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MexLITE Range

The **MexLITE** range of high quality LED exit sign luminaires is perfectly suited to modern architectural environments and available in two sizes for 25m and 30m viewing distances. Offering ease of installation, these luminaires feature a first fix plate. The attractive slim body and legend plate then clips into position. The safety sign legends can be fitted/changed on site by simply clipping the appropriate sign into the frame.
NOTE: a complete set of EC & ISO legends are supplied with each luminaire

The framed panel has a specially screen printed finish to ensure uniform illumination of the safety sign legend. Due to their slim design and different mounting options, **MexLITE** luminaires are ideal for integrating into new and existing installations.

All of the **MexLite** range is available in white finish and the **MexLite** ESA10 and ESA11 and associated recess bracket are also available in black finish. The **MexLITE** ESA09 and ESA11 can have the legend panel suspended at different levels by just slipping the wires through the locking clutch bushes. The SELV supply to the LEDs is fed through the suspension wires.

Adjustable suspension wire
Length: 15mm to 1 metre

MXL/ESA11/D2/LFP/BLK

'Universal' First fix plate

MXL/ESA10/D2/LFP

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OPERATION

The **MexLITE** luminaires are available with mains only or Maintained emergency operation. (All emergency versions provide 3 hour duration). Maintained versions can be used for standard switched mains lighting but will automatically provide emergency lighting in the event of a complete loss of normal mains supply. (Non-maintained operation is available by excluding a switched live supply).

MexLITE luminaires use the latest high efficiency, white LEDs, a 'smart' energy efficient battery charger/driver circuit and long-life Lithium Iron Phosphate batteries (LiFePO4).

The luminaires are designed to fully comply with the relevant parts of EN60598.2.22

DALI-2/Self-Test Options:

The **MexLITE** luminaires can be specified with integral DALI-2/Self-Test gear providing automatic Self-Test in accordance with BSEN62034 or fully interoperable DALI-2 operation when connected to a DALI control system.

MexLITE luminaires can be equipped with **SurePath BLE** Bluetooth addressable Gateway modules. *See Data Sheet.*

NOTE: Self-Test is available for all versions but DALI-2 operation is only available for the larger sizes — ESA10 & ESA11.

GENERAL DETAILS

NON-MAINTAINED

Product	LED Exit Sign (Fixed and Wire Suspended)
Light source	PCB mounted white LEDs
Sign viewing distances	25M (ESA08 and ESA09) 30M (ESA10 and ESA11)
Construction	White Polycarbonate (All Versions) Black Polycarbonate (ESA10 and ESA11)
Geartray	First fix plate
Dimensions	See line drawings
Cable entry	Top and back (first fix plate)

SPECIFICATION

Light source	PCB mounted white LEDs
Colour temperature	4500K
Luminaire Lumens	N/A
IP Rating	IP40
Ambient temperature (Ta)	0°C to 25°C
Insulation Class	Class II
Supply voltage	230V ~ 50Hz
Supply power (Maintained)	3.1W (ESA08/09) 4.0W (ESA10/11)
Supply power (Non-maintained)	0.8W
Charge power (typical)	0.7W
Battery (LiFePO4)	6.4V 0.6Ah (standard) 3.2V 3.2Ah (DALI)
Weight	2.5kg (max.)

Simple height adjustment

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WALL/CEILING MOUNTING WITH OPTIONAL WIRE SUSPENSION

MexLITE Exit Signs are suitable for Wall/Ceiling mounting and offer Wire Suspended versions. Mounting is achieved via a first fix plate which has fixing holes suitable for wall or ceiling mounting.

The Wire Suspended versions utilise parallel suspension wires that allow the height of the legend to be easily set by the use of two locking clutch bush mechanisms.

MXL/ESA09/LFP (small)
MXL/ESA11/LFP (large)

MXL/ESA11/D2/LFP (large)

OPTIONAL RECESSED MOUNTING or SIDE MOUNTING

MexLITE Exit Signs can be supplied with a ceiling recessing accessory allowing a standard body to recess into a ceiling cut-out mounting bracket. We also offer a side/flagpole mounting kit.

These are ideal for applications requiring a more aesthetic installation.

MXL/ESA11/LFP
(using white recessing accessory)

MXL/ESA10/D2/LFP/BLK
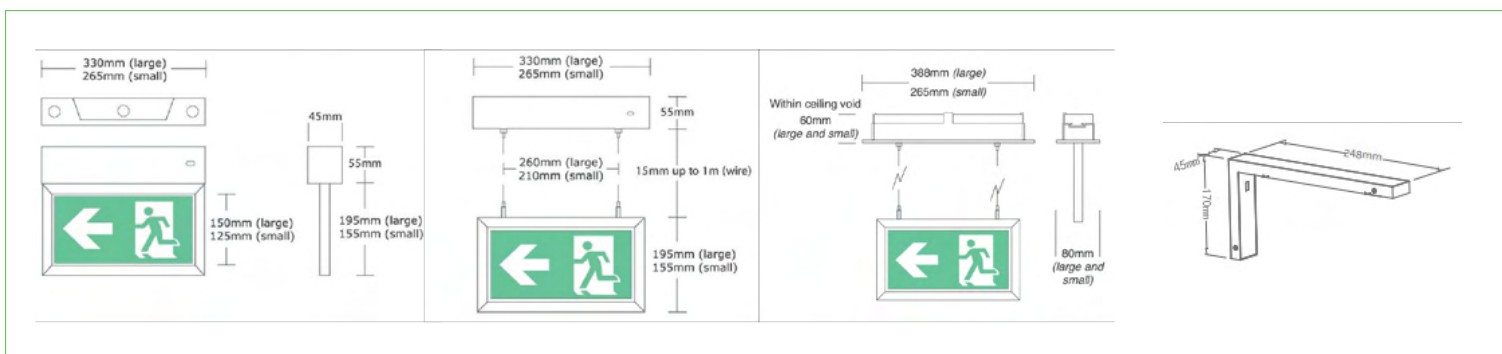**(using black recessing accessory)**

MXL/ESA10/LFP
(using white side mounting accessory)

DIMENSIONS

The two styles of **MexLITE** (fixed and wire suspended) are both available in two different sizes, providing viewing distances of 25 metres and 30 metres.

Large = 30m viewing distance

Small = 25m viewing distance

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Fixed and Wire Suspended Exit Sign Range - MexLITE RANGE

ORDER CODES | Description

25m viewing distance

ORDER CODES	Description
MXL/ESA08/LFP	Wall/Ceiling Mounted, 3 hour duration, Maintained, Non-Maintained
MXL/ESA09/LFP	Wall/Surface Mounted Wire Suspended, 3 hour duration, Maintained, Non-Maintained
MXL/ESA09/230	Wall/Surface Mounted Wire Suspended, Mains only

NB: All versions supplied with a complete set EC and ISO legend screens

30m viewing distance

ORDER CODES	Description
MXL/ESA10/LFP	Wall/Ceiling Mounted, 3 hour duration, Maintained, Non-Maintained, white finish
MXL/ESA10/D2/LFP	Wall/Ceiling Mounted, 3 hour duration, DALI-2 Maintained, Non-Maintained, white finish
MXL/ESA10/230	Wall/Ceiling Mounted, Mains only, white finish
MXL/ESA11/LFP	Surface Mounted Wire Suspended, 3 hour duration, Maintained, Non-Maintained, white finish
MXL/ESA11/D2/LFP	Surface Mounted Wire Suspended, 3 hour duration, DALI-2 Maintained, Non-Maintained, white finish
MXL/ESA11/230	Surface Mounted Wire Suspended, Mains only, white finish
MXL/ESA10/D2/LFP/BLK	Wall/Ceiling Mounted, 3 hour duration, DALI-2 Maintained, Non-Maintained, black finish
MXL/ESA11/D2/LFP/BLK	Surface Mounted Wire Suspended, 3 hour duration, DALI-2 Maintained, Non-Maintained, black finish

NB: All versions supplied with a complete set EC and ISO legend screens

OPTIONS:

/ST	Self-Test emergency operation (no DALI operation)
MXL/10-11/SBRKWH	White side mounting (flag) bracket (For MXL/ESA10 and 11 versions)
MXL/10-11/SBRKBL	Black side mounting (flag) bracket (For MXL/ESA10 and 11 versions)
MXL/ESA08-09/RB	White recessing bracket for recessed ceiling applications (For MXL/ESA08 and 09 versions)
MXL/ESA10-11/RB	White recessing bracket for recessed ceiling applications (For MXL/ESA10 and 11 versions)
MXL/ESA10-11/RB/BLK	Black recessing bracket for recessed ceiling applications (For MXL/ESA10 and 11 versions)

ADDITIONAL LEGENDS:

MXL/ESA08-09/ISO/**	MXL/ESA08 or 09 Single ISO format legend panel
MXL/ESA08-09/EC/**	MXL/ESA08 or 09 Single EC format legend panel
MXL/ESA10-11/ISO/**	MXL/ESA10 or 11 Single ISO format legend panel
MXL/ESA10-11/EC/**	MXL/ESA10 or 11 Single EC format legend panel

** = Add suffix AR-right or AL-left or AD-down or AU-up

MXL/ESA09/LFP
(with white recessing bracket)

MXL/ESA10/LFP (large)
MXL/ESA08/LFP/ (small)

MXL/10-11/SBRK/WH

MXL/ESA10/D2/LFP/BLK
(with black recessing bracket)

MXL/ESA10/D2/LFP/BLK (large) Black
MXL/ESA11/D2/LFP/BLK (large) Black

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