

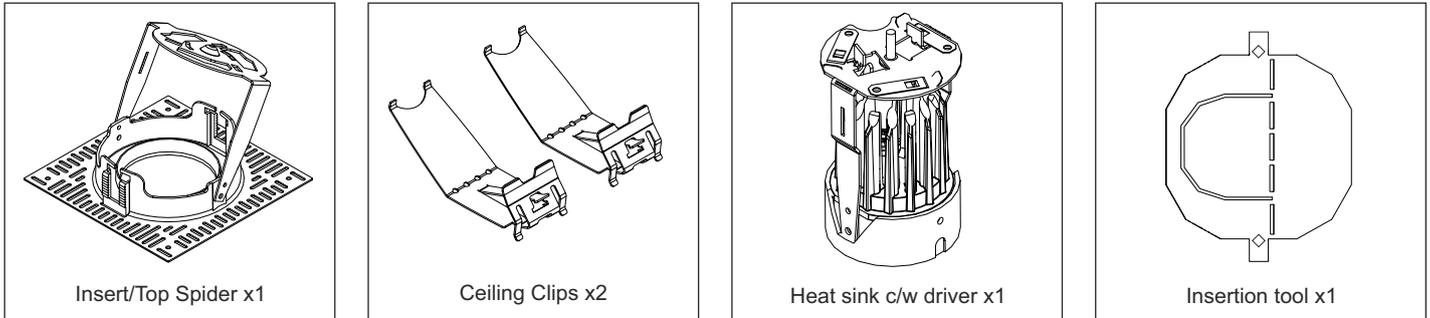
# Installation Instructions for: RXS Mini - Trimless Fixed/Gimbal



IP20 CE

- Product luminaires comply with EN60598 and are suitable for use in normal interior conditions.
- This luminaire has an ambient temperature range of -25°C to 25°C

**BEFORE INSTALLATION CHECK ALL ITEMS SUPPLIED WITH LUMINAIRE AND CAREFULLY READ INSTRUCTIONS**



Ceiling clips are in red poly bag tagged to the insert/top spider, insertion tool is in red poly bag tagged to top of the heatsink spider. Remove red poly bags and their fixing tags. If any parts are missing please contact Cooper Lighting and Safety

**1**

It is not always necessary to perform this action with every insertion tool, one formed tool can be used with a large number of luminaires.

Form by hand/pliers the three lazy bend tags to 90 degrees, gap between the two small uprights to be approx 58mm

Tool ready for use

**IT IS RECOMMENDED THAT THE INSTALLER FAMILIARISES THEMSELVES WITH THE ASSEMBLY AND ACTION OF THE HEATSINK ASSY TO THE TOP SPIDER BEFORE INSTALLATION - REFER TO STEPS 6 & 7**

**2**

a) Cut aperture and feed mains cable through

Ceiling Panel  $\varnothing$  Min. 102.0mm  $\varnothing$  Max. 105.0mm  $\varnothing$

**NOTE:** Suits plasterboard ceiling thickness 9.5mm to 19mm max.

Slit in Top Spider

b) Ensure that Top Spider is in its vertical position, fit insert through cut hole. **IMPORTANT:** Ensure that mains cable is fed down the slit side of the Top Spider as shown

**3**

Insert clips into gaps front and back of ceiling insert. Pull down to lock into position, ensure ceiling insert is secure

Edge 'A'

Edge 'B'

**NOTE:** Ensure either edge 'A' or 'B' is parallel to lit surface, this will ensure the gimbal rotation is in the correct orientation. Check before installing.

**4**

Spread Plasterboard First Fix Adhesive over the perforated slots, WHEN DRY, apply skim of plaster. Ensure that plaster does not encroach into middle hole. Remove any plaster residue from middle hole.

**5**

**Wiring - Ensure mains supply is turned OFF**

**High Frequency/Phase Dimming Wiring**

Incoming Mains Cable into driver

Wire mains cable into driver:  
Neutral - Blue  
Live - Brown

To Downlight

**Phase Dimming Note:**  
A trailing edge dimmer must be used

**DALI Wiring**

Incoming Mains Cable into driver

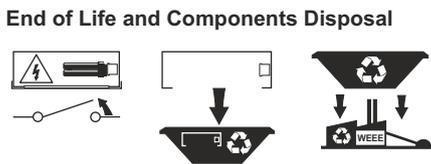
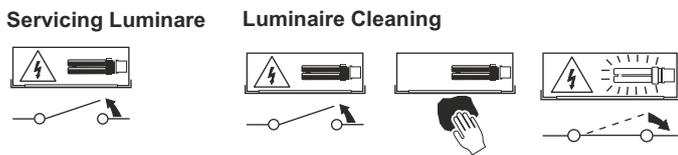
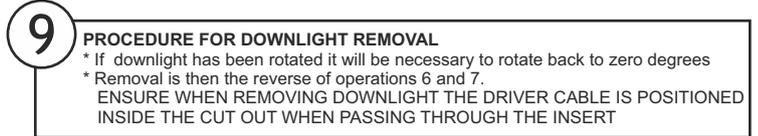
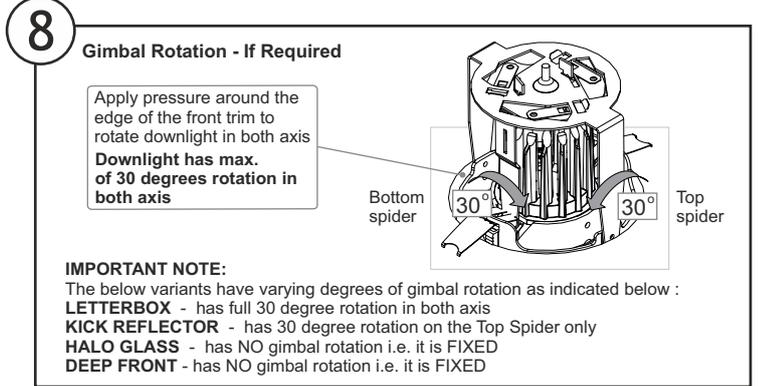
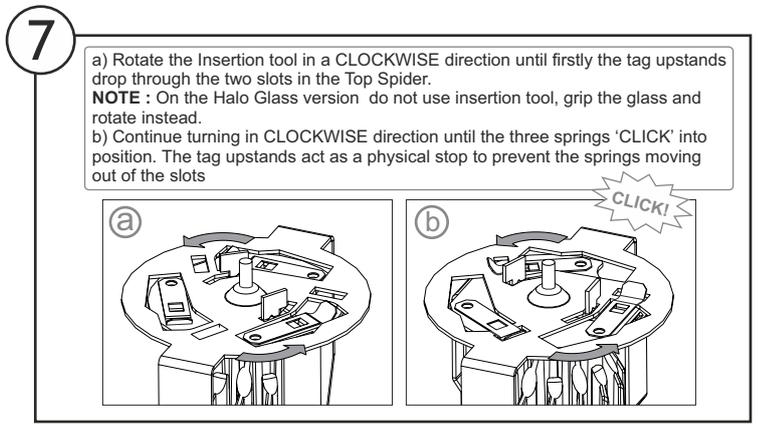
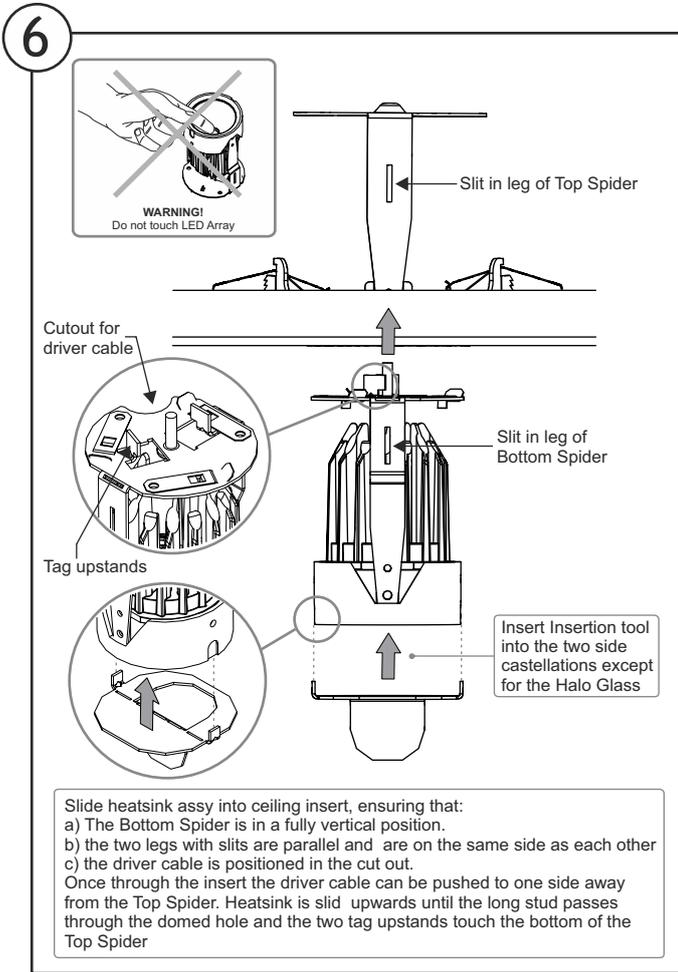
LED OUTPUT  
+  
-  
DA  
DA

To Downlight

ISOLATED DALI INTERFACE

DALI BUS

Slide driver into ceiling aperture, same side as mains cable

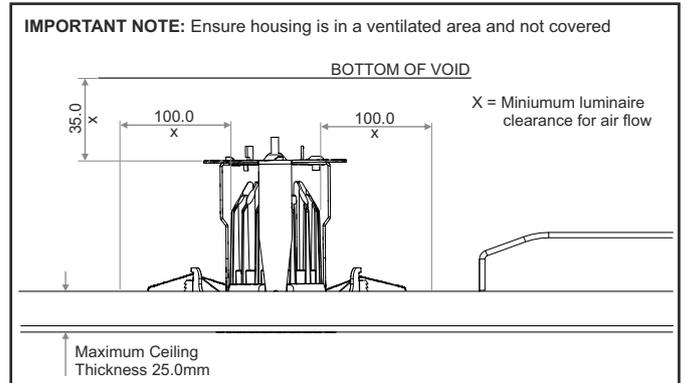


**Safe Operation**

1. Check the rating label for voltage and frequency before connecting this luminaire to the electrical supply.
2. Ensure that the mains supply is switched off when working on this luminaire, whether installing or carrying out any other servicing.
3. To prevent damage to driver, do not mix with conventional magnetic ballasts on the same electrical circuit.
4. Where use in more onerous situations is required, e.g. In part-completed buildings before "drying-out" is completed, or areas where ambient temperatures are outside the normal temperature range, then consult our Sales Office.

**Servicing and Disposal**

1. At commissioning and handing over of installation ensure that a copy of these instructions is presented to the authority responsible for the operation and maintenance of the luminaries.
2. Servicing, e.g. cleaning, must only be carried out after the electricity supply has been switched off. It must not be assumed that luminaries with lamps not lit are switched off-always check before servicing.
3. Cleaning should be carried out at regular intervals to ensure that dirt does not accumulate to an extent that will impair the thermal safety or optical performance of the luminaire. Regular cleaning will also ensure that the optical performance of the luminaries is maintained.
4. Avoid touching the LED array surface. To clean - Blow surface with either dry air or nitrogen gas.
5. At the end of life the luminaire is classed as WEEE under directive 2002/96/EC and should be disposed of in accordance with local legislation.



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