

Report No.: 31.08412 Action Track light

Test Time: 2023-09-26 19:59

Luminaire Property

Luminaire Category: Bridgelux F90 V13C 3000K CRI90

Voltage: 228.1 V

Current: 0.188 A

Power: 41.40 W

Power Factor: 0.963

Photometric Results

CIE Class: Direct

Measurement Flux: 4535.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H52

Vertical Diffuse Angle(50%): V52

Luminaire Efficacy Rating (LER): 110

Max. Intensity: 6772.05 cd

Total Rated Lamp Lumens: 4535.7 lm

Efficiency: 100%

Upward Ratio: 0%

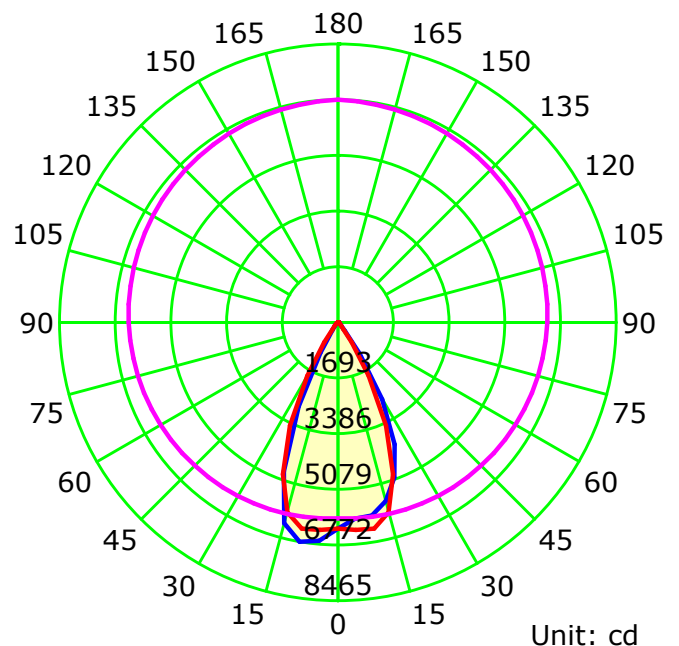
Central Intensity: 6270.59 cd

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

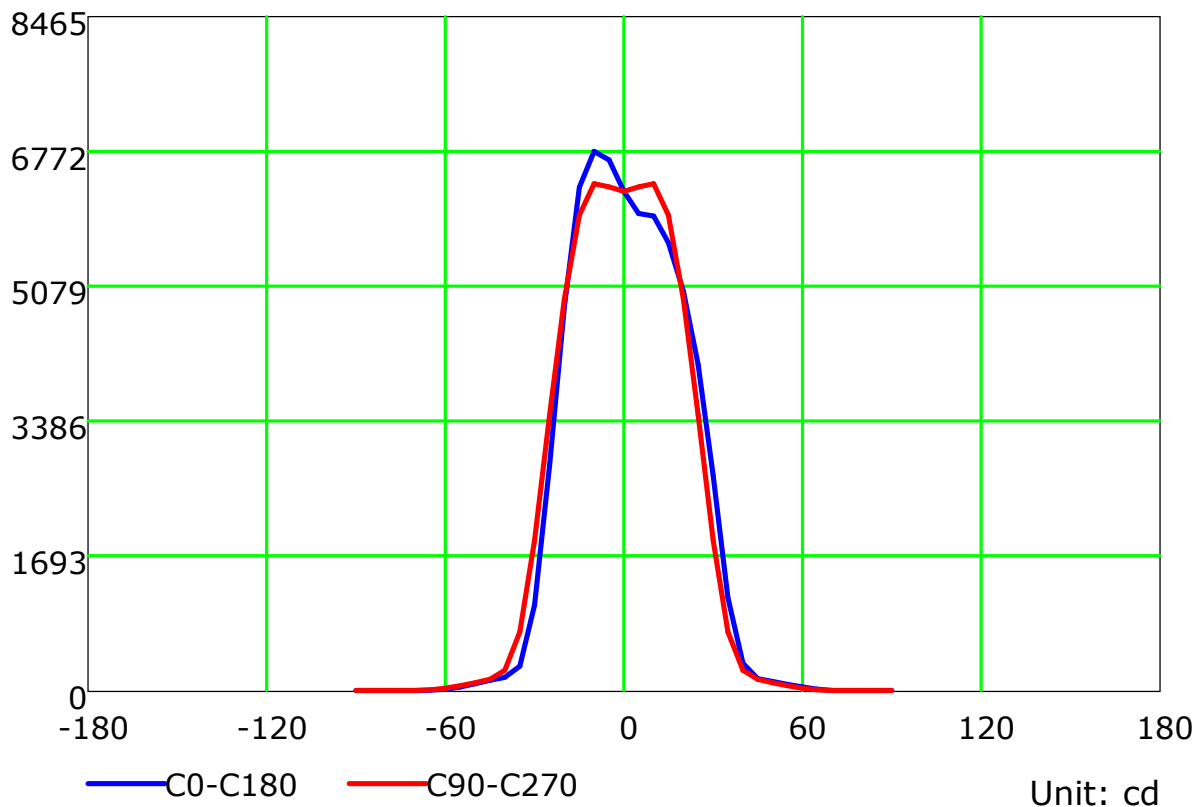
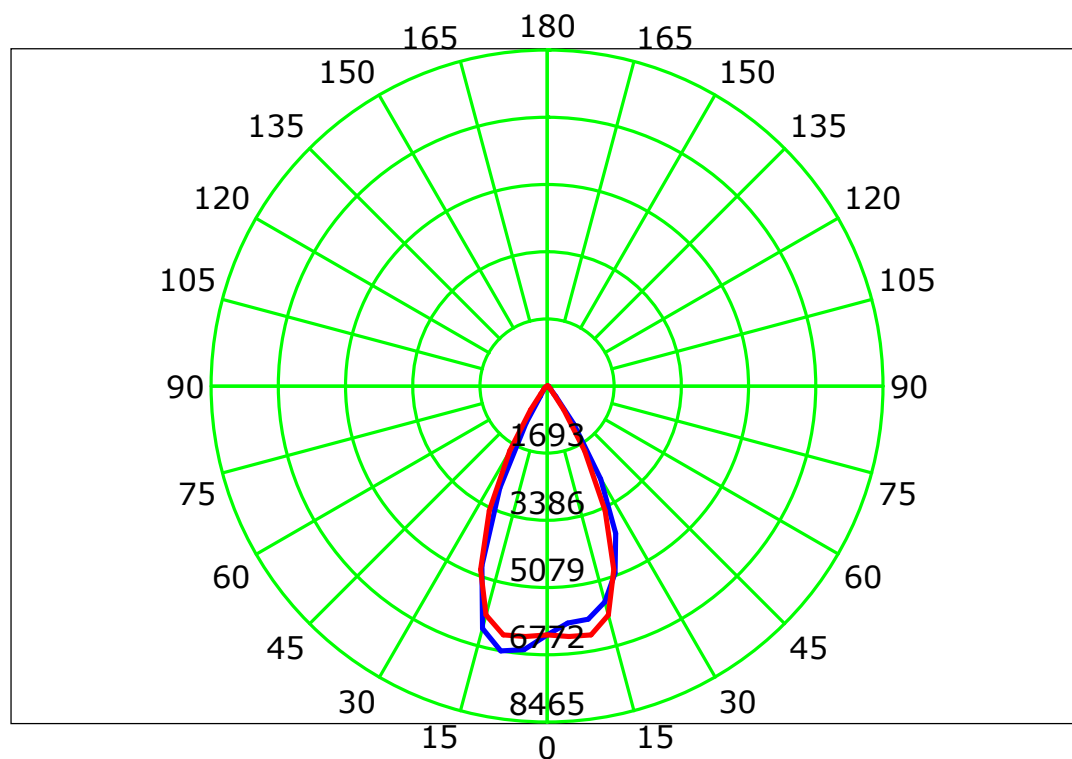
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

