



# Mercurio TVP Spotlight

## Product Images



## Short Description

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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

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## 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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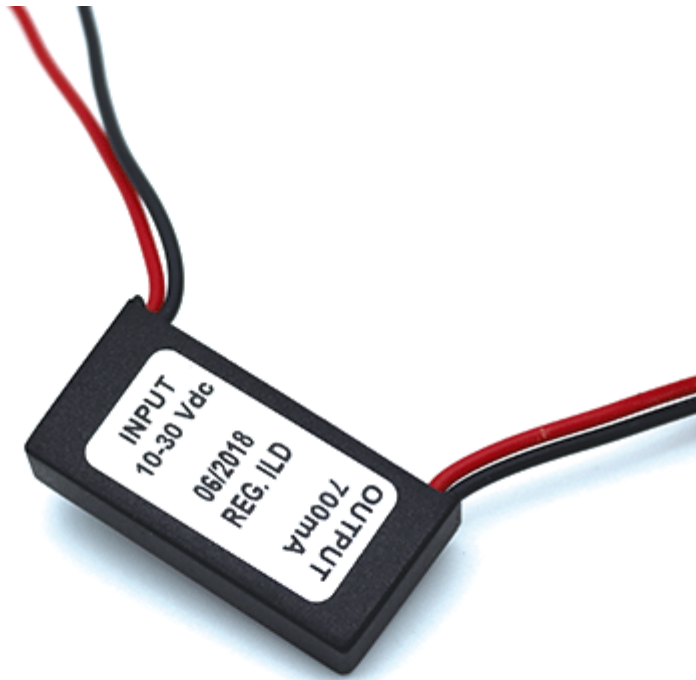
## Power Regulator

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.

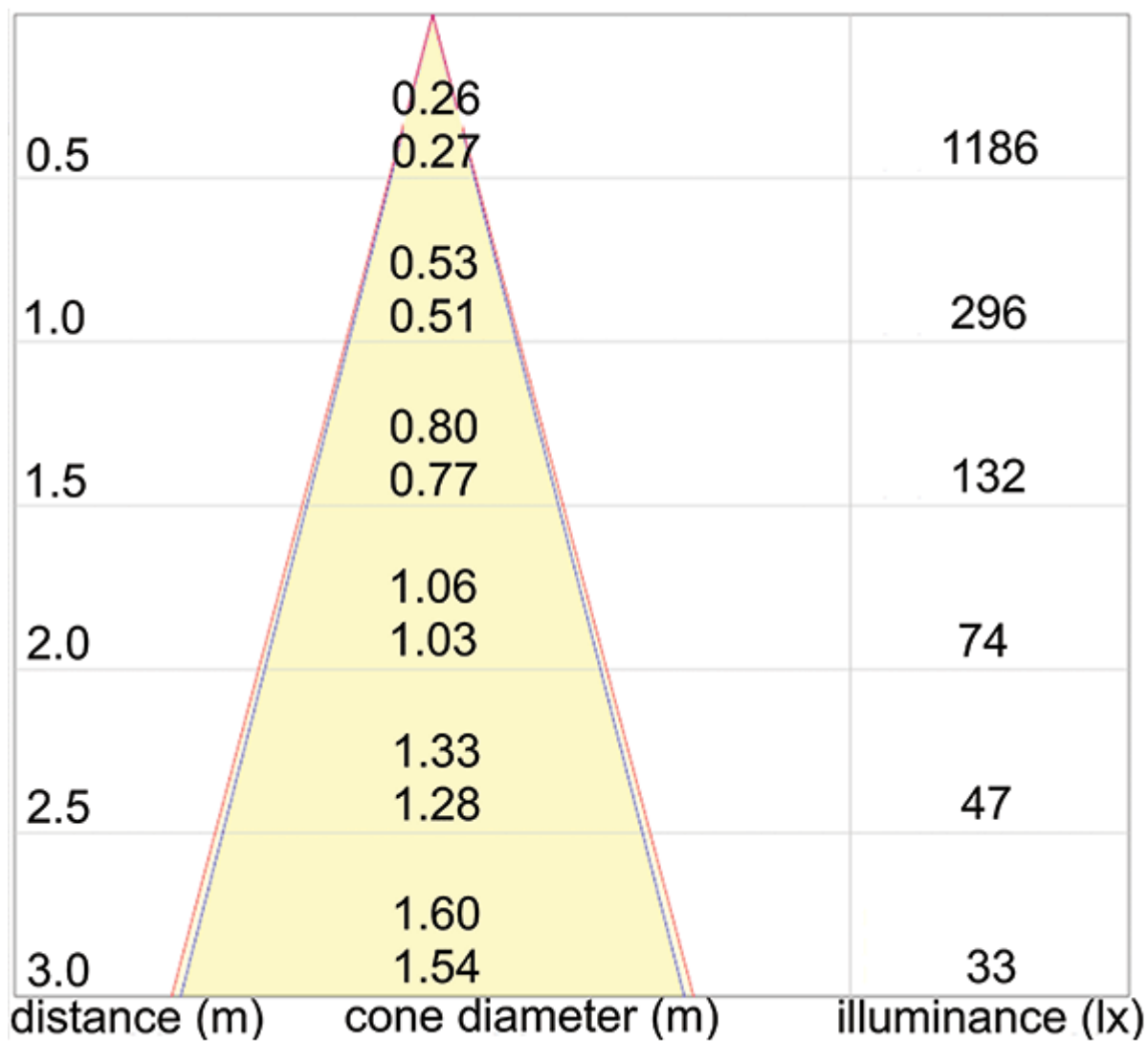
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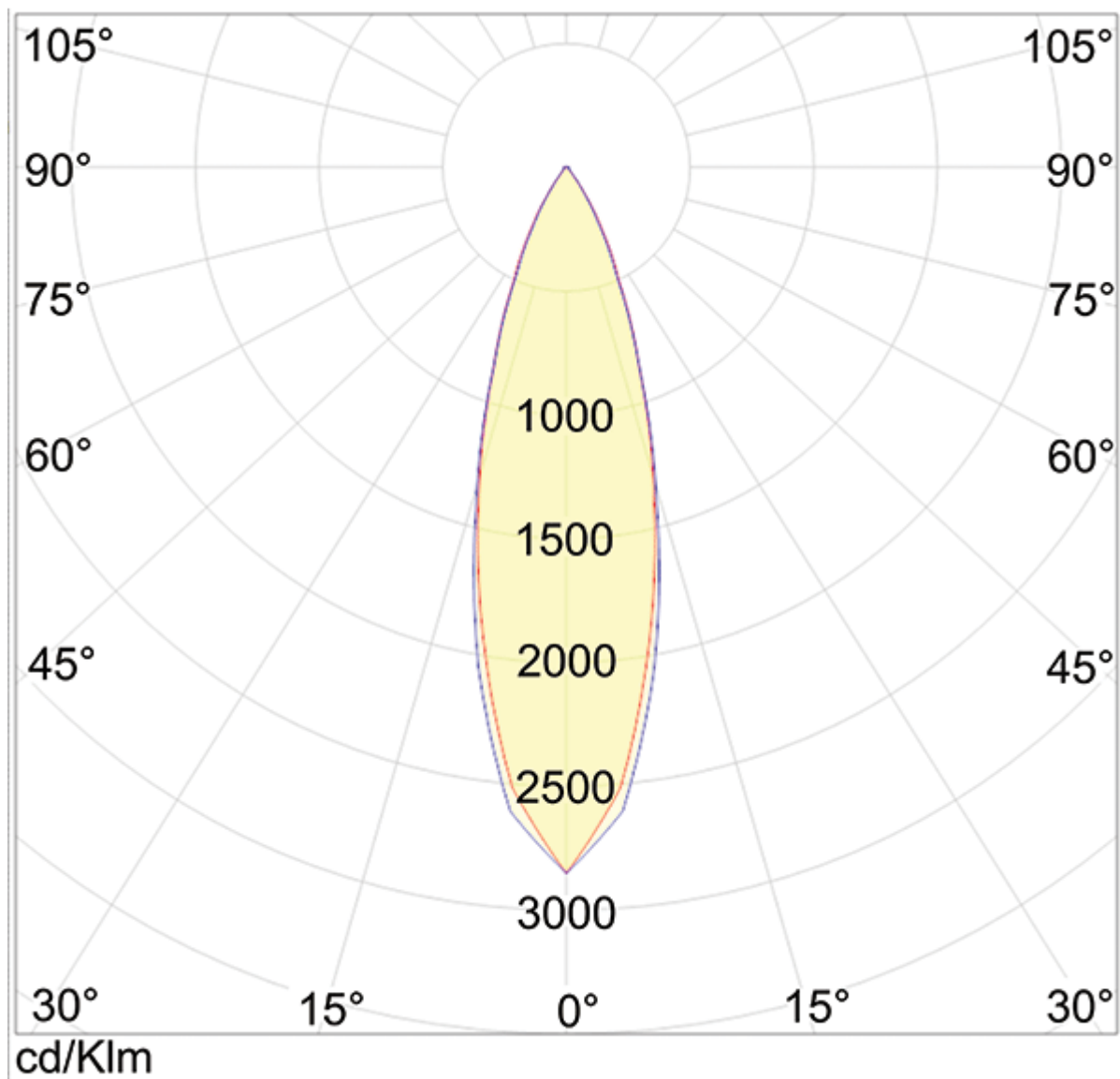


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5277 - 31° Lens (.9)

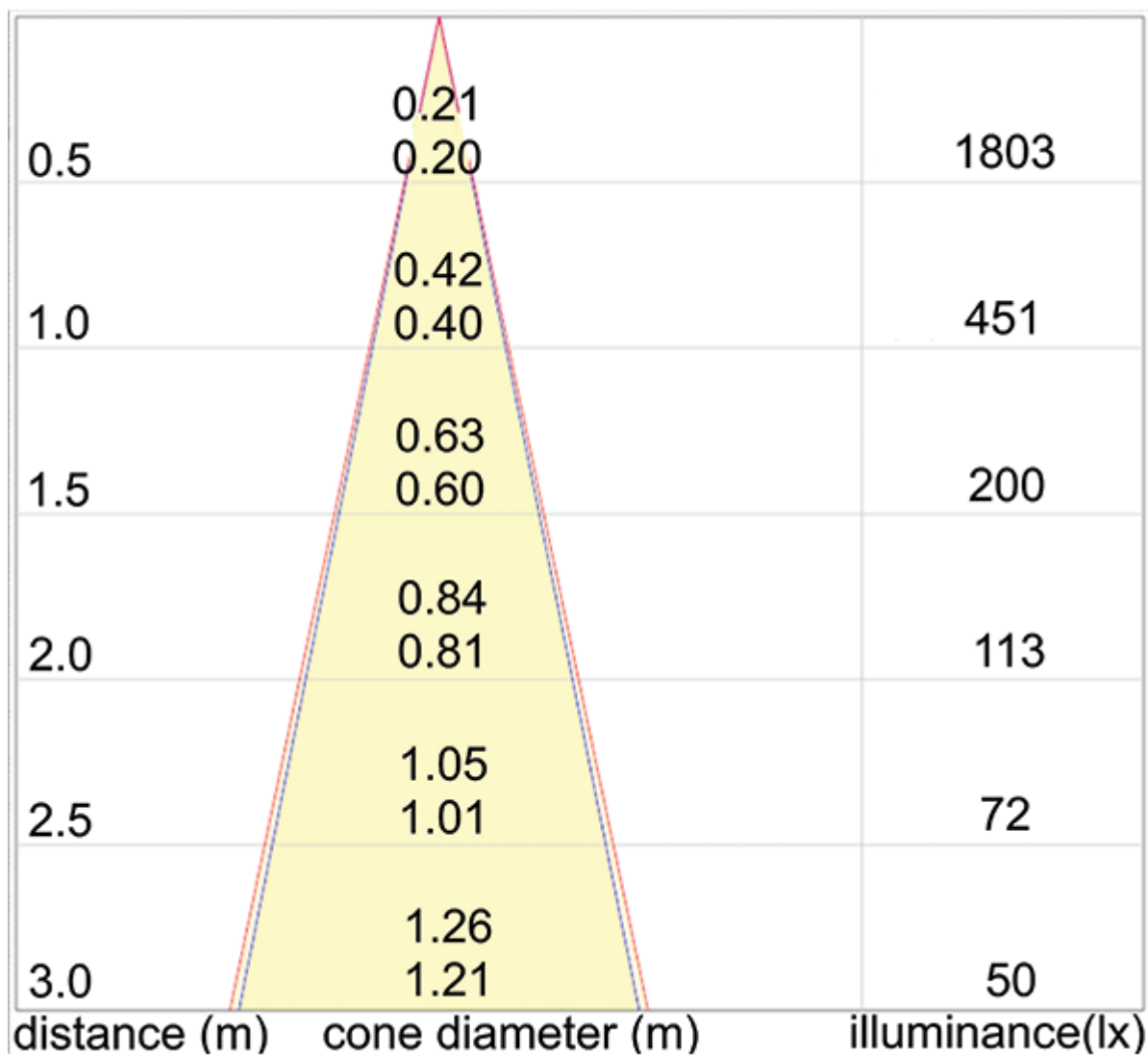


5277 - 31° Lens (.9)



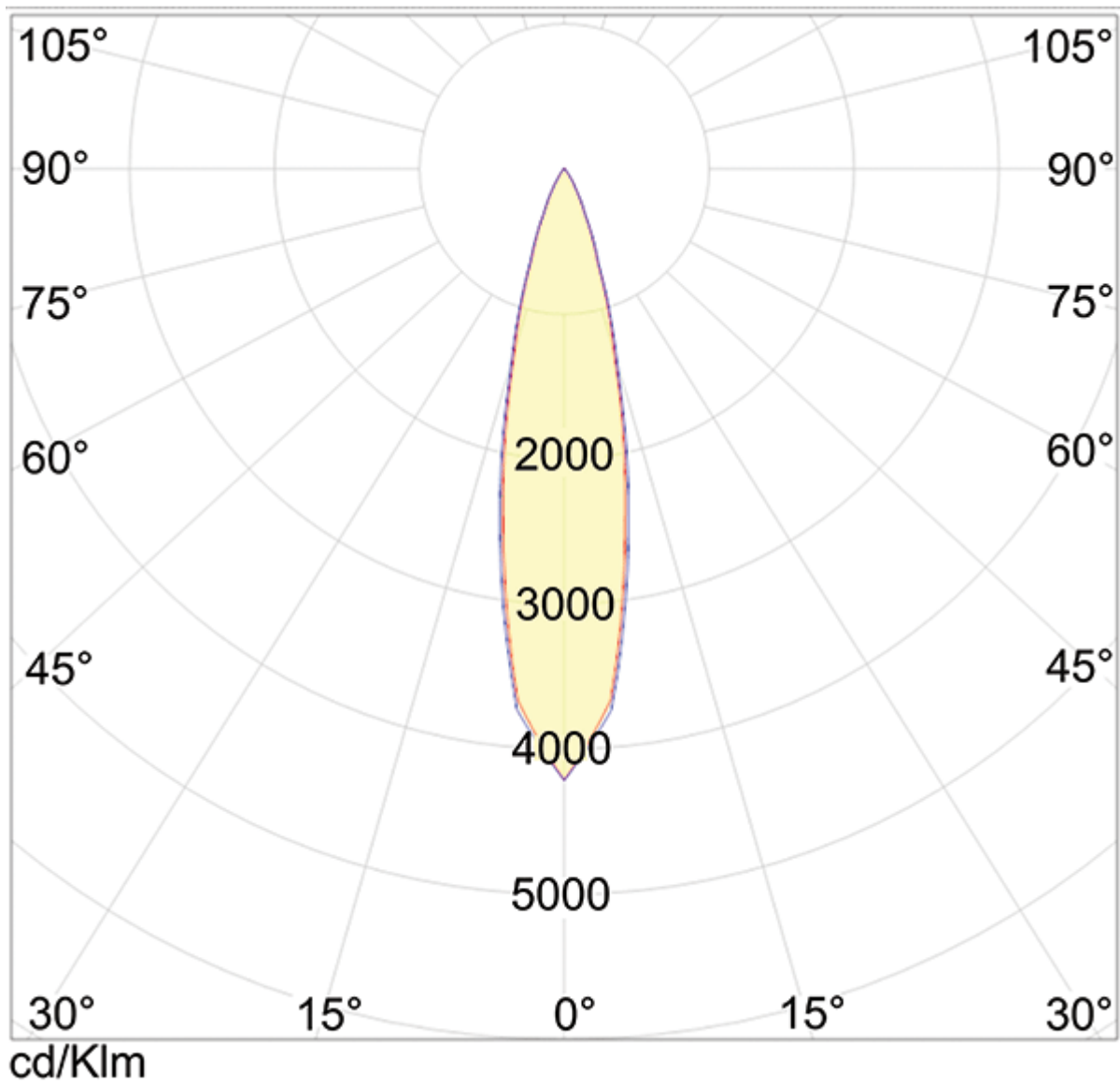
5277 - 23° Lens (.9M)





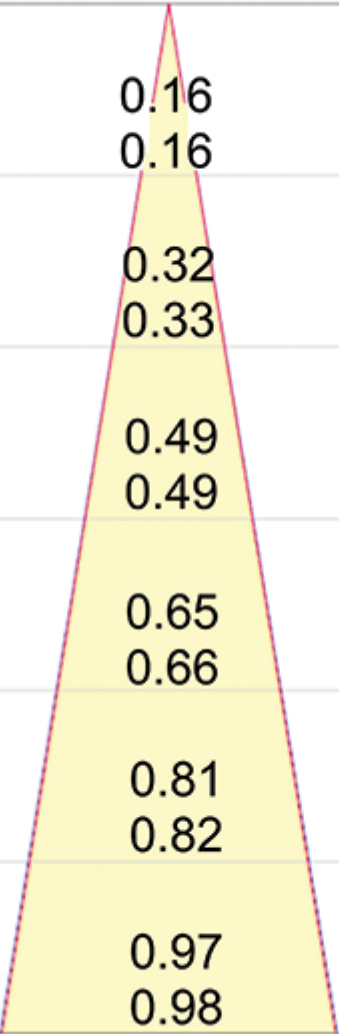
5277 - 23° Lens (.9M)



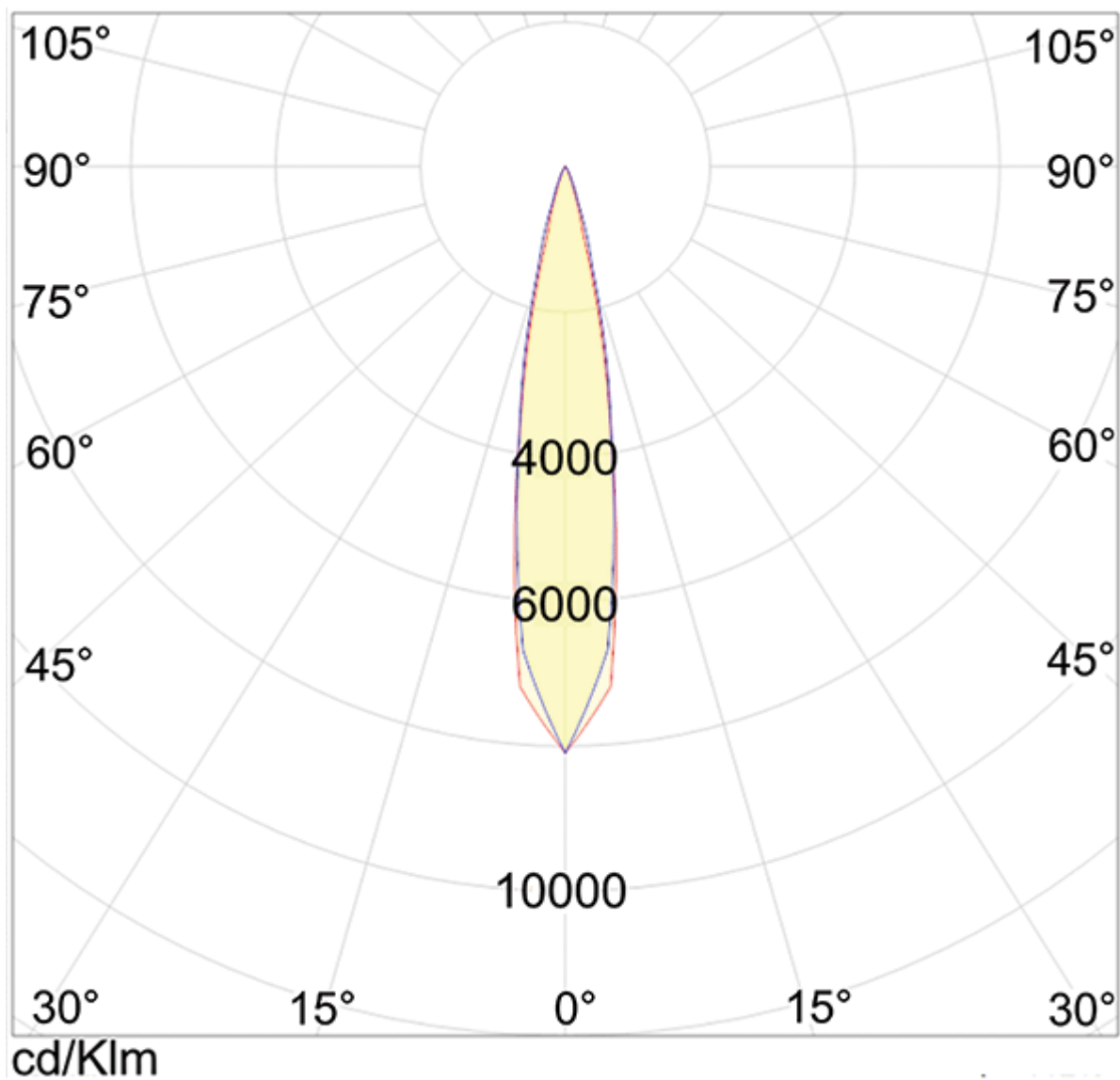


5277 - 13° Lens (.9N)

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)

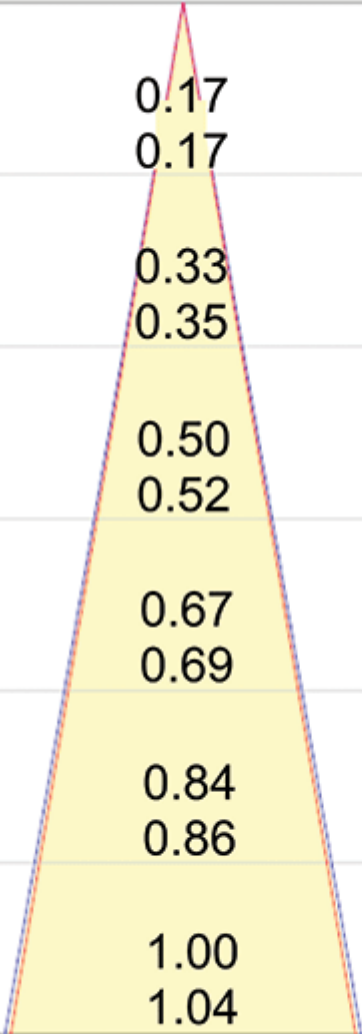


5277 - 13° Lens (.9N)

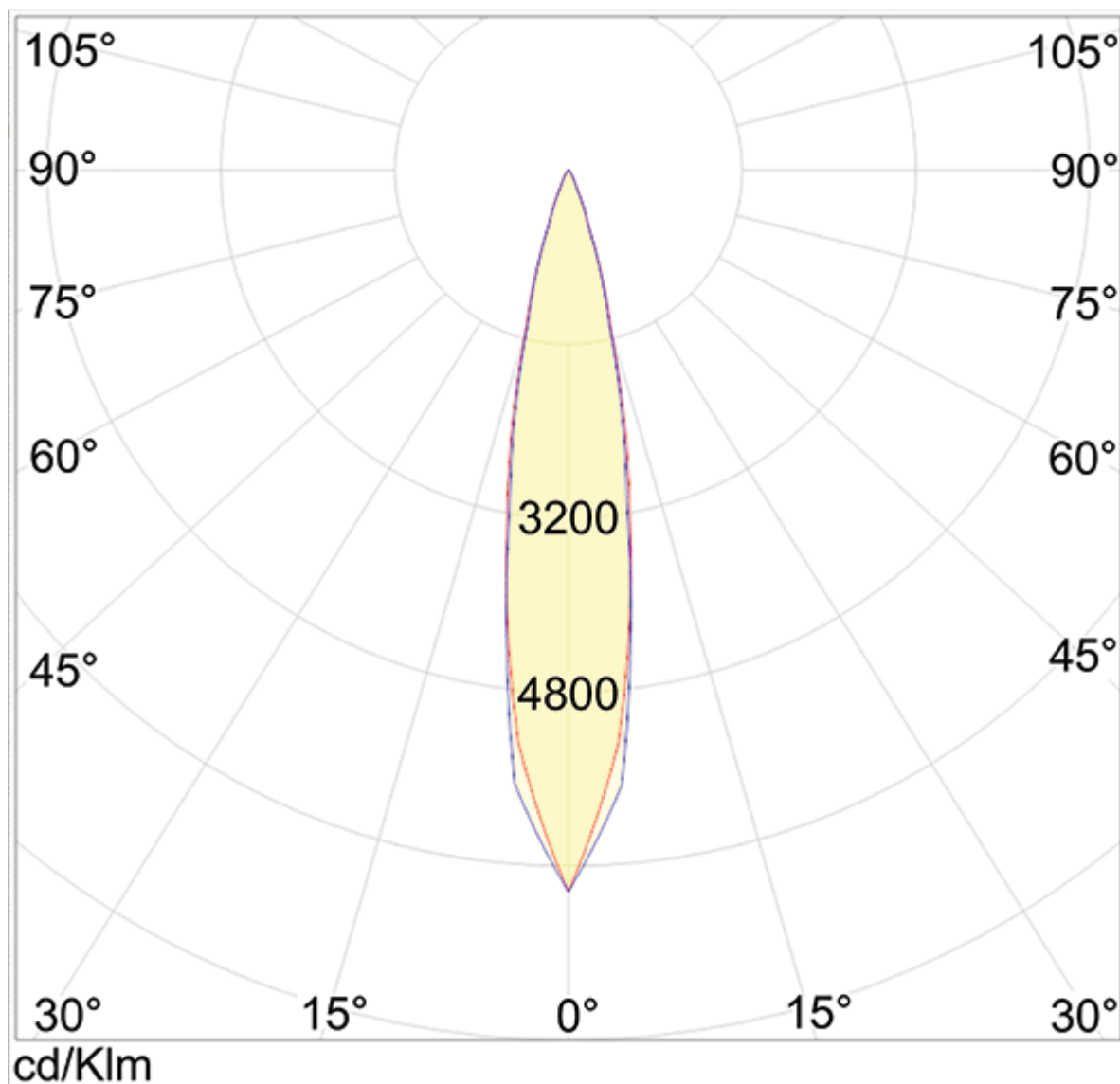


5277 - 13° Lens (.9N)

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



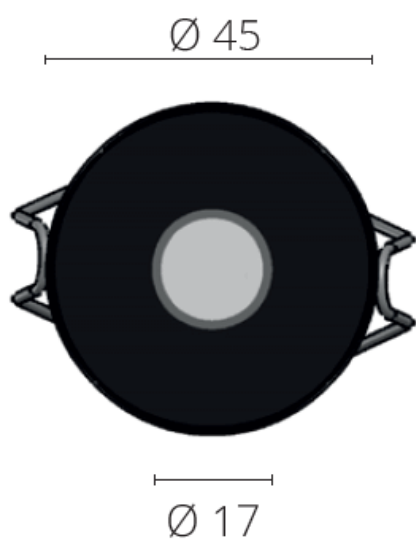
5277 - 13° Lens (.9N)



## Cup Fixing Option

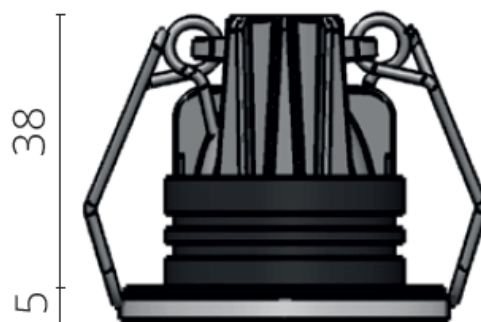
Traditionally, our spotlights are secured in place with springs. However, we can also offer a cup fixing method. This solution, primarily aimed at yacht application, provides a secure, watertight and simple way to fit and maintain the fittings. The cup is installed during the build phase and can be GRP 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.





ART.5277 = Ø 33

ART.5277F = Ø 36



**Power Led**



## Additional Information

Weight (kg)	0.150000
Manufacturer	Foresti & Suardi
Installation	Recessed
Light Element Type	Power LED
Wattage	3W
CRI	>90
Input Voltage	10-30Vdc
IP Rating	IP65
Dimmer	Yes
Bezel Size (mm)	Ø45.00
Cut-out Size (mm)	Ø33.00
Depth (mm)	38.00
Finish	Black

## Product Options

LED Colour:	White 2700°K
	White 3200°K
	White 4000°K
	Red
Lens Angle:	13°
	23°
	31°
	Elliptical 21°-14°
Version:	Spring Fixing
	Cup & Gasket Fixing

