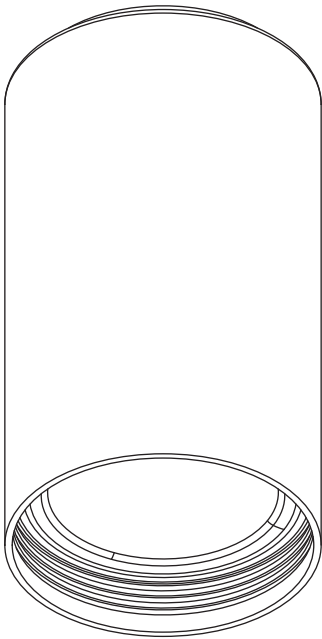





Installation and Maintenance Instructions



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

 0.39" (9.8mm) Xicato XOB 36.9V<sup>F</sup> 11.9W @ 350mA

 Do not stare at the operating light source

 Please retain these instructions for future reference

**IP20** Indoor Use Only  
t<sub>a</sub> 35°C Rated maximum ambient temperature

## 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 on the attached technical note or 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. 350mA 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.

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

SL can provide assistance on dimming compatibility or control systems by request. For advice on specific dimming systems we recommend seeking assistance from the commissioning engineer or the control systems provider in the first instance.

## 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.

When supplying digital equipment with the potential to be connected to networks, physically or wirelessly (i.e. Bluetooth, WiFi, DMX radio etc.), SL does not take responsibility for the digital security of the equipment or associated networks. It is the customer's responsibility to select a protocol suitably robust for their requirements and to ensure responsible utilisation of passwords.

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

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

Full disassembly notes are available on our website, and are accessed by entering your product serial number into the search function of our website. Serial numbers are typically located in an area that is not visible when the fitting is installed.

## 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.

## Installation

Check that the mounting surface is suitable for the installation of this fitting. **Fitting Weight : 1.1lbs (0.5kg)**

A suitable hole is required for the incoming supply cable.

Step 1 Remove the first fix disc from the fitting and

secure to the mounting surface with two suitable fixings.

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

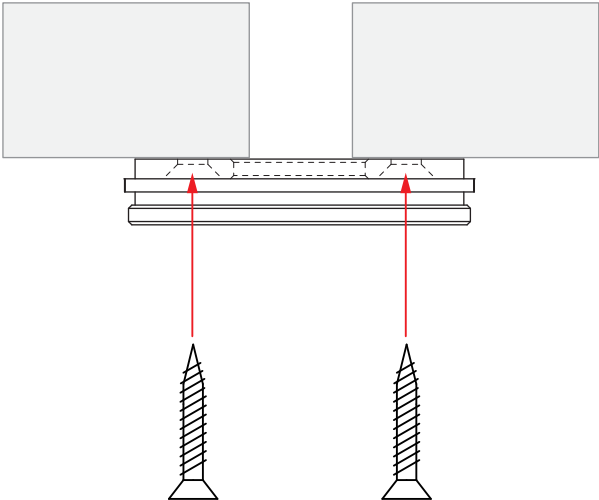
Step 3 Feed the supply cable into the recess and screw the fitting onto the first fix base to secure.

Ensure that the installation of this fitting does not compromise any fire barrier offered by your ceiling. Intumescent downlighter fire hoods should be used to maintain the integrity of the barrier in the event of a fire.

Do not cover the luminaire with insulation. Heat sinks and fan assisted lamps must be kept free from dust and well ventilated to ensure long term reliability and light quality.

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

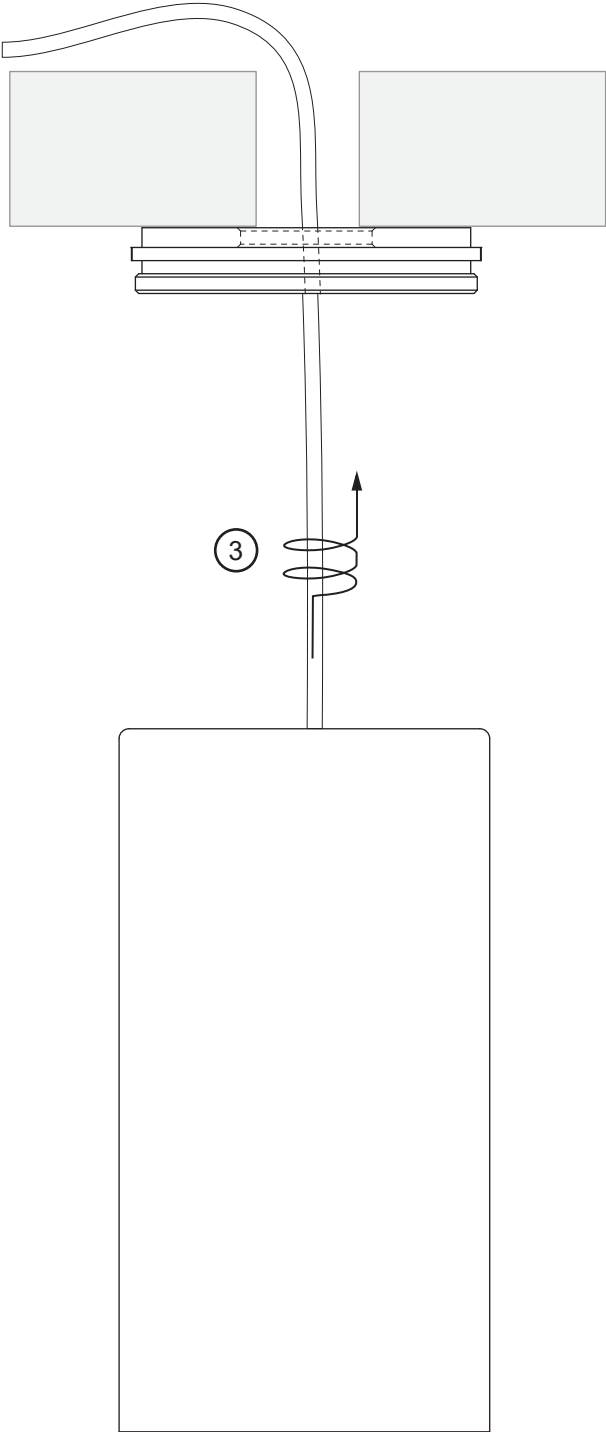
1



Unscrew first fix base from fitting and secure to the mounting surface.

2

Make connections to constant current supply



3

MODULE AND ACCESSORIES

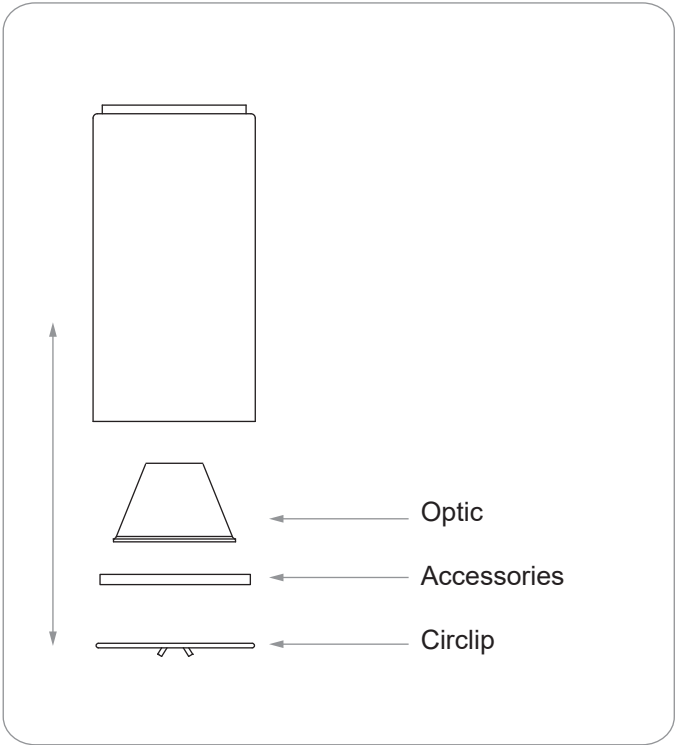
The colour temperature and lumen output can be found on the product label on the fitting.

To add/remove accessories:

Isolate the fitting from the supply and allow to cool.

Step 1 To remove optic and accessories remove circlip.

Step 2 Replace optic/accessories as required and replace circlip to secure.



LED 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.

