

## 3nM RED LIGHT NIGHT MODE

SAFE AREA IP66



# MARINE NAVIGATION AIDS

## 3nM RED LIGHT NIGHT MODE

Polycarbonate UV resistant dome

Twilight sensor\*

Stabilised light output  
LIOL-A: >10cd  
LIOL-B: >32cd  
LIOL-E: >32cd

- ▶ Standard circuits or TWIN\*
- ▶ Infrared version\*

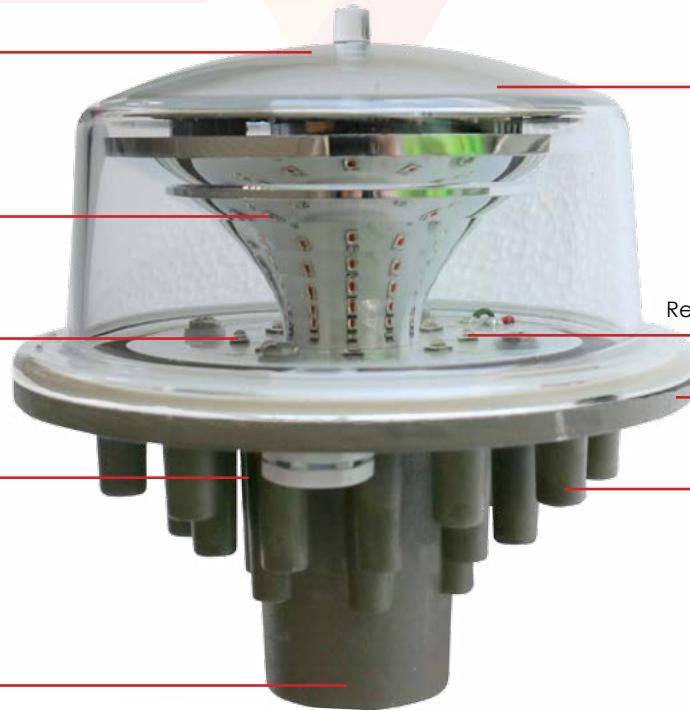
Based on LED technology  
Red flashing light (FAA)  
Red steady burning light (ICAO-FAA)

Polyurethane foam

Anti-condensation  
Gore-Tex valve

Anodised aluminium body  
with heat-sink pins

Thread 3/4" F NPT



\*as option

## SEVERAL INTERNATIONAL PATENTS: GRANTED AND PENDING

The Auxiliary night beacons "MNL-LXS-3nM" is used for structures located in a **safe area**, to support Primary beacons to defining the obstacle.

The Auxiliary signaling beacons are installed at the ends of the structures only if the primary signaling beacons are not sufficient (for example, connection bridges between several platforms).

The structures that are generally signalled with these night lights, which provide visibility from 3 nautical miles away, are: large offshore platforms and other individual structures placed in navigable waters.

### CERTIFICATIONS



### FEATURES



### TYPICAL APPLICATION



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## 3nM RED LIGHT NIGHT MODE TECHNICAL SPECIFICATIONS

### KEY FEATURES

- Based on LED technology
- 3nM (nautical mile) night mode, red flashing (Morse Letter "U")
- Long life time >10 years life expectancy
- Low consumption
- Stabilised light output
- Lightweight and compact
- Low wind load factor
- Alarm/remote status control
- Easy to install
- No RF-radiations
- Light output alignment device
- Patented beacon:  
(Germany 20 2011 107 787.3;  
France 1160162)

### OPTICAL FEATURES

- Horizontal beam radiation 360°
- Vertical beam spread >2,5°
- PMMA lens

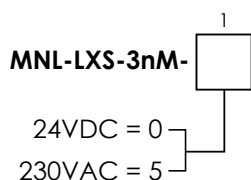
### OPTIONS

- Power supply AC or DC

### ELECTRICAL FEATURES

- Power supply for external control panel
- Average power consumption for night mode: 2W
- LED feeded at constant current
- Lightning protection inside controller

### ORDER CODE



### MECHANICAL FEATURES

- Anodised aluminium body with heat-sink pins on the bottom
- Polycarbonate UV Resistant Dome
- Silicon gasket
- Degree of protection: IP66
- Operating temperature: -20°C to +50°C
- Storage temperature: -20°C to +50°C
- Lamp unit weight: 1kg

### APPLY TO

- Offshore structures classified as safe areas. Use as subsidiary light located to mark the horizontal extremities of the structure excepting those mark with white lights as well as interconnecting bridges.

### CERTIFICATIONS

- Standard marking schedule for offshore installations, Decc 04/11
- CE marking

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### WALL MOUNTING AND JB

