

# LED Automatic Emergency Lantern



McGeoch Technology's **NEW** Automatic Emergency Lantern (AEL) is a solid state miniature unit utilising the very latest LED technology to provide controlled lighting over a 180° horizontal field of view. The unit is designed to illuminate for a minimum period of 6 hours following power failure. It will fully recharge within 16 hours of power being restored.

In an emergency situation, the AEL will provide clear exit lighting and with minimum maintenance, a long, trouble-free service life is guaranteed.

## FEATURES

- High intensity LED technology
- Unique light reflector
- Illumination test button with LED charging indicator
- Standard voltages:  
110V AC/DC and 240V AC
- Low power consumption
- High shock and vibration resistant
- Rugged, vandal-proof enclosure

## APPLICATIONS

- Naval emergency lighting
- Defence emergency lighting
- Industrial health and safety lighting
- Rail vehicle safety lighting

## SPECIFICATIONS

Meets and exceeds the following specifications:

- Vibration: DG Ships 350
- EMC to Defence Standard 59-41
- Operating Temperature: -40°C to +70°C
- Storage Temperature: -40°C to +100°C
- MTBF: 100,000 hours (11.5 years)
- Intrinsically safe version in progress
- Dimensions: 17cm (l) x 10cm (w) x 8cm (h)

## MATERIALS

- Base housing: Cast aluminium
- Clear lens: Acrylic

**NEW**

Founded in Scotland in 1832, the name of McGeoch has long been synonymous with engineering quality. Dedicated throughout almost all its 160-year history to the manufacture and supply of components for harsh environments, the company has remained at the absolute forefront of engineering innovation. Nowadays it supplies a wide range of products to an equally wide array of end-users in applications worldwide.

The company operates to the very highest quality standards and holds BS5750 Part 1, ISO9000 and BASEEFA approval.

## TYPICAL PRODUCTS INCLUDE

- LED and fluorescent lighting
- Traditional marine lighting
- Beacon and indicator lights
- Looms and harnesses
- Junction boxes and switches
- Connectors

## McGEOCH TECHNOLOGY OFFERS

- Leading edge optics and lighting technology
- E-business solutions
- Complete product packages
- Supply chain solutions

The company is committed to retaining its 'best in class' status for the supply of lighting and switchgear to the British Navy and are aiming to extend this status to other Navies around the world.

As part of the overall service offered by McGeoch Technology, we can provide a total project management service including everything from initial design, manufacture and specialist procurement through to installation and commissioning. Tell us what you want and leave the rest to us.



Approaching Birmingham on the M6, exit at junction 6 onto A38M. Exit at the second junction and at the roundabout bear right onto A4540. Cross lights into New John Street then turn first left into Summer Lane. Then take the third left into Lower Tower Street. Two car parks are available for parking.

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