Mercurio TVP Spotlight-White 3200°K-31°-Spring Fixing

£100.38
Excl. Tax: £83.65

Product Images



Short Description

The Mercurio spotlight range builds on the excellent foundations laid by the Plutone range and the contains some of our most advanced LED technology. The Mercurio TVP is a compact and powerful fitting featuring a 3 watt LED module. The Nichia™ LED chip produces a very high quality LED output with an average colour rendering index of 95. The spotlight is waterproof from both the front and rear and is available in various lens angles and colour temperatures. Mercurio is made from anodised aluminium with a black finish as standard, other colours are available on request. This particular model features an all-glass front, ensuring that it works in many interior or exterior styles.

- Interior & exterior spotlight
- Excellent anti-glare properties with recessed LED source
- Black anodised aluminium body
- Custom finishes available on request
- Tempered glass lens
- Anodised aluminium heatsink
- Multiple lens angles available
- Available in numerous white colour temperatures as well as red
- CRI>90
- Fixing with either springs or an installation cup (interference)

This fitting can be specified with either springs or an installation cup. The installation cup is a marine solution, designed to be incorporated into the fibreglass or other structure during the yacht build. The light then is then simply pushed into the cup, being held in place by interference. In this installation method, the fitting has no springs but a gasket instead to aid a good press fit.

Description







Heat Dissipation

Heat dissipation is key to the performance and longevity of LED lighting. Our Power LED modules have been carefully designed to ensure that the heat is taken away from the LED chips and dissipated through the incorporated heat sink designed into the product housing.

Circuit board temperatures are closely monitored during the development phase of each product and appropriate heat dissipation can then be accurately calculated to ensure that product will continue to perform for many years

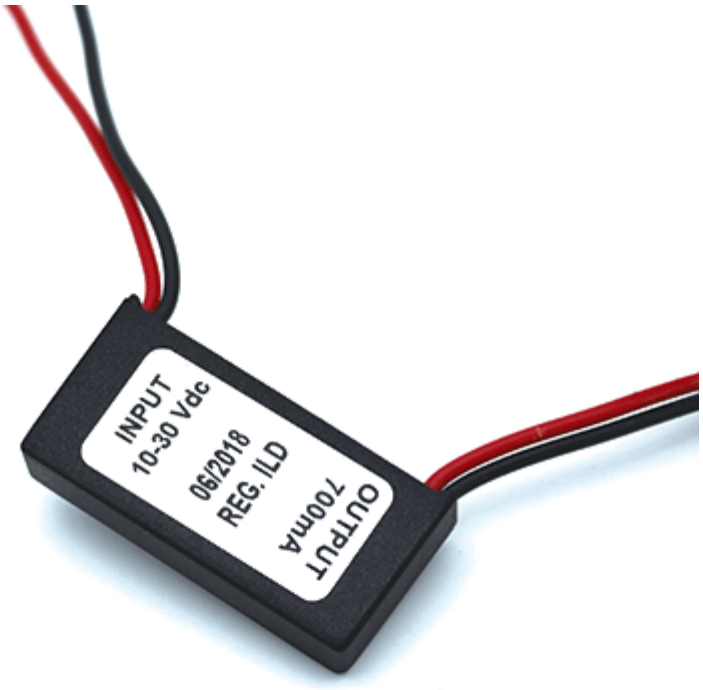
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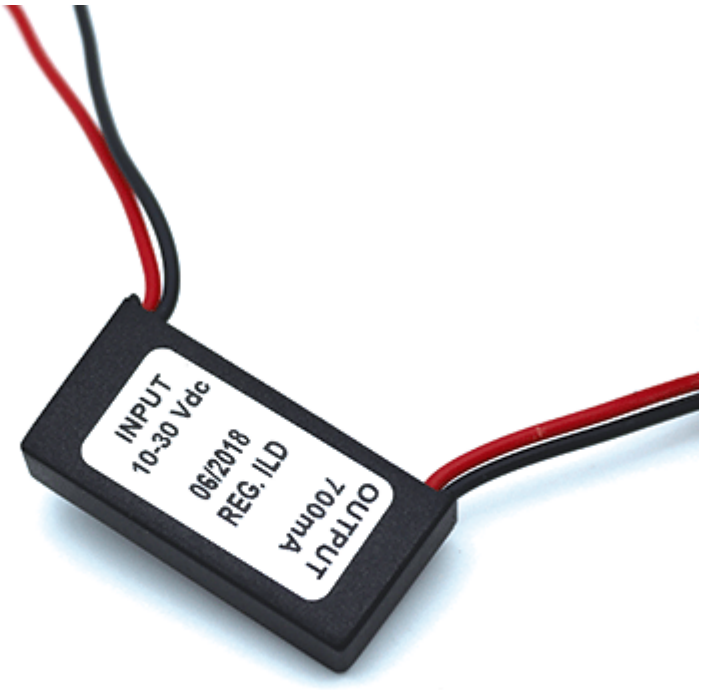
Power Regulator

The 10-30Vdc power regulator is always a remote item on the power cable of the fitting. This offers numerous advantages over alternative methods used by competitor brands. Keeping the power regulator separate reduces heat build-up on the LED circuit board and therefore increases performance and longevity of the

LEDs.

Remote regulators can also be easily removed so that the product can be powered directly with the correct amperage, very useful for integration in some mains voltage applications.

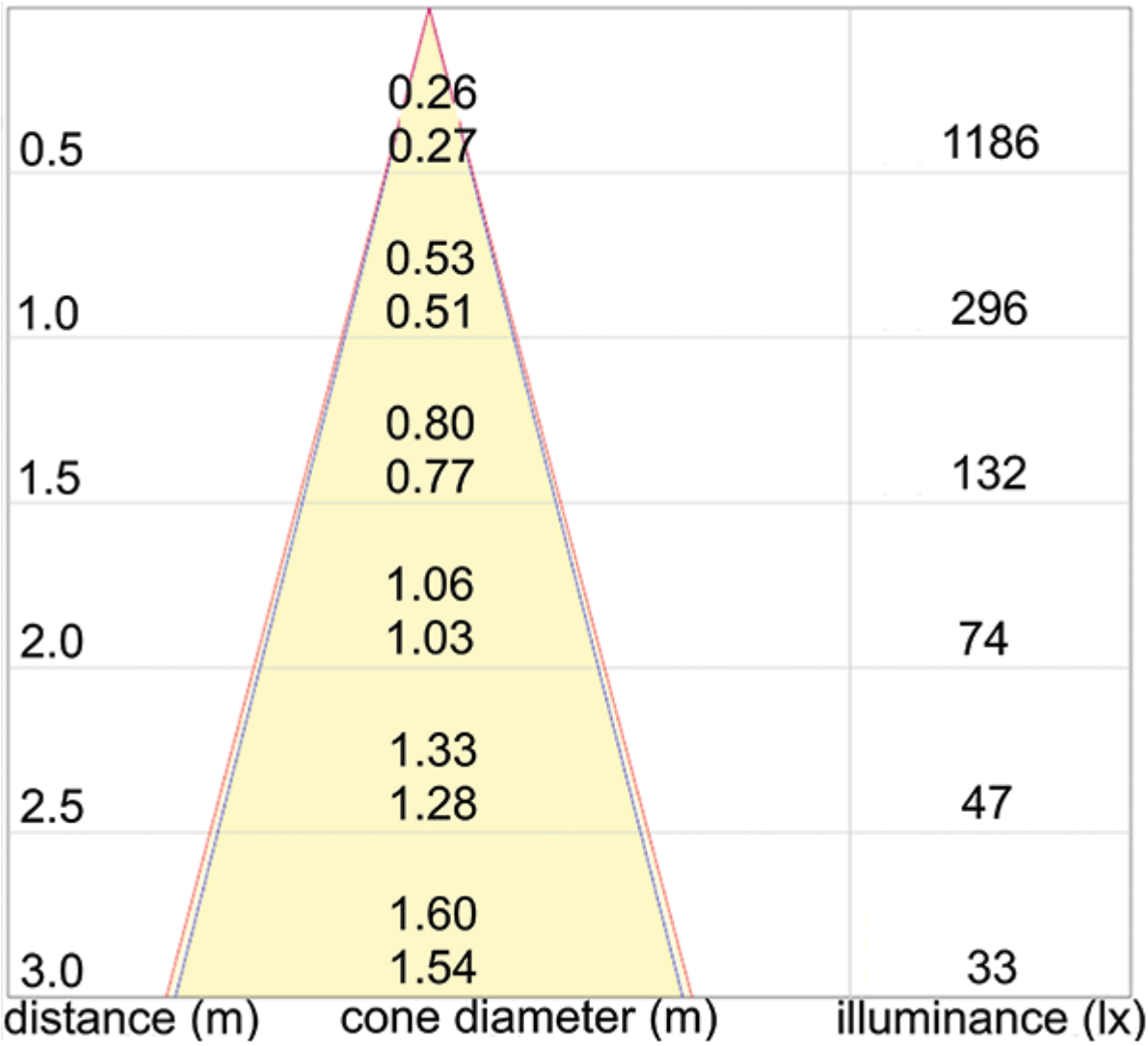


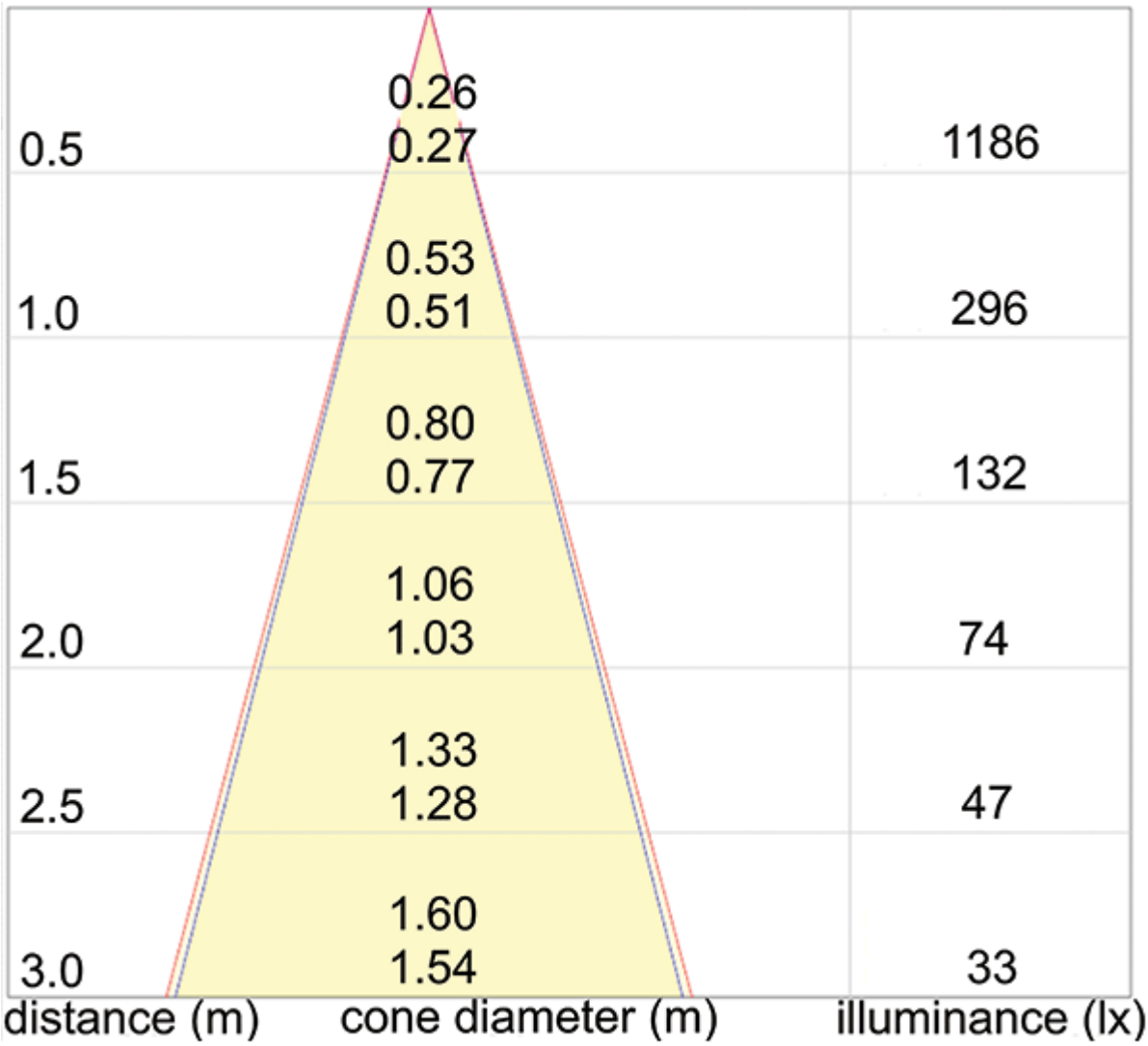




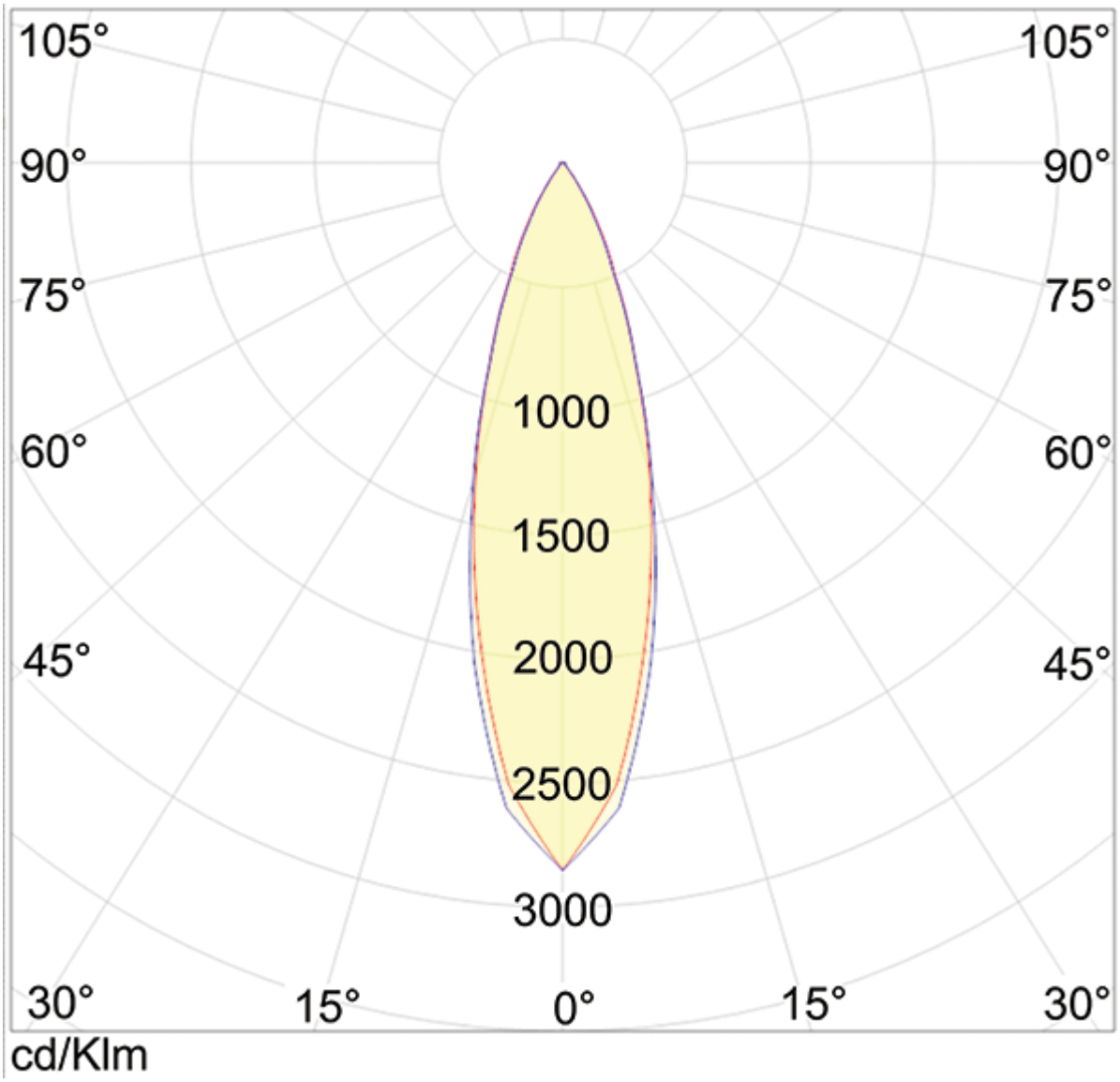


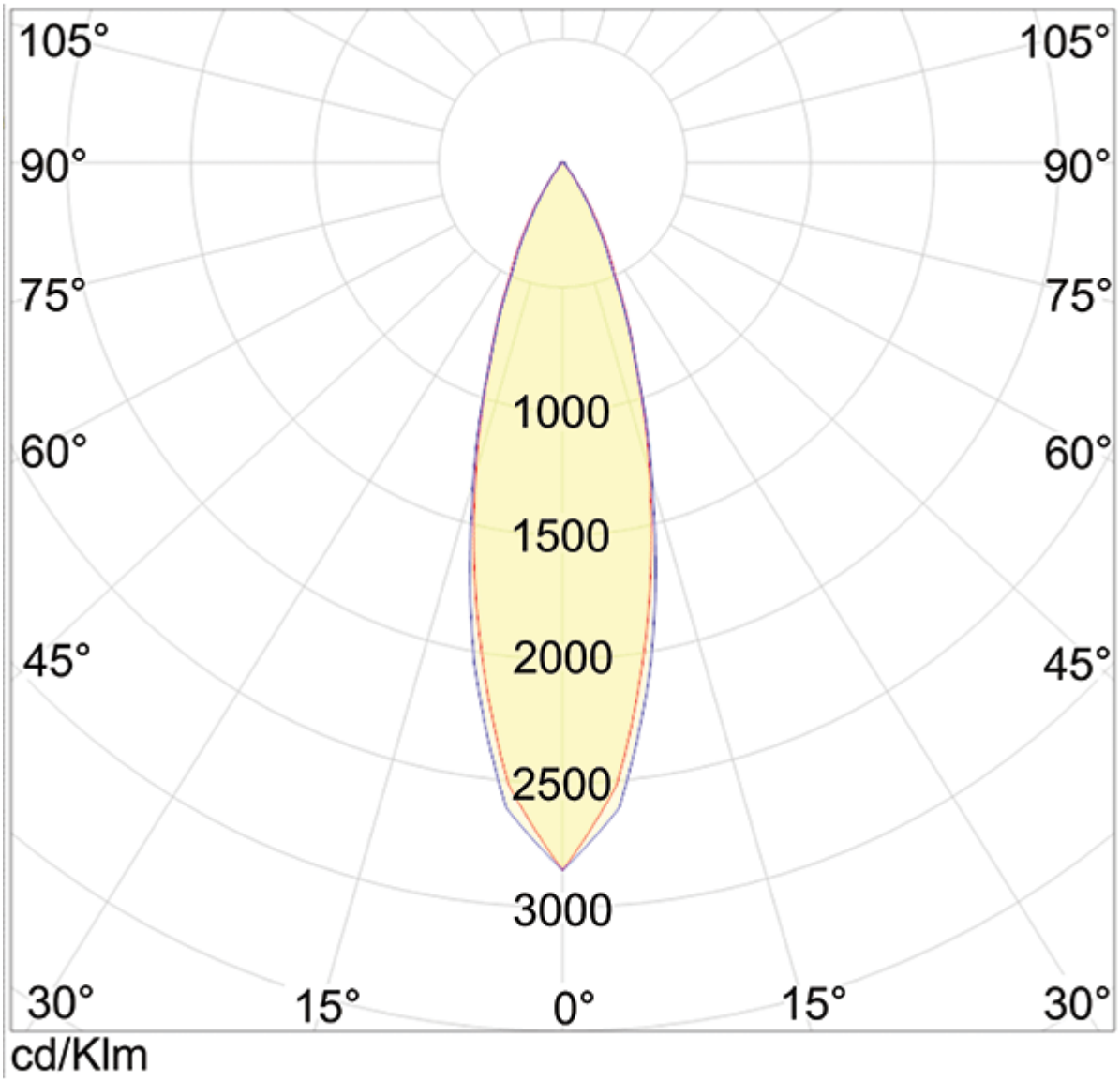
5277 - 31° Lens (.9)


0.26
0.5
0.27
1186
0.53
1.0
0.51
