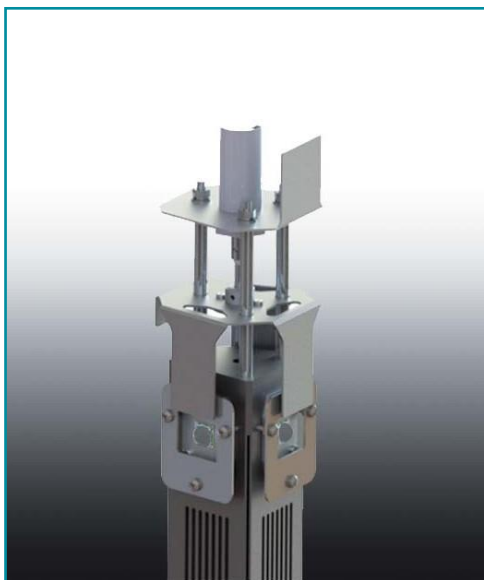




# LÂMPADAS DE FAROL LED

## MLL 50



The MLL 50 LED lamp is especially developed for long-range optical systems in lighthouses, both rotating and flashing ones.

Consisting of a high-power LED light source, its design is custom-made in each case, in order to optimise its efficiency and obtain the maximum luminous intensity.

With 60W power, it can replace lamps of up to 1,000W power, with an important saving in both energy and infrastructure, by keeping the original luminous range of the lighthouse.

Its exceptional thermal management and its current regulation system ensure a lamp service life of 100,000 hours, so that maintenance intervals significantly decrease.

## CARACTERÍSTICAS

- ✓ With a 60W power it can achieve ranges of up to 26 nautical miles (1,150,000 Cd).
- ✓ Power supply system with current regulation and PWM adjustable power.
- ✓ Solar screen to avoid sun effect.
- ✓ Focus accuracy.
- ✓ Corrosion resistant.
- ✓ Specific design for each case, according to the type of lens and its array.
- ✓ 60W power in white colour (other powers available).
- ✓ Exceptional thermal management for higher LED efficiency.
- ✓ Lamp average life time of 100,000 hours.
- ✓ Red or green colour available, as option.



# LÂMPADAS DE FAROL LED MLL 18



A lâmpada de LED MLL 50 é especialmente desenvolvida para sistemas ópticos de longo alcance em faróis, tanto rotativos como intermitentes.

Consistindo em uma fonte de luz LED de alta potência, o seu design é personalizado em cada caso, a fim de otimizar a sua eficiência e obter a máxima intensidade luminosa.

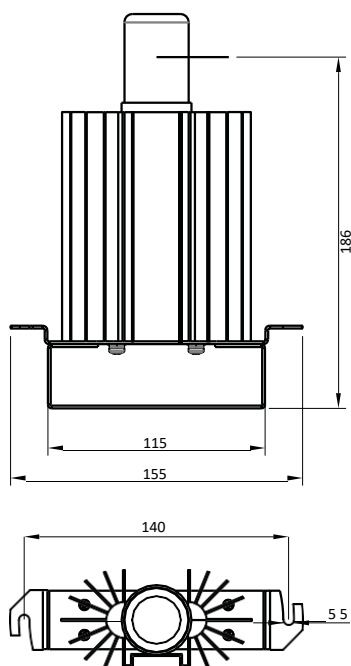
Com potência de 60W, ele pode substituir lâmpadas de até 1.000W de potência, com uma economia importante em energia e infraestrutura, mantendo a faixa luminosa original do farol.

Seu excepcional gerenciamento térmico e seu atual sistema de regulação garantem uma vida útil da lâmpada de 100.000 horas, de modo que os intervalos de manutenção diminuam significativamente.



Especificaciones sujetas a cambio sin previo aviso.

## CARACTERÍSTICAS



- ✓ Luminous range according to the lens used.
- ✓ Accurate lamp positioning.
- ✓ Average lifetime of 100,000 hours.
- ✓ Anodized aluminium diffuser.
- ✓ LED driver circuit incorporated.
- ✓ Terminal bolts in stainless steel.
- ✓ Corrosion resistant.
- ✓ Standard colours according to IALA Recommendations.
- ✓ Standard or customized fixing bridge.
- ✓ Compatible with a wide range of flashing lanterns.
- ✓ Optimum operation with our MF12 special flasher for LEDs.