



Navigation Lights



Signalling Lights



Searchlights



Air Horns



DHR80 LED

With the all new DHR80 LED, vessels with a length of over 50 meters can also be equipped 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 power supply for maximum protection

APPLICATION

Seagoing vessels over 50m in length

SPECIFICATION

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



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

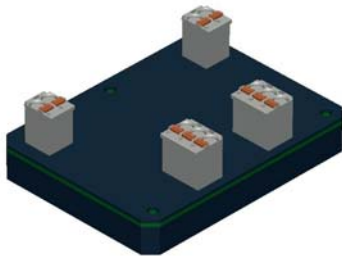


Advanced Maritime Signalling Solutions

AVAILABLE MODELS

Sector lights	Min. Visibility	LED Colour	Power	Art. Code
Starboard	3 NM		6 W	80.01.00.00
Port light	3 NM		6 W	80.02.00.00
Masthead	6 NM		18 W	80.03.00.00
Stern	3 NM		5,5 W	80.04.00.00
Towing	3 NM		6 W	80.04.09.00
All-round lights	Min. Visibility	LED Colour	Power	Art. Code
White	3 NM		5,5 W	80.06.00.00
Manoeuvring	5 NM		16 W	80.06.10.00
Red	3 NM		6 W	80.07.00.00
Dredging Lights	3 NM		6 W	80.07.08.00
Green	3 NM		6 W	80.08.00.00
Yellow	3 NM		6 W	80.09.00.00
Blue	2 NM		4 W	80.10.00.00
Special sector lights	Min. Visibility	LED Colour	Power	Art. Code
Stern - Red (Suez light)	3 NM		6 W	80.04.07.00
All-round lights, screened	Min. Visibility	LED Colour	Power	Art. Code
White	3 NM		5,5 W	80.06.01.80
NUC	3 NM		6 W	80.07.01.80
CbD / RIM	3 NM		5,5 W	80.07.06.80
Green	3 NM		6 W	80.08.01.80
Yellow	3NM		6 W	80.09.01.80

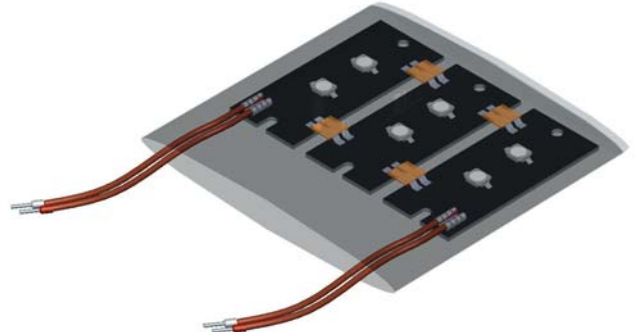
SERVICE KIT



LED-Driver



Gasket Lens DHR80 (2x)



LED MC-PCB

Item	Navigation light	Description	Number
A	Starboard	Maintenance kit for: green	80.99.00.30
	All-round green		
B	Port light	Maintenance kit for: red	80.99.00.31
	Stern Red		
	All-round red		
C	Masthead	Maintenance kit for: white 6NM	80.99.00.32
D	Stern	Maintenance kit for: white 3NM	80.99.00.33
	All-round white		
E	Towing light	Maintenance kit for: yellow	80.99.00.34
	All-round yellow		



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



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:



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

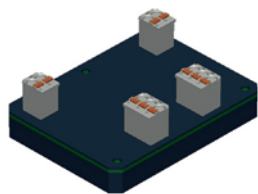
Sector lights	Min. Visibility	LED Colour	Power	Art. Code
Starboard	2 NM		4 W	60.01.00.00
Port light	2 NM		4,5 W	60.02.00.00
Masthead	5 NM		12 W	60.03.00.00
Stern	2 NM		4 W	60.04.00.00
Towing	2 NM		4,5 W	60.04.09.00

All-round lights	Min. Visibility	LED Colour	Power	Art. Code
White	2 NM		4 W	60.06.00.00
Manoeuvring	5 NM		16 W	60.06.10.00
Red	2 NM		4,5 W	60.07.00.00
Dredging Lights	2 NM		4 W	60.07.08.00
Green	2 NM		4 W	60.08.00.00
Yellow	2 NM		4,5 W	60.09.00.00
Blue	1 NM		4 W	60.10.00.00

Special sector lights	Min. Visibility	LED Colour	Power	Art. Code
Stern - Red (Suez light)	2 NM		4,5 W	60.04.07.00

All-round lights, screened	Min. Visibility	LED Colour	Power	Art. Code
White	2 NM		4 W	60.06.01.80
NUC	2 NM		4,5 W	60.07.01.80
CbD / RIM	2 NM		4 W	60.07.06.80
Green	2 NM		4 W	60.08.01.80
Yellow	2 NM		4,5 W	60.09.01.80

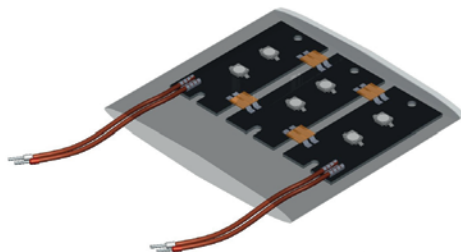
SERVICE KIT



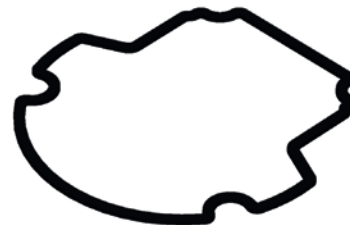
LED-Driver



Gasket Ø91x4 (2x)



LED MC-PCB



Base plate gasket

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



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



Navigation Lights



Signalling Lights



Searchlights



Air Horns



DHR40 LED

The DHR40 LED, our most compact navigation light with LED technology. Ideally suited for small and agile vessels, because of its excellent visibility characteristics at high vertical angles. With a well thought out design, where style meets functionality, the DHR40 LED sets the standard in navigation lighting. Another distinctive feature is the availability of a flashing option. The use of automotive leds and high quality components assures the most robust and durable in its class. Interference noise does not occur and with a 50.000 hour lifetime it reduces expensive maintenance costs to a minimum.

MATERIALS

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

APPLICATION

Vessels less than 20m in length

SPECIFICATIONS

Power Supply: 24VDC
 Lifetime: 50,000 Hrs
 Visibility: 2 NM - 3 NM
 Operation Temperature: -25 to +55 °C
 Protection Class: IP66
 Approvals:



QUALITY STANDARDS:



Visibility at high vertical angles



24VDC (-20%/+30%)
Max. 3W



Maintenance friendly



+5 yrs

Extended operational lifetime



No noise interference



+55°C
-25°C

Excellent thermal management



Robust design













IP 66

Waterproof IP66



Advanced Maritime Signalling Solutions

AVAILABLE MODELS

Sector lights	Min. Visibility	LED Colour	Power	Base Mounted	Side Mounted
				Art. Code	Art. Code
Starboard	2 NM		3 W	40.01.00.00	40.01.00.01
Port	2 NM		3 W	40.02.00.00	40.02.00.01
Masthead	3 NM		3 W	40.03.00.00	40.03.00.01
Stern	2 NM		3 W	40.04.00.00	40.04.00.01
Towing	2 NM		3 W	40.04.09.00	40.04.09.01
All-round lights	Min. Visibility	LED Colour	Power	Art. Code	Art. Code
White	2 NM		3 W	40.06.00.00	40.06.00.01
Red	2 NM		3 W	40.07.00.00	40.07.00.01
Green	2 NM		3 W	40.08.00.00	40.08.00.01
Yellow	2 NM		3 W	40.09.00.00	40.09.00.01
Blue	2 NM		3 W	40.10.00.00	40.10.00.01

SERVICE KIT



LED Driver



LED PCB



Gasket DHR40



Membrane Vent



O-ring DHR40

Item	Navigation light	Description	Number
A	Starboard All-round green	Maintenance kit for: green	40.99.00.30
B	Port light Stern Red All-round red	Maintenance kit for: red	40.99.00.31
C	Masthead Stern All-round white	Maintenance kit for: white	40.99.00.32
D	Towing light All-round yellow	Maintenance kit for: yellow	40.99.00.34
E	Panama steering light All-round blue	Maintenance kit for: blue	40.99.00.35



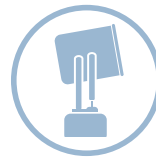
Den Haan Rotterdam
 Fascinatio Boulevard 1182
 2909 VA Capelle a/d IJssel
 T +31 (0) 10 41 30 755
 E sales@dhr.nl
 www.dhr.nl



Navigation Lights



Signalling Lights



Searchlights



Air Horns

DHR73 LED

The DHR73 LED is a unique signalling light. Its multi-functional power supply can be connected to voltages ranging from 90 to 265VAC or 24VDC. Another distinctive feature is the possibility to configure the characteristics of the emitted light: continuous or four different flashing frequencies. The combination of these features makes the DHR73 extremely versatile. The use of automotive leds and high quality components assures the most robust and durable in its class. Interference noise does not occur and with a 50.000 hour lifetime it reduces expensive maintenance costs to a minimum. Another example that DHR is the pioneer on advanced maritime signalling solutions.



MATERIALS

- Chromated and powder coated seawater resistant aluminium
- POM insulation sleeves to prevent galvanic corrosion
- UV-Resistant borosilicate glass
- Epoxy potted power supply for maximum protection
- Easy to replace LEDs and power supply.

SPECIFICATIONS

Power Supply:	90-265VAC or 24VDC
Lifetime:	50,000 Hrs
Visibility:	2 NM - 5 NM
Operation Temperature:	-25 to 55 °C
Protection Class:	IP67
Flashing Interval:	30, 60, 120, 180 p/m

APPLICATION

- General signalling purposes (e.g. Suez)
- Vessels with dangerous cargo
- Vessels carrying out work
- Vessels of emergency services
- Obstruction light

QUALITY STANDARDS

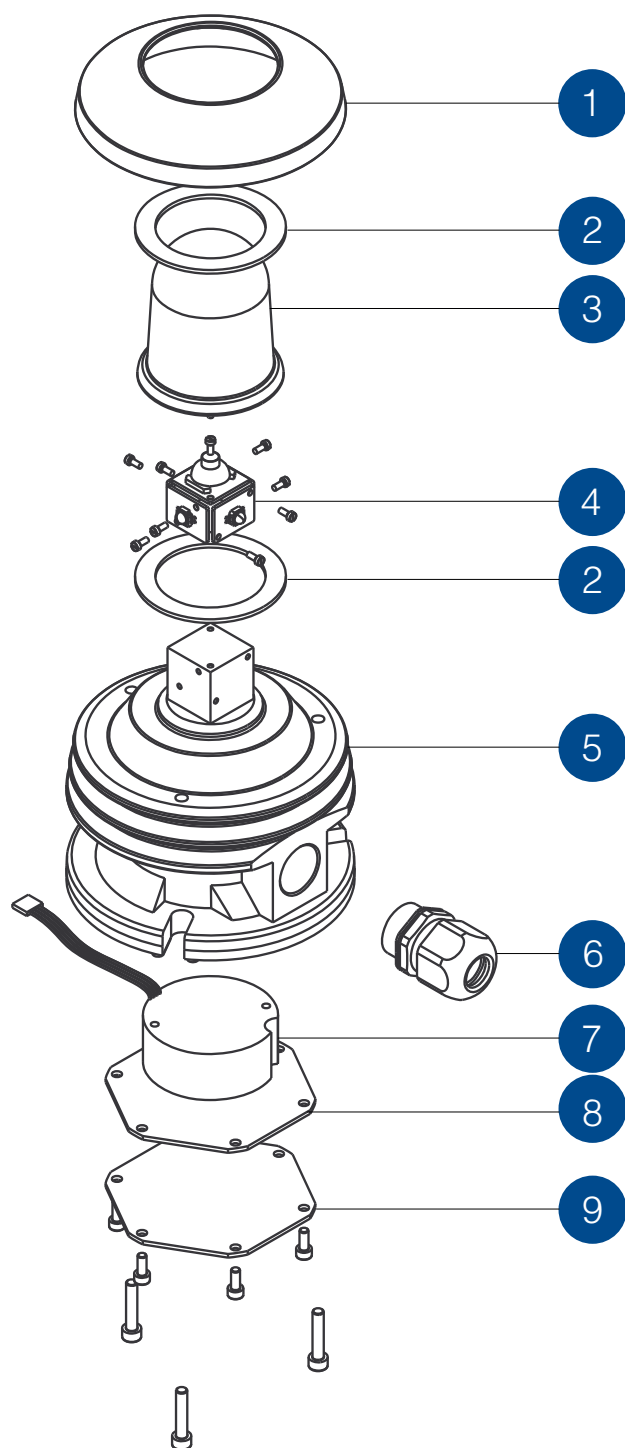
	Flashing or Continuous		No noise interference
	Maintenance friendly		Excellent thermal management
	Robust design		Extended operational lifetime
	90 to 265VAC or 24VDC (-20%/+30%) Between 7,5W & 12W (adjustable)		



Advanced Maritime Signalling Solutions

AVAILABLE MODELS

LED Colour	Min. Visibility	Power	Art. Code
White	5 NM	7,5 - 12 W	73.06.00.00
Red	3 NM	7,5 - 12 W	73.07.00.00
Green	3 NM	7,5 - 12 W	73.08.00.00
Yellow	3 NM	7,5 - 12 W	73.09.00.00
Blue	2 NM	7,5 - 12 W	73.10.09.00



SPARE PARTS

Item	Part	Partnumber
1	Cover	73.99.00.90
2	Gasket ø66mm	73.99.00.55
3	Well glass ø64x73 mm	73.99.00.52
4	Flexible MCPCB White	73.99.00.80
	Flexible MCPCB Red	73.99.00.81
	Flexible MCPCB Green	73.99.00.82
	Flexible MCPCB Yellow	73.99.00.83
	Flexible MCPCB Blue	73.99.00.84
5	Housing	73.99.00.91
6	Cable gland M25	73.99.00.11
7	Power supply	73.99.00.54
8	Gasket ø94,5 mm	73.99.00.60
9	Bottom plate	



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