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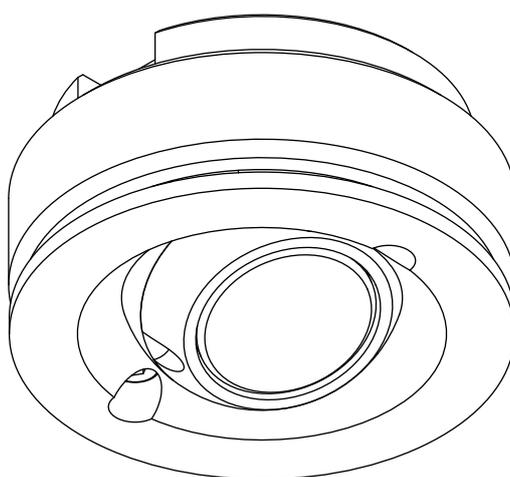
STOANE LIGHTING

EQUIPMENT DESIGN + MANUFACTURE



Iris Type S

Installation and Maintenance Instructions



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



SL Type S 2.85V_F 1.4W @ 500mA



Class III - Extra Low Voltage



This product should not be disposed of in your general waste

IP65 Dust tight and protected against low power jets of water.



Please retain these instructions for future reference



European Conformity

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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 or contact us at the address shown.

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.

Installation

Check that the mounting surface is suitable for the installation of this fitting.

A 33mm diameter cutout is required.

Step 1 Make mains connections to SELV LED driver and extra low voltage connections to the fitting.

Step 2 Retaining Wings: Hold in the springs and push into the cutout. Once released the springs will hold the fitting in place.

OR

Retaining Ring: Insert fitting into cutout and secure by screwing the retaining ring onto the rear of 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.

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.

Cleaning:

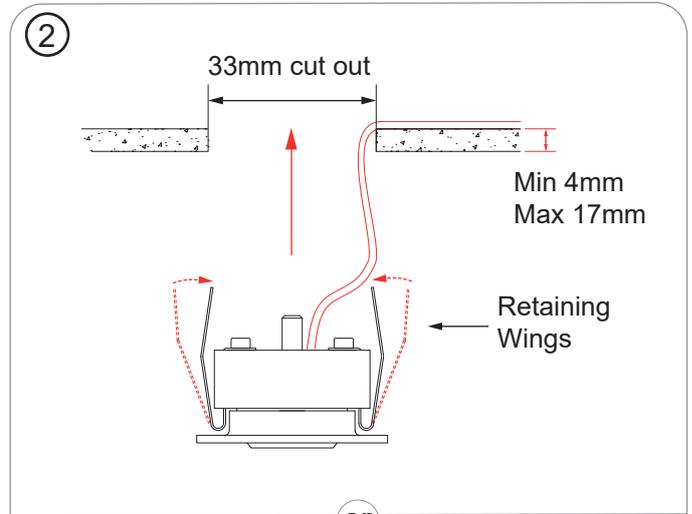
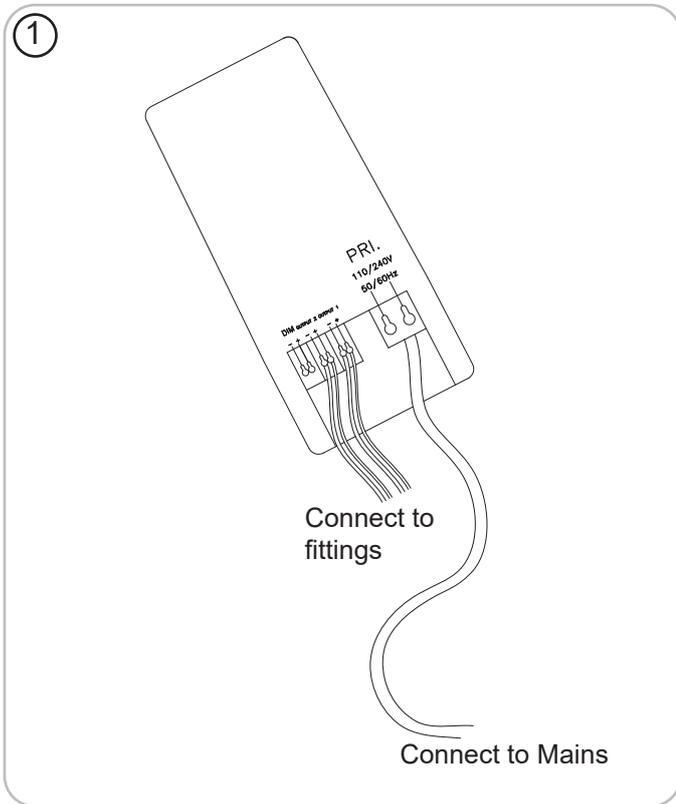
Fully isolate the fitting and allow to cool.

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.

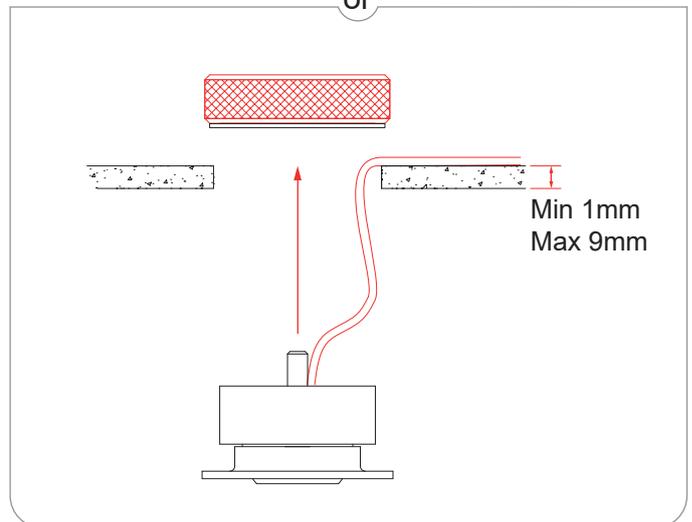
Incompatible or abrasive chemicals can damage the fitting, contact SL for advice if required.

