

Report No.: 62.05520 FOS Tracklight

Test Time: 2023-09-19 16:57

Luminaire Property

Luminaire Category: Bridgelux V10A F90 3000K CRI90

Voltage: 219.3 V

Current: 0.113 A

Power: 24.10 W

Power Factor: 0.976

Photometric Results

CIE Class: Direct

Measurement Flux: 2470.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H48.7

Vertical Diffuse Angle(50%): V48.7

Luminaire Efficacy Rating (LER): 103

Max. Intensity: 3907.22 cd

Total Rated Lamp Lumens: 2470.6 lm

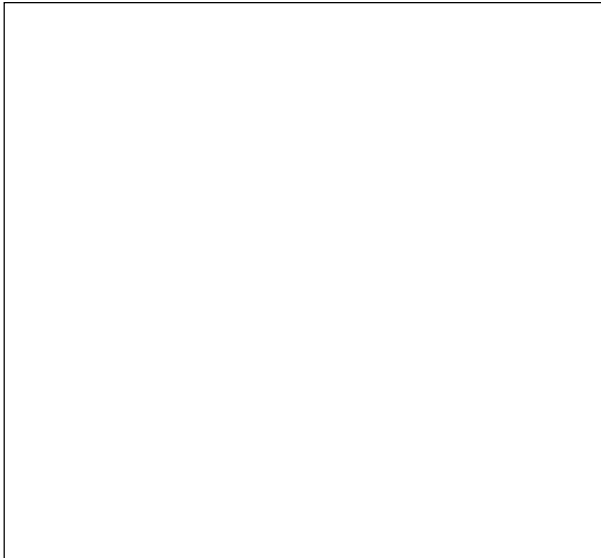
Efficiency: 100%

Upward Ratio: 0%

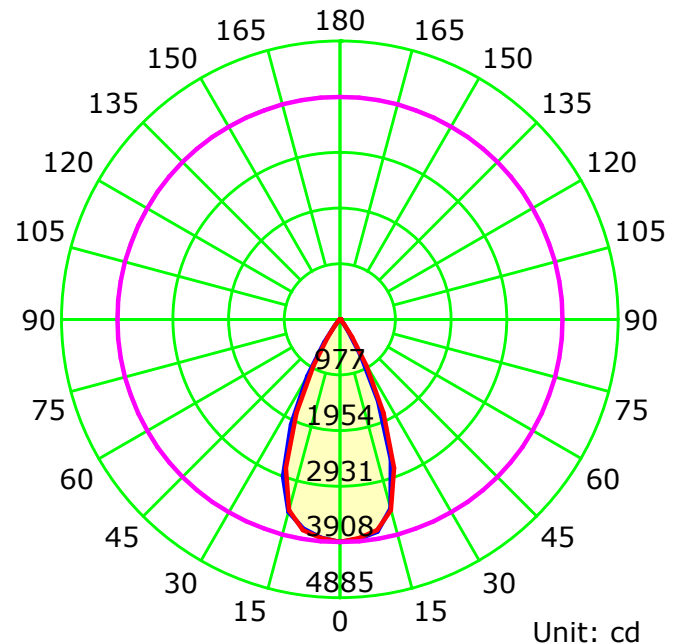
Central Intensity: 3907.22 cd

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

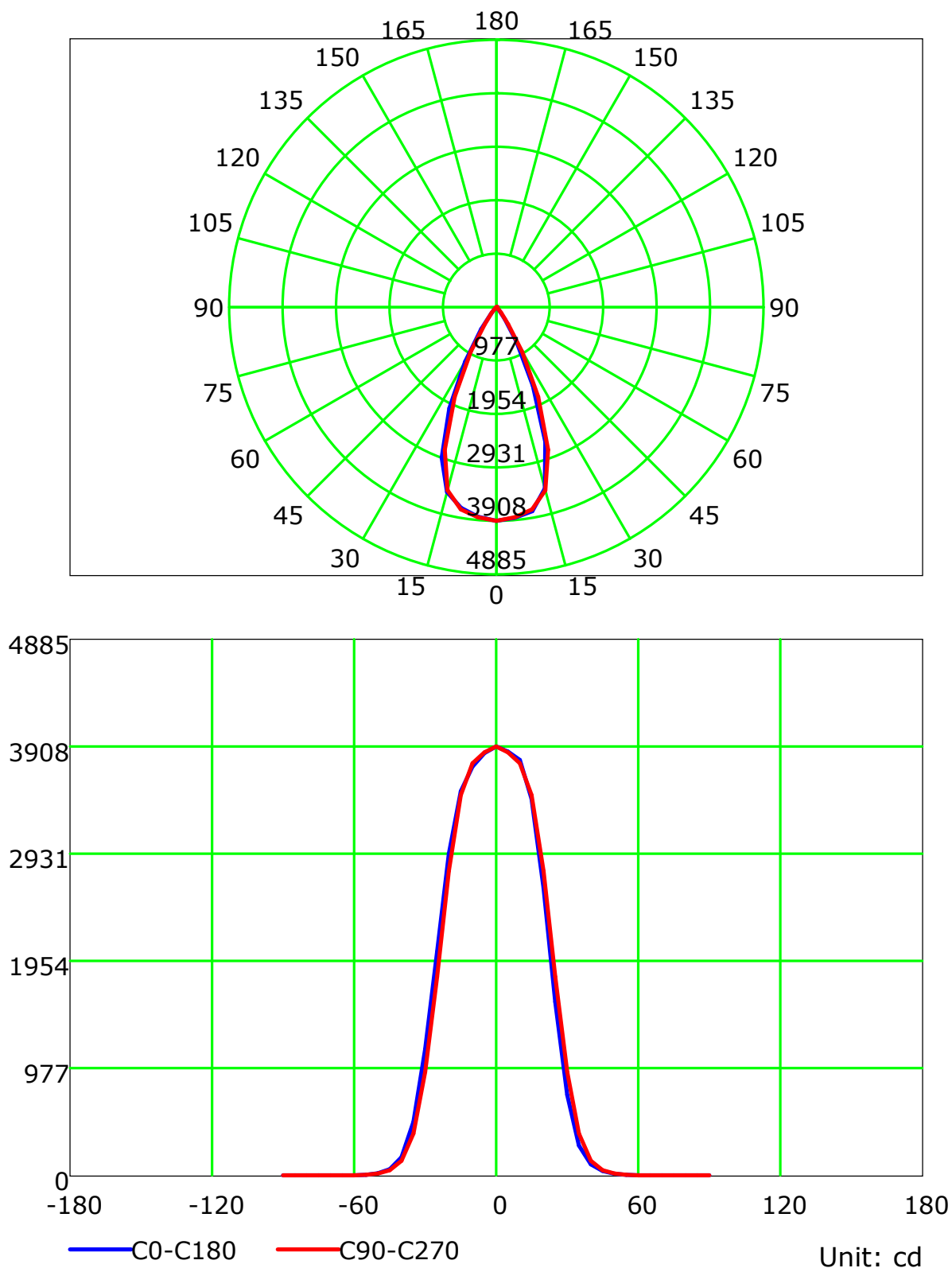
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

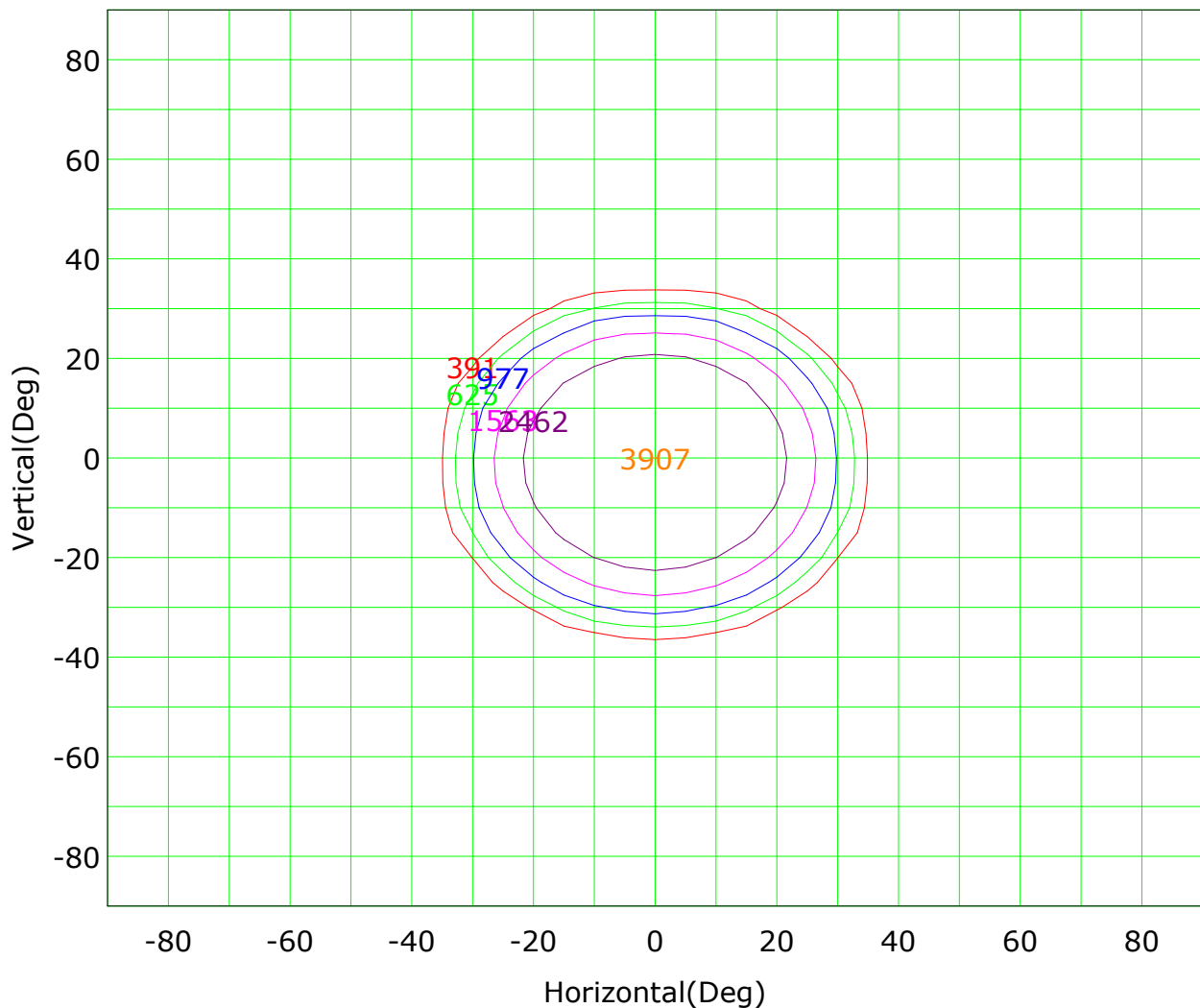
Luminous Intensity Distribution Curve



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%): 3907 cd

(10%): 391 cd	(16%): 625 cd
(25%): 977 cd	(40%): 1563 cd
(63%): 2462 cd	(100%): 3907 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

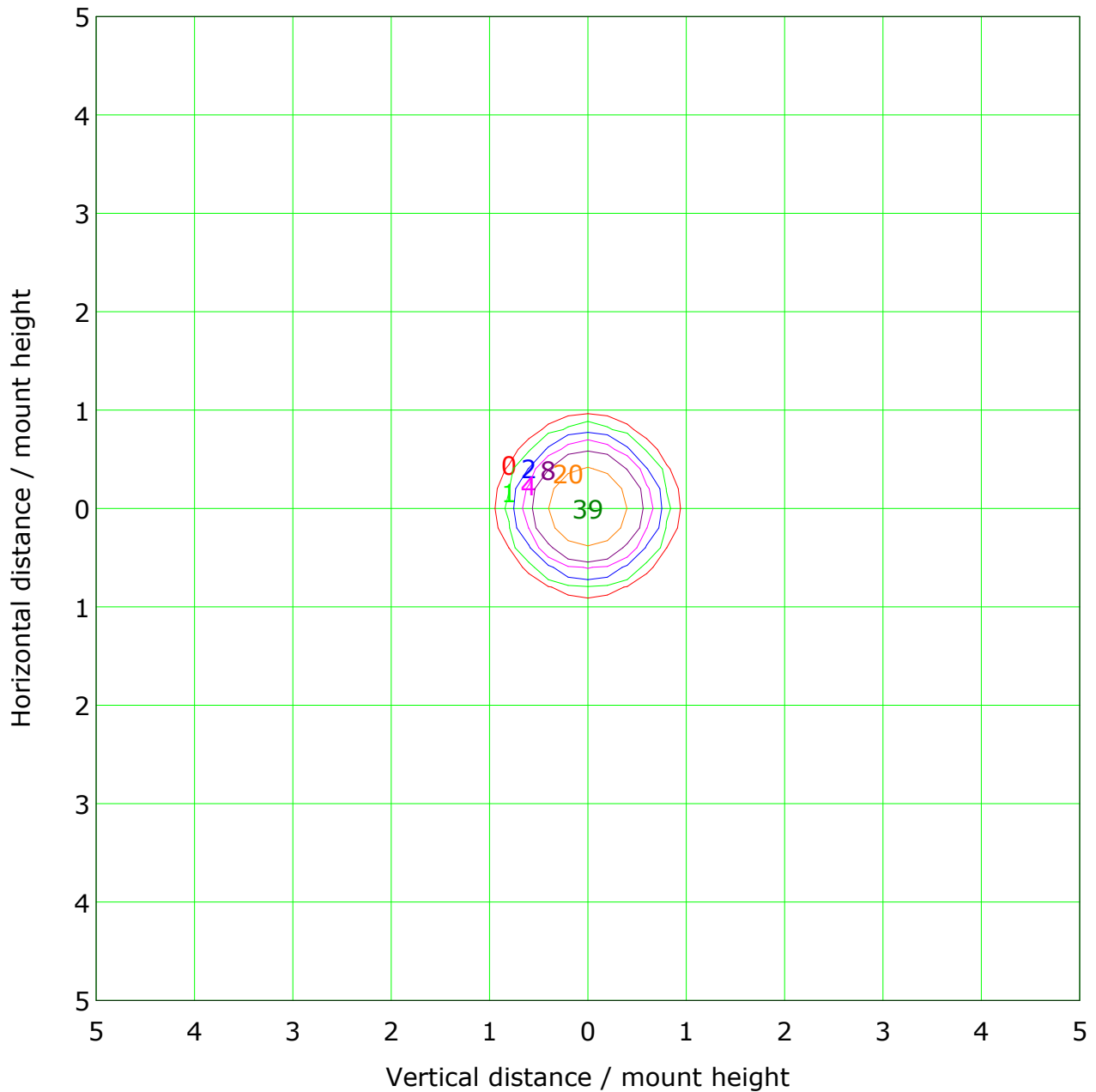
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



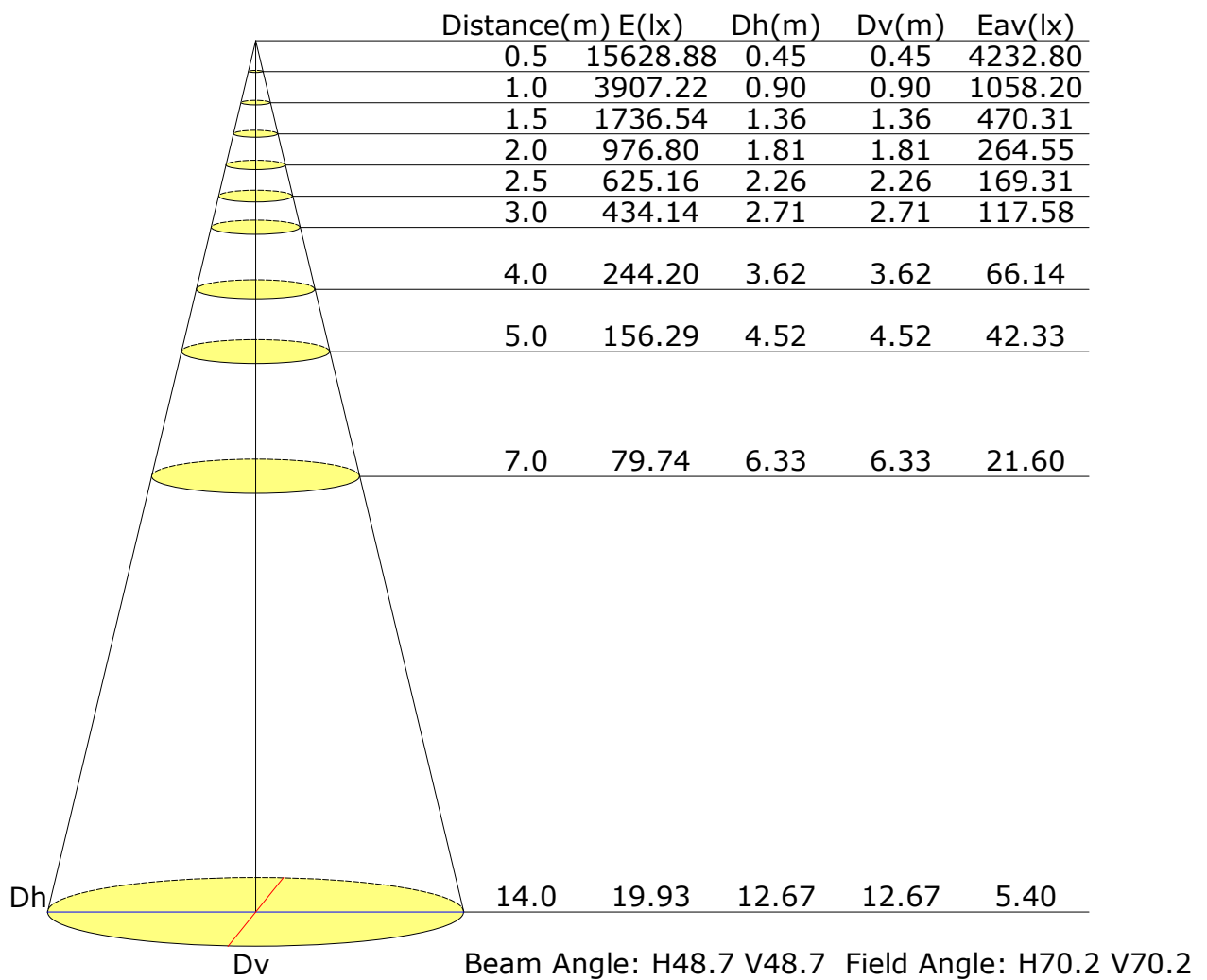
Mounting Height: 10m Max Lux(100%): 39 lx

(1%):	0 lx	(2%):	1 lx
(5%):	2 lx	(10%):	4 lx
(20%):	8 lx	(50%):	20 lx
(100%):	39 lx		

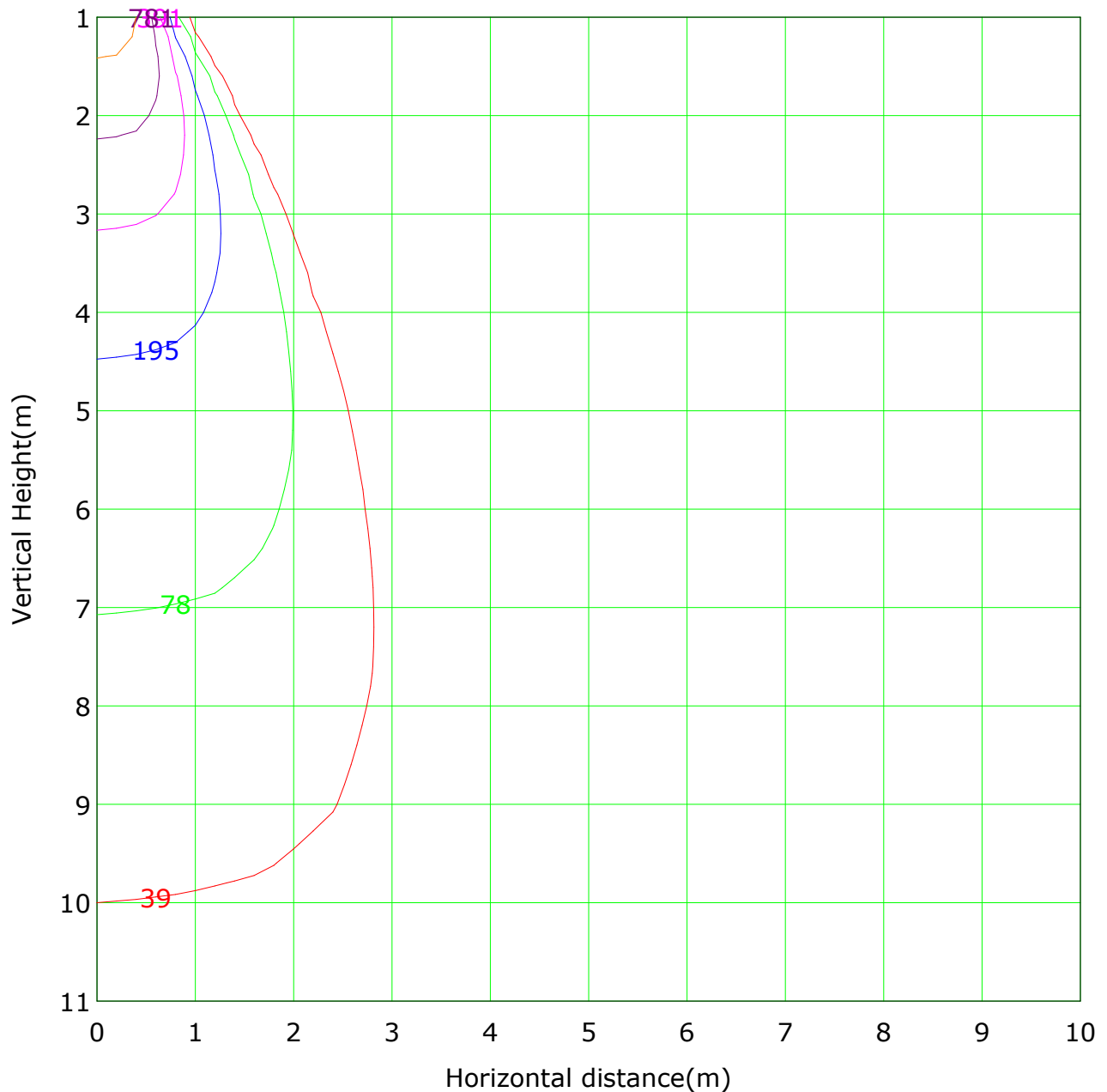
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

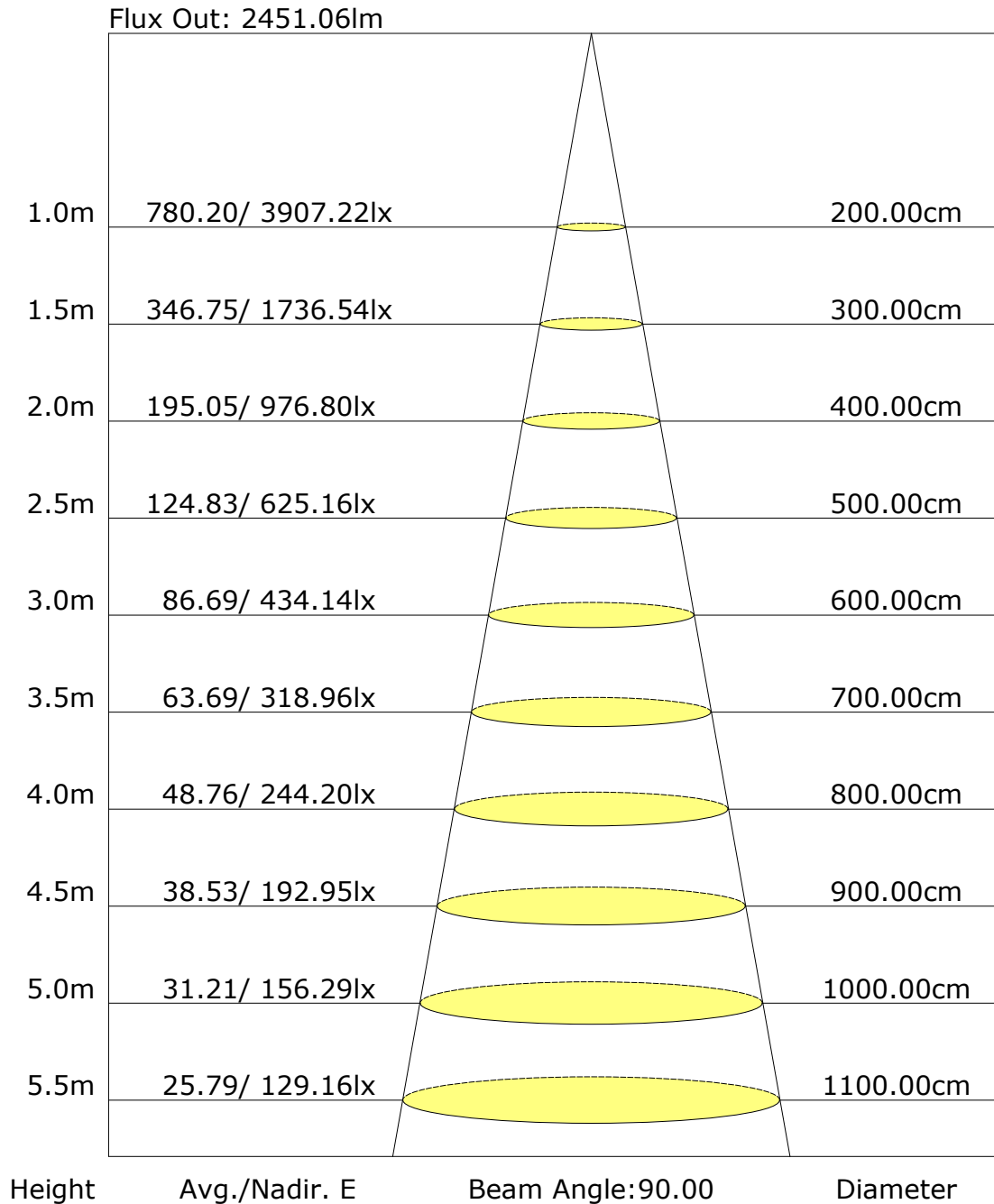


Lowest(m): 1m Highest(m): 11 Max Lux: 3907	
(1%): 39 lx	(2%): 78 lx
(5%): 195 lx	(10%): 391 lx
(20%): 781 lx	(50%): 1954 lx
(100%): 3907 lx	

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: