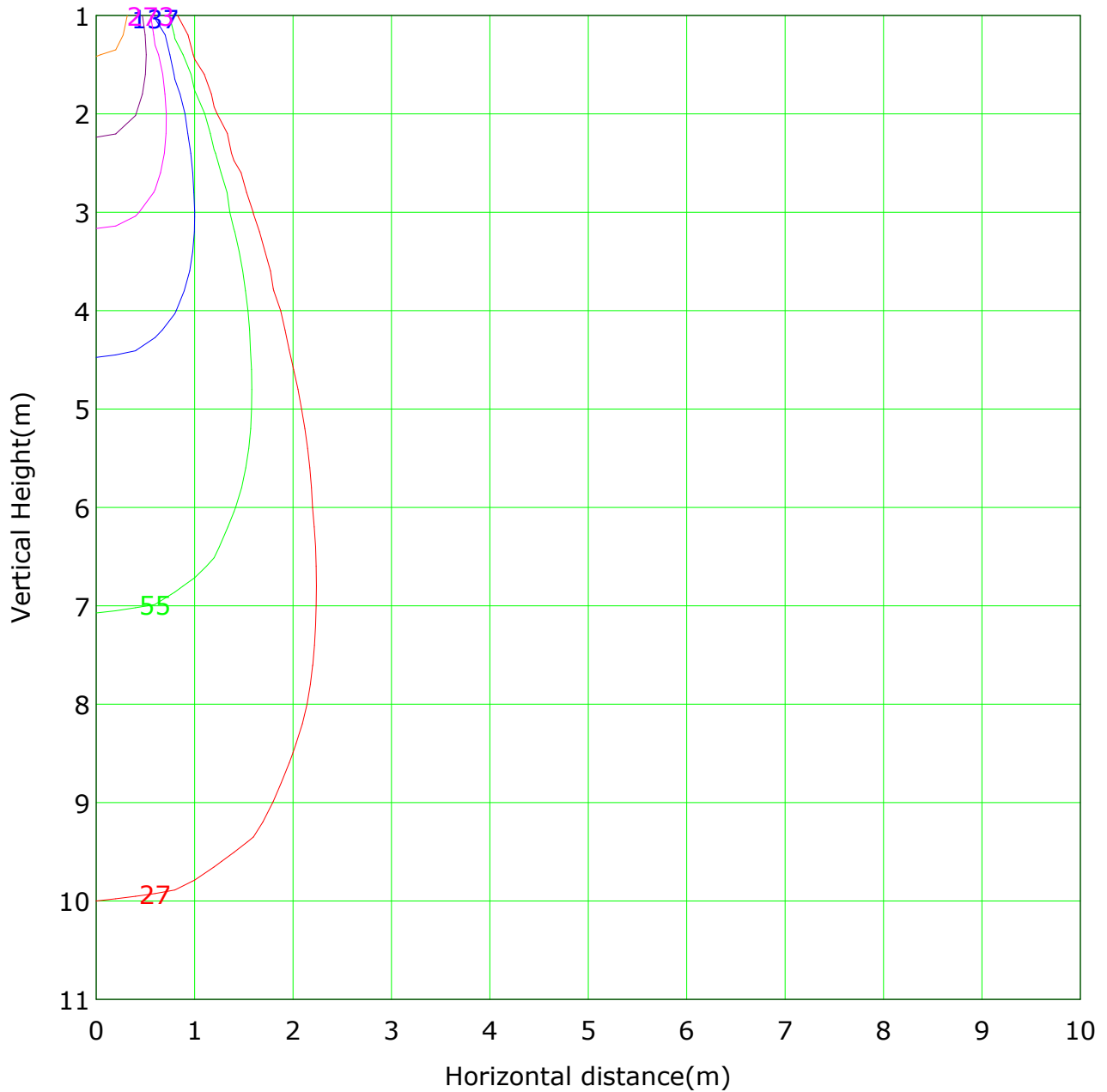
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1m Highest(m): 11 Max Lux: 2732

