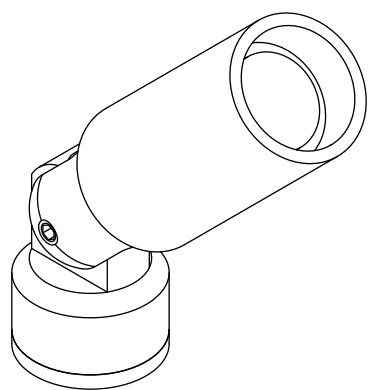


Installation and Maintenance Instructions



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

☑ SL Type P 2.9V<sub>F</sub> 0.6W @ 200mA

**IP20** Indoor Use Only



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%)

This fitting is supplied with a Xicato LED module. Refer to the fitting label for the module version and wattage. More information on the module can be found at [www.xicato.com/support](http://www.xicato.com/support)

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

**This unit requires a constant current driver. 200mA 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.

Mounting option 1 - A 0.26" (6.6mm) diameter hole is required for mounting if the brass insert (suitable for wooden surfaces) is used.

Mounting option 2 - A 0.18" (4.5mm) diameter hole is required if the M4 nut and spring washer is used.

Step 1 Secure the fitting in position (see box 1) with the appropriate mounting method.

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

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

## Adjustable Beam

To tighten the beam rotate the bezel anticlockwise. Take care not to fully unscrew the bezel. Minimum beam width 13°.

To widen the beam rotate the bezel clockwise. Maximum beam width 60°.

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

Additional items should not be hung or suspended from this fitting. SL takes no responsibility for additional items added by others or the consequences of those items.

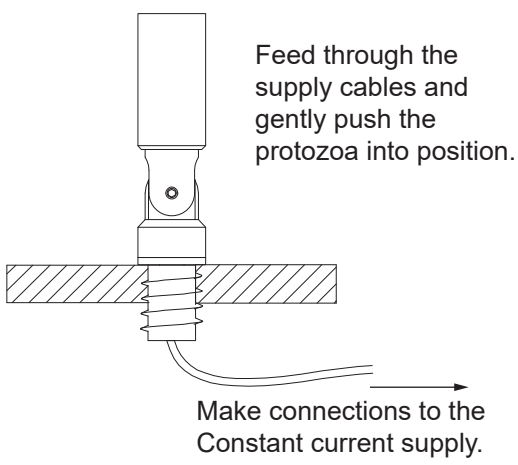
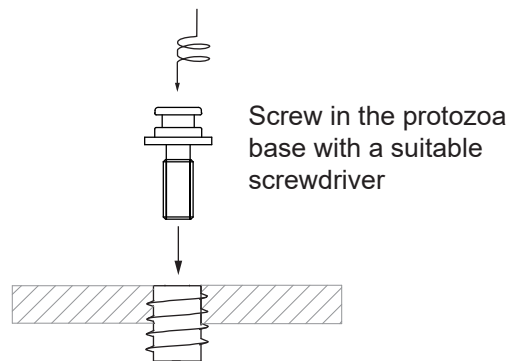
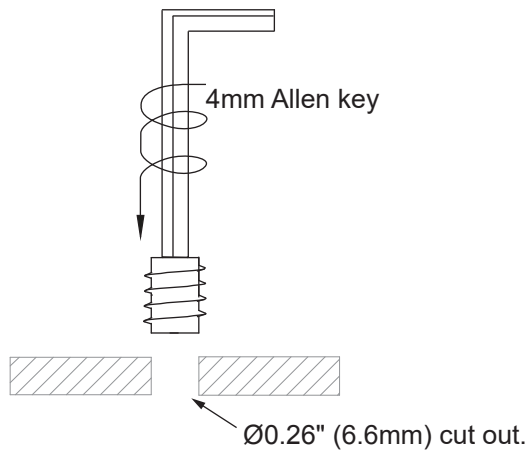
## Cleaning:

Fully isolate the fitting and allow to cool.

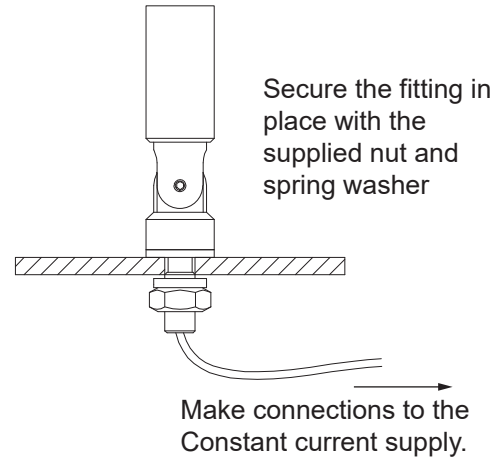
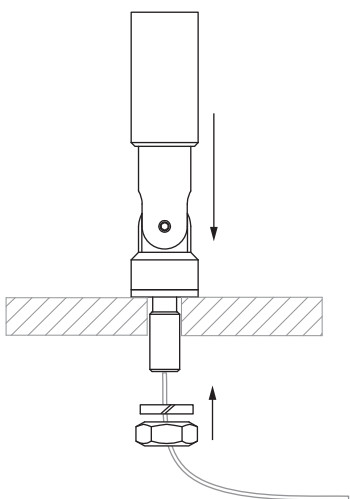
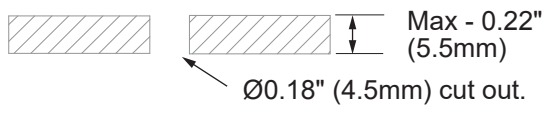
Clean the fitting with a slightly damp lint free cloth from a mild solution of soap and water. The fitting must be completely dry before reconnecting power.

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

1 Mounting option 1 - Brass Insert



Mounting option 2 - M4 nut & spring washer



Series Wiring

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.

Mains cables must be double insulated and strain relieved.

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.

Ensure supply driver and connectors are housed indoors OR in a suitable IP rated enclosure.

Ensure LEDs are connected in 'series' as shown below to the LED drivers.

