

LED Exit Sign Luminaires

MetaLED

The **MetaLED** range provides excellent viewing distances of 36metres from a conventional package but with the advantage of using long life, low energy LEDs as a light source. The benefits of the modern white low power LEDs include long life (typically 50,000hours+), excellent energy efficiency(>100lm/W), low operating temperatures therefore improving the life of the internal batteries and good operation at low ambient temperatures.

MetaLED exit sign luminaires feature epoxy coated steel enclosures with screen printed opal polycarbonate legend panels enclosing integral rechargeable batteries and a PCB fitted with advanced wide angle white LEDs and efficient driver circuit.

OPERATION

The **MetaLED** range is supplied with Maintained operation as standard providing 3 hour duration from integral high temperature Nickel Cadmium (NiCd) batteries. (Non-maintained operation is available by excluding a switched live supply). Pictogram legend panels complying with the Safety Signs Regulations are supplied as standard but ISO sign formats are also available to special order. The luminaire offers bright and even luminance across the legend panel ensuring maximum visibility in the event of an emergency and have been tested and BSI Kitemark Certified to EN60598.2.22 and they are also Certified by United Arab Emirates Ministry of Interior Civil Defense GHQ.

DALI/Self-Test Options:

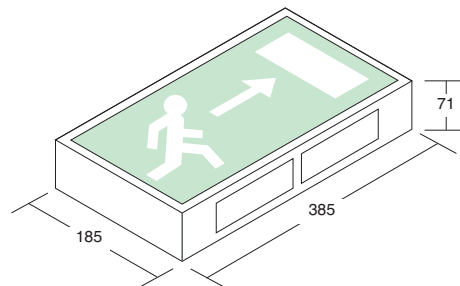
The **MetaLED** LED luminaires can be specified with integral DALI/Self-Test gear providing automatic Self-Test in accordance with BSEN62034 or fully interoperable DALI operation when connected to a DALI control system.



MD/M3/WH/SOAU

GENERAL DETAILS

Product	LED Bulkhead and Exit Sign
Light source	16 x white LEDs
Luminaire Lumens	N/A
Sign viewing distance	36m
Construction	Epoxy coated steel body with screen printed Polycarbonate legend panel
Geartray	Integral to base
Dimensions	385mm (L) x 185mm (W) x 71mm (H)
Cable entry	20mm knock-outs



All details and specifications shown in this document are deemed correct at time of publication. The right to modify equipment, change specifications and instructions without notice, is reserved as part of the Emergency Lighting Products Limited policy of continuous development and improvement. We endeavour to keep all our customers informed of any alterations as and when they occur.



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SPECIFICATION

	Maintained	Mains only
Light source	16 x white LEDs	
Colour temperature	4500K	
Luminaire lumens (mains)	N/A	N/A
Lumens (emergency)	N/A	N/A
IP rating	IP20	
Ambient temperature (Ta)	0 to 25°C	
Insulation class	Class I	
Supply voltage	230V ~ 50Hz	
Supply power	3.0W	2.4W
Charge power (typical)	1.7W	—
Battery	1 x 3.6V 1.5Ah NiCd	—
Weight	1.6kg	1.4kg



MD/M3/WH/ECAD

ORDER CODES

Description

MD/M3/WH Maintained emergency LED exit sign luminaire (WH = white epoxy coated body)
MD/230/WH Mains only LED exit sign luminaire (WH = white epoxy coated body)

NB: White as standard — other colours available to special order

OPTIONS: **/DALI** DALI or Self-Test emergency operation

LEGENDS:
/ECAR EC Format — Arrow Right
/ECAL EC Format — Arrow Left
/ECAD EC Format — Arrow Down
/ISOAR ISO Format — Arrow Right
/ISOAL ISO Format — Arrow Left
/ISOAU ISO Format — Arrow Up