

Report No.: 62.05512 FOS Tracklight

Test Time: 2023-07-07 22:59

Luminaire Property

Luminaire Category: Citizen 1204 3000K CRI90

Luminaire Description: 41D

Current: 0.231 A

Power Factor: 0.544

Voltage: 217.9 V

Power: 27.40 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1839 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H41.3

Vertical Diffuse Angle(50%): V41.3

Luminaire Efficacy Rating (LER): 67

Max. Intensity: 3997.38 cd

Total Rated Lamp Lumens: 1839.0 lm

Efficiency: 100%

Upward Ratio: 0%

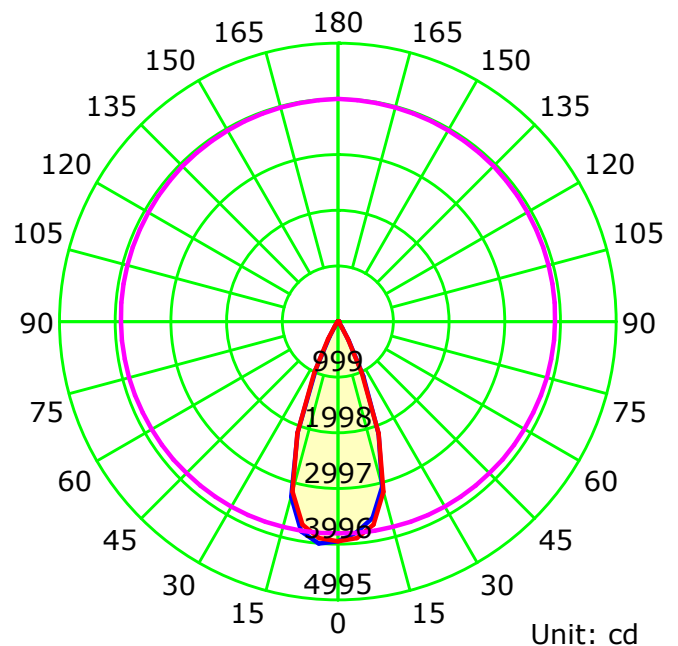
Central Intensity: 3939.63 cd

Pos of Max. Intensity: H180 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G5

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

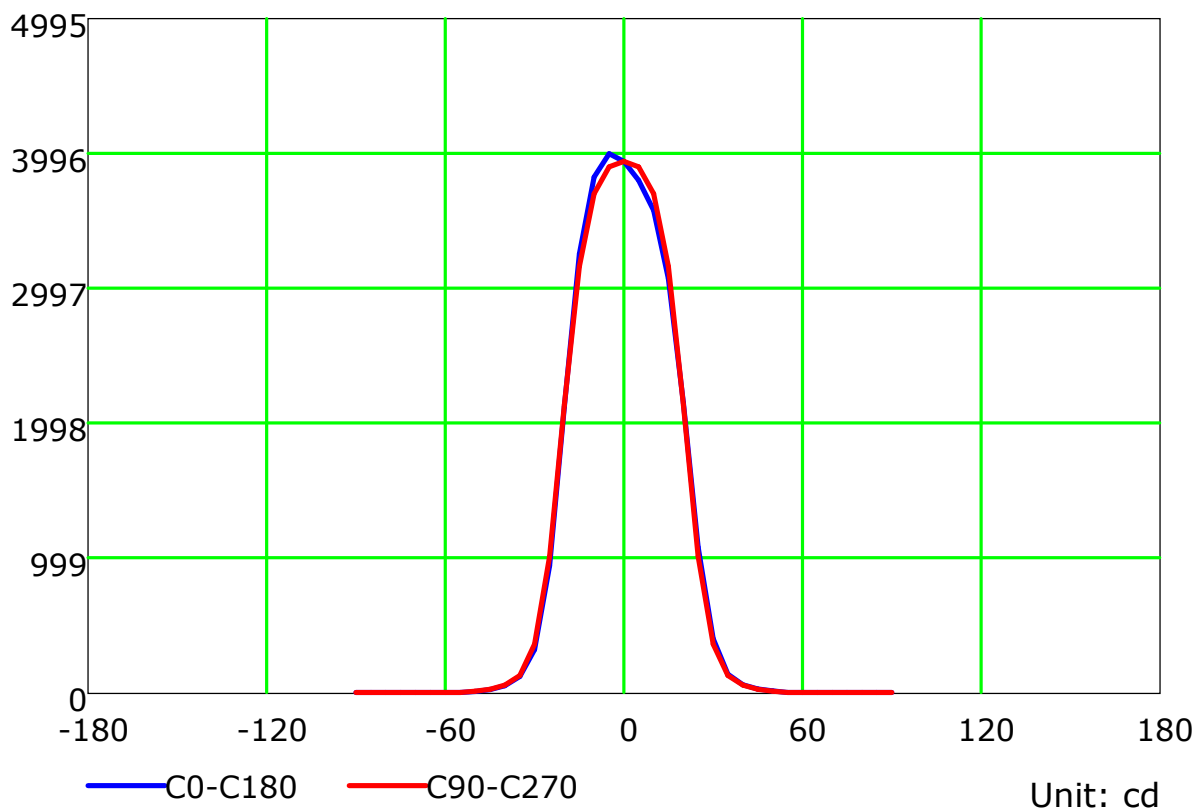
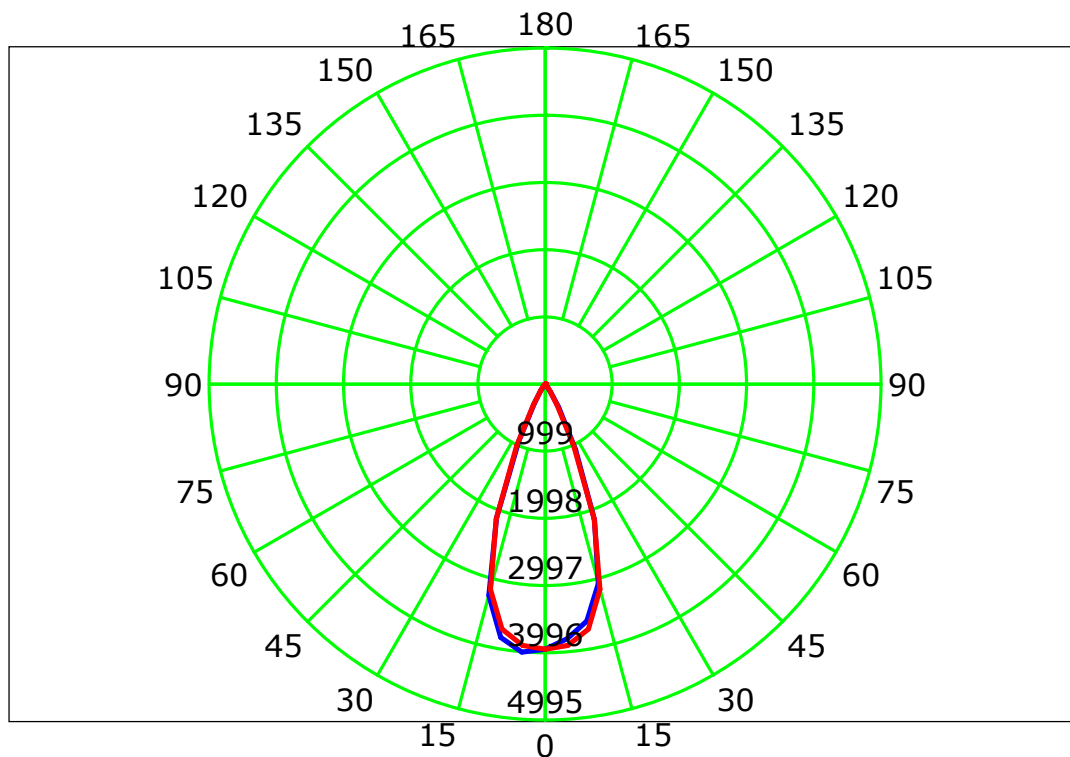
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

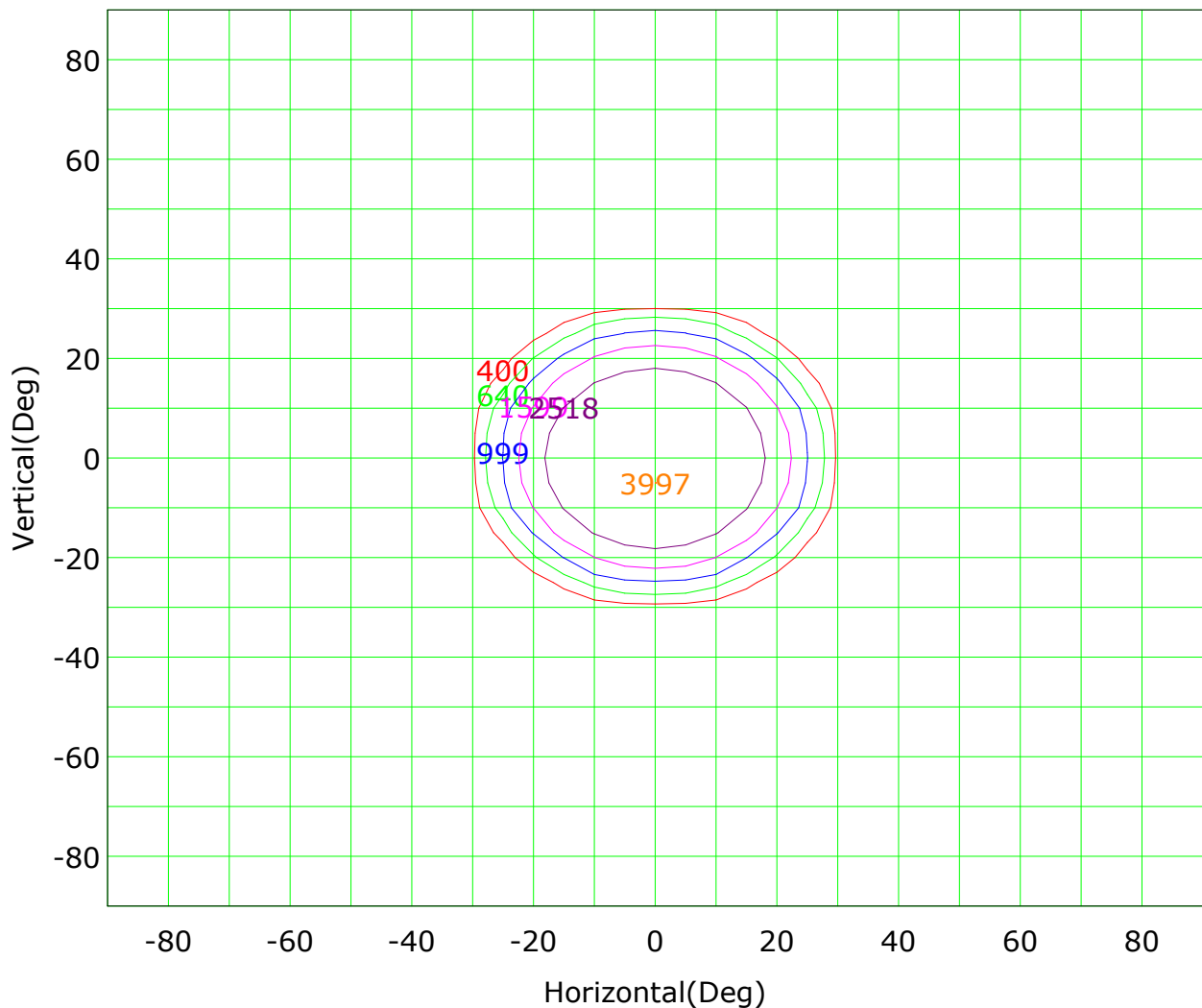
Luminous Intensity Distribution Curve



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%): 3997 cd

(10%): 400 cd	(16%): 640 cd
(25%): 999 cd	(40%): 1599 cd
(63%): 2518 cd	(100%): 3997 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

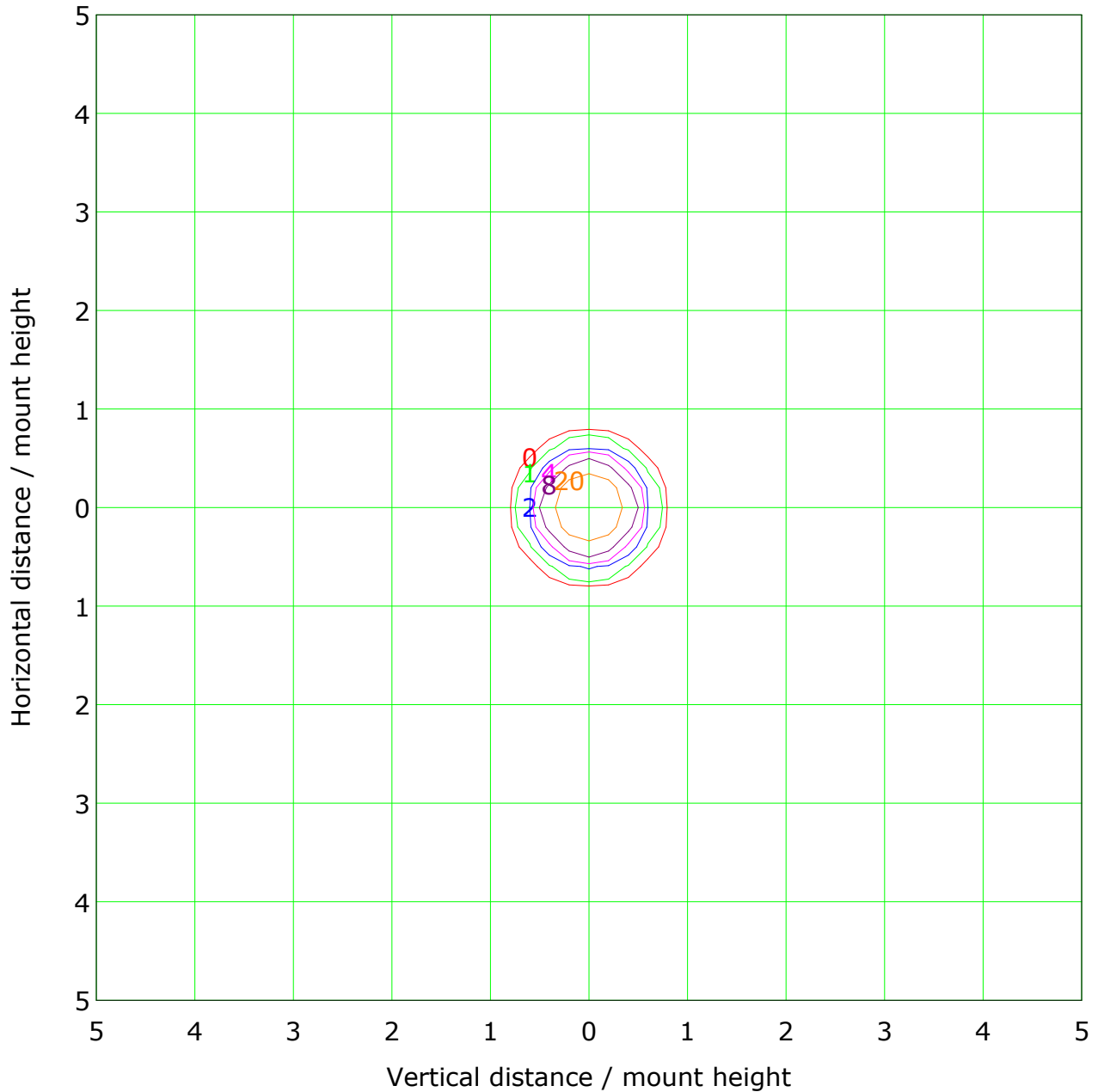
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 40 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	2 lx	(10%):	4 lx
(20%):	8 lx	(50%):	20 lx
(100%):	40 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

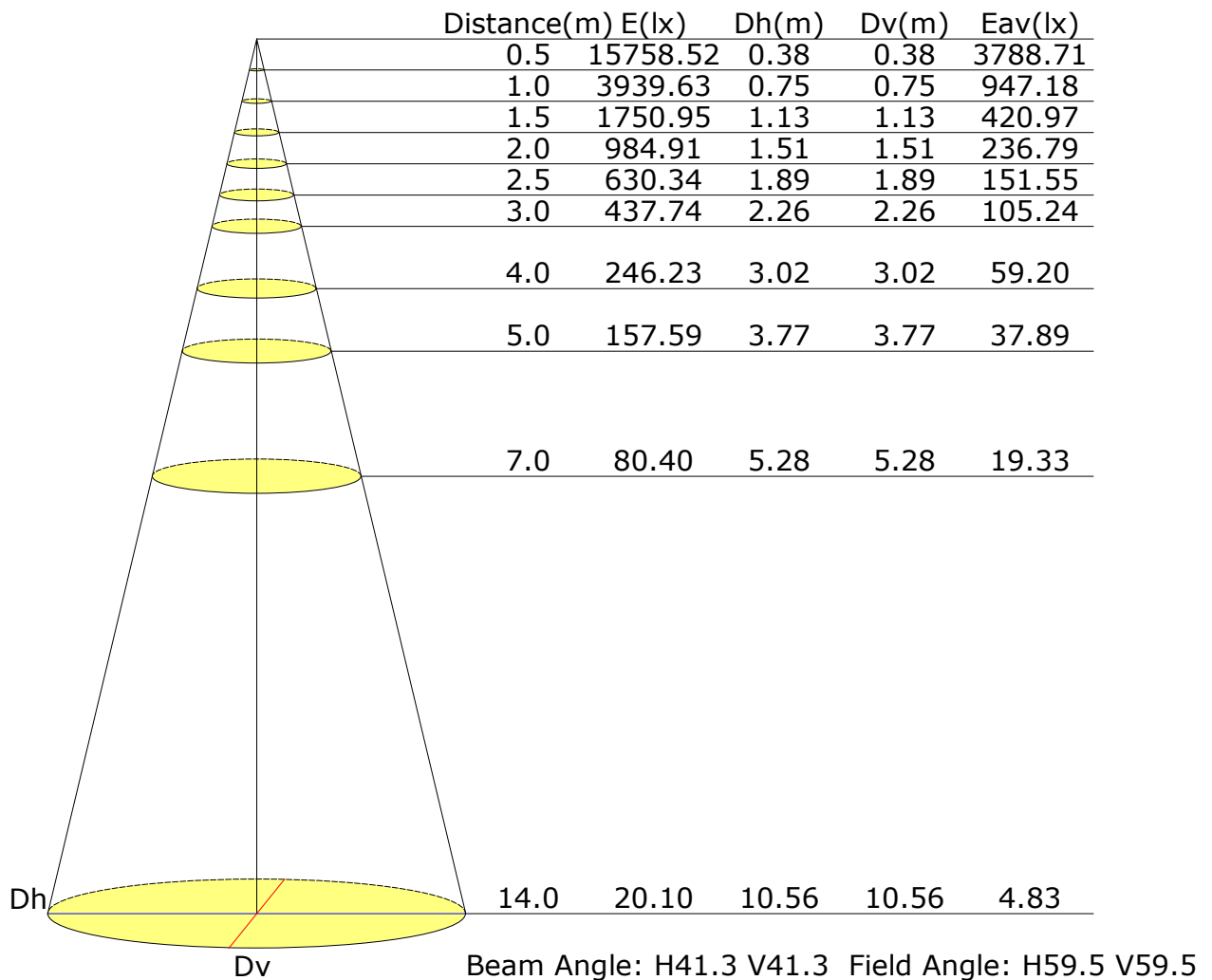
Test Device: CHL-6E

Distance: 3.000 m

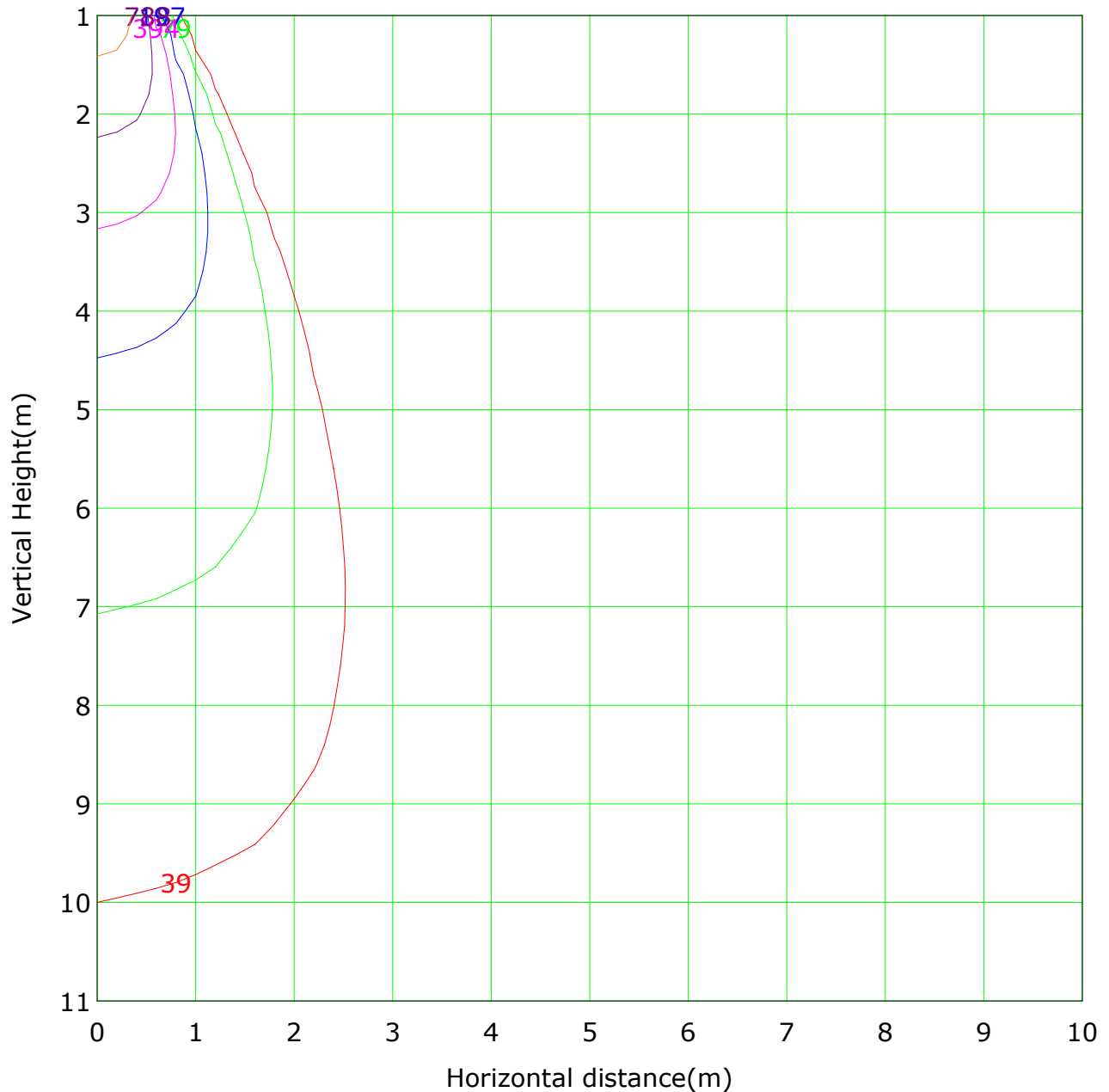
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

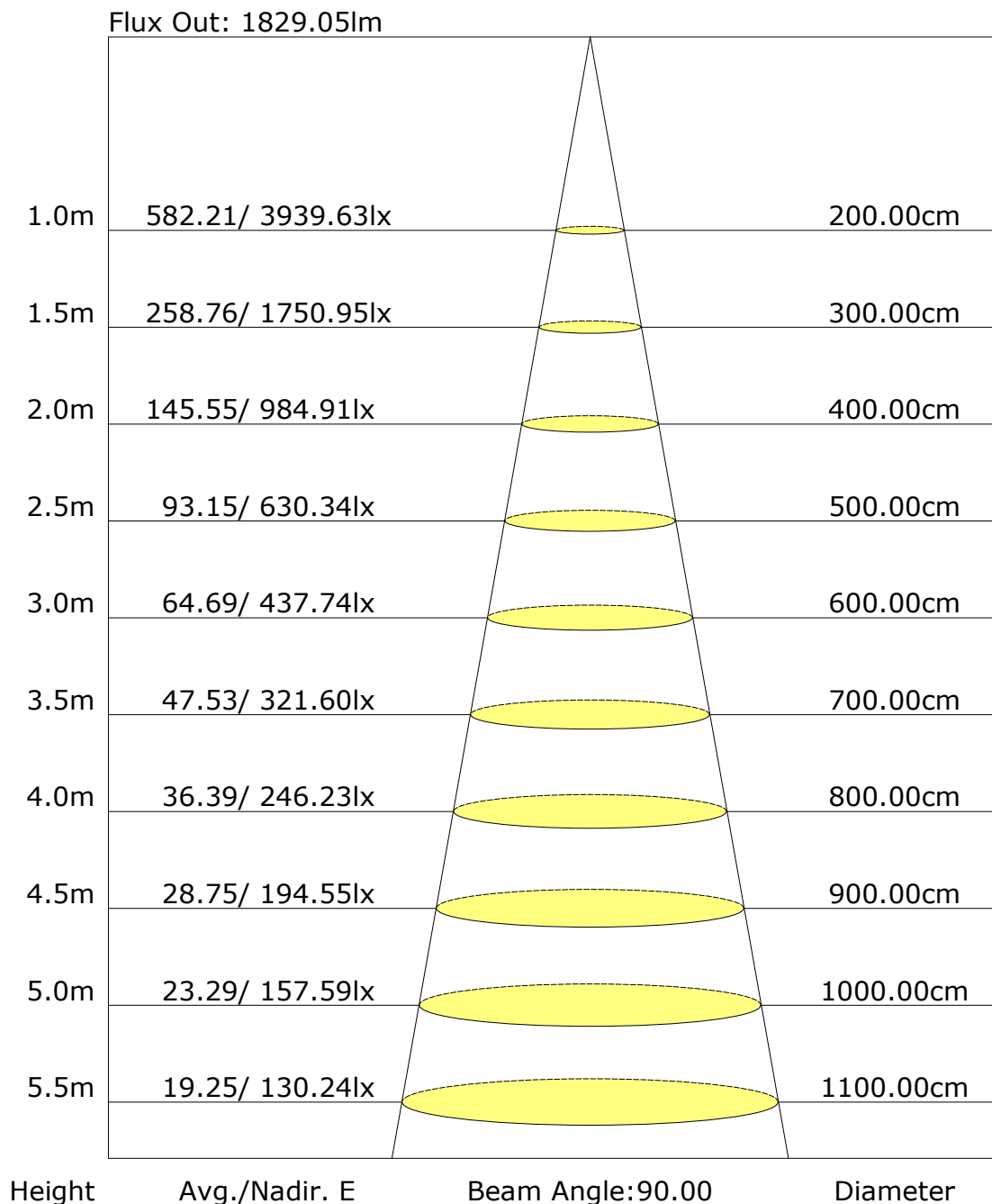


Lowest(m): 1m Highest(m): 11 Max Lux: 3940	
(1%): 39 lx	(2%): 79 lx
(5%): 197 lx	(10%): 394 lx
(20%): 788 lx	(50%): 1970 lx
(100%): 3940 lx	

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: