

Norselight DM60 Daylight Signalling

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The Norselight DM60 signalling lantern fulfils the requirements and is fully approved to the MED Regulations and SOLAS, which states that "all ships over 150 tons gross tonnage, when engaged on international voyages, shall have onboard an efficient daylight signalling lamp which shall not be solely dependent upon the ship's main source of electrical power".

The 127mm (5") handheld signalling light can be used on all vessels, for ship to ship signalling using Morse Code. The light is of aluminium, light-weight and robust construction and is fully waterproofed. If desired this unit can be used as a spotlight if the signalling trigger and lamp switch are both left on. The Norselight DM60 is approved by the UK Maritime & Coastguard Agency (MCA).

Light reduction and coloured filters provide control light output as required. Tubular and V sights are fitted as standard. DM60 provides a handle mounted switch to operate the lantern. Signals are made by triggering the tubular shutter system which interrupts the light from the reflector.



Technical specifications:

Light source / Optic:

The signalling lamp is equipped with a 60W (QT60 P30D) halogen light source and 3 pcs spare lamps in accordance to the requirements. High polished aluminium reflector, safety front glass. Range 8nm. Red and Green filters are included.

Electrical specifications:

Voltage 115-230 / 12V, 115-230 / 24V.
 Connection 5,5 meter extendable cable.
 Intelligent switch mode battery charger with dual input 115V/230V.
 Charge rate 12V - 14,7V @ 1 Amp, 24V - 29,4V @ 0,5 Amp.
 Battery 12 Volt 7 Amp hour
 Battery life (12V) 80 minutes continuous usage, 2 hours signalling.
 Battery life (24V) 115 minutes continuous usage, 2 hours signalling.

Certificates:

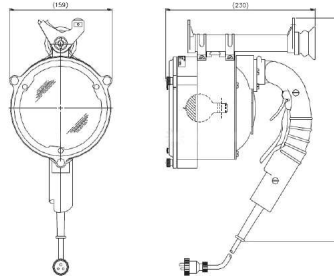
The DM60 holds multiple certificates such as MED, SOLAS, MSC, IMO.

Specifications:

Range of 8 miles. Beam divergence of 5°. Transmission rate of 12 words per minute achievable. Semi gloss black stoved enamel paint finish.

The kit includes:

High quality Polypropylene carrying case with bespoke foam inserts & integrated charging socket, 4 lamps, battery in case, switch mode battery charger, and red /green coloured filter set.
 As per MED / SOLAS requirements, each lantern should be supplied with 3 spare lamps and an approved portable battery pack. Other colored filters available upon request.



Article No.	Description
89NL1806053	DM60 FSP127 115-230V/24V NORMS stock status A
89NL1806055	DM60 FSP127 115-230V/24V NORMS stock status B

Aqua Signal Bremen Searchlight

Aqua Signal Bremen Portable LED Searchlight

A handheld searchlight with the latest LED technology. The luminaire is designed for nearly all kinds of search operations. The energy efficient searchlight can also be used to transmit Morse Code in emergency situations. Is certified with the internationally Wheelmark which aims to increase security at sea.

The Bremen LED is also suitable for life boats and for commercial crafts under SOLAS and MCA regulations. Can be used both inside and outside of any vessel. Rubber black housing gives it a solid grip, and is designed with an extended front edge for protecting the lens. The whole housing is impact and shock resistant, non-corrosive and non-magnetic. An ingress protection of IP68 is a requirement when at sea and it protects the light from dust and is suitable for continuous immersion in water. The 12W LED module is covered by a clear Fresnel lens. As a certified LED searchlight, it is tested for electromagnetic compatibility (EMC).

It is usable with 12-24 Volts. To use in ambient temperatures from -25° C up to +55° C.
 Comes with a 3 meter cable and an On/Off switch. Optional there are two mounting brackets and plug-in connections available.

Article No.	Description
89AQ3310001000	Bremen LED Searchlight Black 12-24V 12W