(1%): 27 lx	(2%): 55 lx
(5%): 137 lx	(10%): 273 lx
(20%): 546 lx	(50%): 1366 lx
(100%): 2732 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

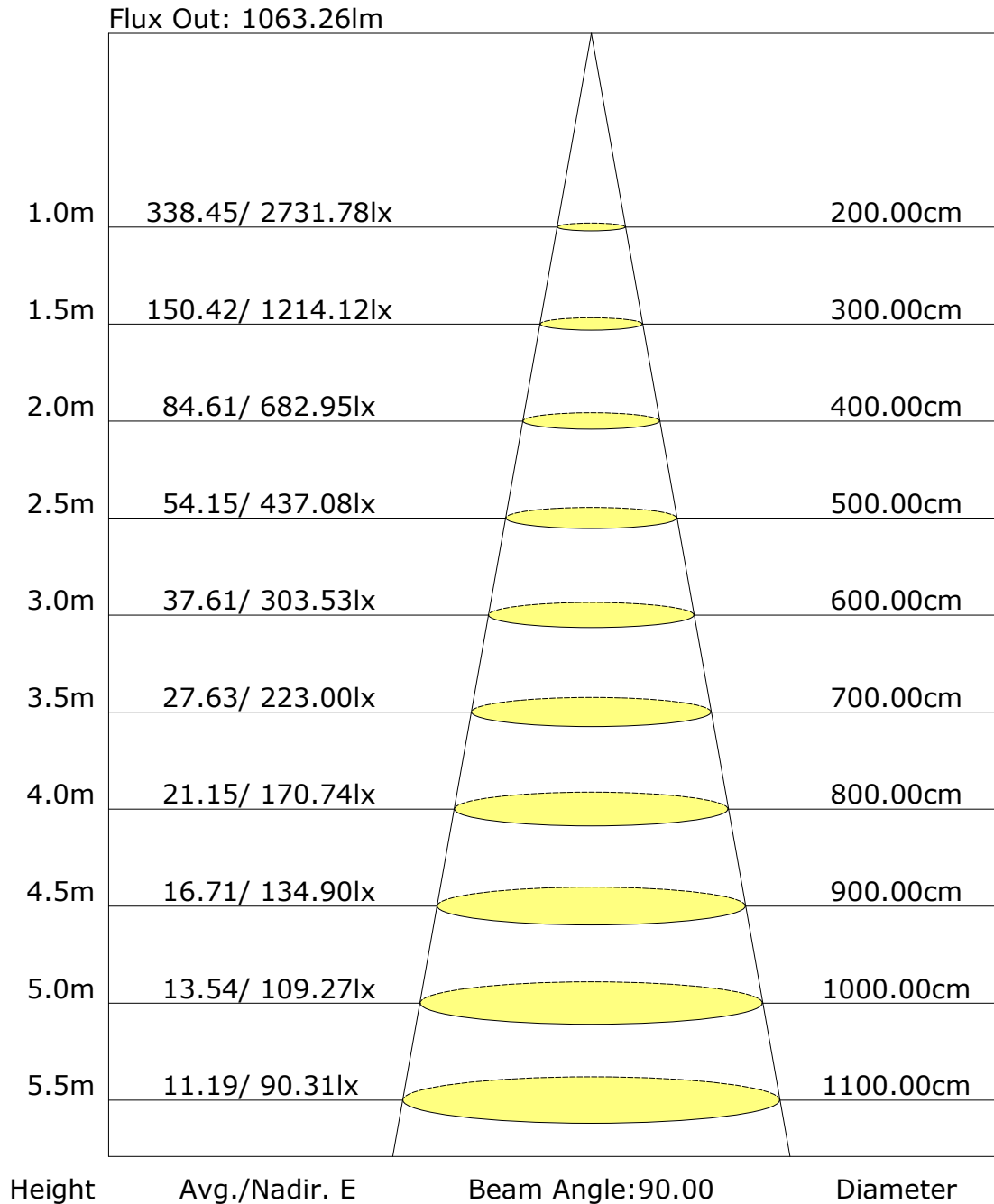
Test Device: CHL-6E

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: