



## **MIR LED**

Energy Efficient Solutions



# MIR LED solutions

Glamox has developed the MIR LED solutions consisting of the new MIR LED and a MIR LED Replacement Kit. MIR LED is based on long experience in the marine and offshore segment, and is designed for technical rooms, engine rooms, freezing rooms and on-deck applications.

## MIR LED Replacement Kit – From tubes to LEDs

### Reduced energy cost

Replacing the existing fluorescent tubes in MIR can reduce power consumption with more than 50%. This means saved energy costs.

### Reduced maintenance cost

Transition from tubes to LED in MIR will increase the lifetime substantially and reduce the maintenance costs.

### Easy replacement

Our MIR LED Replacement Kit is equipped with a quick connector for easy and fast replacement in standard MIR with fluorescent tubes.

The MIR LED Replacement Kit is available in 2000lm, 2500lm and 5000lm, and is approved for temperatures down to -25°C and up to +45°C.

The MIR LED Replacement Kit is available with the same light output as MIR with T8-tubes. This means that you can change from tubes to LED one to one with our MIR LED Replacement Kit.

### Options

- Available with internal or external battery backup.
- Available in 2 lengths: 18W and 36W.
- Please see our web for more details and information.

[www.glamox.com/gmo](http://www.glamox.com/gmo)



The MIR LED solutions are covered by a five year warranty. More information available on [www.glamox.com/gmo](http://www.glamox.com/gmo)



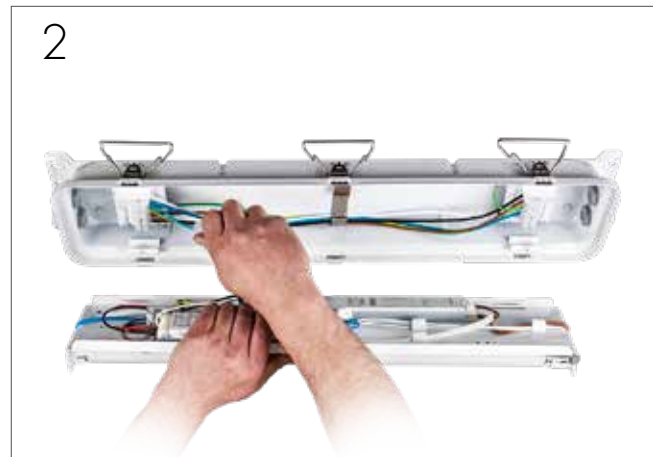


# From tubes to LEDs – step by step in just a few seconds

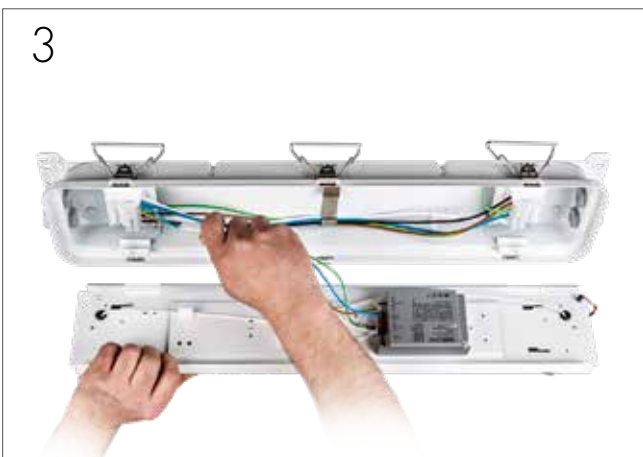
Our new MIR LED Replacement Kit is easy to use due to the tray concept. All mechanical parts, fixing and cable glands remain unchanged in the luminaire. All you need to change is the gear tray, an easy solution for converting to LED even without cutting the electrical circuits. The MIR LED Replacement Kit comes with quick connector and no wiring is required. An easy, fast and cost efficient solution.



1  
Remove diffuser.



2  
Remove gear tray.



3  
Replace with our new MIR LED Replacement Kit.



4  
Reinstall diffuser.



When replacing fluorescent tubes with LEDs, always calculate the power consumption in relation to the number of installed light fixtures.

- MIR LED 2000lm/2500lm: Maximum quantities of drivers on MCB 16A Type B: 18 pcs. 16A Type C: 28 pcs.
- MIR LED 5000lm: Maximum quantities of drivers on MCB 16A Type B: 12 pcs. 16A Type C: 20 pcs.

Update your installation to  
the new energy efficient  
and long lasting solution.



# MIR LED luminaire

## – For demanding applications

MIR LED luminaire has a lifetime of 50.000 hours at +45°C ambient temperature, which means that maintenance is kept to a minimum.

MIR LED luminaire is the perfect choice for demanding applications, and is approved for temperatures down to -25°C and up to +45°C in the standard version.

MIR LED luminaire is robust, vibration resistant and applicable for demanding areas with IP ratings of IP54 and IP66/67.

### **Light output and temperature**

The MIR LED luminaire is supplied with lumen output packages of 2500lm and 5000lm. The diffuser is designed to reduce glare and deliver excellent evenness.

### Options

- Available with internal or external battery backup.
- Available in 2 lengths: 681 mm and 1291 mm.
- Nemko marine approved.
- Please see our web for more details and information.

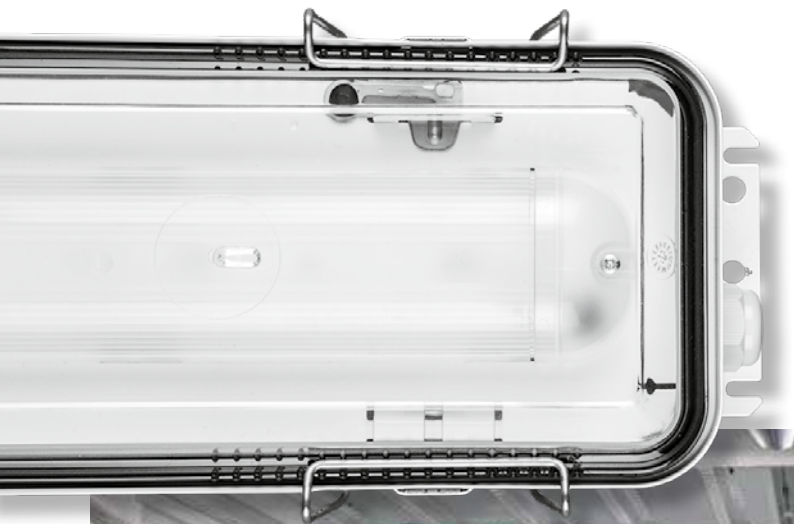
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# MIR LED luminaire

– Quality and reliability



## **Energy efficient**

MIR LED luminaire is using cutting edge LED technology. It reduces costs due to low energy consumption compared to a conventional luminaire.

## **Easy maintenance**

MIR LED luminaire is specially designed for easy maintenance with its quick connector and user friendly clips.

## **Robust design**

MIR LED luminaire has a stainless steel housing and a solid polycarbonate diffuser. It can withstand a high level of vibration and is marine approved.

## **Flexible design**

MIR LED is open for through wiring, and is available in a wide voltage range. Customers can choose from a wide range of mounting and gland options. It is available as emergency with internal or external battery backup.



# Proven quality

Long experience from the MIR family has shown that it is a fixture that can withstand heavy loads through the years. For instance, on their perpetual voyage across the world's oceans our lights have to resist lowest and highest temperatures, as these might travel in the Arctic seas as well as in equatorial regions. The lights have to withstand rough seas as well as high temperatures exposed to direct sunlight.

In any circumstance, the new developed MIR LED solutions must operate flawlessly and reach it's ranges of visibility and light colours specified. To meet these very highest quality standards, none of our products leave our laboratories before they have passed the most stringent tests and examinations.





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Product brands:

