

Installation Instructions for: Continuous Synthesis

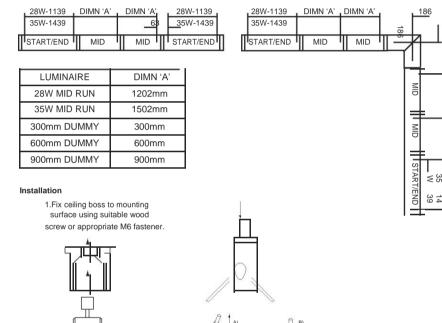
These luminaries comply with BS EN60598 Class 1(IP20) and are suitable for use in normal indoor conditions. Where use in more onerous situtations is required, e.g. in part-completed buildings before "drying-out" is completed, or areas where ambient temperatures are outside the normal temperature range, then consult Crompton Lighting.

Approved normal temperature range: 5°C to 25°C

Preparation For Installation

- 1. Remove louvre from housing and peel off remaining protective film from louvre surfaces.
- Remove front spring clipped infill panel from dummy and corner luminaires by inserting small flat bladed screwdriver into
 one end of infill and carefully ease panel out.

Suspension fixing data



 Feed 1.5m long wire into fastener body as shown. Screw body into ceiling boss.

- Thread 1.5m long wire into clutch body higher than required to enable easy downward adjustment.
- 4. Offer start/beginning of run luminaire up to the first two 'Y' section wires and feed nipple ends into keyhole slots. Adjust height of housing downwards by pressing top of clutch. Slide coupler strap onto luminaire end casting.

IMPORTANT: Ensure that black plugs are aligned with black sockets in adjacent luminaires and similarly with white plugs and sockets (where applicable).

- Offer mid luminaire/dummy up to next single 'Y' section wire and feed nipple ends into keyhole slots. Locate free end of luminaire/dummy into previously fitted coupler strap, grip cast endplates together and secure using single screw, nut and lock washer. Connect adjacent plug and socket(s).
- 6. Repeat the above instruction to fit the other mid section luminaires/dummies.
- 7. The continuous system is completed by a start/end of run luminaire which uses two suspension wires.

90º CORNER

- Secure all luminaires/dummies BEFORE fitting corner. Ensure that plug and socket assembly is on correct side for through wiring. Feed plug (from the outside) through relevant square hole, pull through and snap socket into square hole ensuring correct orientation, see end/start/mid luminaire if unsure.
- Secure 90° corner to its adjoining luminaires by using two screws, nuts, lockwashers per endplate. No suspension wires are needed.
- 10. On start of run luminaires connect supply and earth lead to appropriate connector.

Blue - N Brown - L Green/Yellow -

Note: On emergency luminaires connect the unswitched wire to L2.

The luminaire must be earthed Emergency and High Frequency luminaires must NOT be megger or high voltage tested.

Shootbolt Louvre - Installation

- 1. Attach louvre suspension cord through the hole in louvre end bracket and connect earthing spade onto same bracket.
- 2 Locate the shootbolts at the cord suspension end of the louvre, into the endplate and swing the other end up into position, pulling back the shootbolt handles to lock into place.

Dummy Panels - Installation

- 1. Attach infill suspension cord through the hole adjacent to earthtag, one each end and connect earthing spade onto earth tag on same bracket, one end only.
- 2. Offer infill into luminaire and snap in by gripping infill and back of housing at same time and applying pressure.
- 3. On 90° corner connect earthing spade onto earth tag on end bracket.

Servicing Control Gear

- 1. Switch mains off. Remove louvre and lamps.
- 2. Slacken off gear tray fixing nuts and slide screws out of slots.
- 3. Move gear tray forward to next line of fixing slots, slide screw in and tighten nuts.
- 4. Reverse the above operations to return luminaire to its operating condition.

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 direct mounting on all non-combustible and normally flammable materials, e.g. timber, plasterboard. 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 (Switch, Quick or S.R Start) on the same electrical circuit.

SERVICING AND LAMP 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.
- 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.
- Cleaning should be carried out at regular intervals to ensure that dirt does not accumulate to an extent that will impair the thermal safety of the luminaire. Regular cleaning will also ensure that the optical performance of the luminaires is maintained.
- 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.
- 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.
- 6. All other parts of these luminaries, in small quantities, may be disposed of in the normal way. However, if large quantities of plastic are to be incinerated special precautions should be taken against the fumes which may be given off.

Cooper Lighting and Safety Ltd Wheatley Hall Road, Doncaster, South Yorkshire, DN2 4NB Sales General Major Projects London International Sales T: +44 (0)1302 303303 +44 (0)1302 321541 +44 (0)1992 787999 +44 (0)1302 303250 F: +44 (0)1302 307155 +44 (0)1302 30221541 +44 (0)1992 787722 +44 (0)1302 303251 F: sale@cooperis.com Indem@cooperis.com +44 (0)1992 787222 +44 (0)302 303251

