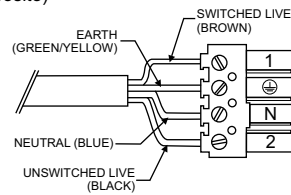


### Additional Instructions for Emergency versions

1. Ensure mains supply is turned OFF.  
Connect mains supply cable to the 4-way plug supplied. (as shown opposite)
2. Knock out one of the 6.5mm dia knockout features in the geartray cover with a gentle tap from a hammer, using a Philips screwdriver.
3. Refer to standard installation instructions 1 and 2.  
Fit the LED into the mounting hole in the bezel using the retaining clip provided. (Unless using Solstar attachment, in which case see the Solstar attachments leaflet for LED position).
4. Refer to standard instructions 3 and 4.



### Solstar with Digital Dimming

Please refer to 'Digital Regulating Luminaires' leaflet for further information.

Note that both standard and emergency luminaires have 5 pole mains/control connectors and use a single permanent live supply feed. Having no separate switched supply input, on/off operation of emergency products is only via the control terminals.

**NOTE: Wire 5 pole connector as marked on product**

### 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, re-lamping or carrying out any other servicing.
3. Use the correct lamps as initially supplied or as indicated on the ballast label.
4. This luminaire is suitable for mounting in direct contact with non-combustible materials, e.g. Metal, concrete, plaster. It is also suitable for mounting adjacent to normally flammable materials, e.g. Timber, chipboard, providing the top surface is spaced not less than 25mm from such materials. Do not mount luminaire on or close to readily flammable materials.
5. To prevent damage to H.F. Ballasts do not mix H.F. And conventional magnetic Ballasts on the same electrical circuit.
6. 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

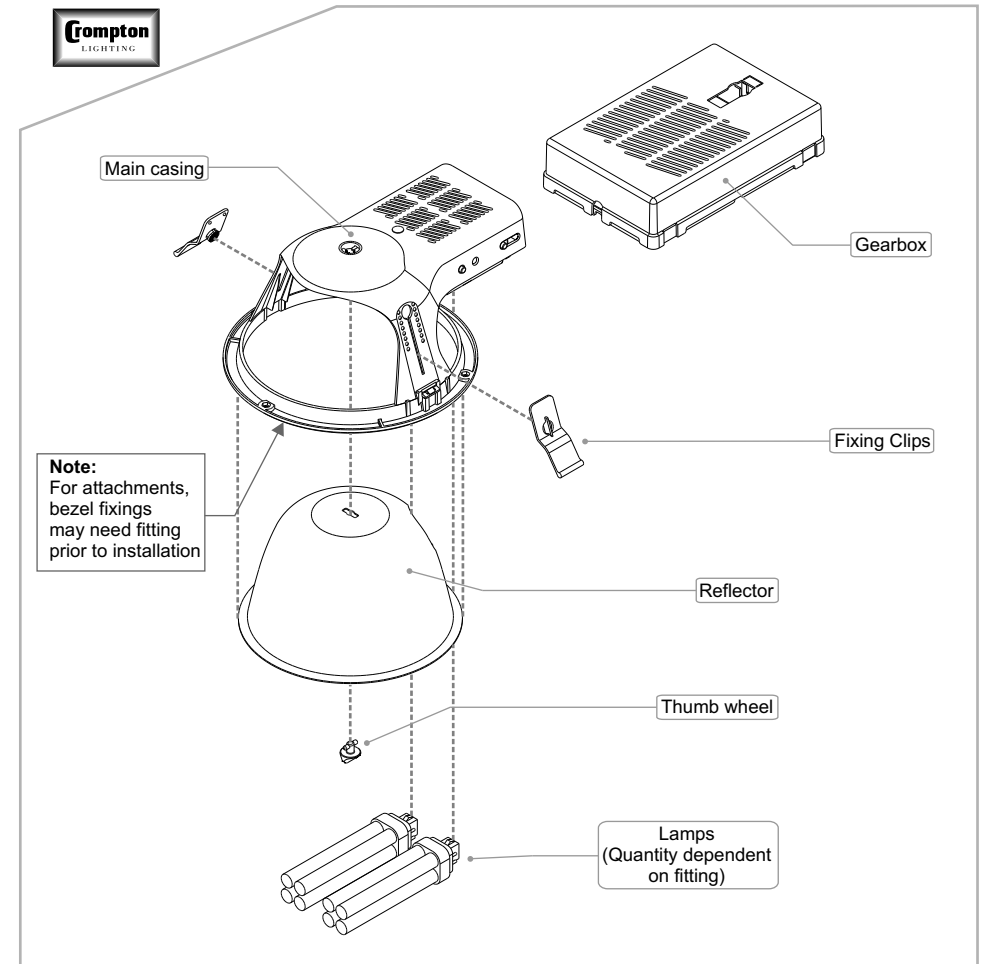
1. At commissioning and handing over of installation ensure that a copy of these instructions is presented to the authority responsible for the operation and maintenance of the luminaires.
2. Servicing, e.g. cleaning, lamp replacement, must only be carried out after the electricity supply has been switched off. It must not be assumed that luminaires 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 luminaires is maintained.
4. Failed lamps and starter switches must be replaced as soon as practicable by lamps and starters of the same type. For electronic start circuits allow **one minute** for the thermal cut out to re-set before switching on the mains supply.
5. At the end of life the lamp and luminaire are classed as WEEE under directive 2002/96/EC and should be disposed of in accordance with local legislation.

Cooper Lighting and Safety Ltd  
Wheatley Hall Road, Doncaster, South Yorkshire, DN2 4NB

Sales	General	Major Projects London	Export
T: +44 (0)1302 303303	+44 (0)1302 321541	+44 (0)1992 787999	+44 (0)1302 303250
F: +44 (0)1302 367155	+44 (0)1302 303220	+44(0)1992 787222	+44 (0)1302 303251
E: sales@cooper-ls.com	technical@cooper-ls.com	london@cooper-ls.com	export@cooper-ls.com

K807V1

**COOPER** Lighting



Installation Instructions for:

**Solstar (Horizontal)**



**COOPER** Lighting

- Product luminaires comply with BSEN60598-1.
- This luminaire has an ambient temperature range of 5°C to 25°C

# Assembly

**1**

Cut out diameter

Cut a hole of the appropriate diameter in the ceiling tile/plasterboard  
Feed mains cable through cut out

Hole cut out diameters	
Solstar 165mm Dia	150mm cutout
Solstar 220mm Dia	205mm cutout
Solstar 255mm Dia	240mm cutout

**2**

Connect mains cable to 4-way plug and insert plug into gearbox.

**Connecting to mains:**  
Ensure mains supply is turned OFF.  
Connect mains supply cable to the 4-way plug supplied (as shown below).

The plug has double screw connectors and strain relief for two cables enabling the mains supply cable to be looped between luminaires. **IMPORTANT** - Current in any one loop must not exceed 16 amps.  
Please refer to back page for additional wiring instructions regarding emergency and digital dimming.

Place gearbox into cut out, so it is concealed behind ceiling panel/plasterboard

**3**

Insert clips into housing, then insert housing into ceiling cutout

Once in place, click clips down, ensuring luminaire is secure

**4**

Ceiling tile/Plasterboard

Fit Reflector and lock into position using thumb wheel at top

Insert lamps

Rotate thumb wheel 90° to release/lock, ensuring it 'clicks' into position