



All of our in-house printed paper is 100% recycled and recyclable

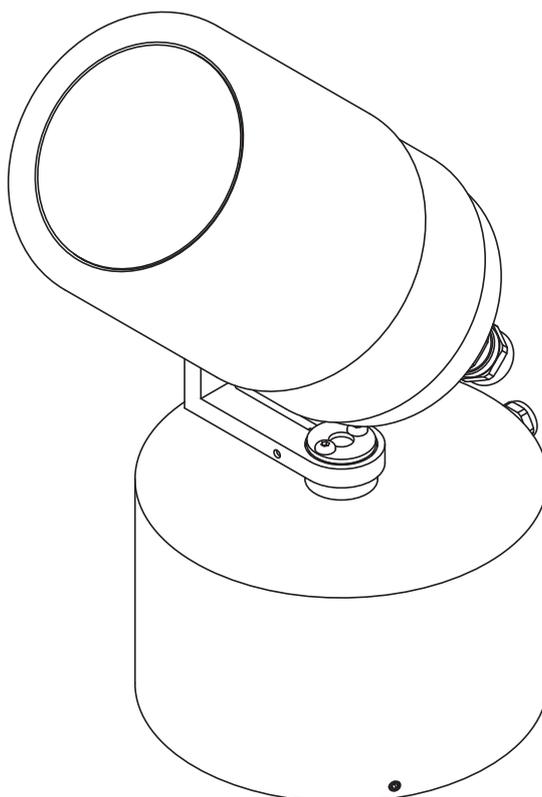
STOANE LIGHTING

EQUIPMENT DESIGN + MANUFACTURE



Croc Type X Integral

Installation and Maintenance Instructions



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

 Xicato LED Module

 Class I - Fitting must be Earthed

 This product should not be disposed of in your general waste

IP66 Dust tight and protected against powerful jets of water.

 Please retain these instructions for future reference

 **CE** European Conformity

Stoane Lighting Ltd
20 Dryden Road Bilston Glen Ind Est.
Loanhead Midlothian EH20 9LZ UK

T: +44 (0) 131 440 1313
F: +44 (0) 131 440 0049
sales@mikestoanelighting.com

www.stoanelighting.com
VAT No GB682885284
Limited Company 188910

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

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

If using the Xicato XTM Module;
This unit requires a constant current driver. 700mA Max.

If using the Xicato XIM Module;
This unit requires a 48V constant voltage PSU.

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

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

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.

Installation

Check that the mounting surface is suitable for the installation of this fitting. **Fitting weight: 1.5kg**

A 60mm diameter hole is required for mounting.

Step 1 Secure first fix mount plate using suitable fixings. Note that the orientation of the mount plate will affect the orientation of your fittings so plan accordingly.

Step 2 Remove sealing plate by first removing 4 x M4 fixings and then loosen off 3 x M3 fixings to allow plate to be removed.

Step 3 Make mains and 1-10V (if required) connections through sealing plate to SELV LED driver.

Step 4 Replace sealing plate into position, ensuring that the disc is sitting flat against the black "O"ring. Tighten the 4 x M4 fixings evenly to create a consistent seal around the ring. Ensure the fixings are fully tightened before progressing and that the sealing plate is sitting flat in the base.

