

## DME-EUMT – Heavy duty design

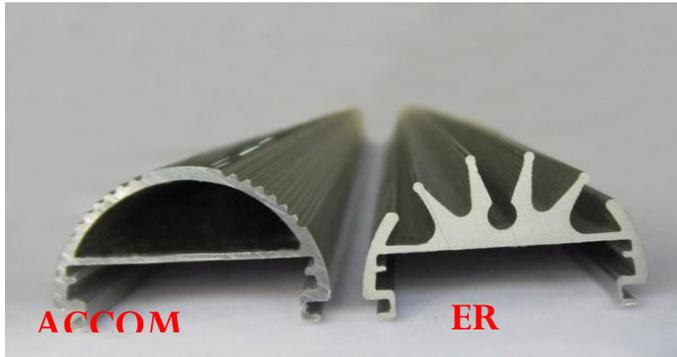
The DME-EUMT LED series is a marine solution customized for heavy duty shipboard LED installations, which offer high resistance against vibrations, power peaks and high temperatures. These features make these products the ideal choice for Engine room applications and installations in other aggressive environments. This product line provides high quality and long lasting performance.

The design specification is the result of substantial research and testing and the result is the most specialized marine product on the market. Our products deliver high quality in a well-balanced cost performance ratio – and afford an amazing return of investment.

### Main Features

- **DME-EUMT** use specially designed marine power-supplies that are feeding power to both ends of the tubes which ensure an ultralow consumption and very efficient heat dissipation. These features reduce the heat impact on the LED's to a minimum which again extend the lifetime for tubes significantly, especially in hot areas like the engine room
- The high quality 6063 Aluminum alloy body is specially designed for maximum heat diversion in order to ensure long longevity and constant high lumens. The smart center support clip prevents bending of the body, and the covers meet the highest heat resistance standards.
- The LED's are specially arranged to ensure a large viewing angle which provides excellent light spread and unique lumen values over a large area
- The driver is the heart of the system and is specially designed for high vibration resistance. The drivers used in these products have a much higher tolerance against voltage surges than conventional products designed for land based use
- The drivers used for the engine room tubes are moreover especially designed to avoid heat passing through the LED's and the safety standards meet the CE requirements.
- The PCB is UL certified and we are only using highest quality LED chips. All part of these product are UV, cadmium , lead and mercury free

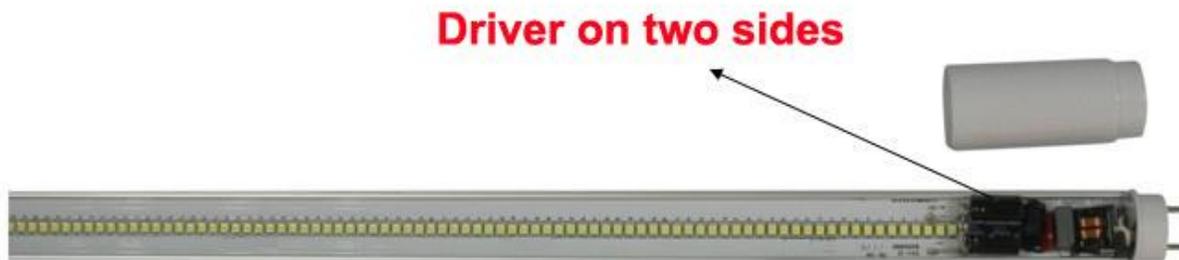
The unique finned aluminum alloy body secures a unique heat diversion



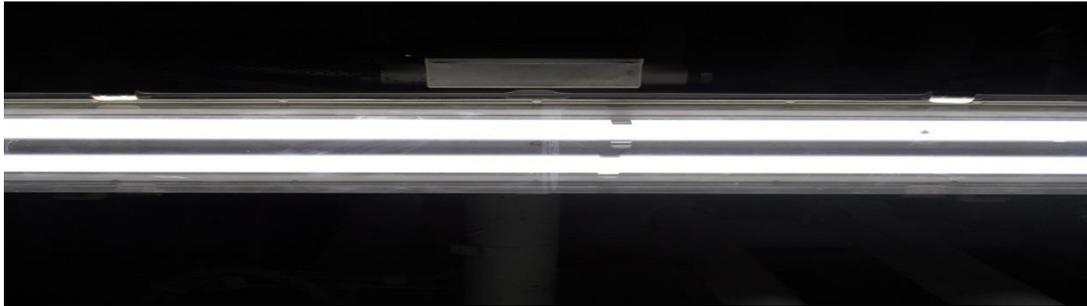
- ❖ Unique design of fin shape aluminum alloy with wider heat dissipation area and better heat dissipation ability 2.5 times the tubular type

**Specialized marine LED for rough environments.**

The open two sided driver architecture ensures maximum heat radiation and secures the lowest possible temperature and maximum longevity

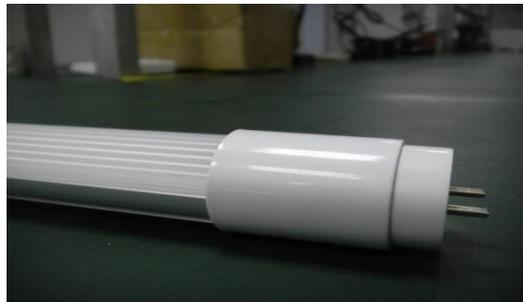


## Smart and efficient design prevents the most common problems



The well-known problem of tubes bending on the middle in hot and vibrating environments is not a problem using the **DME-EUMT** products. All pipes in critical areas are installed with a stainless steel clip on the middle.

**The clip and the finned body** prevent two problems - faced by many similar products, namely vibrations going into destructive loops, and then of course it terminates the bending problem completely.



# DME-EUMT LED LIGHT

A light efficiency of 92-97% makes it the most efficient LED light on the market, and the higher degree of light efficiency the better color quality can be obtained.

Due to the extreme power efficiency, **DME-EUMT** offers a very high CRI. For all products it maintains between 75 and 90 which makes it the most comfortable LED light on the market.

We carefully install individual kelvin values for the specific areas onboard which creates a unique light comfort for leisure and work