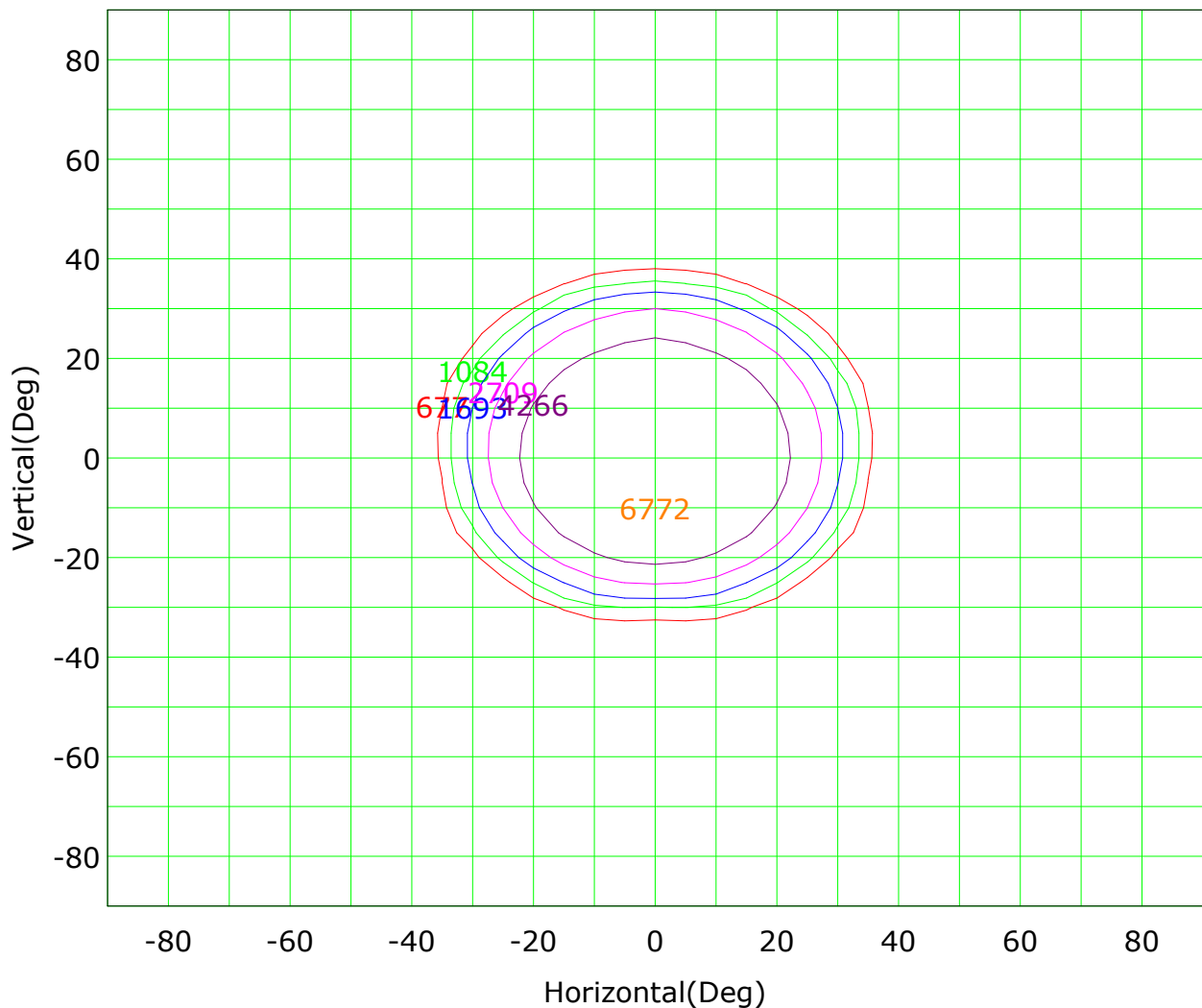
Luminous Intensity Distribution Curve



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%): 6772 cd

(10%): 677 cd	(16%): 1084 cd
(25%): 1693 cd	(40%): 2709 cd
(63%): 4266 cd	(100%): 6772 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

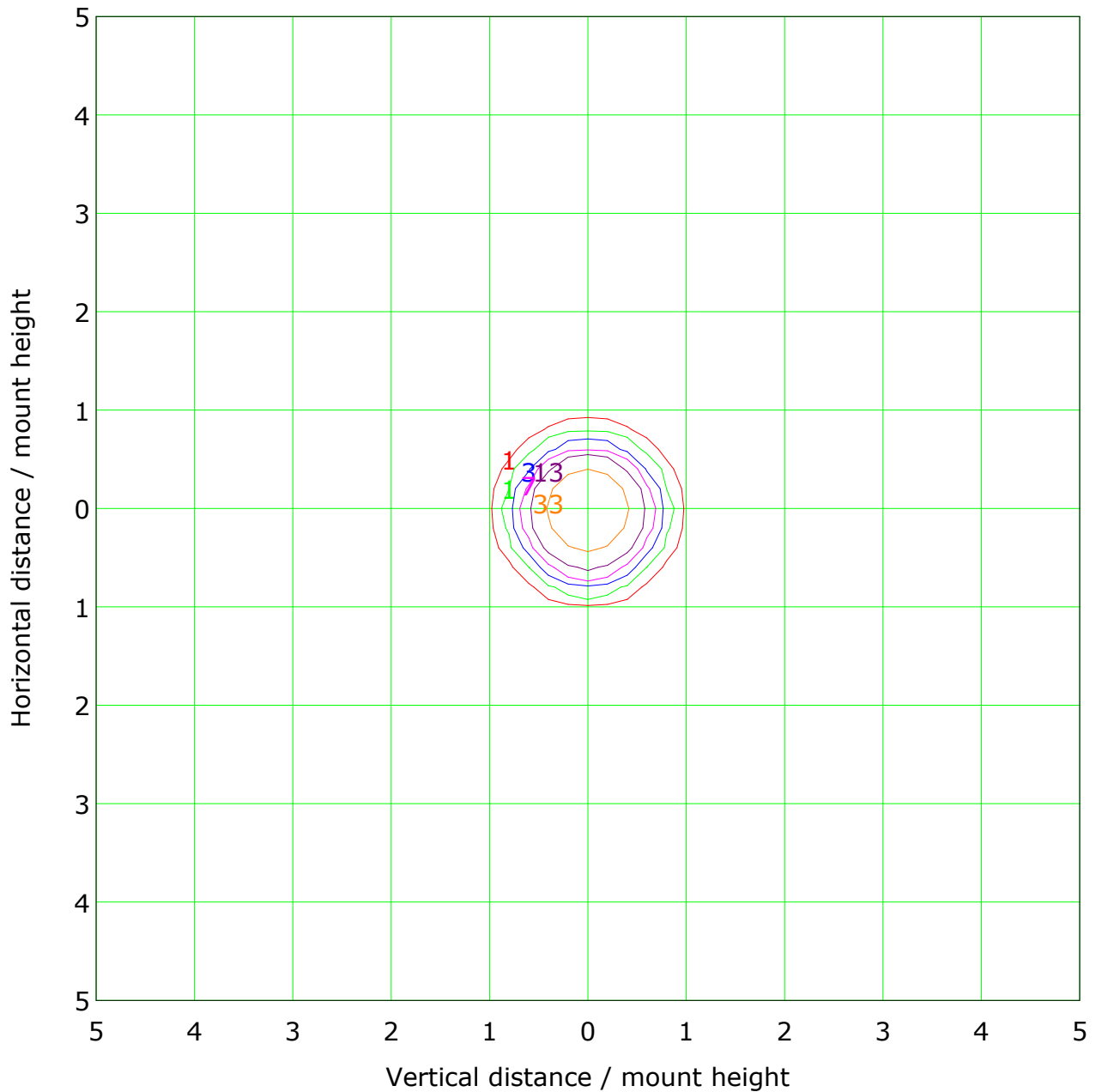
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

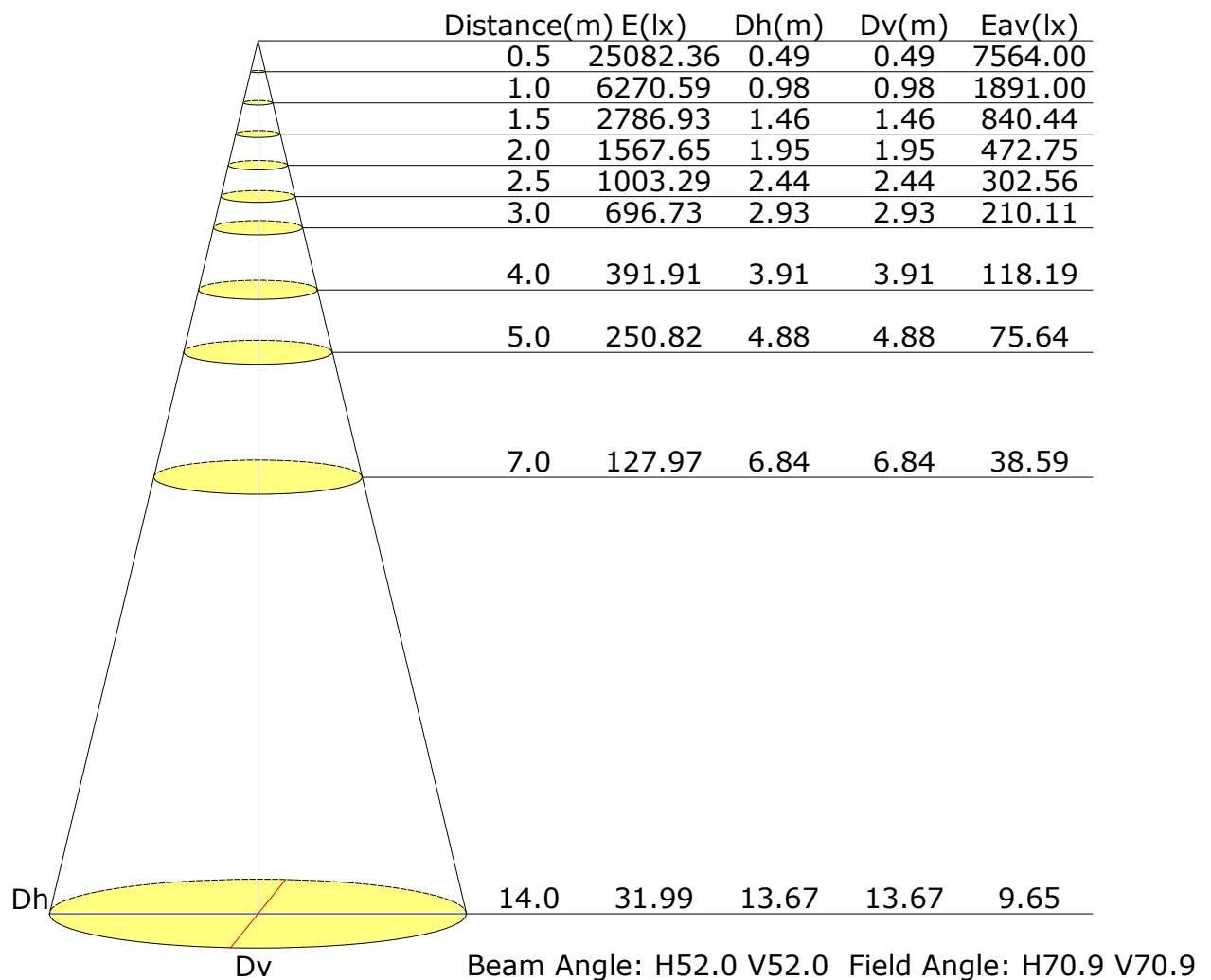


Mounting Height: 10m		Max Lux(100%): 66 lx	
(1%):	1 lx	(2%):	1 lx
(5%):	3 lx	(10%):	7 lx
(20%):	13 lx	(50%):	33 lx
(100%):	66 lx		

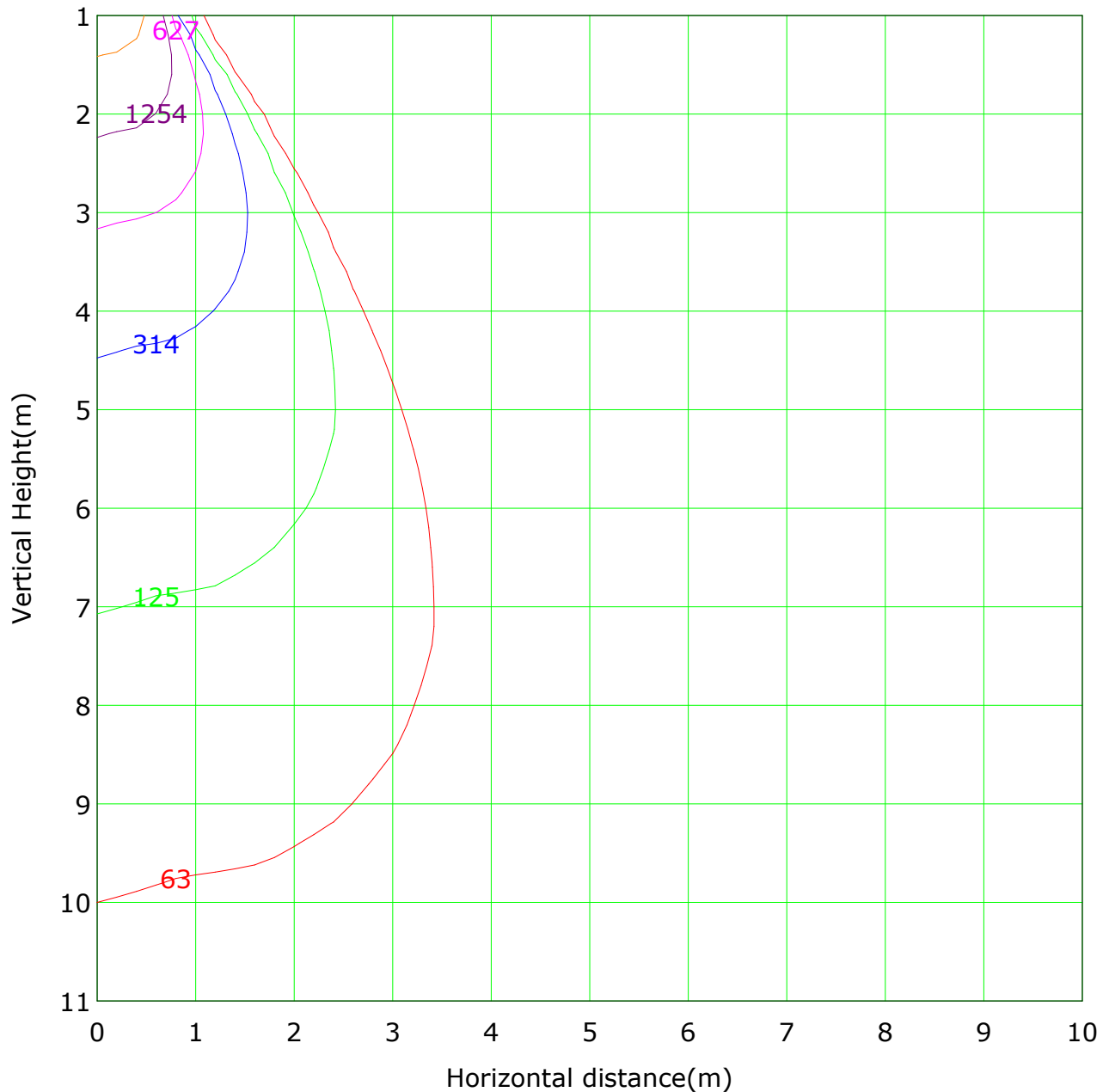
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

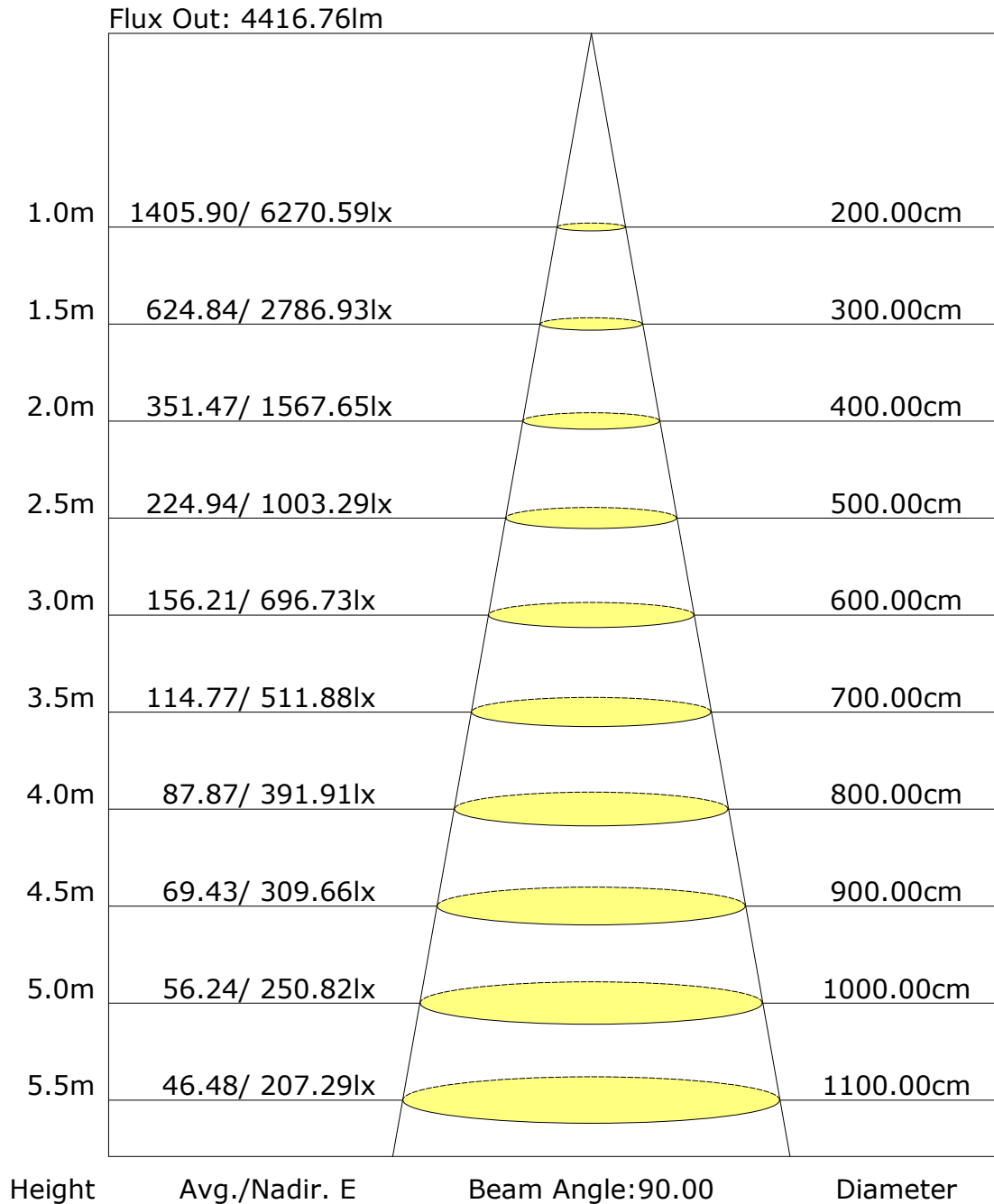


Lowest(m): 1m Highest(m): 11 Max Lux: 6271
— (1%): 63 lx — (2%): 125 lx
— (5%): 314 lx — (10%): 627 lx
— (20%): 1254 lx — (50%): 3135 lx
— (100%): 6271 lx

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: