

Report No.: 62.03517 Track Light

Test Time: 2023-09-07 10:16

Luminaire Property

Luminaire Category: Bridgelux V4 3000K CRI90

Voltage: 221.0 V

Current: 0.073 A

Power: 9.00 W

Power Factor: 0.562

Photometric Results

CIE Class: Direct

Measurement Flux: 561.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H49.2

Vertical Diffuse Angle(50%): V49.2

Luminaire Efficacy Rating (LER): 62

Max. Intensity: 922.87 cd

Total Rated Lamp Lumens: 561.1 lm

Efficiency: 100%

Upward Ratio: 0%

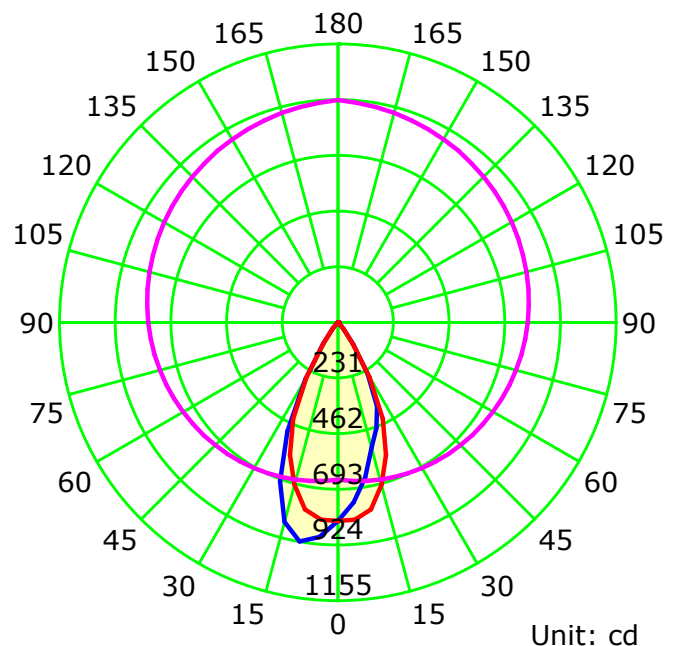
Central Intensity: 824 cd

Pos of Max. Intensity: H180 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G10

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

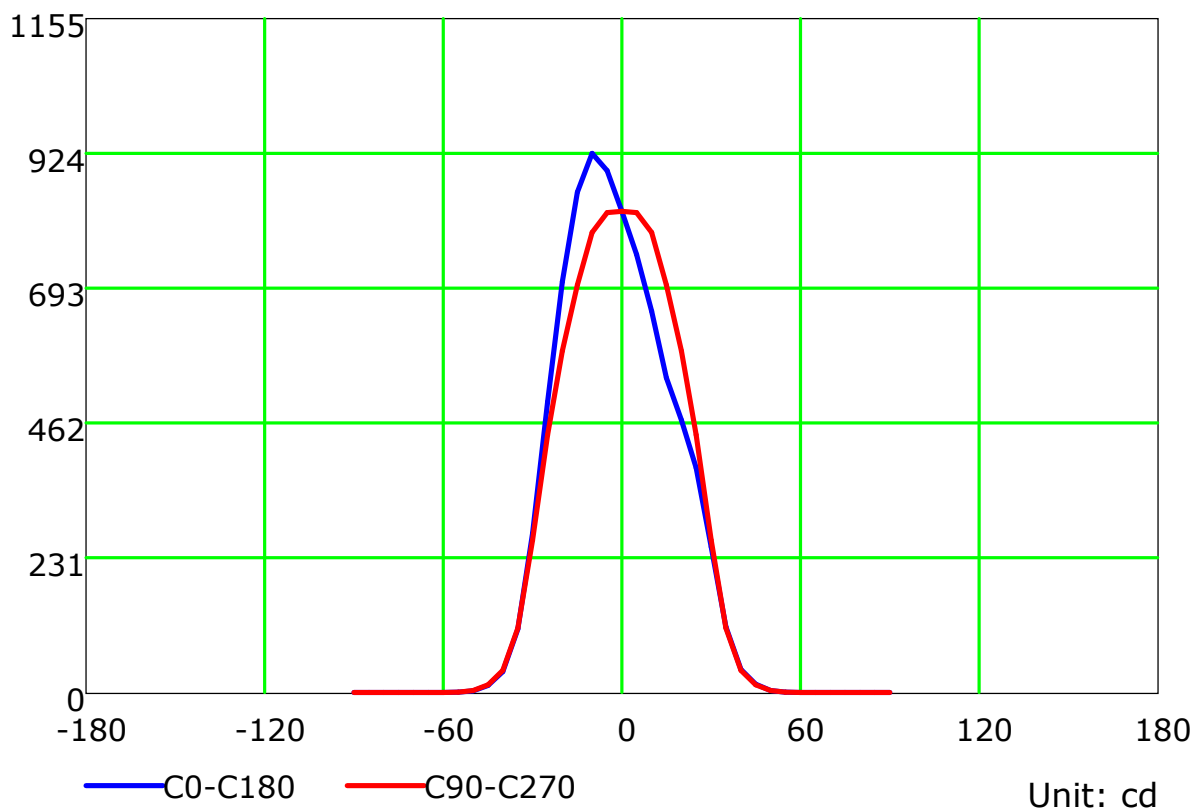
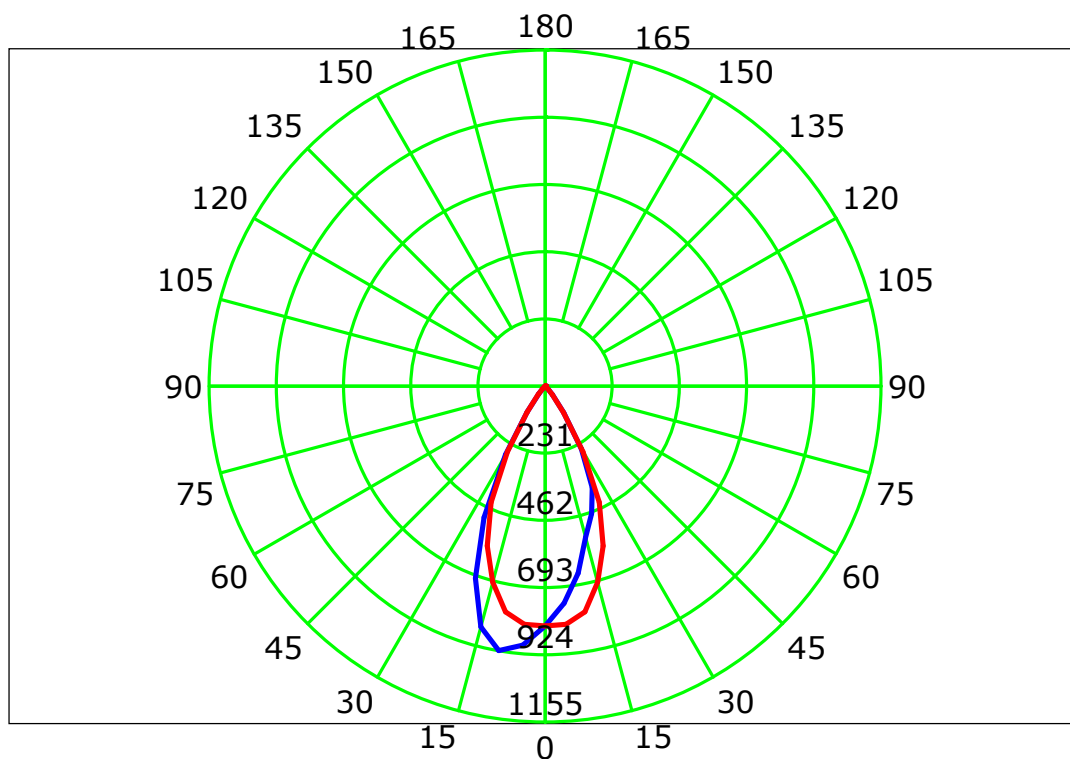
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

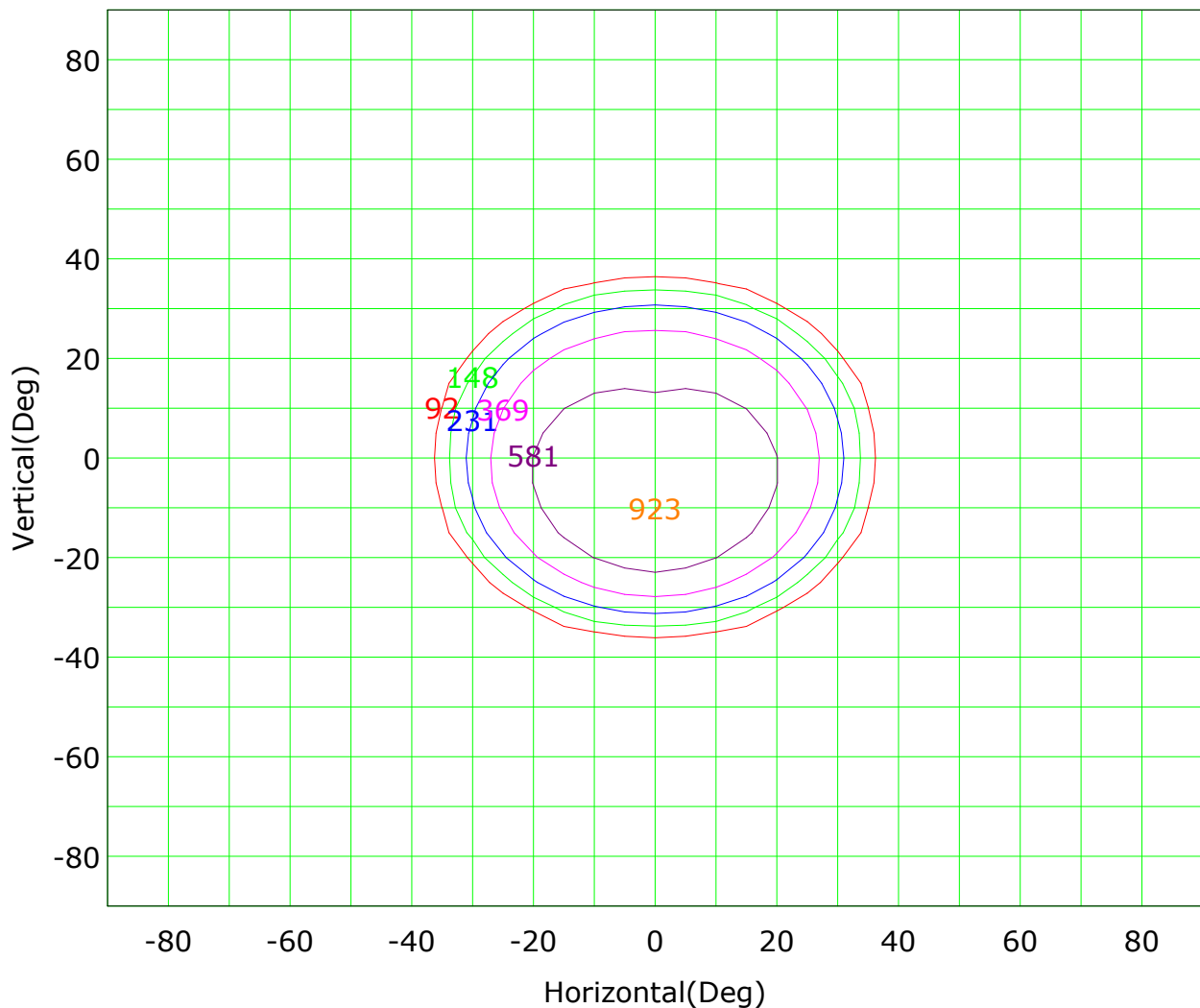
Luminous Intensity Distribution Curve



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%): 923 cd

(10%):	92 cd	(16%):	148 cd
(25%):	231 cd	(40%):	369 cd
(63%):	581 cd	(100%):	923 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

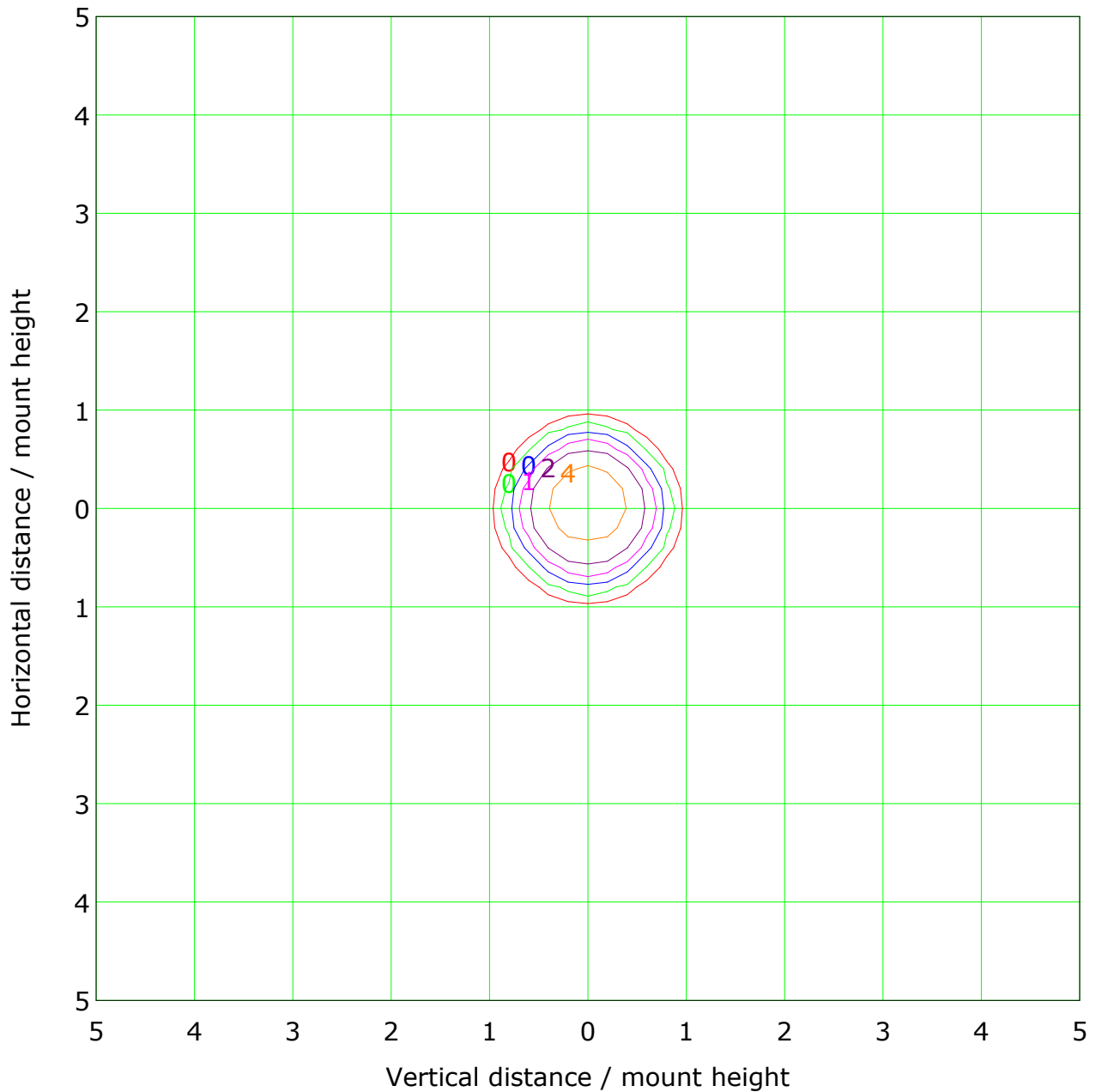
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

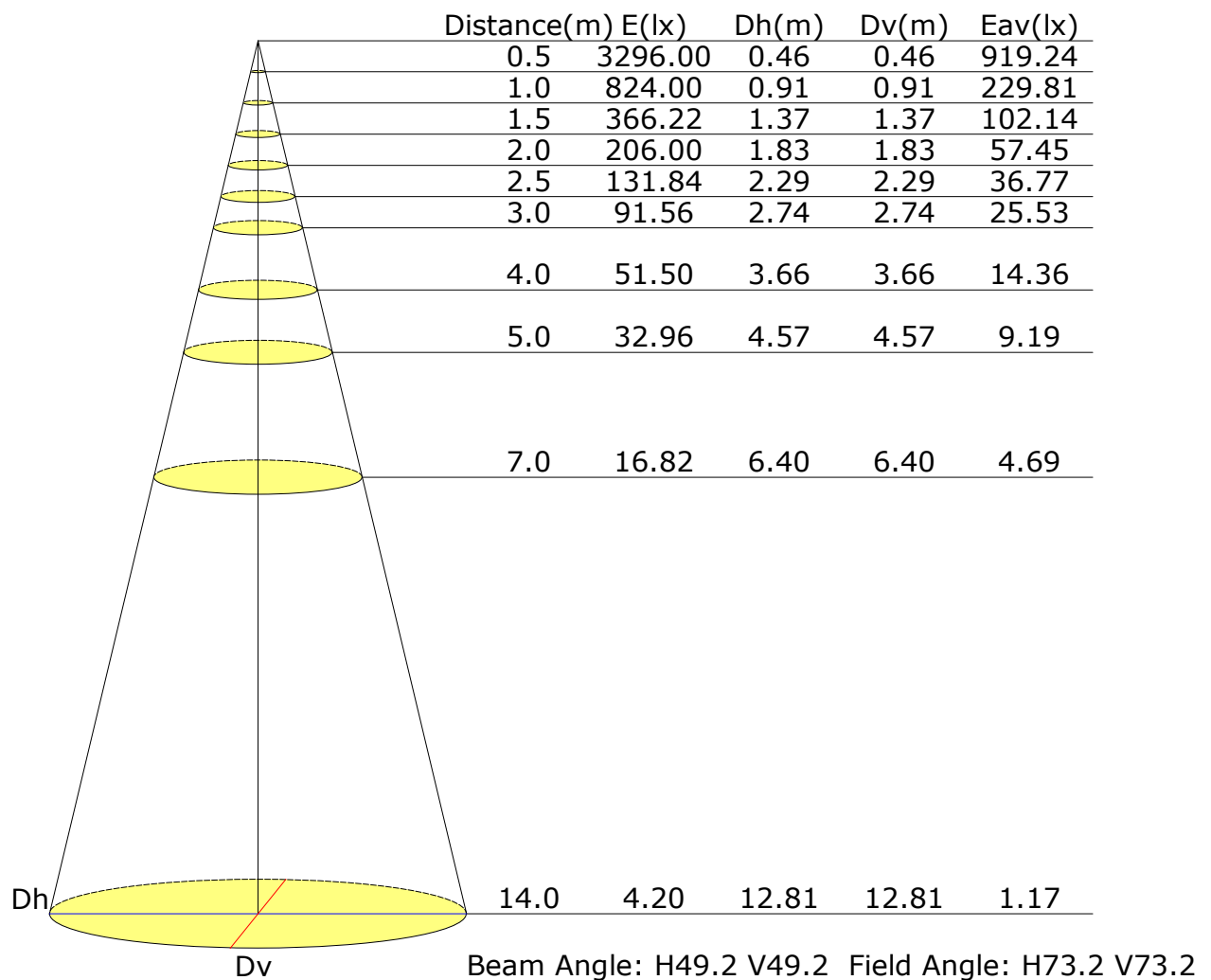


Mounting Height: 10m		Max Lux(100%): 9 lx	
(1%):	0 lx	(2%):	0 lx
(5%):	0 lx	(10%):	1 lx
(20%):	2 lx	(50%):	4 lx
(100%):	9 lx		

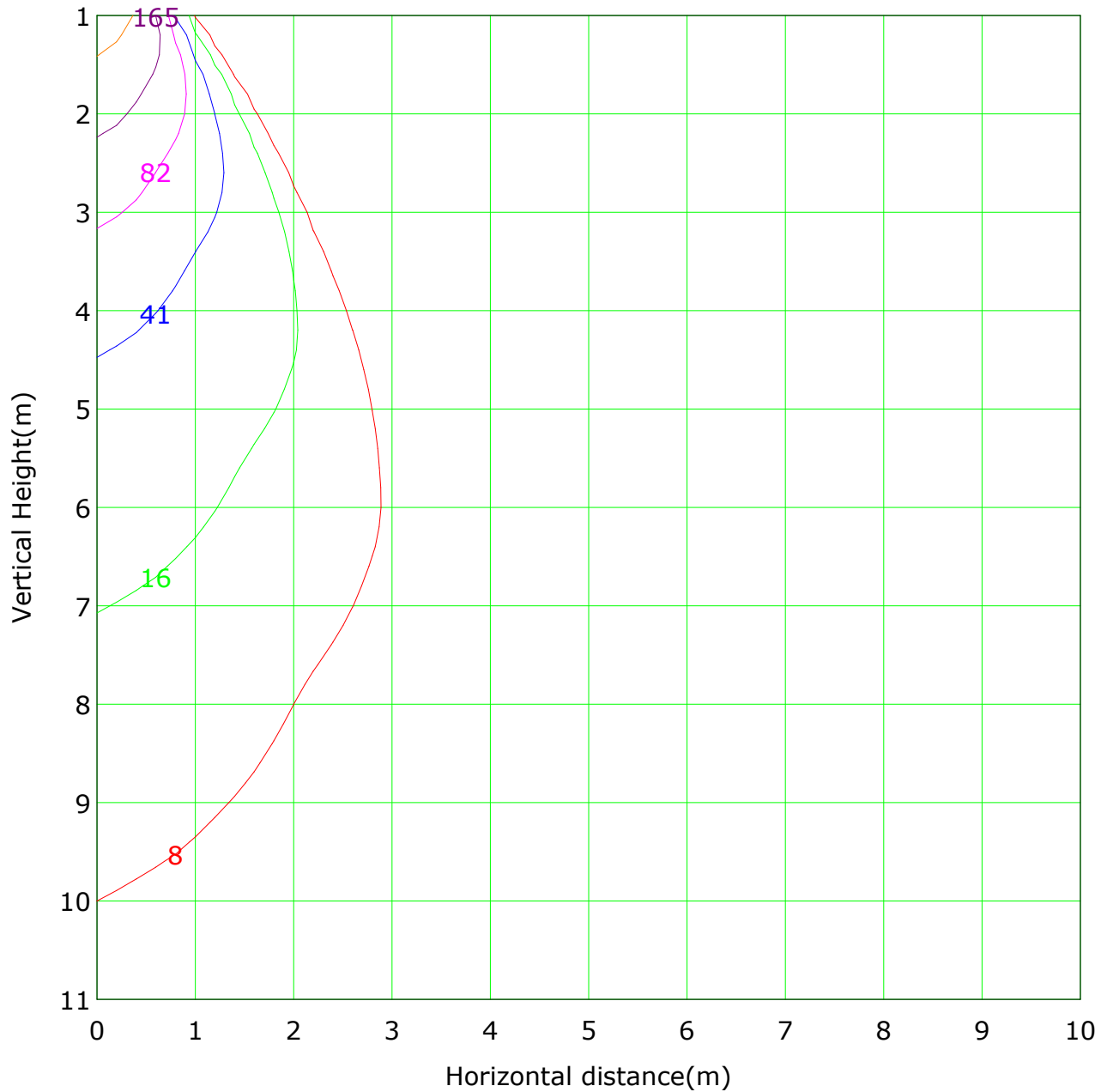
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



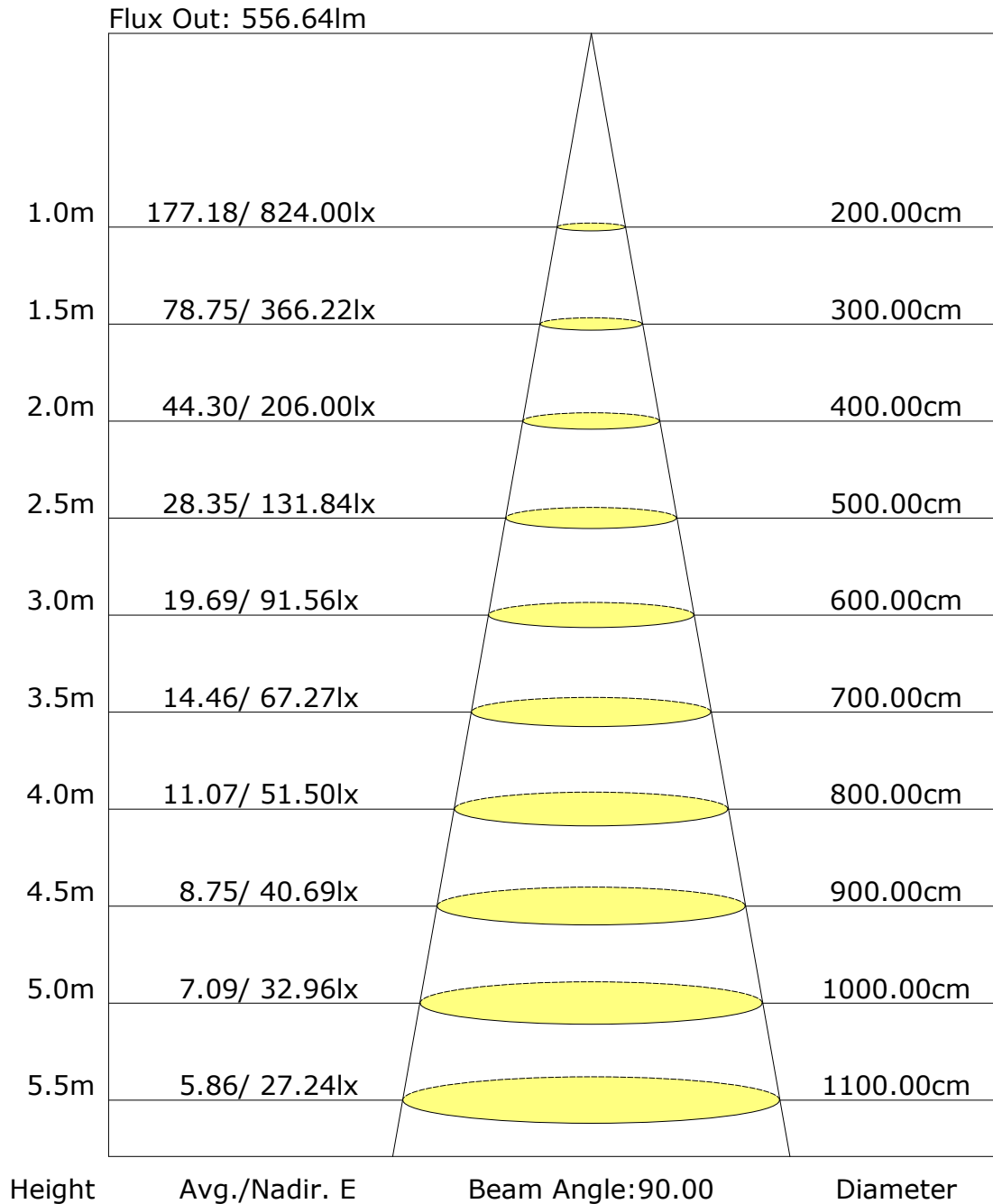
Lowest(m): 1m Highest(m): 11 Max Lux: 824

(1%): 8 lx	(2%): 16 lx
(5%): 41 lx	(10%): 82 lx
(20%): 165 lx	(50%): 412 lx
(100%): 824 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: