

Report No.: 61.02347 SPARK 20 LINEAR LIGTest Time: 2023-10-11 23:15

Luminaire Property

Luminaire Category:

Voltage: 237.9 V

Power: 13.40 W

Current: 0.097 A

Power Factor: 0.582

Photometric Results

CIE Class: Direct

Measurement Flux: 1211.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H104.9

Vertical Diffuse Angle(50%): V104.9

Luminaire Efficacy Rating (LER): 90

Max. Intensity: 449.64 cd

Total Rated Lamp Lumens: 1211.9 lm

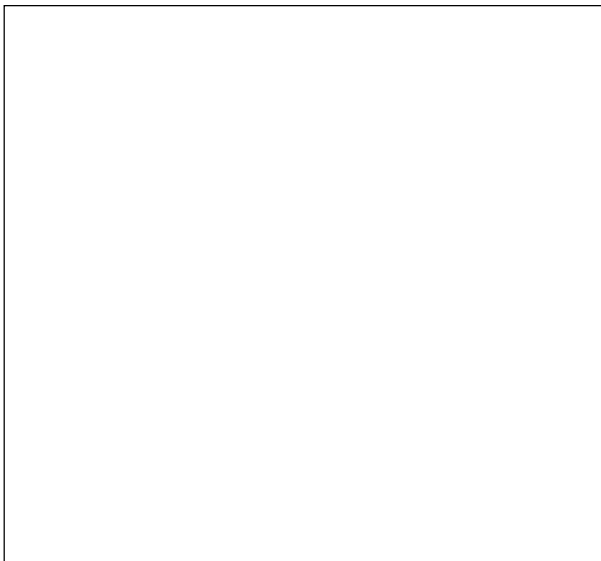
Efficiency: 100%

Upward Ratio: 0%

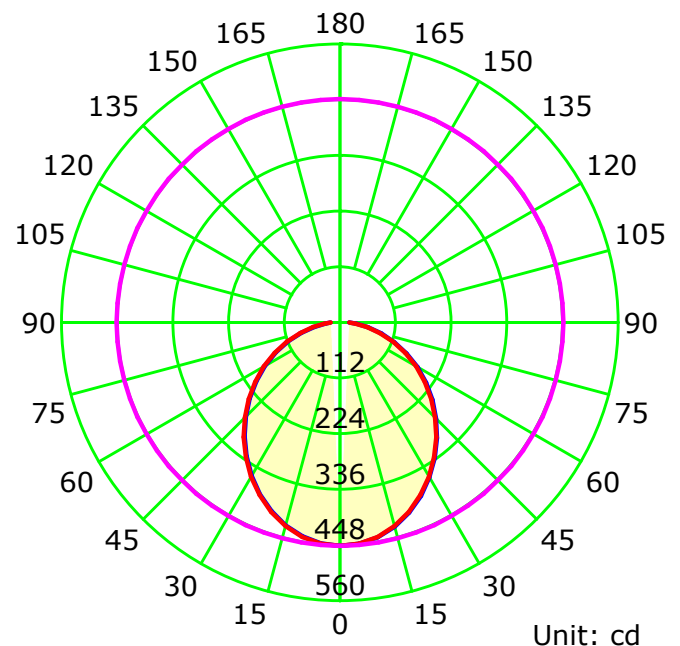
Central Intensity: 449.63 cd

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

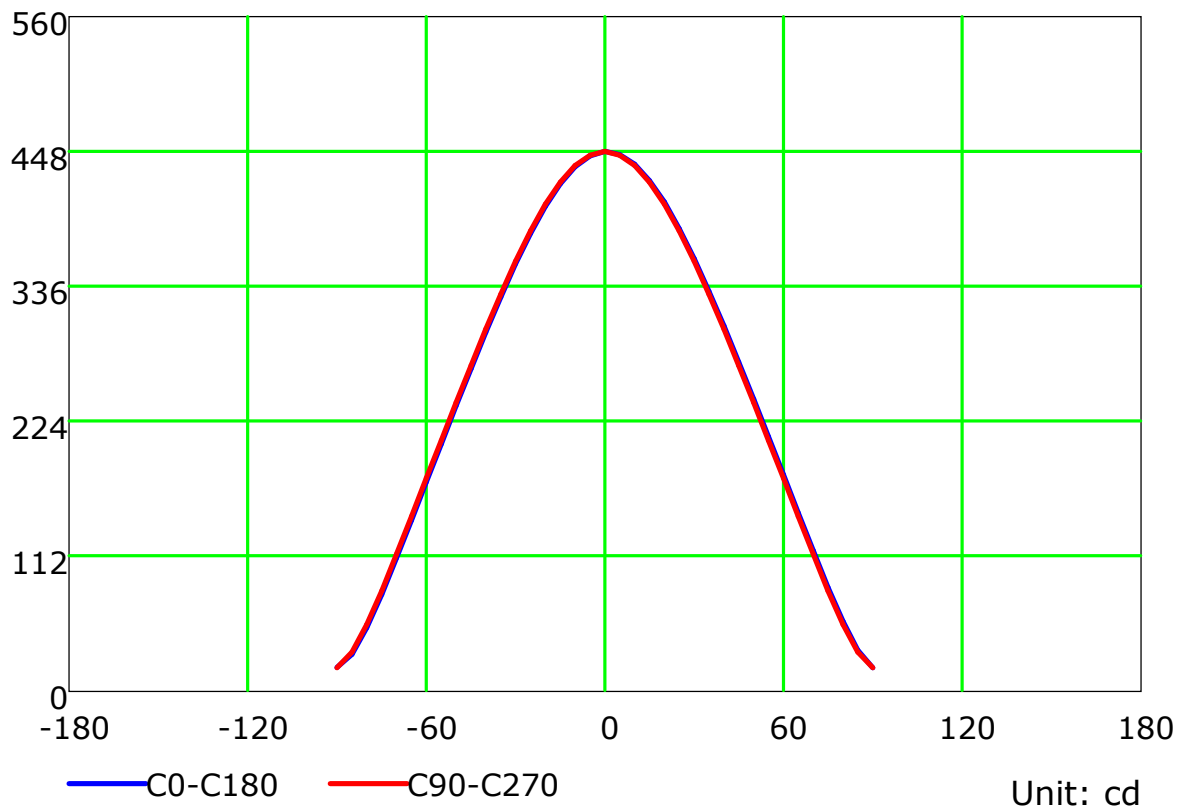
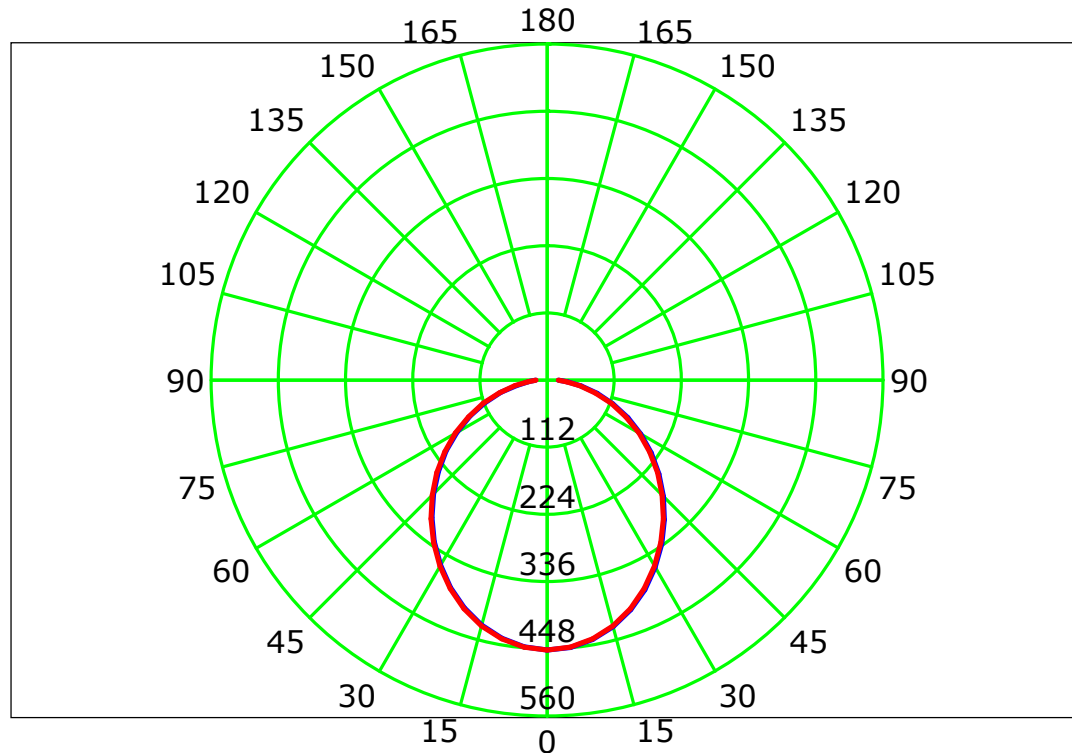
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve

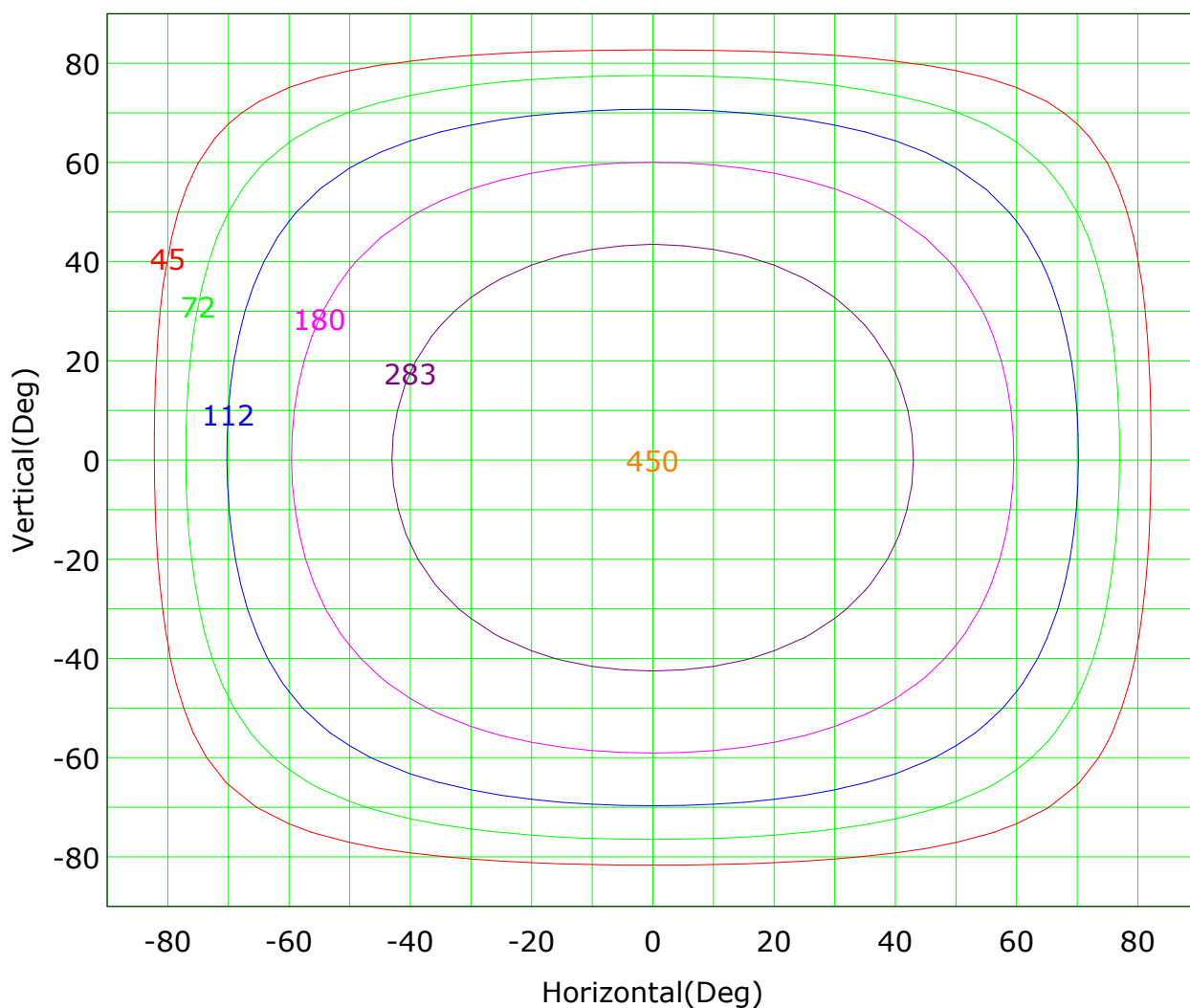


Unit: cd

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:

Isocandela (rectangle)



Imax (100%): 450 cd

(10%): 45 cd	(16%): 72 cd
(25%): 112 cd	(40%): 180 cd
(63%): 283 cd	(100%): 450 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

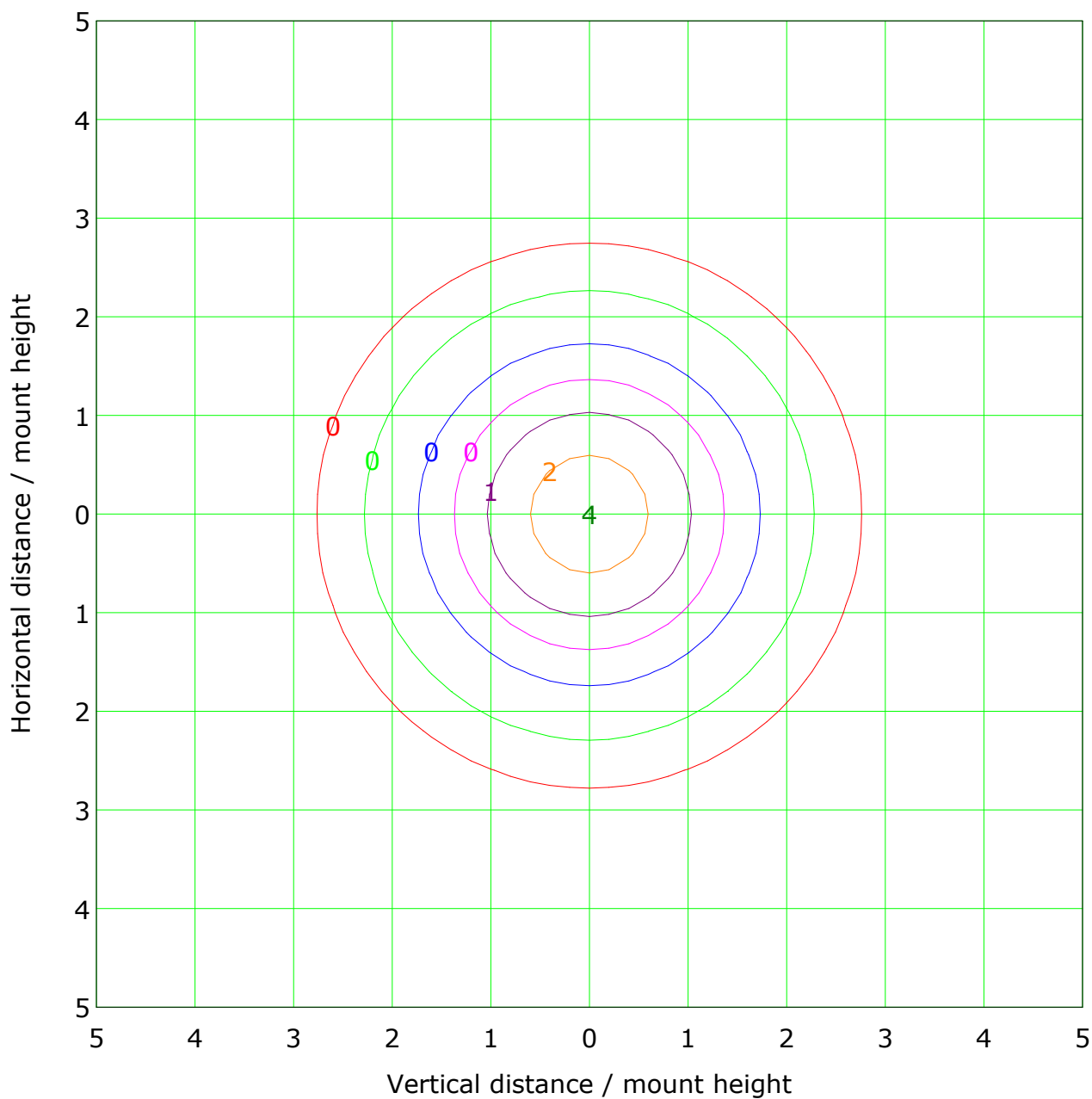
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 4 lx

(1%):	0 lx	(2%):	0 lx
(5%):	0 lx	(10%):	0 lx
(20%):	1 lx	(50%):	2 lx
(100%):	4 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

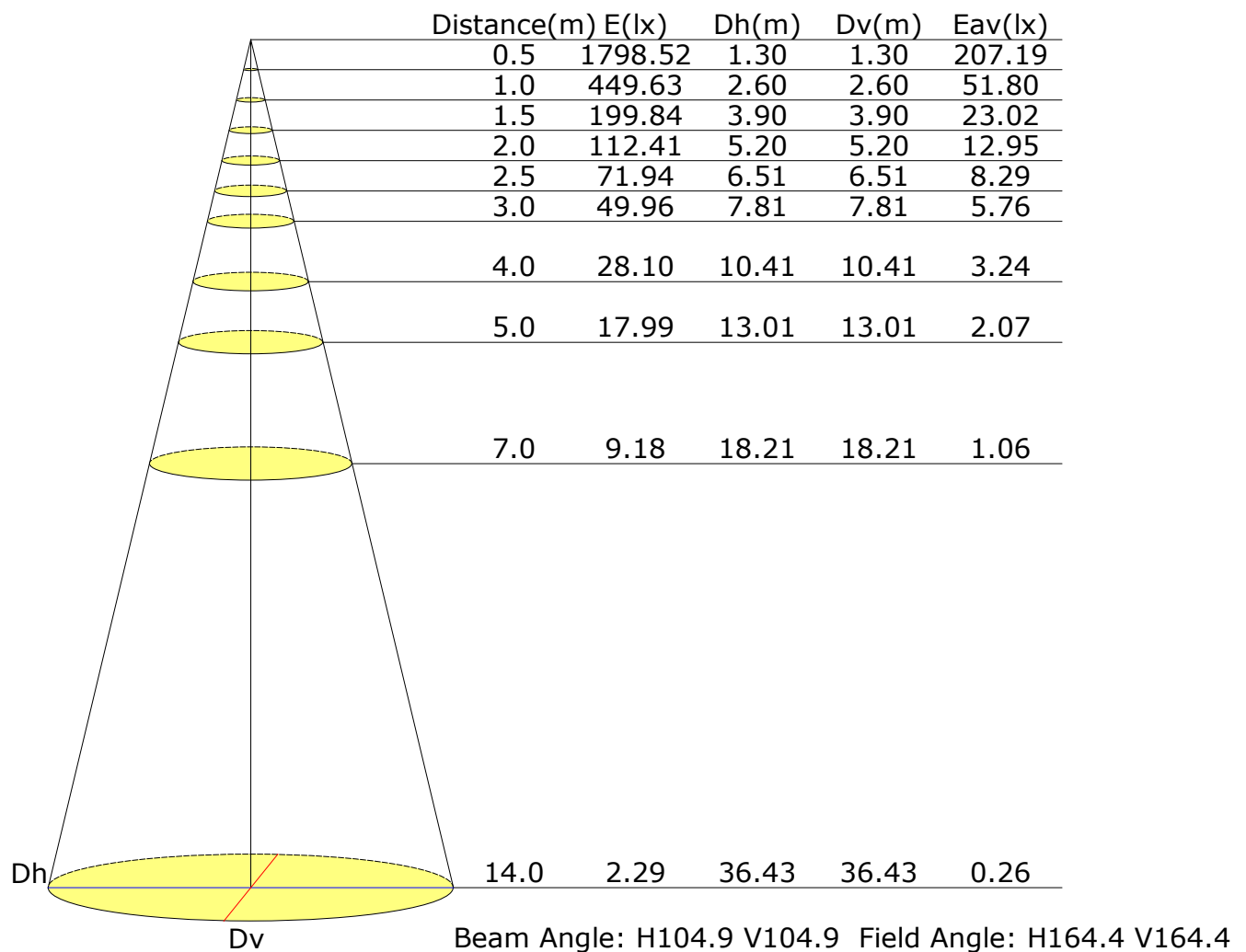
Test Device: CHL-6E

Distance: 3.000 m

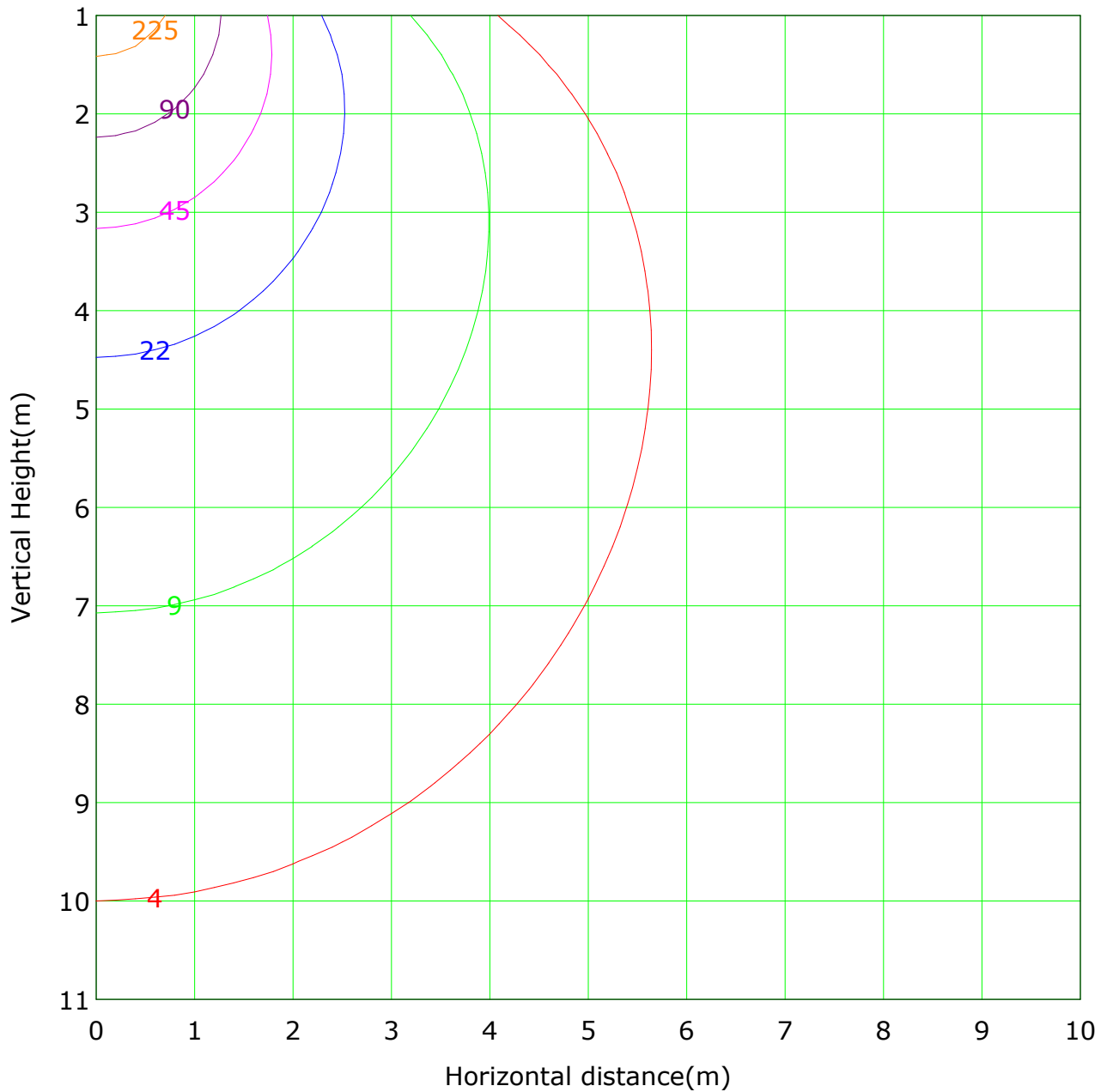
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