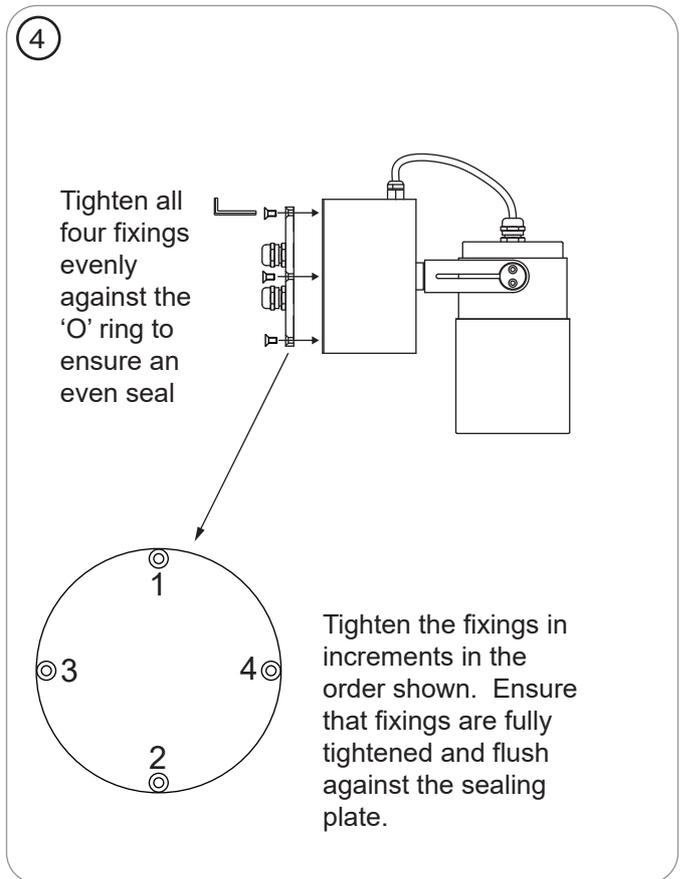
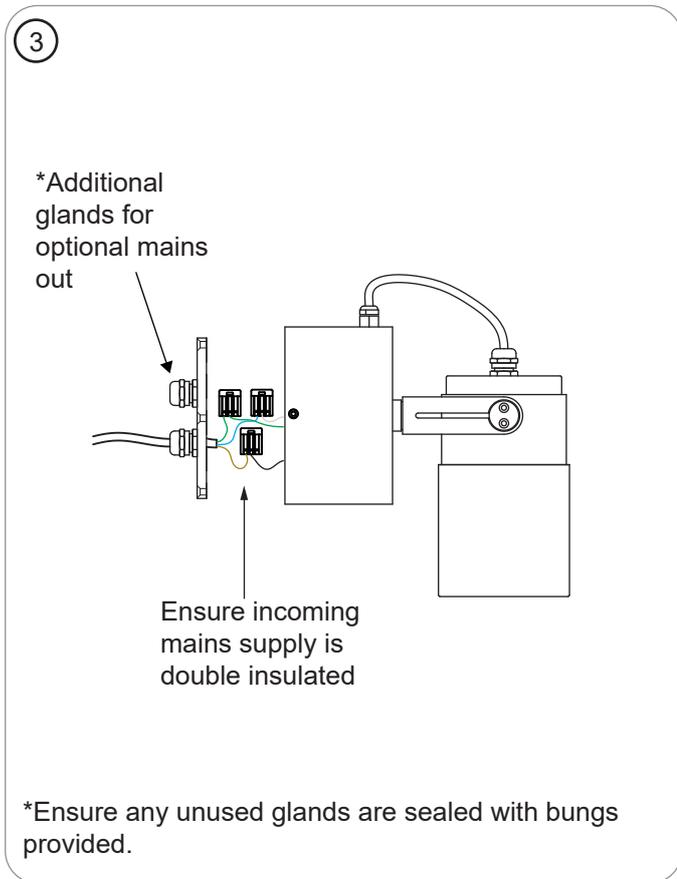
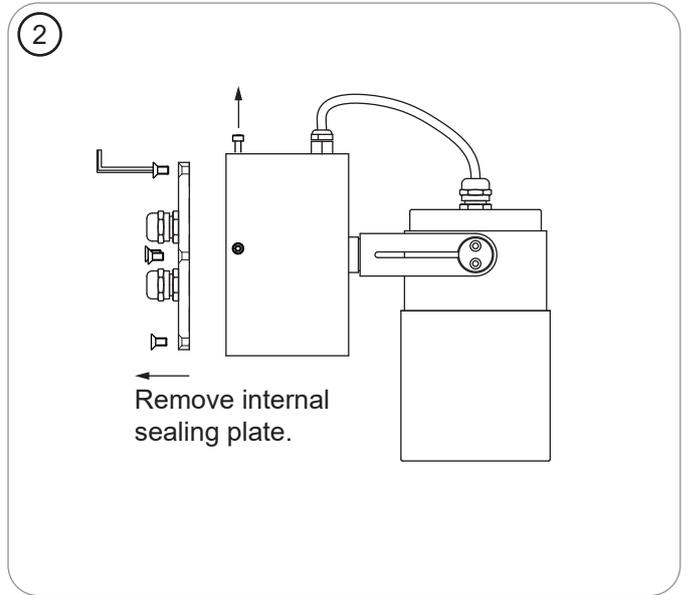
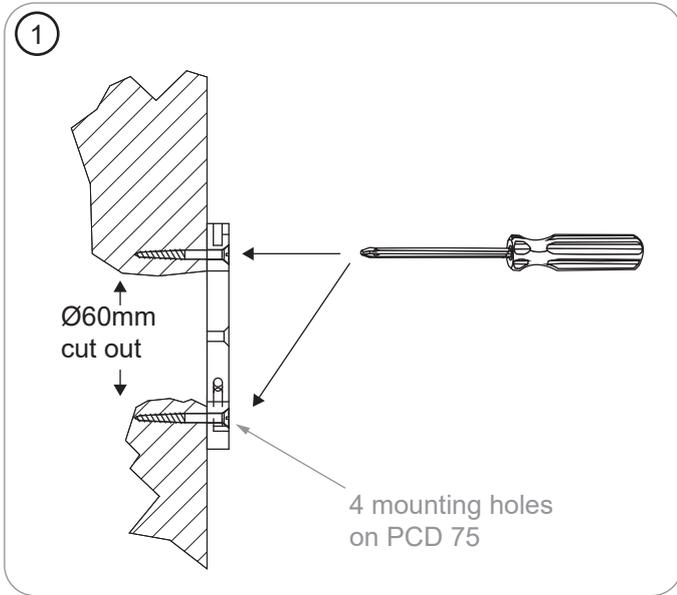
Step 5 Tighten all 4 glands (do not overtighten) to ensure that the inserts securely grip the cable. If no cable is present the glands must be blanked off to prevent water ingress.

Step 6 Tighten the 3 x M3 fixings until there is about 5mm of thread through the inside of the case wall. Place the fitting onto the first fix plate, slotting the 3 x M3 fixings into the slots and rotate clockwise into position. Tighten fixings to lock in position. **Installation**

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.

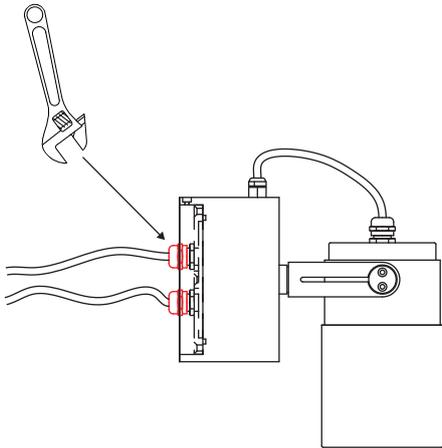
WARNING: Do not look at exposed LED lamps in operation. Eye injury can result.

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.



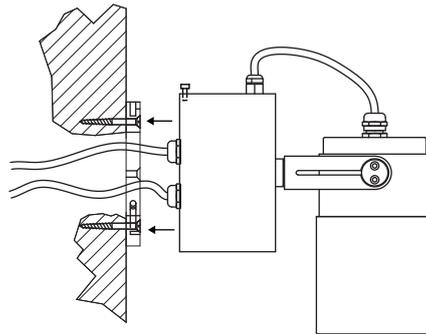
5

Ensure all glands are tight to prevent water ingress into driver case. Do not overtighten.



6

Screw in 3 x M3 fixings so they protrude approx. 5mm through the inside of the driver case, then fit into slots in first fix plate. Rotate clockwise into position and tighten fixings to lock.



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 or contact us at the address shown.

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.

MODULE AND ACCESSORIES

The fitting uses a Xicato LED module. The colour temp and lumen output can be found on the product label on the fitting.

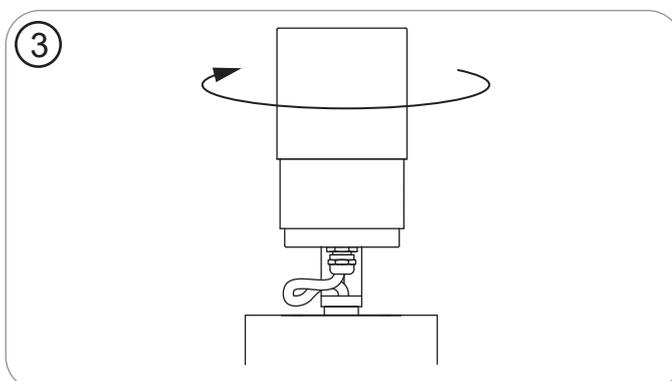
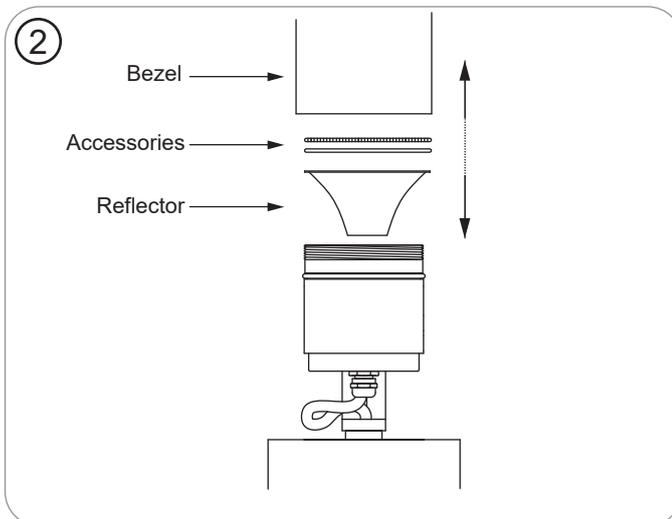
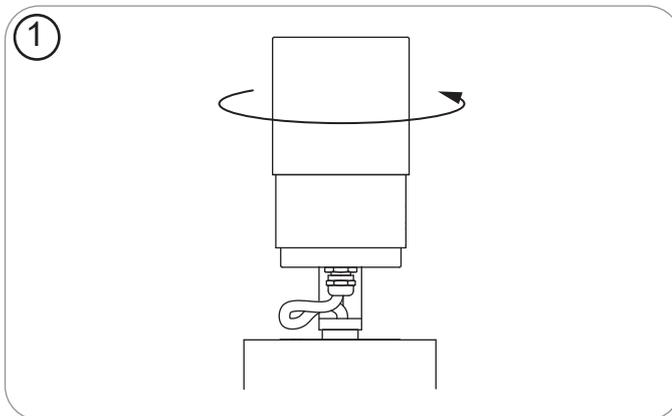
To Add/Remove accessories:

Isolate the fitting from the supply and allow to cool.

Step 1 Remove the bezel from the lamp tube by unscrewing in an anti-clockwise direction.

Step 2 Insert/remove any accessories or reflectors.

Step 3 Refit the bezel by screwing on in a clockwise direction.



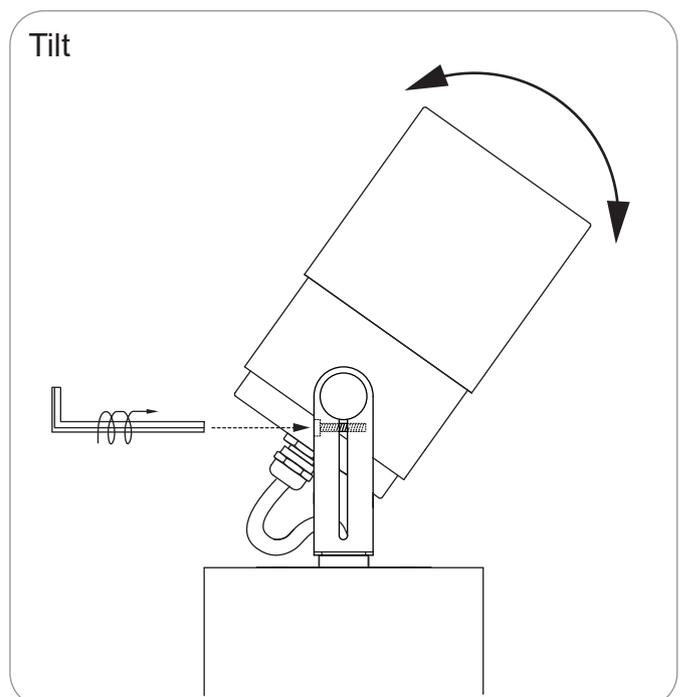
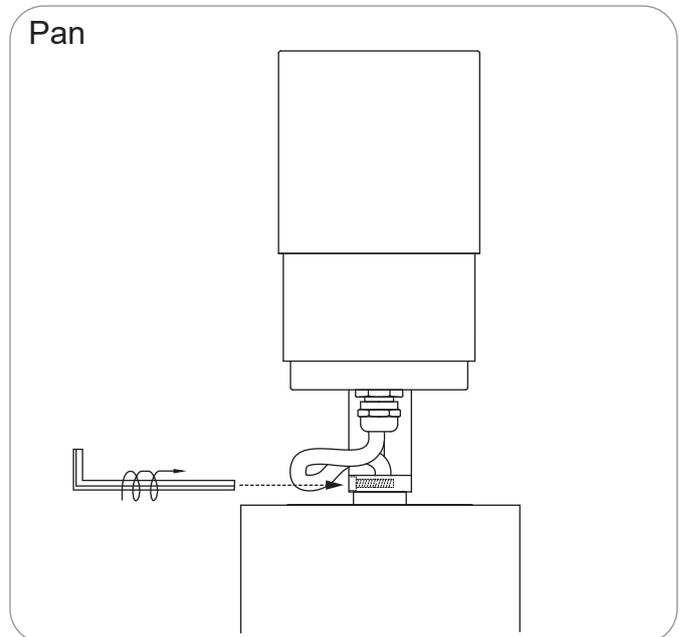
ADJUSTMENT

To adjust the tilt and pan of the fitting use an Allen key to loosen off the tilt and pan lock screws.

Croc X: 2.5mm Allen key

Once the desired angle is achieved lock off the screws.

DO NOT over tighten the screws as this could damage the lock and cause it to no longer function.



Certified**Corporation**

Stoane Lighting firmly believe that we have a responsibility as environmental custodians, we believe that lighting equipment should be built to last, to be repaired and to be reused. As a BCorp we have pledged to operate a business not aiming to just be best *in* the world but a business best *for* the world. Stoane Lighting believe that the circular economy is a fundamental aspect of how we approach the challenges we face. If you read this at the end of the product life we encourage you to consider how you can ensure this product sees an extended life. If removal is unavoidable, please see the disassembly note below.

All Stoane Lighting products are supplied with a 5 year warranty and a 25 year duty of care.

Stoane Lighting operate a ReNew division, which can take your existing fittings and refurbish or upgrade without the need for replacing what you already have.



Through the ReNew service, Stoane Lighting provides general repair, deep cleans and electrical safety checks on luminaires, as well as possible repainting if needed. We will replace components that are nearing end of life, such as drivers, LEDs, and optics. If the fittings are to be used in a new area, or the existing space is undergoing a change in use, ReNew can offer a different mounting method or light technical performance (such as colour tuning), if needed, alongside the addition of on-board wireless control. ReNew as a service, depending on location, can be done on site or by returning equipment to Stoane Lighting.



Once fittings have been repaired or upgraded through ReNew, they will start a new five-year warranty period, and any unwanted parts will be recycled.



Product Disassembly and Component Recycling - While every effort has been made to ensure that our products are built to last and are ReNewable, there may come a point when, as a very last resort, the fittings need to be recycled. Stoane Lighting can provide information on how the fitting can easily be disassembled into its component parts for more effective recycling. Information on recycling services in your local region can also be supplied on request.

For more information on the above please visit stoanelighting.com or contact us at the address shown.