296
0.80
1.5
0.77
132
1.06
2.0
1.03
74
1.33
2.5
1.28
47
1.60
3.0
1.54
33
distance (m)
cone diameter (m)
illuminance (lx)

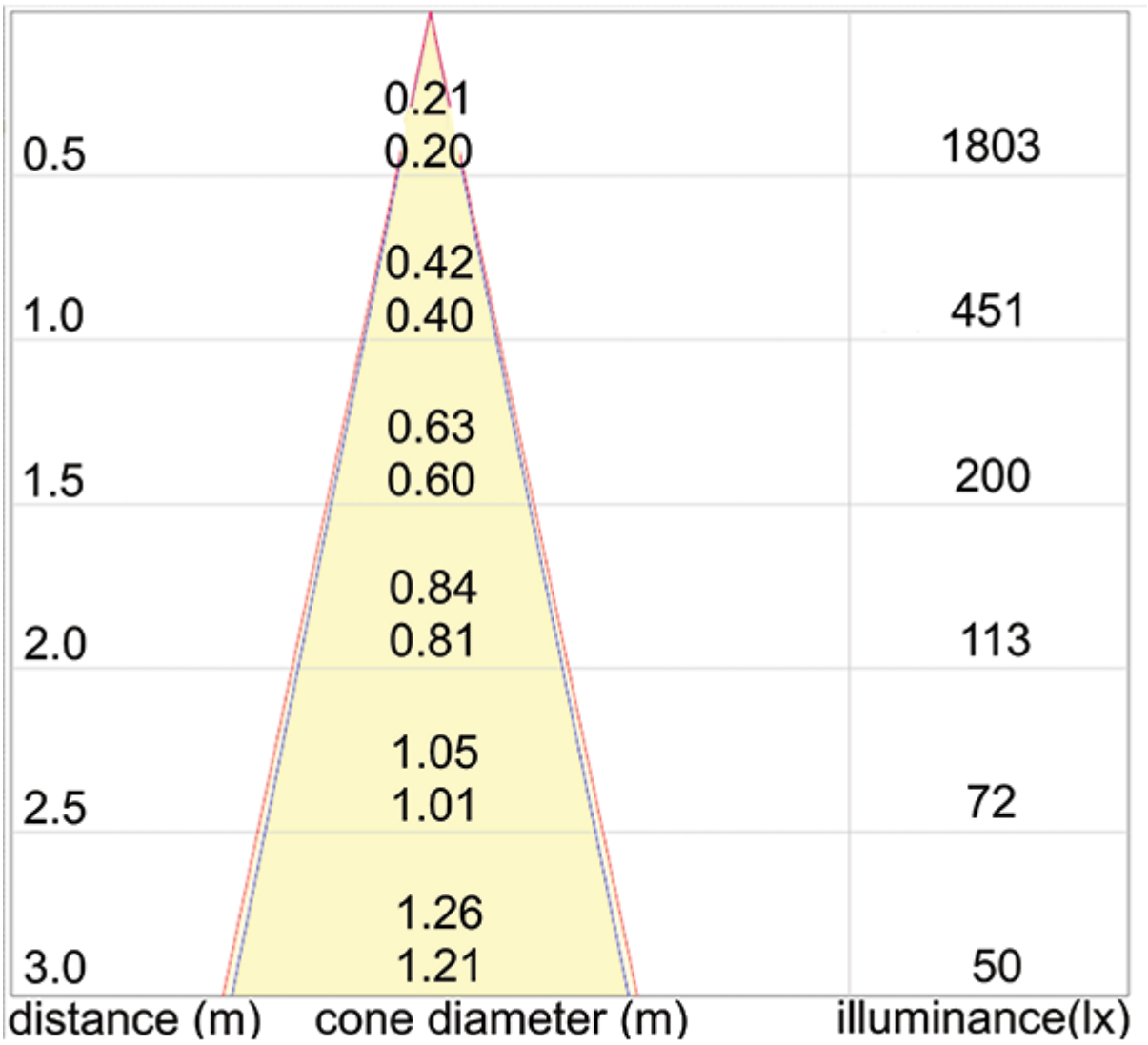


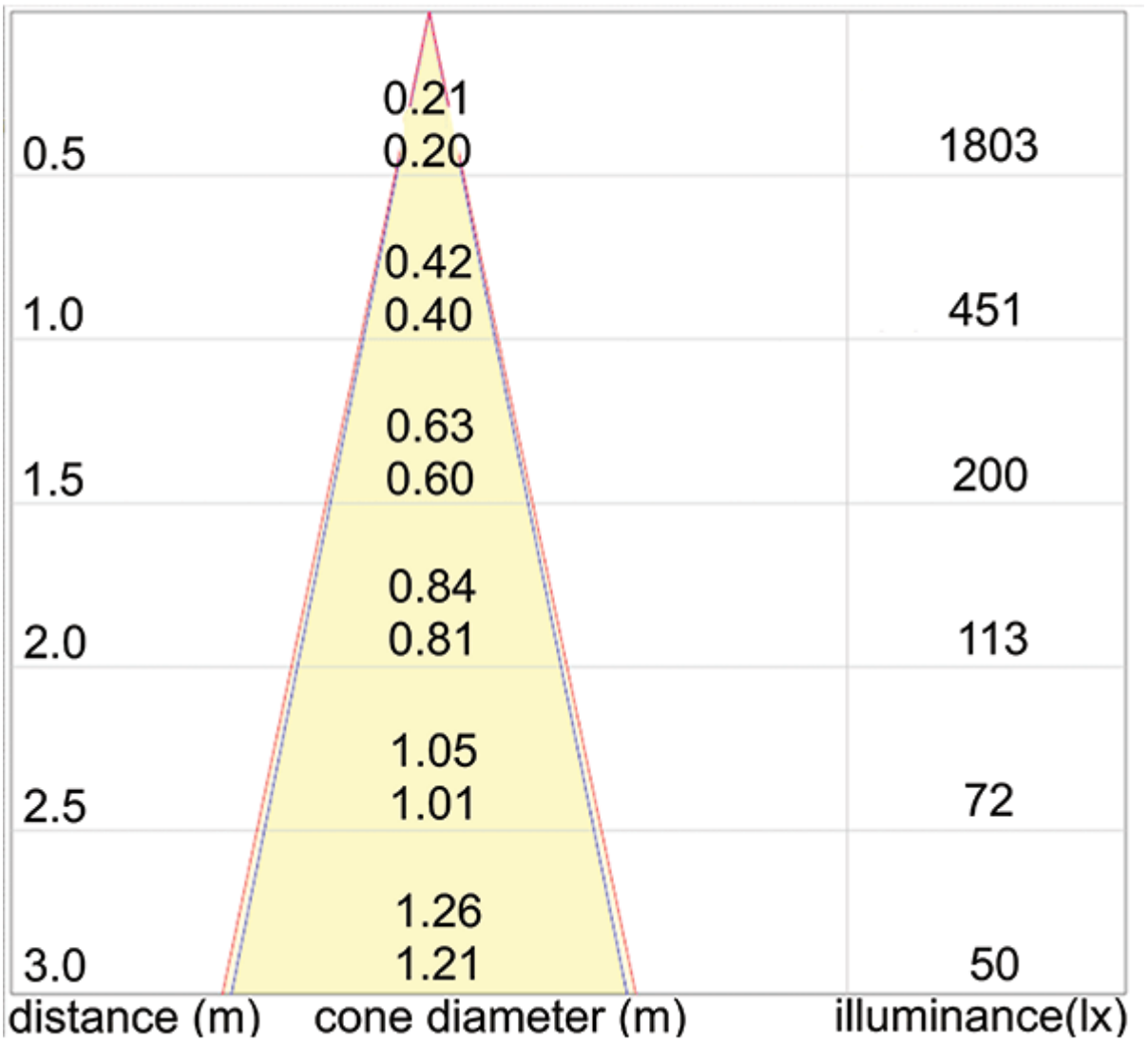
5277 - 31° Lens (.9)


