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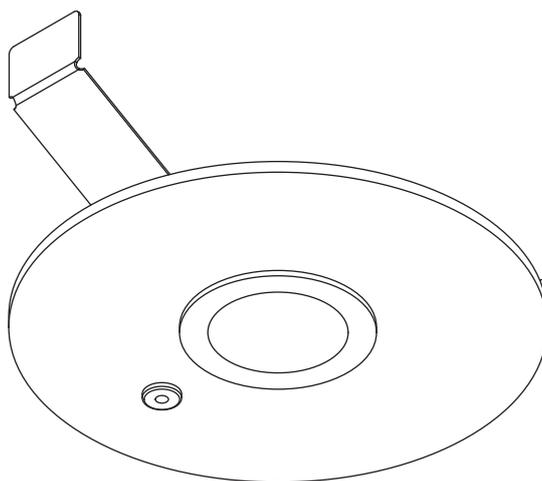
**STOANE LIGHTING**

EQUIPMENT DESIGN + MANUFACTURE



# Fled

## Installation and Maintenance Instructions



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



SL Star 2.9V<sub>F</sub> 1.W @ 550mA



This product should not be disposed of in your general waste



Please retain these instructions for future reference



Class III - Extra Low Voltage



IP20 Indoor Use Only



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 and Requirements of BS 5266 part 1 Emergency Lighting. 230/240V AC 50/60Hz mains supply to suitable emergency control gear.

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. 550mA Max.**

**Observe polarity:  
See the fitting label for connection colours.**

**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.

## 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.

This luminaire is intended only for mounting in locations where the plug and socket are protected from unauthorised disconnection.

Photometric data can be obtained on request from Stoane Lighting.

A 64mm dia cut-out is required for this fitting making it possible to insert the power supply/battery kit (if supplied).

A minimum ceiling void of 125mm with a Max ceiling thickness of 25mm is recommended. *Note that there are various kits that can be connected to this fitting and the battery sizes may vary, refer to the specific instructions for the control gear for more information.*

**Step 1** Make mains connections to the emergency control gear and extra low voltage connections to the fitting LED and the charge indicator.

Install the emergency control gear first if it is to be passed through the hole required for this fitting. See additional pages.

**Step 2** Insert the Fled emergency luminaire into the cutout, holding wings in, release the wings once in place to secure the unit.

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.

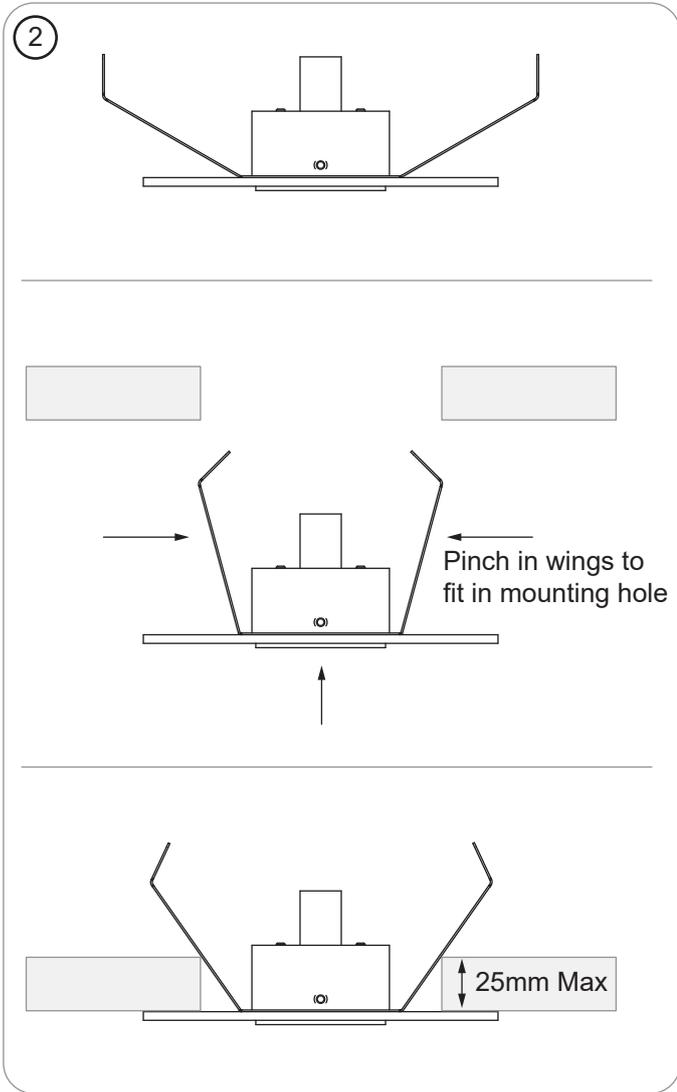
**WARNING: Do not look at exposed LED lamps in operation. Eye injury can result.**

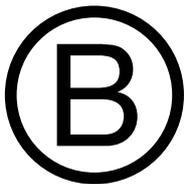
## Cleaning:

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.



**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](http://stoanelighting.com) or contact us at the address shown.