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or



LENS / SNOOT CHANGE

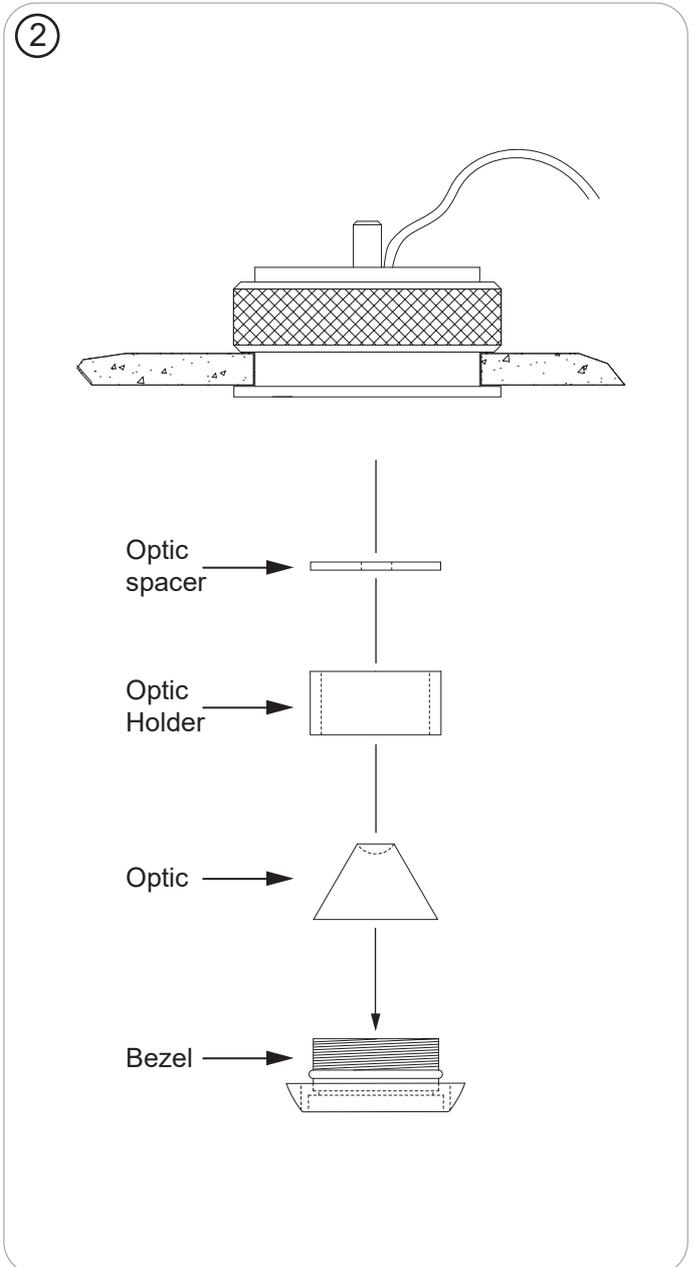
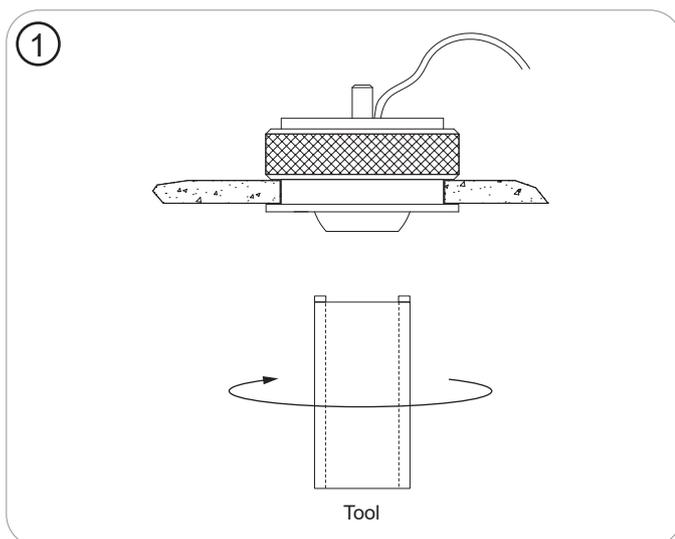
Fully isolate and allow fitting to cool sufficiently before handling.

Step 1 Lock the fitting at a non-tilted position and use the specialist tool provided to unwind the ring anti-clockwise to remove it from the tube.

Step 2 The lens and or snoot can now be removed from the fitting and replaced with one of suitable specification.

Ensure the O-ring sits neatly, is not twisted, stretched or deformed in any way and sits neatly in its groove. It must be free from debris of any kind. If needed, remove the O-ring, clean it and the groove and replace with fresh grease (Loctite Superlube). Failure to do so may result in water ingress and premature failure of the luminaire.

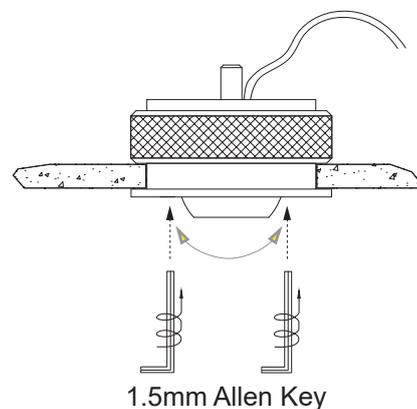
Reverse process to re-assemble.

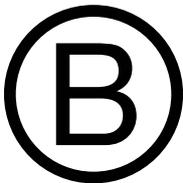


Tilt Adjustment

To adjust, loosen the M2 fixings with the supplied 1.5mm Allen key. A single turn should be sufficient to unlock, do not remove the fixings.

Once adjustment is complete, tighten the fixings to lock in place.



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 believe that we must look to operate in 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 these products see an extended life.

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.



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.

For more information the Warranty, Duty of Care or ReNew service please visit stoanelighting.com or contact us at the address shown.