



Navigation Lights



SINCE 1922



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 164' (50m) in length

SPECIFICATIONS

Power Supply: 24VDC
 Lifetime: 50,000 Hrs
 Visibility: 2 NM - 5 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



Extended operational lifetime



No noise interference



Excellent thermal management



Robust design









Waterproof IP66








Advanced Maritime Signalling Solutions

SINCE 1922

AVAILABLE MODELS

Sector lights	Min. Visibility	LED Colour	Power	Base Mounted	Side Mounted
				Art. Code	Art. Code
Starboard	2 NM		3W	DH40010000	DH40010001
Port	2 NM		3W	DH40020000	DH40020001
Masthead	3 NM		3W	DH40030000	DH40030001
Masthead	5 NM			DH40031000	DH40031001
Stern	2 NM		3W	DH40040000	DH40040001
Towing	2 NM		3W	DH40040900	DH40040901

All-round lights	Min. Visibility	LED Colour	Power	Art. Code	Art. Code
White	2 NM		3W	DH40060000	DH40060001
Red	2 NM		3W	DH40070000	DH40070001
Green	2 NM		3W	DH40080000	DH40080001
Yellow	2 NM		3W	DH40090000	DH40090001
Blue	2 NM		3W	DH40100000	DH40100001

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	DH40990030
B	Port light Stern Red All-round red	Maintenance kit for: red	DH40990031
C	Masthead Stern All-round white	Maintenance kit for: white	DH40990032
D	Towing light All-round yellow	Maintenance kit for: yellow	DH40990034
E	Panama steering light All-round blue	Maintenance kit for: blue	DH40990035





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

Vessels less than 164' (50 m)

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



Extended operational lifetime



No noise interference



Excellent thermal management



Robust design













Waterproof IP66

















Advanced Maritime Signalling Solutions











SINCE 1922

AVAILABLE MODELS

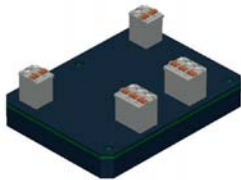
Sector lights	Min. Visibility	LED Color	Power	Art. Code
Starboard	2 NM	 	4W	DH60010000
Port	2 NM	 	4.5W	DH60020000
Masthead	5 NM	 	12W	DH60030000
Stern	2 NM	 	4W	DH60040000
Towing	2 NM	 	4.5W	DH60040900

All-round lights	Min. Visibility	LED Color	Power	Art. Code
White	2 NM	 	4W	DH60060000
Masthead	5 NM	 	16W	DH60061000
Red	2 NM	 	4.5W	DH60070000
Dredging Lights	2 NM	 	4W	DH60070800
Green	2 NM	 	4W	DH60080000
Yellow	2 NM	 	4.5W	DH60090000
Blue	1 NM	 	4W	DH60100000

Special sector lights	Min. Visibility	LED Color	Power	Art. Code
Stern - Red (Suez light)	2 NM	 	4.5W	DH60040700

All-round lights, screened	Min. Visibility	LED Color	Power	Art. Code
White	2 NM	White  	4W	DH60060180
NUC	2 NM	Red  	4.5W	DH60070180
CbD / RIM	2 NM	Red / White  	4W	DH60070680
Green	2 NM	Green  	4W	DH60080180
Yellow	2 NM	Yellow  	4.5W	DH60090180

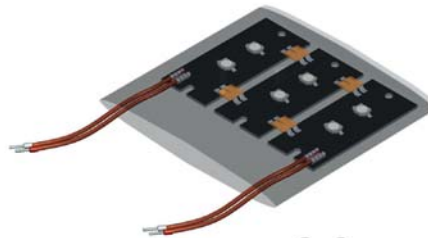
SERVICE KIT



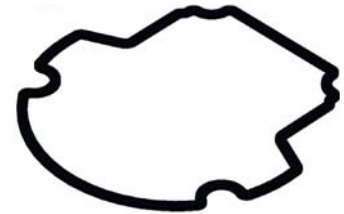
LED-Driver



Gasket Ø91x4 (2x)



LED MC-PCB



Base plate gasket

Item	Navigation light	Description	Number
A	Starboard All-round green	Maintenance kit for: green	DH60990030
B	Port light Stern Red All-round red	Maintenance kit for: red	DH60990031
C	Masthead	Maintenance kit for: white 5NM	DH60990032
D	Stern All-round white	Maintenance kit for: white 2NM	DH60990033
E	Towing light All-round yellow	Maintenance kit for: yellow	DH60990034





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

Vessels over 164' (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 +5 yrs
- No noise interference
- Excellent thermal management +55°C -25°C
- Robust design
- Waterproof IP66


















Advanced Maritime Signalling Solutions









SINCE 1922

AVAILABLE MODELS

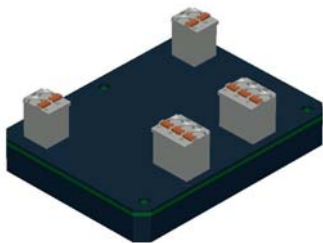
Sector lights	Min. Visibility	LED Color	Power	Art. Code
Starboard	3 NM	 	6W	DH80010000
Port	3 NM	 	6W	DH80020000
Masthead	6 NM	 	18W	DH80030000
Stern	3 NM	 	5.5W	DH80040000
Towing	3 NM	 	6W	DH80040900

All-round lights	Min. Visibility	LED Color	Power	Art. Code
White	3 NM	 	5.5W	DH80060000
Masthead	5 NM	 	16W	DH80061000
Red	3 NM	 	6W	DH80070000
Dredging Lights	3 NM	 	6W	DH80070800
Green	3 NM	 	6W	DH80080000
Yellow	3 NM	 	6W	DH80090000
Blue	2 NM	 	4W	DH80100000

Special sector lights	Min. Visibility	LED Color	Power	Art. Code
Stern - Red (Suez light)	3 NM	 	6W	DH80040700

All-round lights, screened	Min. Visibility	LED Color	Power	Art. Code
White	3 NM	 	5.5W	DH80060180
NUC	3 NM	 	6W	DH80070180
CbD / RIM	3 NM	 	5.5W	DH80070680
Green	3 NM	 	6W	DH80080180
Yellow	3NM	 	6W	DH80090180

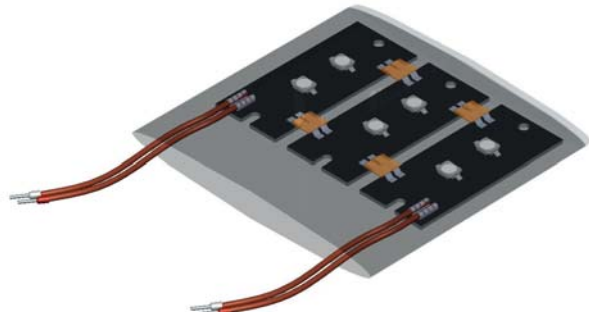
SERVICE KIT



LED-Driver



Gasket Lens DHR80 (2x)



LED MC-PCB

Item	Navigation light	Description	Number
A	Starboard All-round green	Maintenance kit for: green	DH80990030
B	Port light Stern Red All-round red	Maintenance kit for: red	DH80990031
C	Masthead	Maintenance kit for: white 6NM	DH80990032
D	Stern All-round white	Maintenance kit for: white 3NM	DH80990033
E	Towing light All-round yellow	Maintenance kit for: yellow	DH80990034





Imtra Corporation
30 Samuel Barnet Boulevard
New Bedford, MA 02745
508.995.7000 • www.imtra.com