

## **INSTALLATION INSTRUCTIONS FOR LED SLAVE LUMINAIRES**

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION

This fitting is designed for use with CENTRAL BATTERY UNITS of 24, 50, 110 Volts  
or STATIC INVERTER SYSTEMS with a 230V AC output

**INSTALLATION** - Installation should only be carried out by a suitably qualified person, familiar with the IEE Regulations and BS5266 part 1.

- a) Remove the diffuser by either unscrewing the two fixing screws, or on plastic fittings by unclipping it from the base.
- b) Remove the geartray either by slackening the two screws located in the keyhole slots or by unclipping.
- c) Mount the base to the wall or ceiling using suitable fixings.

**NOTE** - Fixing screws on weatherproof fittings should be sealed with silicone rubber or similar.

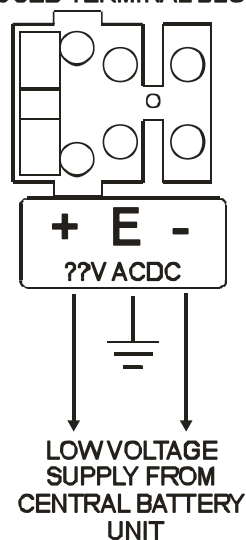
**NB** - All units are suitable for use on AC or DC supplies and have a maximum/minimum supply voltage range as shown below. However, it is recommended that the supply cables are chosen to give the nominal supply voltage at the fitting.

TYPE	Minimum V	Maximum V	Load current DC mA
24-50V	20	55	35-70
110-240V	90	254	34-12
110-240V 2D	90	254	240-80

Connect the fitting as shown below.

Replace the geartray, ensuring that the cables are tidy, check that the led strip is not damaged then replace the diffuser.

FUSED TERMINAL BLOCK



### **TESTING**

Insulation testing should be in accordance with the latest IEE regulation and should not exceed 500V DC between Live and Neutral connected together to Earth.

- (a) Ensure that the supply voltage is the same as the fitting voltage, as the inverter will be destroyed if the wrong voltage is applied.
- (b) If the central battery unit is MAINTAINED, switch on the maintained supply and check that the fitting is illuminated.
- (c) Switch off the mains supply to the central battery unit to simulate a mains failure. Check that the fitting is still illuminated and that there is no noticeable difference in the brightness of the lamp.

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Fittings rated as IP65 are suitable for outdoor use, or indoor use to a maximum ambient temperature of 40°C.

Fittings not IP65 rated are only suitable for indoor use to a maximum ambient temperature of 40°C.

The light source contained in this luminaire shall only be replaced by the manufacturer or his agent or a similar qualified person.