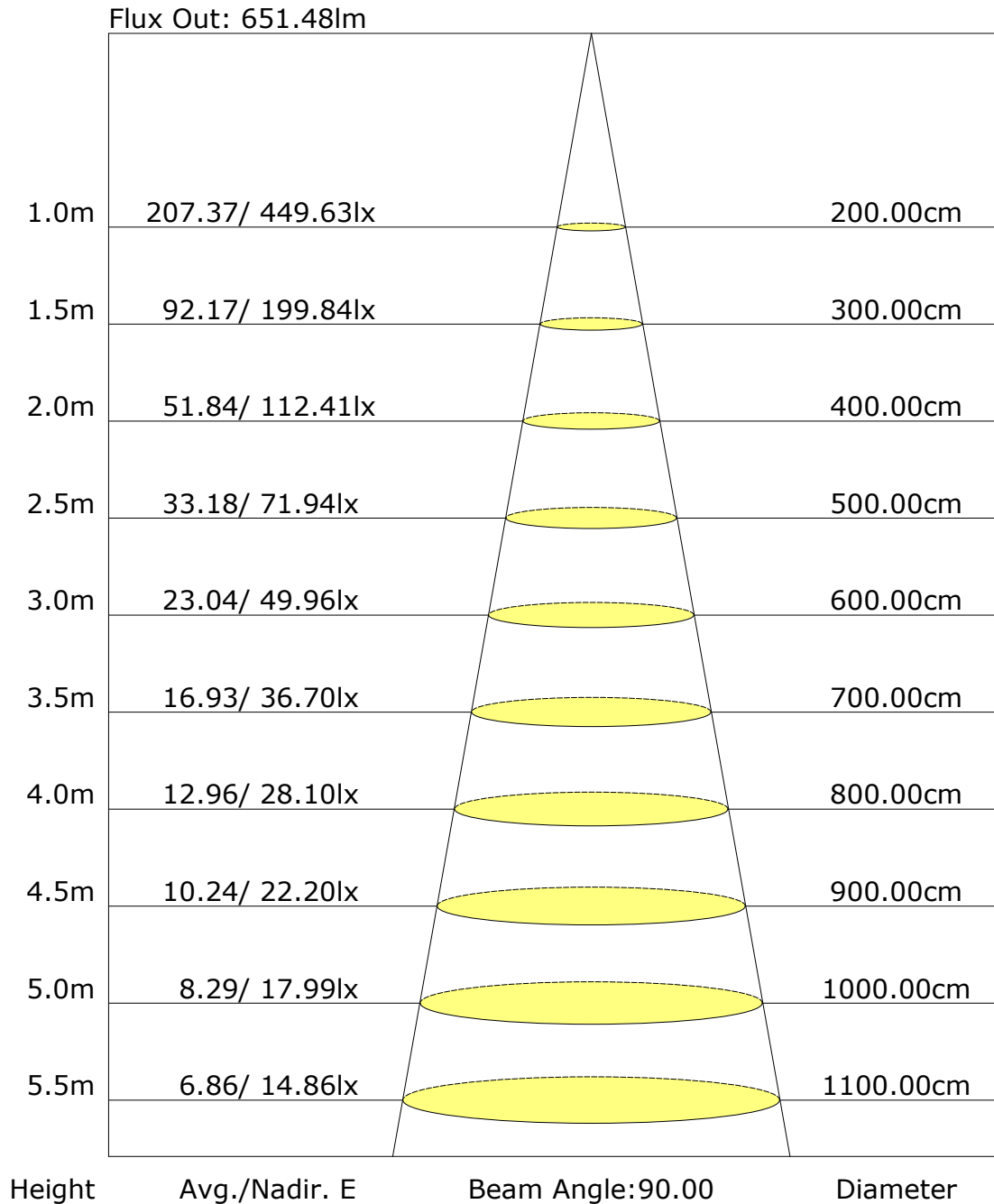
Lowest(m): 1m Highest(m): 11 Max Lux: 450

(1%): 4 lx	(2%): 9 lx
(5%): 22 lx	(10%): 45 lx
(20%): 90 lx	(50%): 225 lx
(100%): 450 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



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: