

Report No.: 62.03517 Track Light

Test Time: 2023-09-07 10:24

Luminaire Property

Luminaire Category: Bridgelux V4 3000K CRI90

Voltage: 218.7 V

Current: 0.071 A

Power: 8.90 W

Power Factor: 0.571

Photometric Results

CIE Class: Direct

Measurement Flux: 612.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H15.6

Vertical Diffuse Angle(50%): V15.6

Luminaire Efficacy Rating (LER): 69

Max. Intensity: 6115.61 cd

Total Rated Lamp Lumens: 612.7 lm

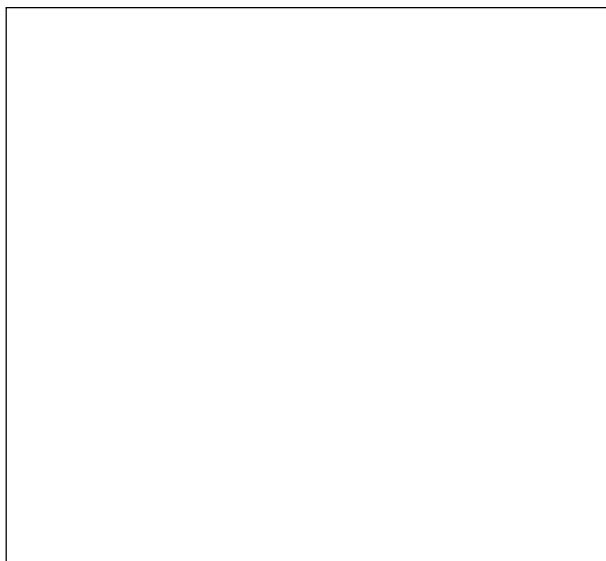
Efficiency: 100%

Upward Ratio: 0%

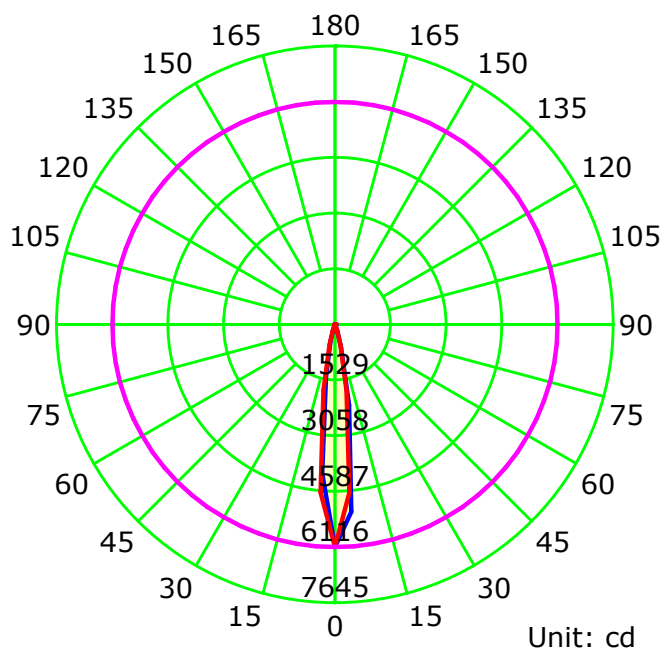
Central Intensity: 6115.6 cd

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

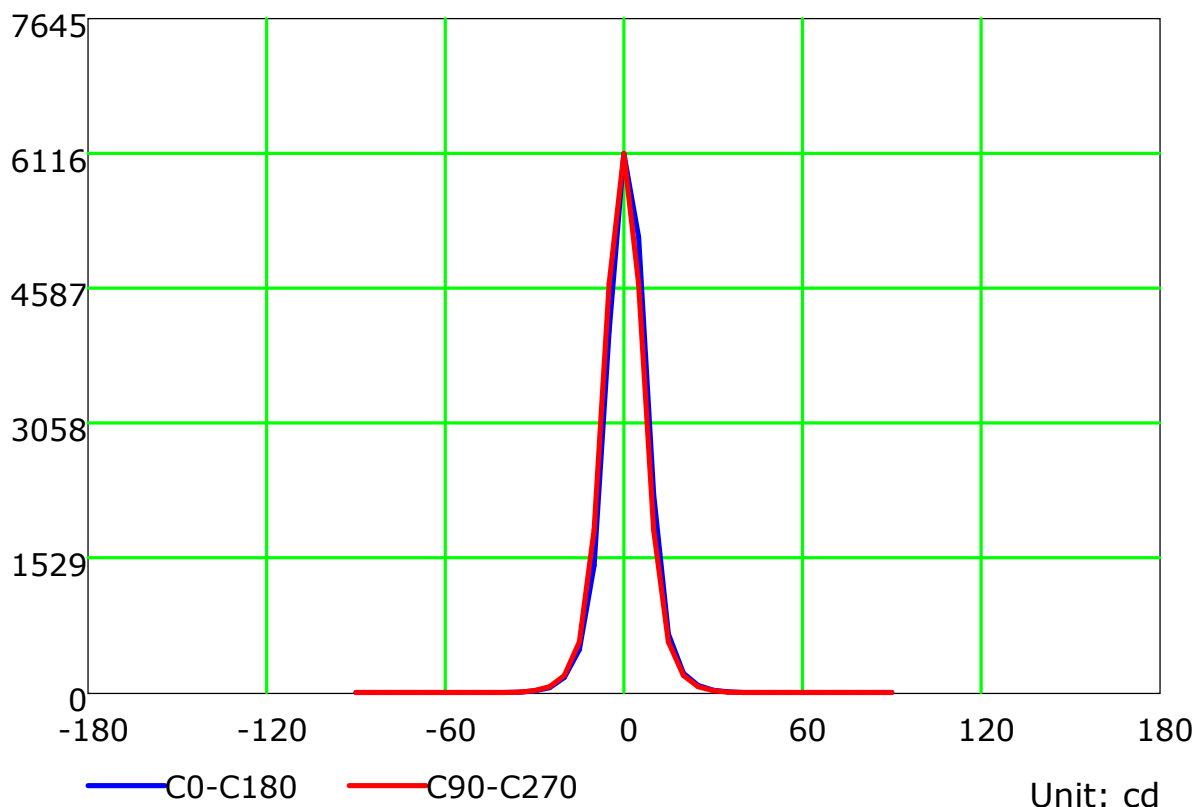
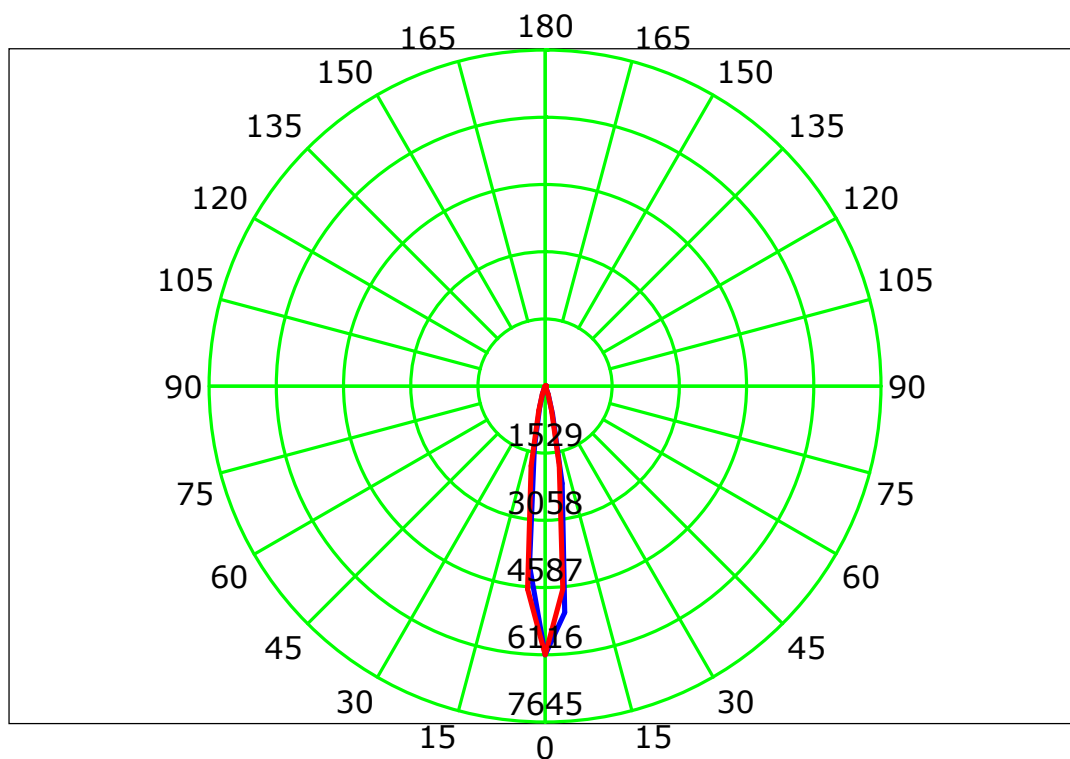
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

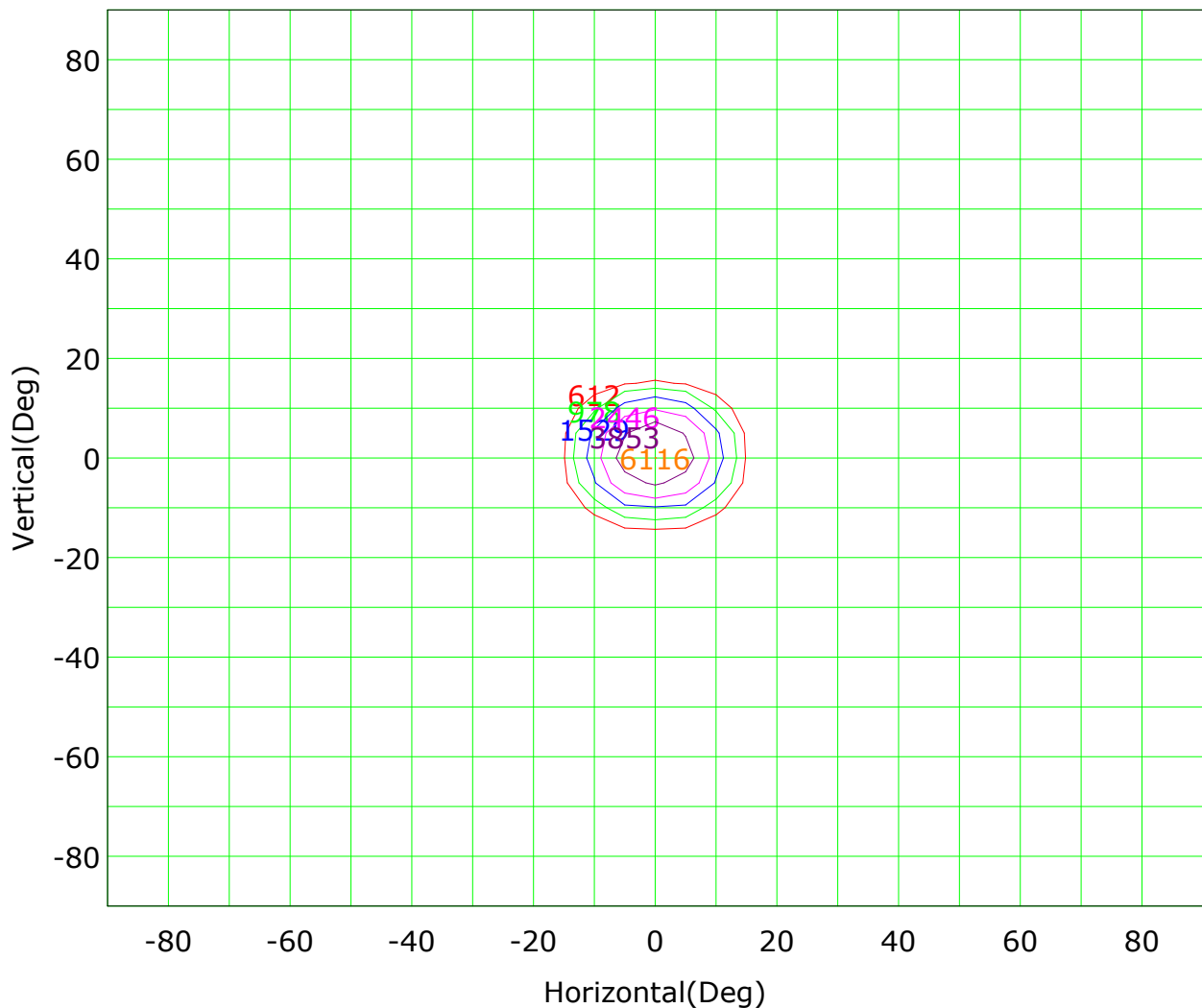
Luminous Intensity Distribution Curve



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%): 6116 cd

(10%): 612 cd	(16%): 978 cd
(25%): 1529 cd	(40%): 2446 cd
(63%): 3853 cd	(100%): 6116 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

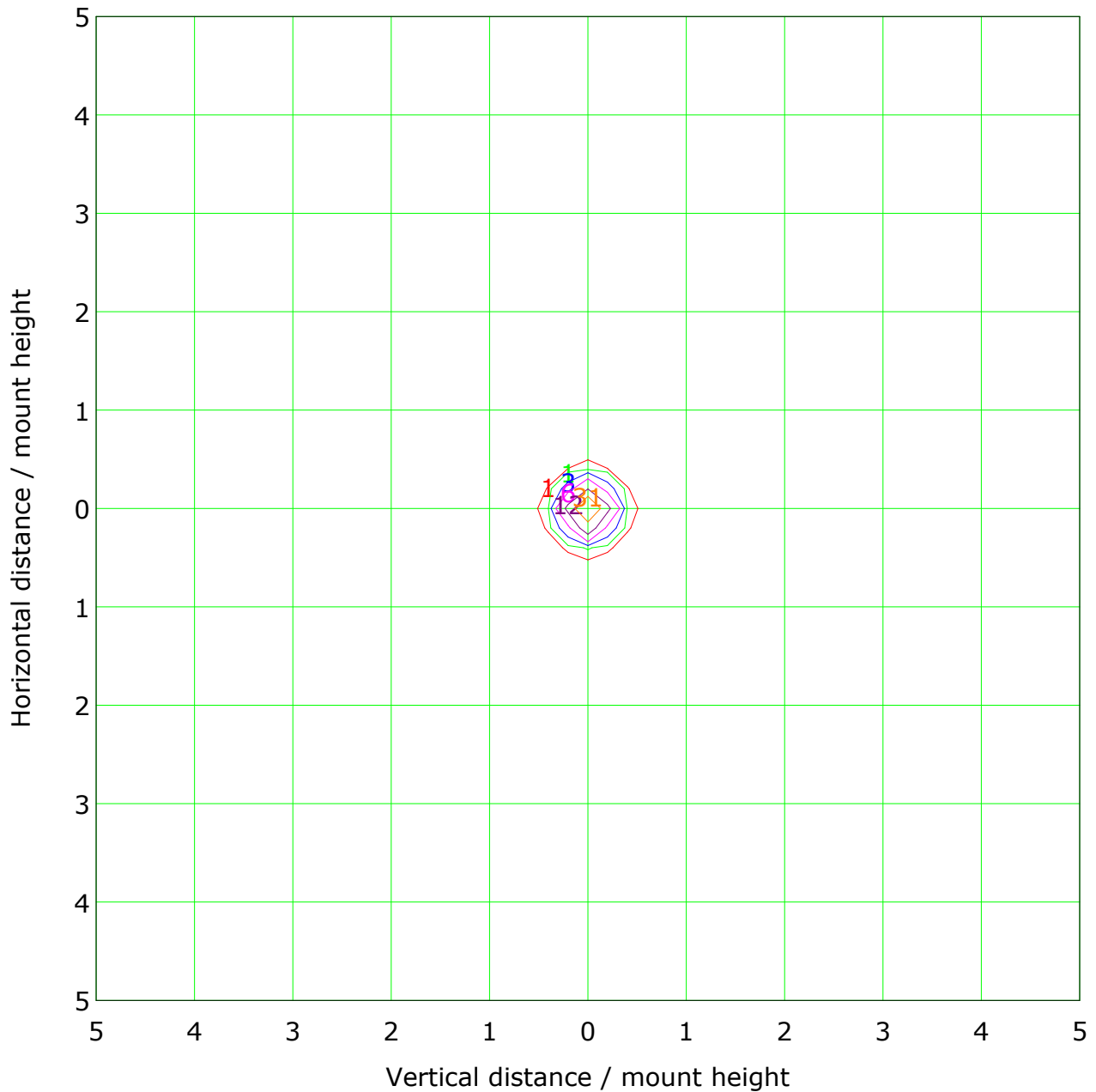
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

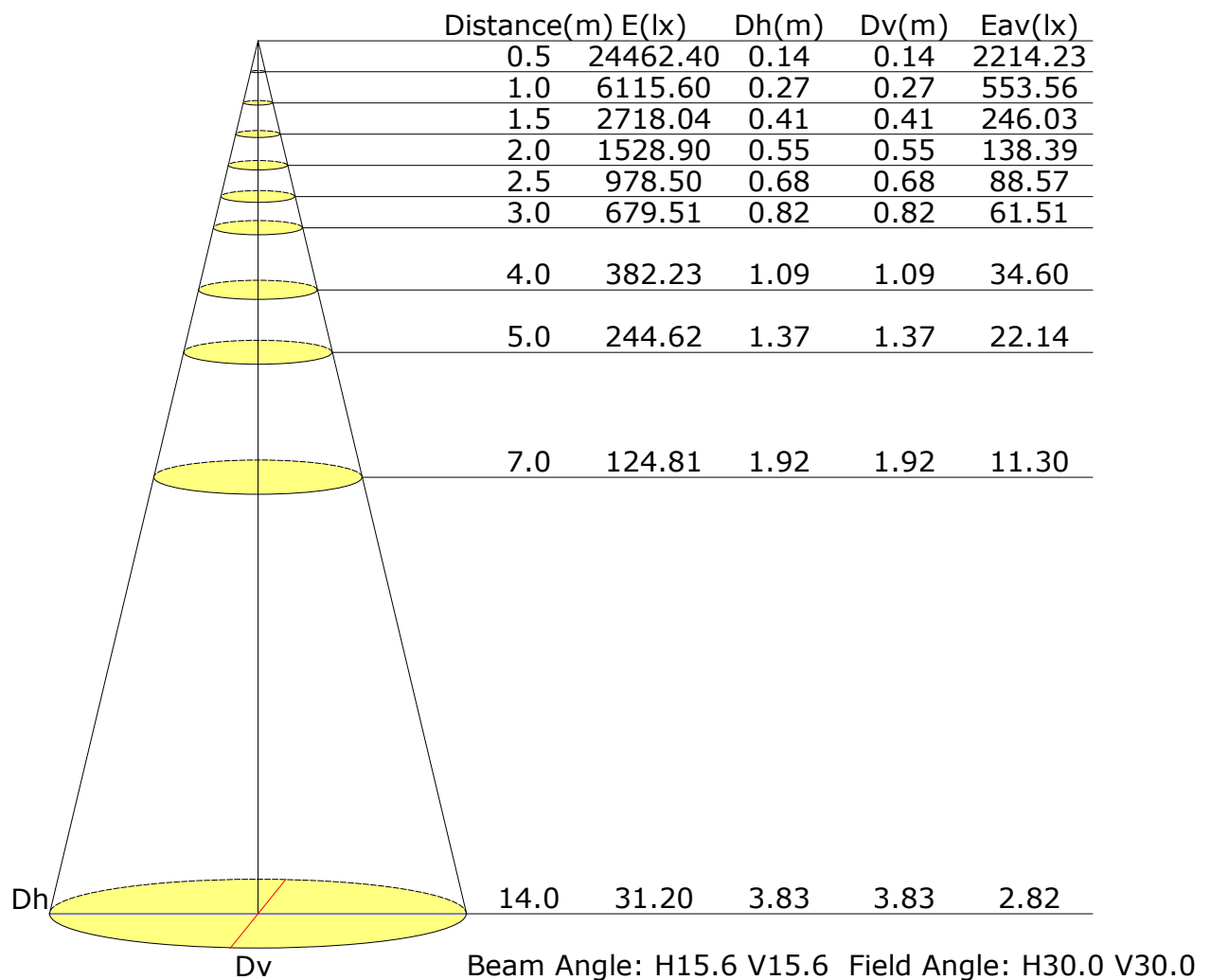


Mounting Height: 10m		Max Lux(100%): 61 lx	
(1%):	1 lx	(2%):	1 lx
(5%):	3 lx	(10%):	6 lx
(20%):	12 lx	(50%):	31 lx
(100%):	61 lx		

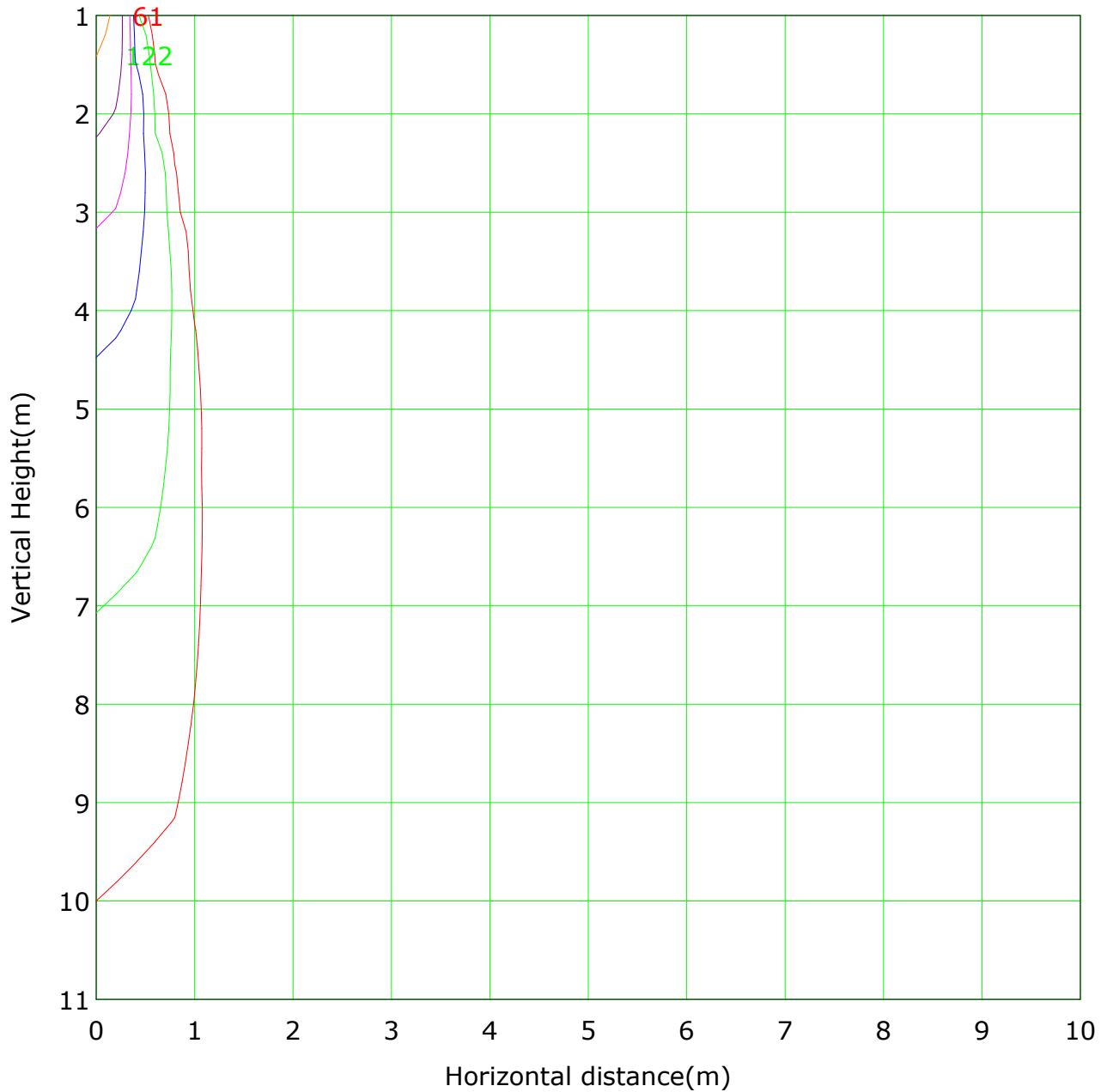
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

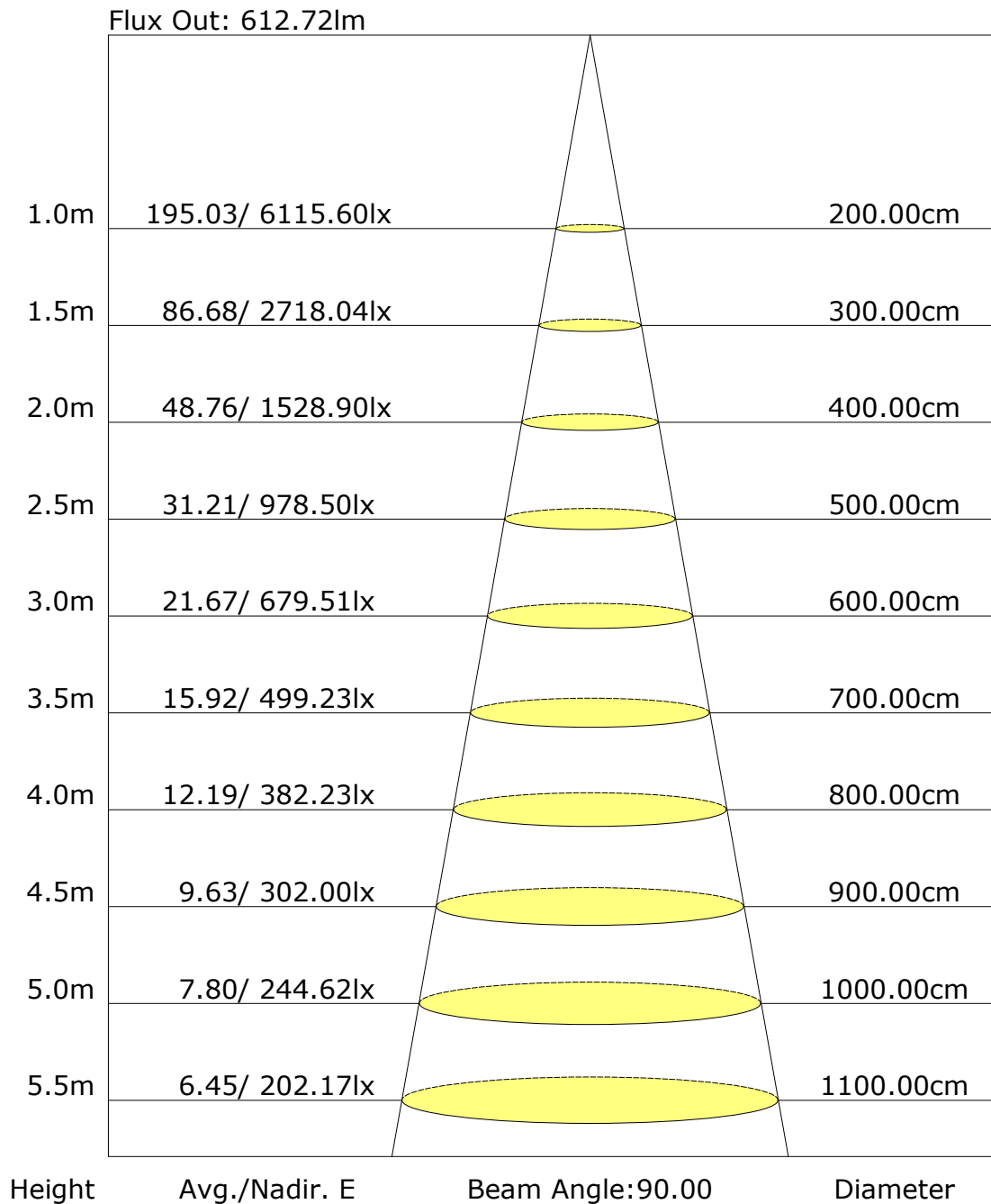


Lowest(m): 1m Highest(m): 11 Max Lux: 6116
— (1%): 61 lx — (2%): 122 lx
— (5%): 306 lx — (10%): 612 lx
— (20%): 1223 lx — (50%): 3058 lx
— (100%): 6116 lx

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: