

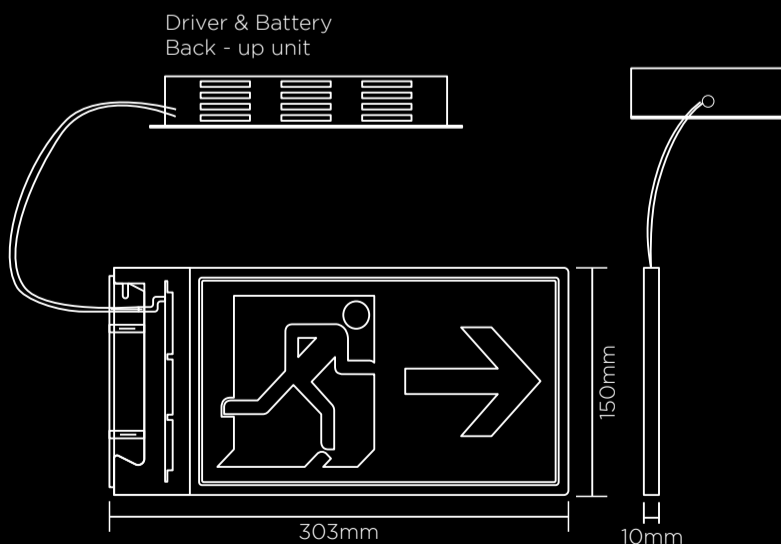


Fire escape safety sign EN7010 FE LED Flag

A premium quality range of Fire escape signs, designed to clearly identify emergency exits and escape routes, with empathy for modern architecture.

Conforming to ISO standard (soon to be European Norm EN7010) Signkit FE LED illuminated emergency fire exit sign is available in wall or ceiling mount formats. Both offering 'fit and forget' LED technology providing a long life span of at least 60,000 hours.

The sign comprises a silver anodised aluminium 25mm square Signblock, flush wall or ceiling mounted, supporting an 8mm thick clear acrylic panel with laser etched and infilled graphics, complete with a minimum 5 hour battery backup.



Technical specification for emergency LED power supply

The emergency kit includes driver and battery backup. Emergency kits are designed for low voltage LED's

The module accommodates:

- **Non-maintained power failure mode:** LED's illuminating only in event of power failure.
- **Maintained mode:** LED's illuminated permanently by driver, but in event of power failure become battery maintained.

Emergency conversion kit is made in accordance with safety directive UE/ PE-EN61347-2-7.

To meet the safety requirements modules are equipped with:

- **Electronic battery charging control system:** Controls the power level of the batteries. Prevents overcharging and maximises battery life.
- **Electronic battery discharge control system:** Controlling the discharge of power from the batteries to maintain constant illumination during discharge and to maximise battery life.
- **Automatic switch control system:** automatic power switch to battery maintained mode in event of power failure.
- **Visual LED system:** Indicates the presence of power and charging process.

Conforms to EU standards:

Safety - PN-EN 61347-2-7

Disturbance elimination - PN-EN 55015

Resistance for disturbance - PN-EN 61547



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IP protection	IP20
Input voltage	AC 230V/50Hz
Output voltage	DC12V
Maximum load output	0,25A
Power consumption from the battery	max 1A
Frequency	20-40 kHz
Reaction time in event of power failure	0,1s
Battery nominal voltage	7,2V
Capacity of battery	2,5Ah
Type of battery	Ni-Cd HT, Ni-MH HT
Durability of battery	4 years
First charging and full readiness to work	24hrs
Battery back up	5hrs
Maximum work temperature	70°C
Normal temperature work	5°C-50°C
Dimensions L/W/H	230/36/100mm

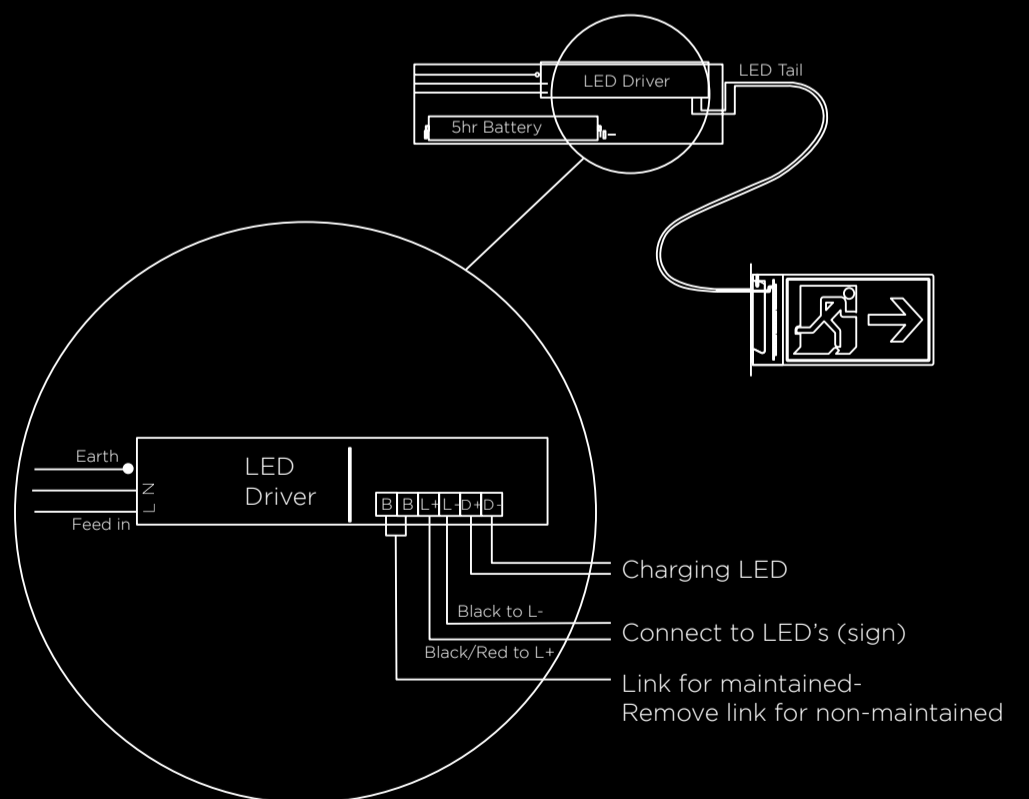
LED module

Stabilized output	Voltage output	Outside power supply
Yes	12V	No

Maximum load output I-Max	Work time	Battery type
0,25A	5hrs	7,2V/2500mAh



Driver connection



Charging LED - to be wired into LED Driver D+ & D-
LED Wire - to be wired into the LED Driver L+ & L-
Earth Wire - attach to the LED Driver fixing screw
240v supply to be wired to LED Driver L & N

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Installation guide

1. Position, level and install acrylic fixing plate to wall surface with suitable fixings for wall type.
NOTE: Ensure to align wiring hole in fixing plate with hole in wall.
2. Feed the wire from the sign panel through the fixing plate into the wall. Now locate the bottom hook of sign into bottom hook of fixing plate with the sign at a downward angle as shown.
3. Once this is in place, lift the end of the sign upwards until it is perpendicular to the wall.
NOTE: At the same time, make sure the other end of the wire is being pulled through to stop the wire becoming trapped between the two parts as they close up (this may be a two person job depending on location of wire).
4. Push locator pin into top of sign through to fixing plate to retain sign in place.

