



Navigation Lights



Signalling Lights



Search Lights



Air Horns



DHR80 LED

With the all new DHR80 LED, vessels with a length of over 50 meters can also be fitted with DHR LED Technology. Its modern, innovative and rugged design makes the DHR80 LED yet another standard in navigation lighting. 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 DHR80 LED is unique in its easy serviceability, which makes it the best choice for safety in all weather conditions.

MATERIALS

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

APPLICATION

Seagoing vessels with a length of over 50m

SPECIFICATION

Power Supply: 24V
 Lifetime: 50,000 Hrs
 Visibility: 3 NM - 6 NM
 Operation Temperature: -25 to 55 °C
 Protection Class: IP66
 Approval: MED  (pending)

QUALITY STANDARDS



Main and spare LED Modules



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



Maintenance friendly



Extended operational lifetime



No noise interference



Excellent thermal management



Robust design



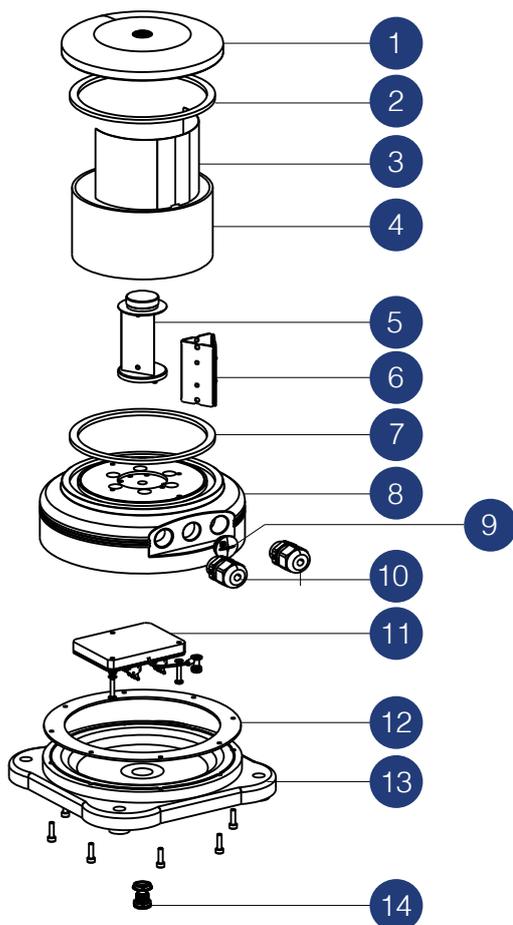
Waterproof IP66



Advanced Maritime Signalling Solutions

AVAILABLE MODELS

Sector lights	Min. Visibility	LED Colour	Power	Art. Code
Starboard	3 NM	Green	3 W	80.01.00.00
Port light	3 NM	Red	4,5 W	80.02.00.00
Masthead	6 NM	White	16 W	80.03.00.00
Stern	3 NM	White	3 W	80.04.00.00
Towing	3 NM	Yellow	4,5 W	80.04.09.00
All-round lights	Min. Visibility	LED Colour	Power	Art. Code
White	3 NM	White	3 W	80.06.00.00
Manoeuvring	5 NM	White	10 W	80.06.10.00
Red	3 NM	Red	4,5 W	80.07.00.00
Green	3 NM	Green	3 W	80.08.00.00
Yellow	3 NM	Yellow	4,5 W	80.09.00.00
Blue	2 NM	Blue	3 W	80.10.00.00
Special sector lights	Min. Visibility	LED Colour	Power	Art. Code
Stern - Red (Suez light)	3 NM	Red	4,5 W	80.04.07.00
All-round lights, screened	Min. Visibility	LED Colour	Power	Art. Code
White	3 NM	White	3 W	80.06.01.80
Red	3 NM	Red	4,5 W	80.07.01.80
Green	3 NM	Green	3 W	80.08.01.80
Yellow	3 NM	Yellow	4,5 W	80.09.01.80



SPARE PARTS

Item	Part	Partnumber
1	Cover	80.99.00.90
2	Gasket Ø91x4mm	80.99.00.51
3	Screen side lights	80.99.00.80
	Screen masthead	80.99.00.81
	Screen stern	80.99.00.82
	Screen 180°	80.99.00.83
4	Glass tube	80.99.00.52
5	Heatsink	
6	LED circuit board	
7	Gasket Ø91x4mm	80.99.00.51
8	Hard anodised housing	
9	Plug M20x1.5	80.99.00.57
	Gasket 28x20x1,5	80.99.00.54
10	Cable gland M20x1.5	80.99.00.53
	Gasket 28x20x1,5	80.99.00.54
11	Power supply	
12	Base plate gasket	80.99.00.55
13	Polyamide base plate	
14	Membrane vent	80.99.00.58



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