105°
105°
90°
90°
75°
75°
1000
60°
60°
1500
2000
45°
45°
2500
3000
30°
15°
0°
15°
30°
cd/Klm

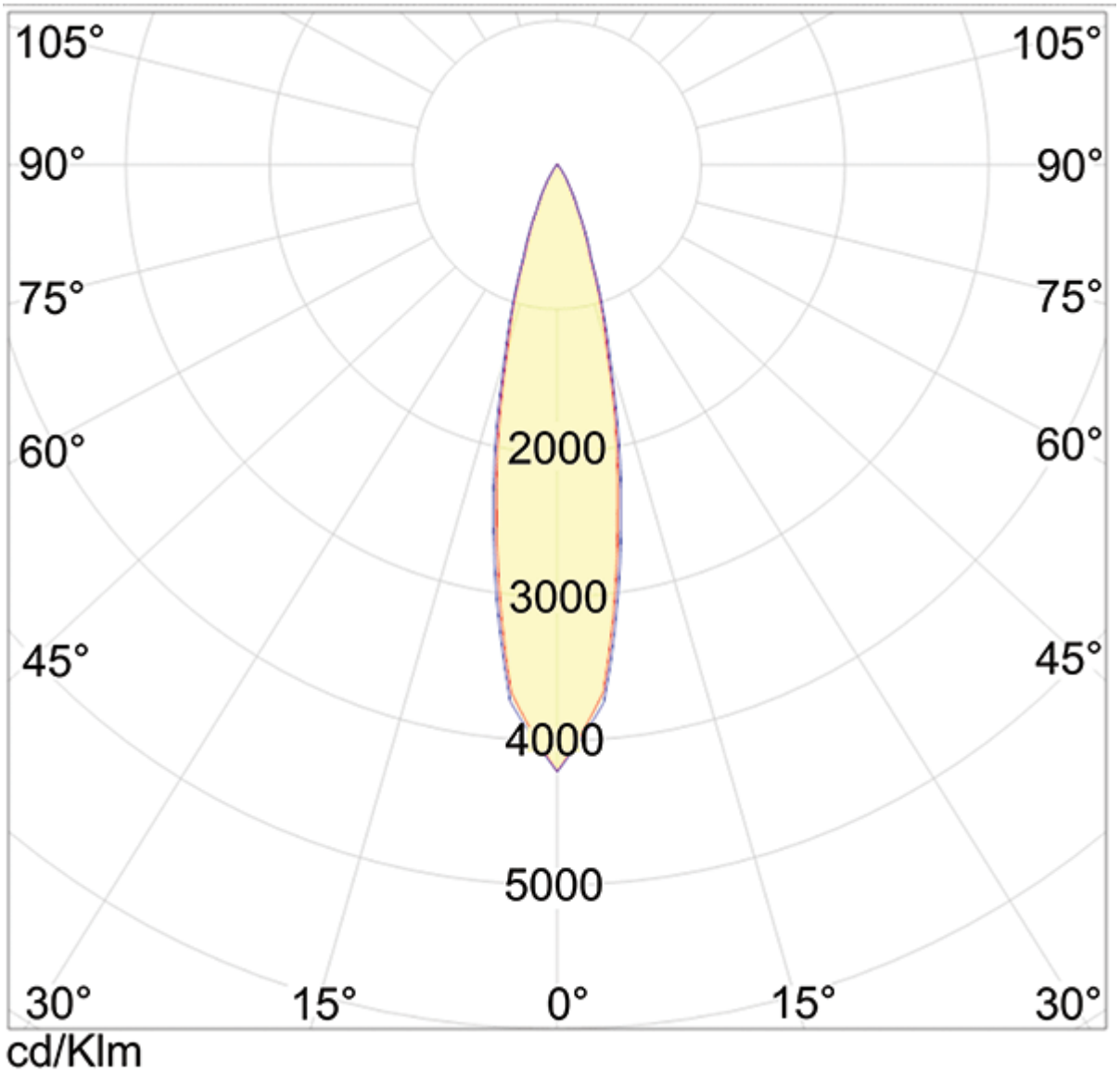


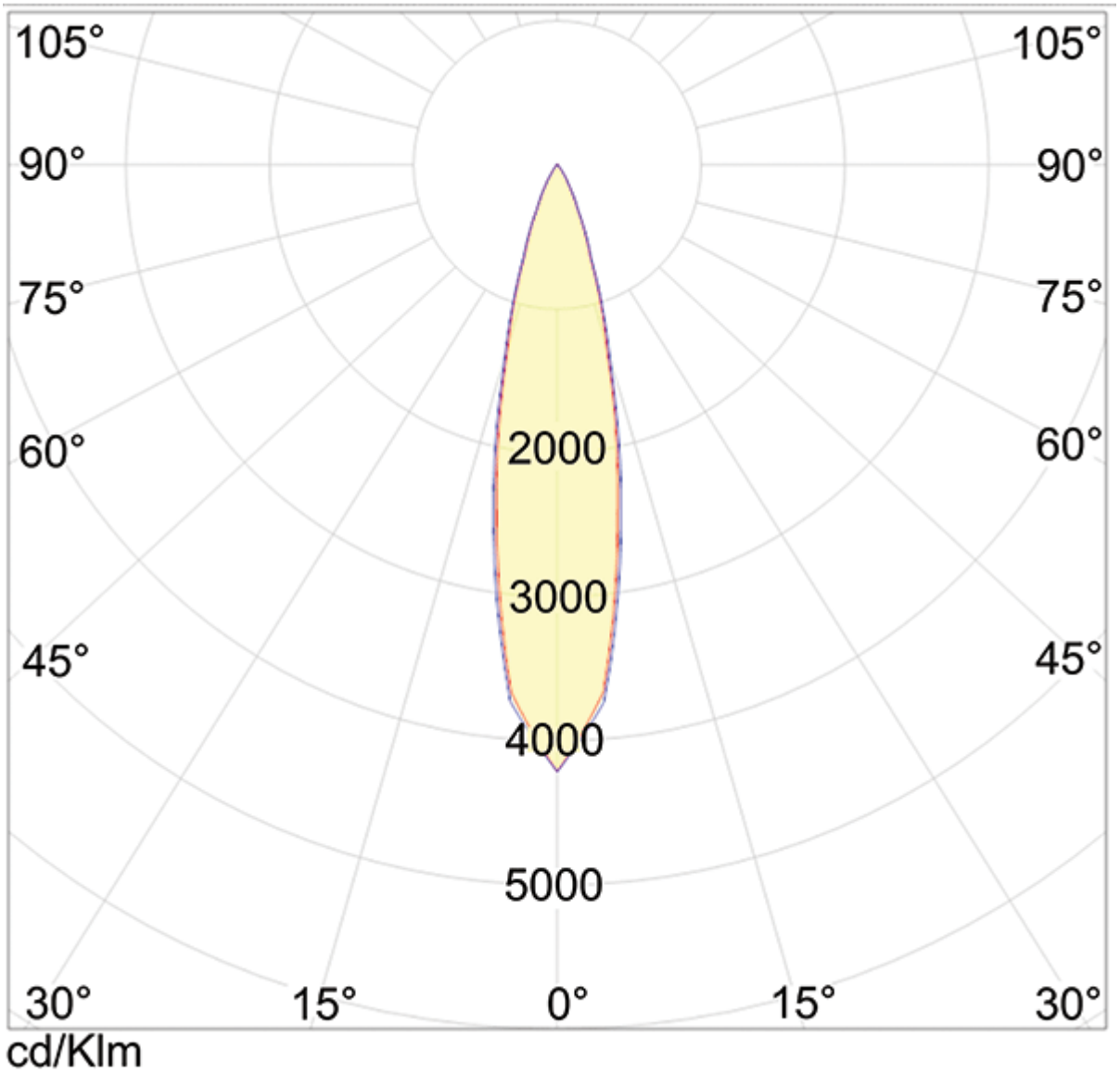
5277 - 23° Lens (.9M)


0.21
0.5
0.20
1803
0.42
1.0
0.40
451
0.63
1.5
0.60
200
0.84
2.0
0.81
113
1.05
2.5
1.01
72
1.26
3.0
1.21
50
distance (m)
cone diameter (m)
illuminance(lx)

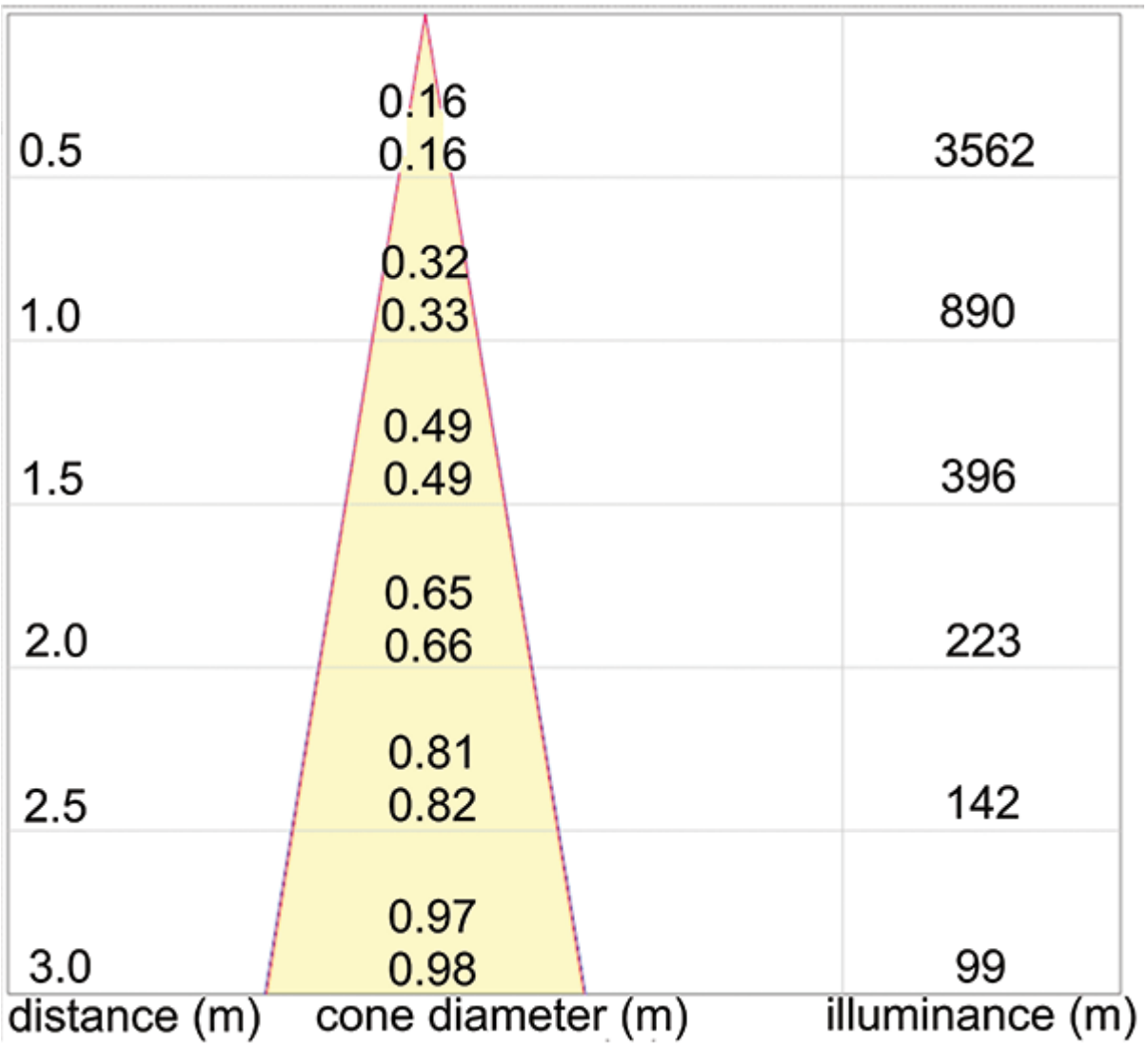


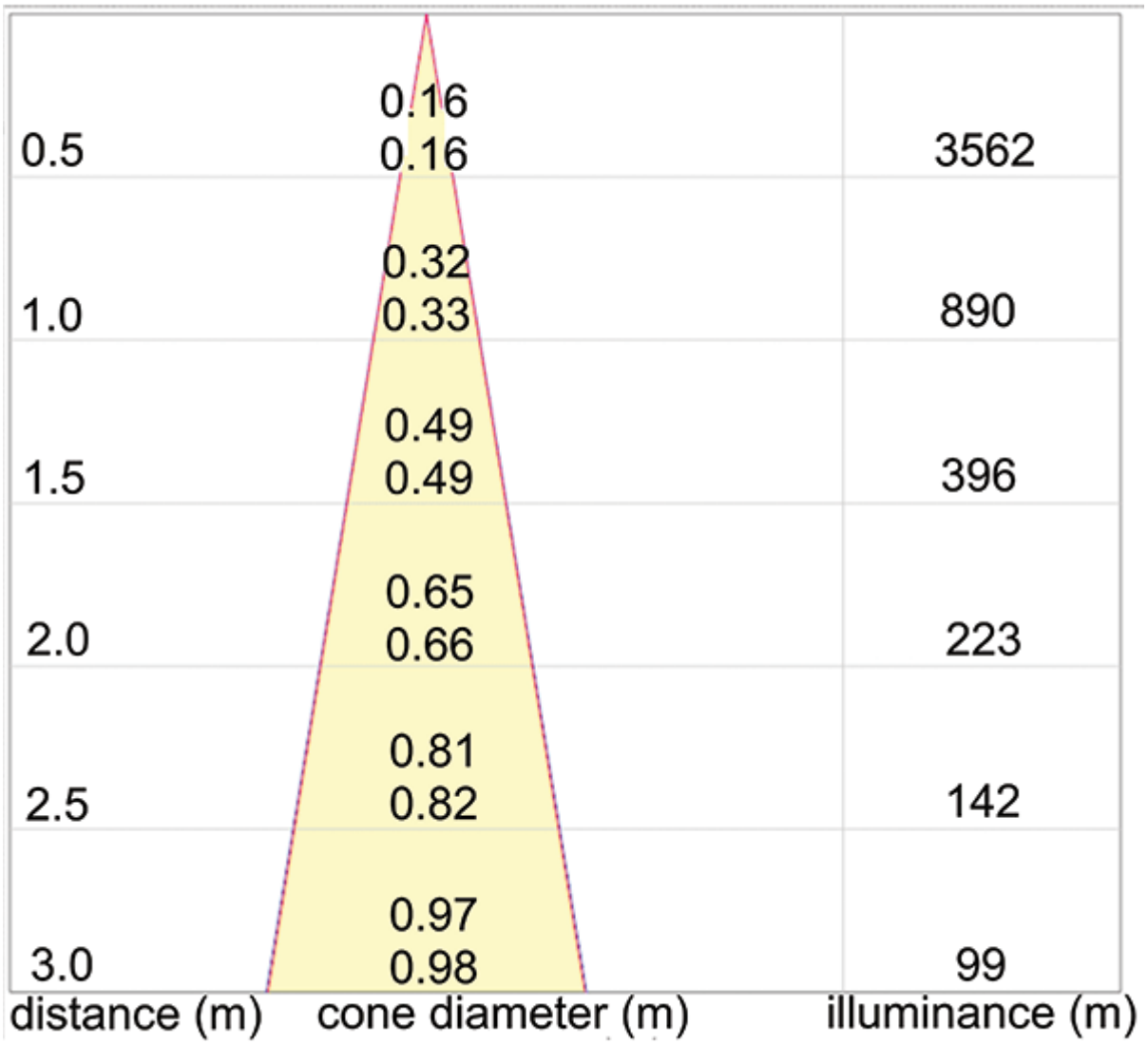
5277 - 23° Lens (.9M)


105°
105°
90°
90°
75°
75°
60°
60°
45°
45°
2000
3000
4000
5000
30°
15°
0°
15°
30°
cd/Klm

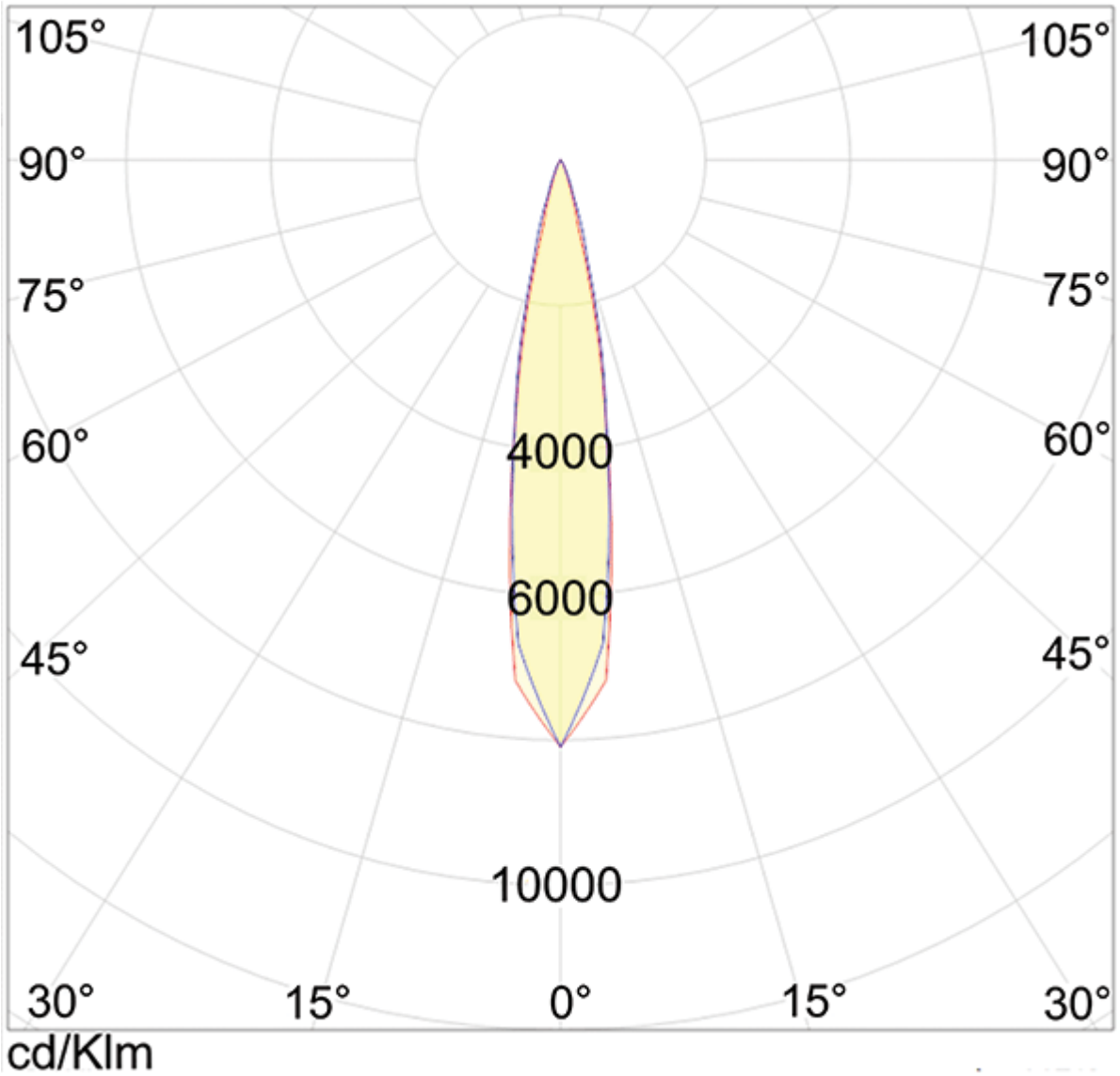


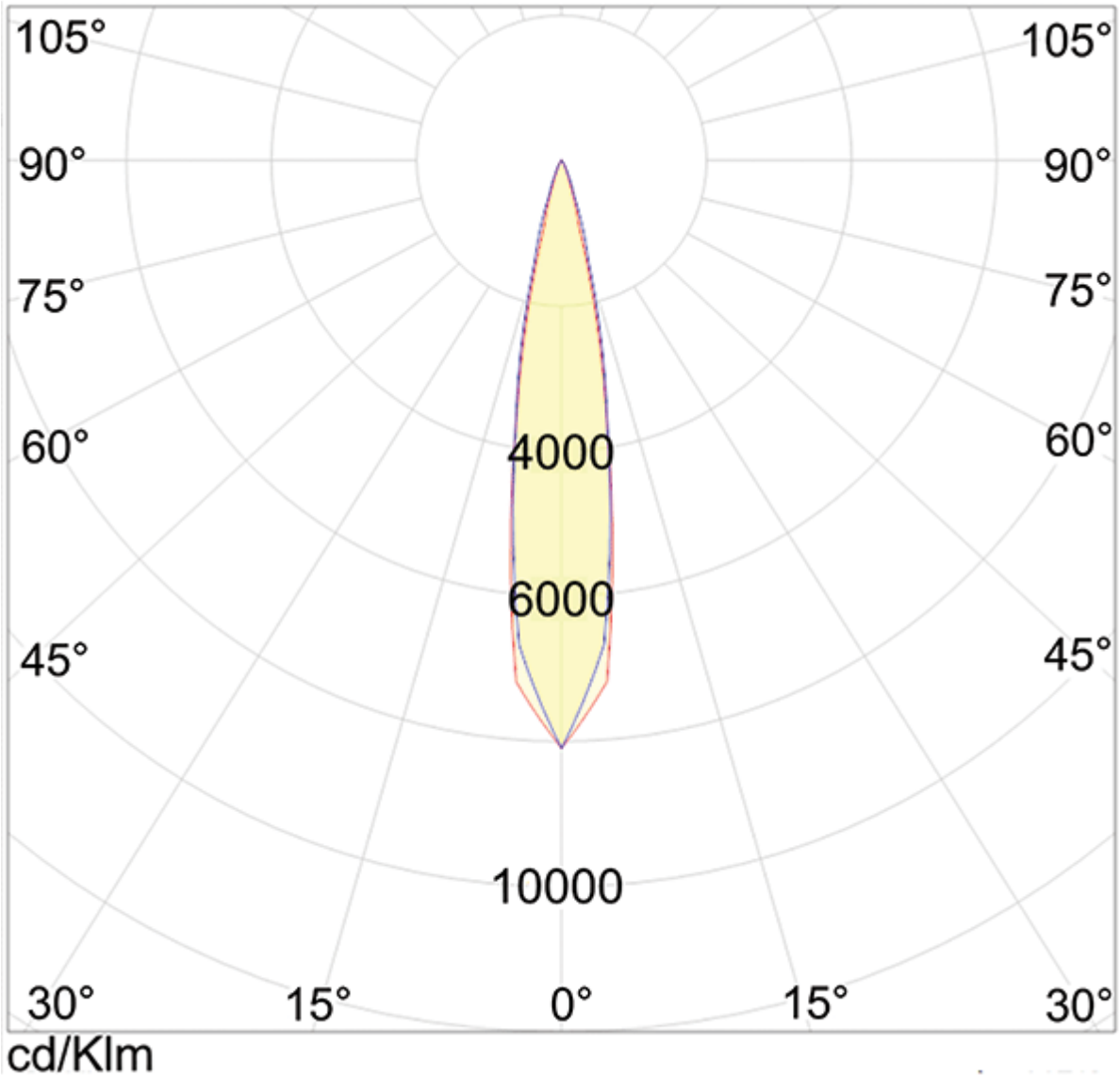
5277 - 13° Lens (.9N)


0.5
0.16
0.16
3562
1.0
0.32
0.33
890
1.5
0.49
0.49
396
2.0
0.65
0.66
223
2.5
0.81
0.82
142
3.0
0.97
0.98
99
distance (m)
cone diameter (m)
illuminance (m)

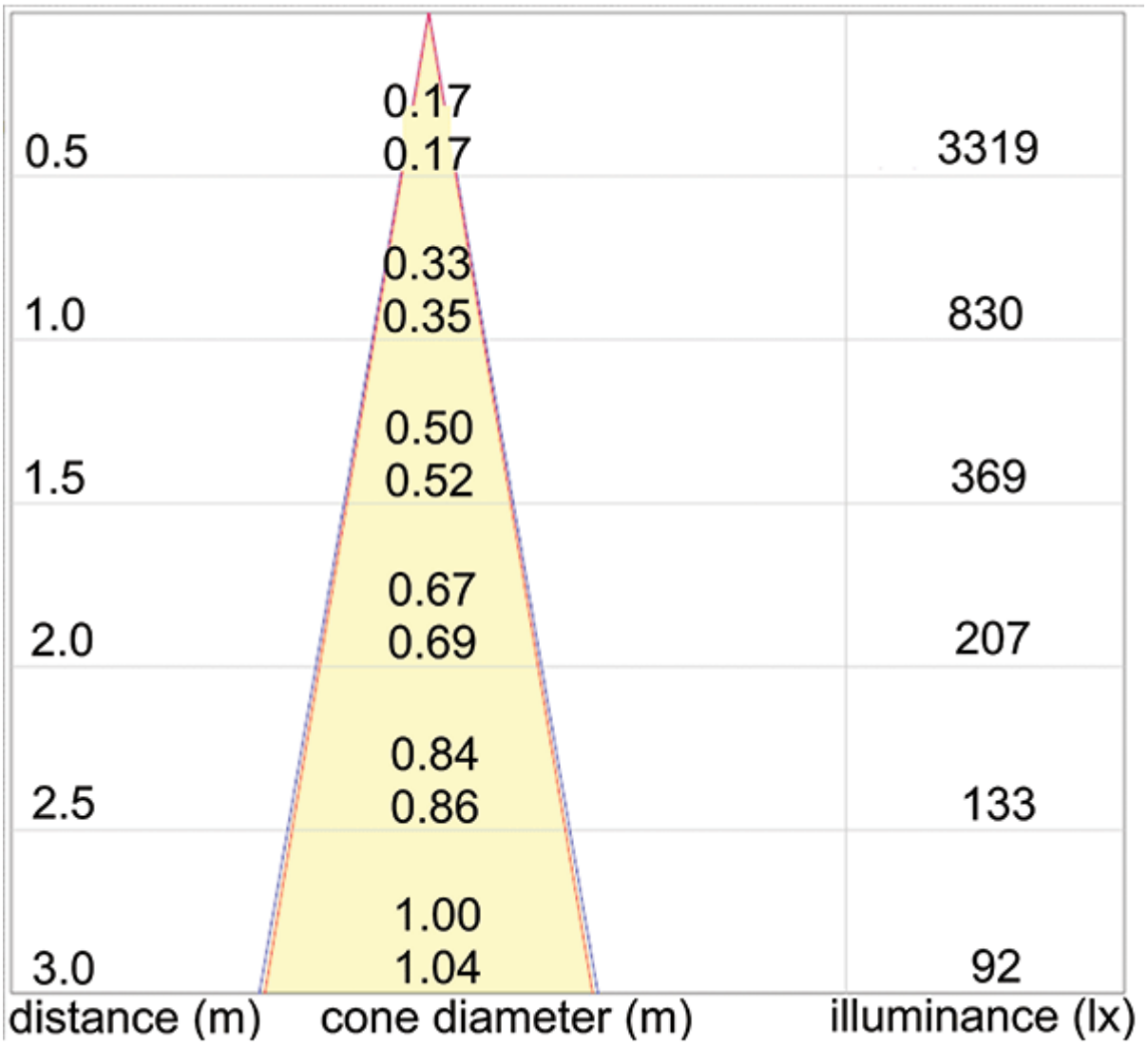


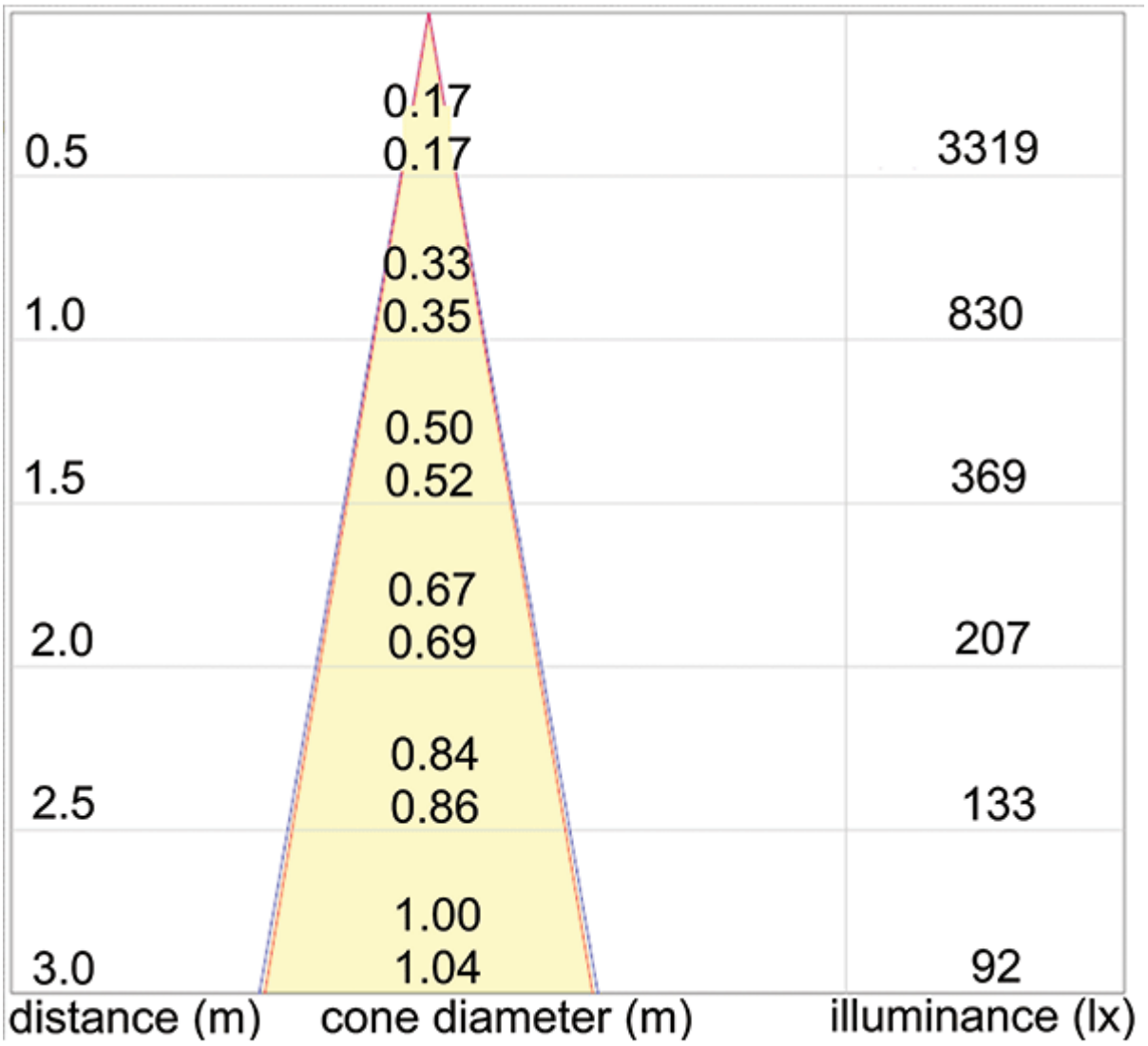
5277 - 13° Lens (.9N)


105°
105°
90°
90°
75°
75°
60°
60°
4000
6000
45°
45°
10000
30°
15°
0°
15°
30°
cd/Klm

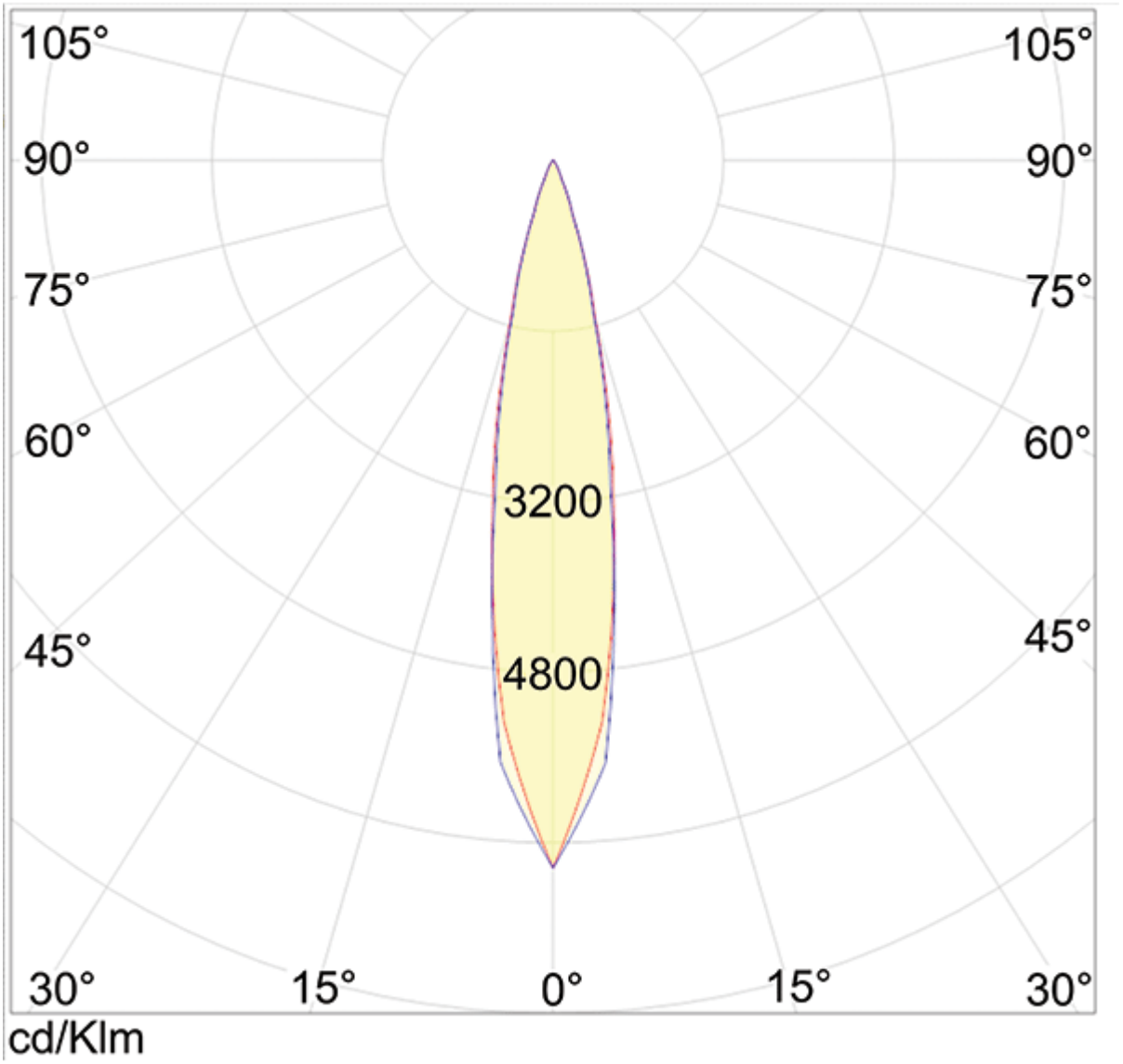


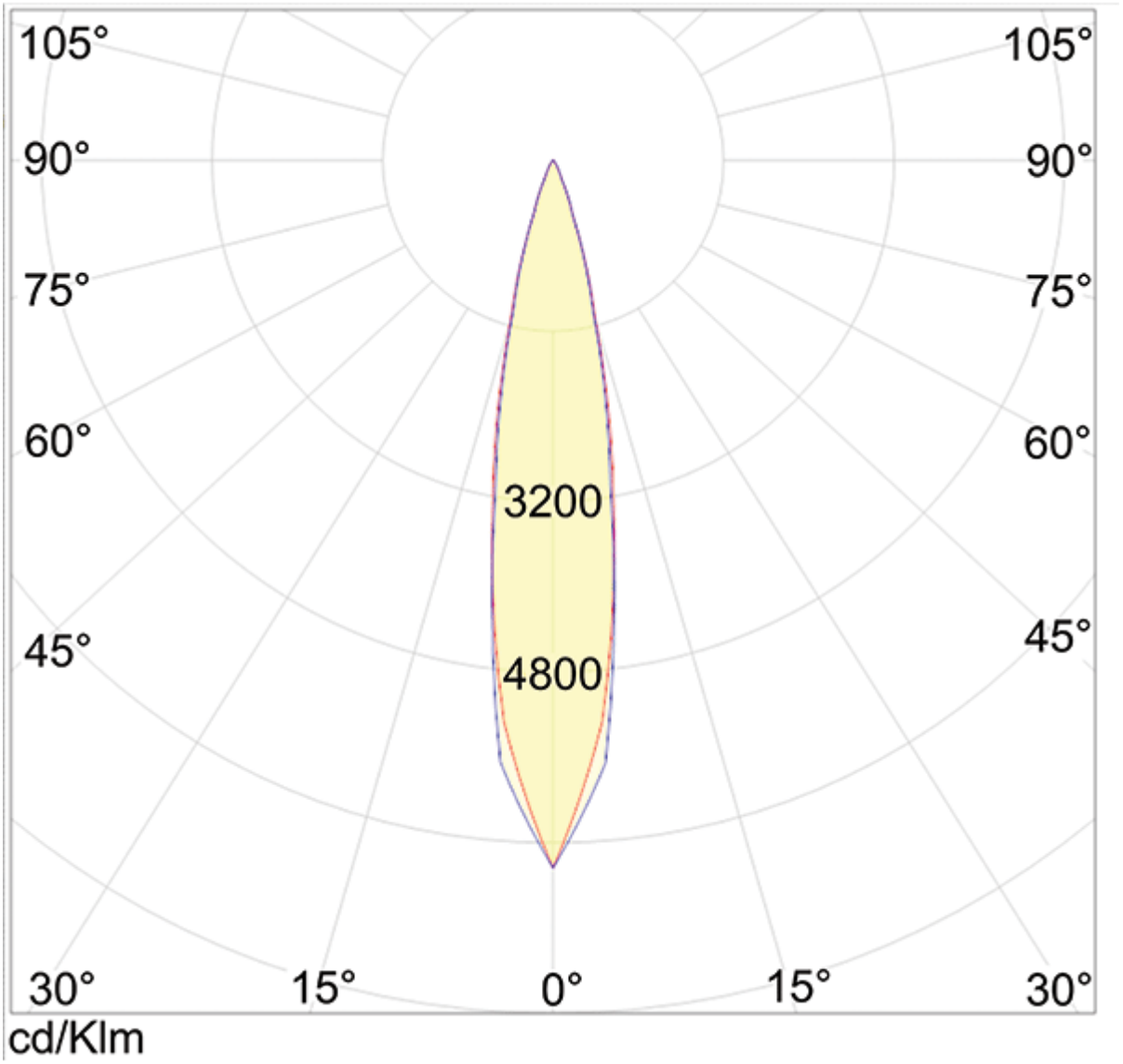
5277 - 13° Lens (.9N)


0.17
0.5
0.17
3319
0.33
1.0
0.35
830
0.50
1.5
0.52
369
0.67
2.0
0.69
207
0.84
2.5
0.86
133
1.00
3.0
1.04
92
distance (m)
cone diameter (m)
illuminance (lx)



5277 - 13° Lens (.9N)


105°
105°
90°
90°
75°
75°
60°
60°
3200
45°
4800
45°
30°
15°
0°
15°
30°
cd/Klm

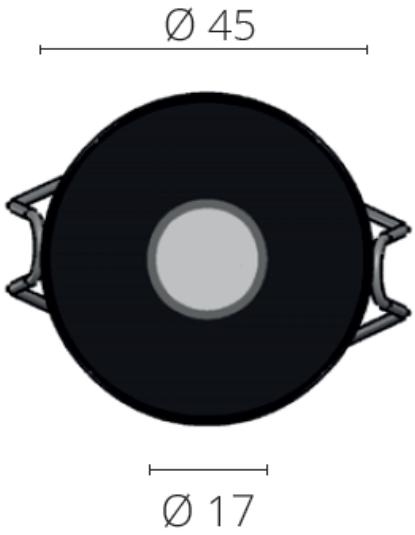


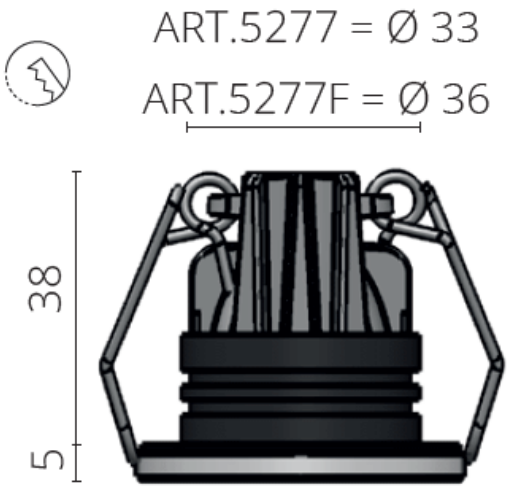
Cup Fixing Option

Traditionally, our spotlights are secured in place with springs. However, we can also offer a cup fixing method. This solution, primarily aimed at yacht application, provides a secure, watertight and simple way to fit and maintain the fittings. The cup is installed during the build phase and can be GRP laminated or bonded in place. When the lights are ready to be installed, they simply push into position, the gaskets holding the fitting in place whilst making a watertight seal.

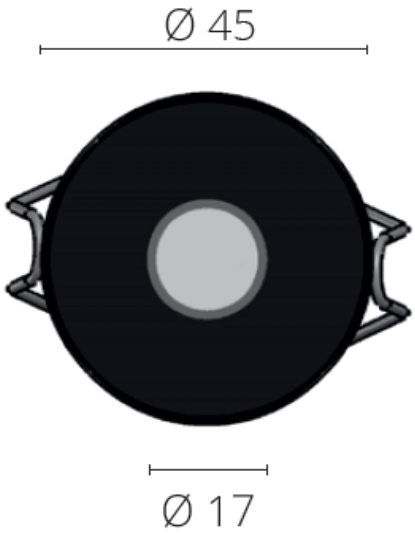


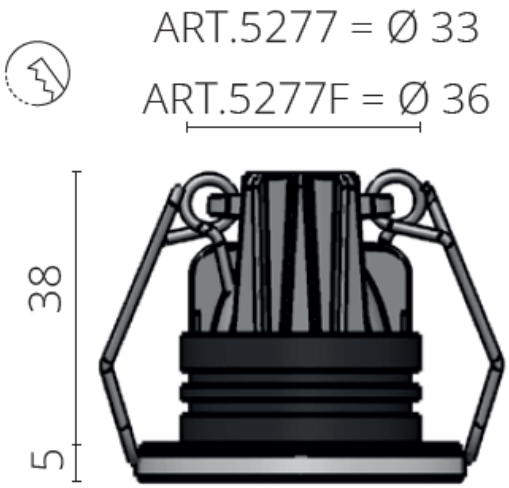






Power Led





Power Led

Additional Information

Weight	0.150000
Manufacturer	Foresti & Suardi
Finish	Black
Input Voltage	10-30Vdc
LED Colour	White 3200°K
Light Element Type	Power LED
Wattage	3W
Lens Angle	31°
IP Rating	IP65
Depth (mm)	38.00
Dimmer	Yes
Installation	Recessed
Cut-out Size (mm)	Ø33.00
Bezel Size (mm)	Ø45.00
CRI	>90
Version	Spring Fixing

