



Navigation Lights



Signalling Lights



Searchlights



Air Horns



# DHR60 LED

With the DHR60 LED, DHR introduces a versatile navigation light. Thanks to a robust design it is the ideal solution for heavy and demanding work in marine environments. Because of its excellent visibility characteristics and an integrated spare functionality, the DHR60 LED guarantees safety at sea in all weather conditions. The use of automotive LEDs and high quality components assures the most robust and durable product in its class. Interference noise does not occur and with a 50,000 hrs lifetime it reduces expensive maintenance costs to a minimum. On top of this, the DHR60 LED is unique in its easy serviceability, which makes this lantern the best choice for secure and responsible boating

## MATERIALS

- Black, hard anodised seawater resistant aluminium
- POM insulation sleeves to prevent galvanic corrosion
- UV-Resistant borosilicate glass lens
- Epoxy potted power supply for maximum protection

## APPLICATION

- Seagoing vessels with a length from 20 to 50m
- Inland navigation vessels with a length longer than 20m

## SPECIFICATIONS

Power Supply: 24V  
 Lifetime: 50,000 Hrs  
 Visibility: 2 NM - 5 NM  
 Operation Temperature: -25 to +55 °C  
 Protection Class: IP66

Approvals:



Meets UL1104

## QUALITY STANDARDS



Main and spare LED Modules



24VDC (-20%/+30%)  
 Max. 20W



Maintenance friendly



+5 yrs

Extended operational lifetime



No noise interference



+55°C  
 -25°C

Excellent thermal management



Robust design





















Waterproof IP66

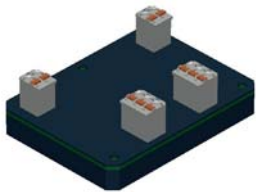


Advanced Maritime Signalling Solutions

## AVAILABLE MODELS

| Sector lights              | Min. Visibility  | LED Colour  | Power | Art. Code   |
|----------------------------|------------------|---|-------|-------------|
| Starboard                  | 3 NM             |    | 4 W   | 60.01.00.00 |
| Port light                 | 3 NM             |    | 4,5 W | 60.02.00.00 |
| Masthead                   | 6 NM             |    | 12 W  | 60.03.00.00 |
| Stern                      | 3 NM             |    | 4 W   | 60.04.00.00 |
| Towing                     | 3 NM             |    | 4,5 W | 60.04.09.00 |
| All-round lights           | Min. Visibility  | LED Colour  | Power | Art. Code   |
| White                      | 3 NM             |    | 4 W   | 60.06.00.00 |
| Manoeuvring                | 5 NM             |    | 16 W  | 60.06.10.00 |
| Red                        | 3 NM             |    | 4,5 W | 60.07.00.00 |
| Dredging Lights            | 3 NM             |    | 4 W   | 60.07.08.00 |
| Green                      | 3 NM             |    | 4 W   | 60.08.00.00 |
| Yellow                     | 3 NM             |    | 4,5 W | 60.09.00.00 |
| Blue                       | 2 NM             |    | 4 W   | 60.10.00.00 |
| Special sector lights      | Min. Visibility  | LED Colour  | Power | Art. Code   |
| Stern - Red (Suez light)   | 3 NM             |    | 4,5 W | 60.04.07.00 |
| All-round lights, screened | Min. Visibility  | LED Colour  | Power | Art. Code   |
| White                      | 3 NM White       |    | 4 W   | 60.06.01.80 |
| NUC                        | 3 NM Red         |    | 4,5 W | 60.07.01.80 |
| CbD / RIM                  | 3 NM Red / White |   | 4 W   | 60.07.06.80 |
| Green                      | 3 NM Green       |  | 4 W   | 60.08.01.80 |
| Yellow                     | 3NM Yellow       |  | 4,5 W | 60.09.01.80 |

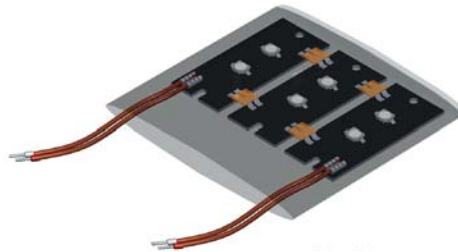
## SERVICE KIT



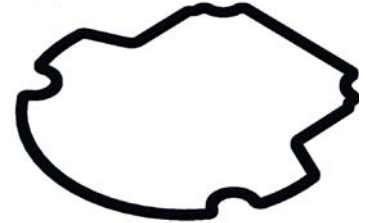
LED-Driver



Gasket Ø91x4 (2x)



LED MC-PCB



Base plate gasket

| Item | Navigation light                         | Description                    | Number      |
|------|--|--------------------------------|-------------|
| A    | Starboard<br>All-round green             | Maintenance kit for: green     | 60.99.00.30 |
| B    | Port light<br>Stern Red<br>All-round red | Maintenance kit for: red       | 60.99.00.31 |
| C    | Masthead                                 | Maintenance kit for: white 5NM | 60.99.00.32 |
| D    | Stern<br>All-round white                 | Maintenance kit for: white 2NM | 60.99.00.33 |
| E    | Towing light<br>All-round yellow         | Maintenance kit for: yellow    | 60.99.00.34 |



**Den Haan Rotterdam**  
Fascinatio Boulevard 1182  
2909 VA Capelle a/d IJssel  
T +31 (0) 10 41 30 755  
E sales@dhr.nl  
www.dhr.nl

Distributed by:



**Imtra Corporation**  
30 Samuel Barnet Blvd.  
New Bedford, MA 02745  
508-995-7000 www.imtra.com