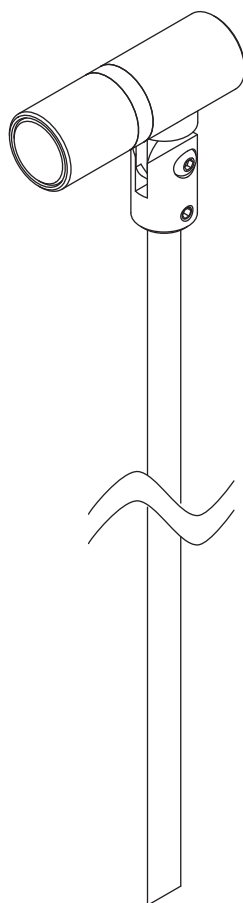



## Installation and Maintenance Instructions



**IMPORTANT: All wiring connections must be made before switching on mains power.**

 SL Type S 2.85V<sub>F</sub> 1.4W @ 500mA

**IP66** Dust tight and protected against powerful jets of water.

 Please retain these instructions for future reference

## Electrical Supply

Installation must be carried out by a qualified electrician in accordance with BS 7671:2008 Wiring Regulations. 230/240V AC 50/60Hz mains supply to a suitable SELV LED Driver.

Site conditions: LED equipment is more susceptible to static damage and over voltage than previous technology. Before handling or connecting to the mains supply ensure that all Stoane Lighting (SL) products are protected from static discharge and that the mains supply is to regulation. (230V +10 -6%)

Mains cables must be double insulated, strain relieved and separated from E.L.V output cables.

**This unit requires a constant current driver. 500mA Max.**

**Observe polarity:**  
**Positive (+) is marked as RED.**  
**Incorrect supply or reverse polarity can cause irreparable damage.**

**All connections must be made before switching on mains.** If the supply is energised prior to making the connections to the fitting then the resulting surge will damage the LED.

Multiple LEDs should be wired in series, refer to driver instructions for minimum/maximum load.

The entire dimming control circuit source must be of SELV insulation class.

## Maintenance:

All lighting equipment is delicate and easily damaged through misuse or inappropriate installation (mechanical or electrical). Repairs and replacements may cause delays and will be chargeable. Contact SL for support if required.

All Stoane Lighting products are covered by a five year Warranty and a 25 year Duty of Care. Products are designed to be upgraded, adapted and refreshed using our comprehensive ReNew service. For more information on our ReNew service and for full Warranty terms and conditions visit [stoanelighting.com](http://stoanelighting.com) or contact us at the address shown.

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

## Installation

Check that the mounting surface is suitable for the installation of this fitting. For hard ground some preparation may be required for spike installation.

Step 1 Push spike into the ground. Do not apply force to the head of the fitting.

Adjust tilt and lock once in position.

Step 2 Make mains connections to SELV LED driver and extra low voltage connections to the fitting.

Ensure supply driver and connectors are housed indoors OR in a suitably IP rated enclosure. Cable ends must be suitably waterproofed. Inspect supply cables before installation to ensure there is no damage which will allow water to enter the fitting.

After opening the sealed portion of the luminaire for any reason, SL recommends running the fitting for 15 minutes with the lid open to expel moisture before closing it up. This will prevent condensation on the lens and protect the fitting from corrosion.

Care must be taken when handling any ingress protection seals, glands or "O" rings to ensure they are kept clean, unblemished and replaced exactly in their required location and suitably fastened home.

The IP rating stated is applicable only when the fitting has been installed as per these instructions.

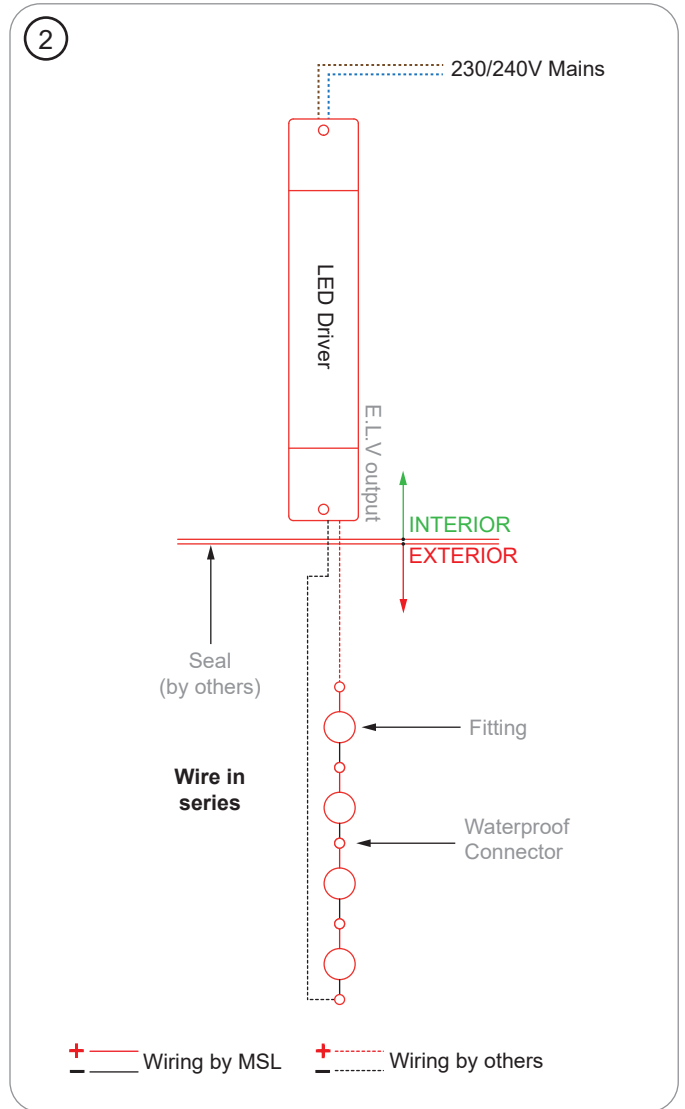
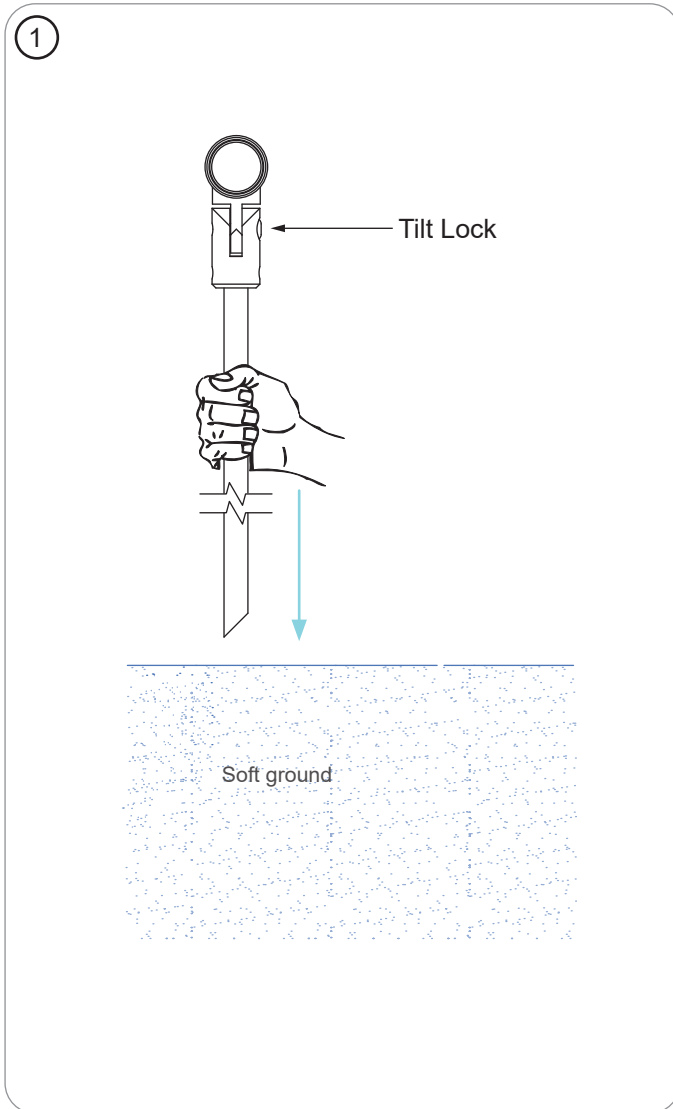
**WARNING: Do not look at exposed LED lamps in operation. Eye injury can result.**

## Cleaning:

Fully isolate the fitting and allow to cool.

Clean the fitting with a slightly damp lint free cloth from a mild solution of soap and water. The fitting must be completely dry before reconnecting power.

Incompatible or abrasive chemicals can damage the fitting, contact SL for advice if required.



## Optic Change

Fully isolate and allow fitting to cool sufficiently before handling. Always perform an optic change in a clean and dry environment.

- Step 1 Access the existing optic by holding the central section of the fitting and unscrewing the bezel. (Note: The back section is secured with additional thread locker and should not be opened)
- Step 2 Carefully remove the spacer and the optic retaining clip from the bezel with a small screwdriver (or similar) and allow the optic to fall out.
- Step 3 Insert the new optic into the optic retaining clip and replace the spacer, optic and retaining clip into the fitting.
- Step 4 Screw the bezel back into the body until fully tightened.

