



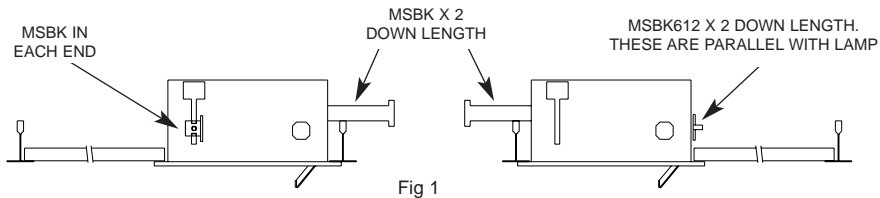
Installation Instructions for:

Moduwall T5

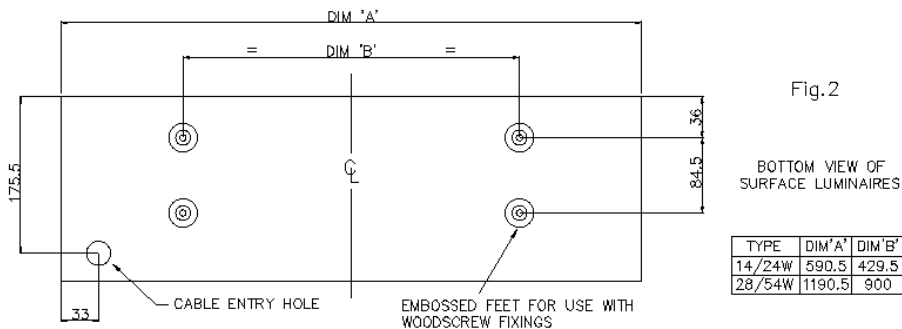
These luminaires comply with BS EN60598 Class 1 (IP20). Recessed versions are suitable for use in metric exposed 'T' ceilings and plasterboard ceilings. Where use in more onerous situations is required e.g. in part completed buildings before "drying-out" is completed or areas where ambient temperature are outside the normal temperature range, then consult Crompton Lighting.

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

- Testing of insulation resistance. In accordance with IEE Regulations, electronic ballast luminaires should be disconnected from supply before insulation resistance testing of wiring.
- METHOD OF FIXING RECESSED LUMINAIRES ON BEARERS**
- Before installation ensure that the ceiling support system is adequate to carry the total weight of the luminaire.
- Remove lamp. Remove reflector by disengaging locking tags. There are 3 on the 1200mm and 2 on the 600mm versions. Disengage by inserting and twisting small flat bladed screwdriver placed between side of housing and reflector. Do not damage reflector.
- Offer housing into prepared aperture. Insert 4 bearers into side/end slots as shown below in fig.1. As can be seen either MSBK or MSBK and MSBK612 bearer brackets (not supplied) are required depending on orientation of luminaire in exposed 'T' ceiling system.



- Lift luminaire, clamp bearer arms down into lowest positions and tighten locking screws.
- Luminaire is not a standard ceiling system aperture size and cut down tiles are required to complete installation. The sizes of these are dependent on the application. A height adjustable tile bracket is used to support and conceal the cut edge and can be moved by loosening the securing screws inside the luminaire to suit standard flush fitting or regular tiles. Use of tile bracket is dependent on draw-up or lay-in application and type of tile.
- Connect mains cable to terminal block, see note 13. below, refit reflector and earth lead, ensure reflector tags engage in housing slots, refit lamp.
- METHOD OF FIXING SURFACE LUMINAIRES**
- Remove lamp. Remove reflector by disengaging locking tags. There are 3 on the 1200mm and 2 on the 600mm versions. Disengage by inserting and twisting small flat bladed screwdriver placed between side of housing and reflector. Do not damage reflector. Disengage earth lead.



- Fit housing to ceiling using woodscrews, see fig.2 for fixing / cable entry positions.
- Slacken off gear tray fixing nuts and slide gear tray as far as it will go towards front of housing.
- Connect mains cable to terminal block, ensure there is sufficient cable to allow gear tray to be moved to its forward position for servicing (this applies to surface luminaires only).

Blue or Black - N Brown or Red - L Green/Yellow - **LUMINAIRE MUST BE EARTHED**

- Slide gear tray towards back of housing, as far as slots will allow it to go. Tighten gear tray fixing nuts.
- Refit reflector and earth lead, ensure tags engage in housing slots, refit lamp.

Safe Operation

- Check the rating label for voltage and frequency before connecting this luminaire to the electrical supply.
- Ensure that the mains supply is switched off when working on this luminaire, whether installing, re-lamping or carrying out any other servicing.
- Use the correct lamps as initially supplied or as indicated on the ballast label.
- 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.
- 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

- 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.
- 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.
- All other parts of these luminaires, 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.

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