

## LED Exit Signs

### MexLITE Range

The ELP **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. (NB: 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.

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.

#### 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, an energy efficient battery charger/driver circuit and Nickel Cadmium (NiCd) batteries. The luminaires are designed to fully comply with the relevant parts of EN60598.2.22

#### DALI/Self-Test Options:

The **MexLITE** 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.

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



#### GENERAL DETAILS

Product	LED Exit Sign (Fixed and Wire Suspended)
Light source	14 x white LEDs
Luminaire Lumens	N/A
Sign viewing distances	25m (ESA08 and ESA09) 30m (ESA10 and ESA11)
Construction	ABS (flame retardant)
Geartray	First fix plate
Dimensions	See line drawings
Cable entry	Top and back (first fix plate)

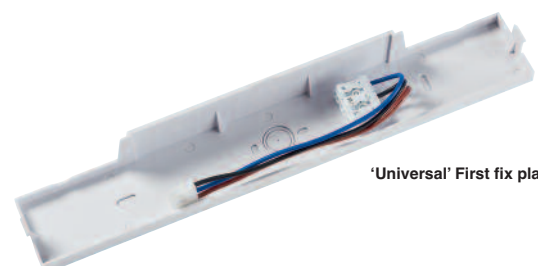


MXL/ESA08 and MXL/ESA10



Adjustable suspension wire  
Length: 15mm to 1metre

MXL/ESA09 and MXL/ESA11



'Universal' First fix plate

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 Light Solutions Engineering Ltd., policy of continuous development and improvement. We endeavor to keep all our customers informed of any alterations as and when they occur.

# LED Exit Signs

## SPECIFICATION

Light source	14 x white LEDs
Colour temperature	4500K
Luminaire Lumens	N/A
IP Rating	IP20
Ambient temperature (Ta)	25°C
Insulation Class	Class II
Supply voltage	230V ~ 50Hz
Supply power (Maintained)	2.6W (ESA 08/09) 3.1W (ESA 10/11)
Supply power (Non-maintained)	0.8W
Charge power (typical)	0.7W
Battery	3.6V 900mAh NiCd
Weight	2.5kg (max.)



MXL/ESA09/M3 (small) MXL/ESA11/M3 (large)



Simple height adjustment

## 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.

## Flag-Pole Mounting

The **MexLITE** Exit Sign can be supplied with a 'flag-pole' mounting bracket. This allows the housing to be mounted at 90 degrees to the wall. This feature is useful where it is not suitable to suspend the fitting from the ceiling.

## Recessed Mounting

**MexLITE** Exit Signs can be supplied with a ceiling recessing accessory allowing the standard body to recess into a ceiling cut-out mounting bracket. This feature is ideal for applications requiring a more aesthetic installation.



MXL/ESA11/M3/RB (using /RB recessing accessory)

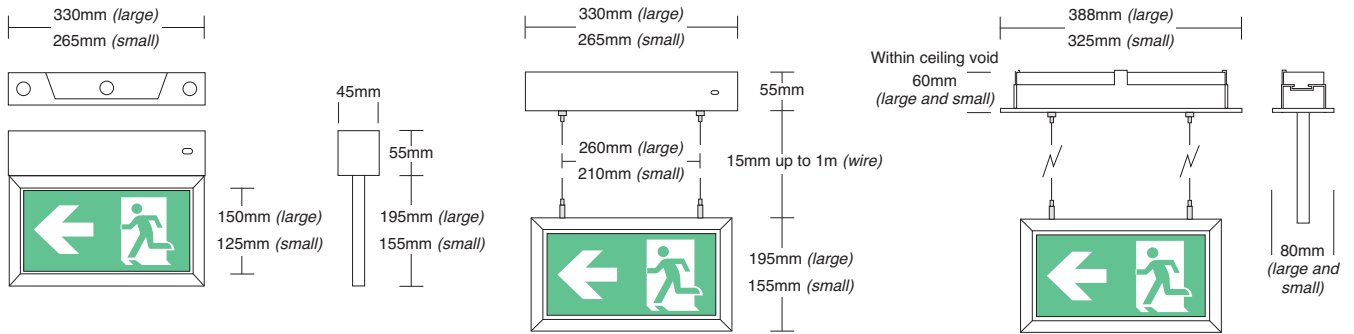
# LED Exit Signs

## 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**



### ORDER CODES

### Description

#### 25m viewing distance

**MXL/ESA08/M3**

Wall/Ceiling Mounted, 3 hour duration, Maintained, Switched Maintained, Non-Maintained with complete set of EC and ISO format Legend Panels (right/left/down/up)

**MXL/ESA09/M3**

Surface Mounted Wire Suspended, 3 hour duration, Maintained, Switched Maintained, Non-Maintained with complete set of EC and ISO format Legend Panels (right/left/down/up)

#### 30m viewing distance

**MXL/ESA10/M3**

Wall/Ceiling Mounted, 3 hour duration, Maintained, Switched Maintained, Non-Maintained with complete set of EC and ISO format Legend Panels (right/left/down/up)

**MXL/ESA11/M3**

Surface Mounted Wire Suspended, 3 hour duration, Maintained, Switched Maintained, Non-Maintained with complete set of EC and SO format Legend Panels (right/left/down/up)

#### OPTIONS:

**/STE**

Self-Test emergency operation (no DALI operation)

**/DALI**

DALI or Self-Test emergency operation. **NB:** Only available on **MXL/ESA10** and **MXL/ESA11** (30m viewing)

**ESA08-09/RB**

Recessing bracket for recessed ceiling applications (For ESA08 and 09 versions)

**ESA10-11/RB**

Recessing bracket for recessed ceiling applications (For ESA10 and 11 versions)

#### LEGENDS:

**MXL/EC/ISO**

Complete set of EC and ISO format legend panels (right/left/down/up)