



Installation Instructions for: Moduwall

Asymmetric luminaires comply with BS4533-102.2 Class 1 (IP20)

Approved normal ambient temperature range 5 C to 25 C.

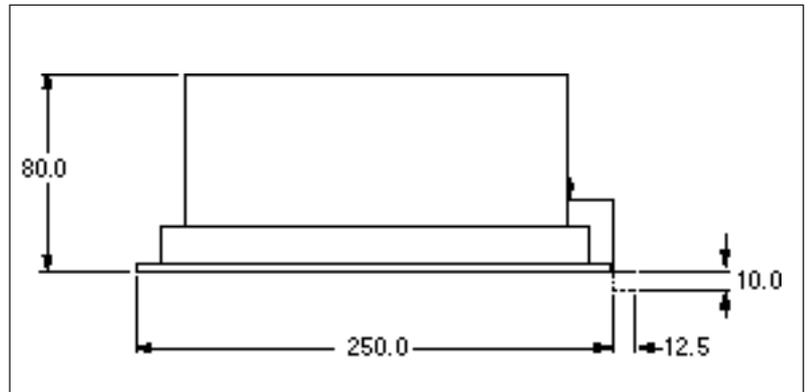
Radio Interference: Luminaires comply with EMC requirements.

1. Testing of insulation resistance. In accordance with IEE Regulations, electronic ballast luminaires should be disconnected from supply before insulation resistance testing of wiring.

2. METHODS OF FIXING LUMINAIRES BEARER SUSPENSION.

- Before installation ensure that the ceiling support system is adequate to carry the total weight of the luminaire.
- Nominal luminaire dimensions.

Nominal Dimensions	Nominal Weight
250x600mm	3.5kg
250x1200mm	7.0kg



c. Offer housing up into prepared aperture. Insert bearer through end slot to retain luminaire. Repeat for all four bearers.

d. Lift luminaire, clamp bearer arms down into lowest positions and tighten locking screws.

e. Luminaire width is not a standard ceiling system aperture size and cut down tiles are required to complete installation. The size of these is dependent on application.

A height adjustable bracket is used to support and conceal the cut tile edge and can be moved by loosening three securing screws inside the luminaire to suit standard flush fitting or tegular tiles.

3. Connect supply and earth conductors to the three way terminal block marked N, \oplus & L.

Blue - N Brown - L Green \oplus

LUMINAIRE MUST BE EARTHED

4. REFLECTOR FRAGILE: HANDLE WITH CARE

Attach 2 safety cords from housing to back of reflector then fix earth lead to spade. Offer reflector to housing (use glove provided to avoid finger marks) locate to keyhole slots and secure in position.

5. LAMP INSTALLATION

Fit long single turn compact (TC-L) lamp(s), pushing firmly into lampholders to ensure positive pin contact. On single lamp fittings the glass end of the lamp will have to be initially pushed through the cut-out in the reflector before it will be possible to fix to the lampholder.

6. COVER PLATE INSTALLATION

- a. Fit cover plate by locating springs into slots on one side of housing, swing opposite side upwards and locate remaining springs in slots. Push up with an even upward pressure on both sides of the attachment to fully locate springs into housing.
- b. To remove cover plate, place fingers on inner edge of frame and pull downwards to expose all springs before allowing attachment to hinge from one side, lamp(s) can now be accessed.

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 lamp as initially supplied or as indicated on the ballast label.
4. This luminaire is suitable for direct mounting on non-combustible materials, e.g. metal, concrete, plaster. It is not suitable for direct mounting on normally flammable materials, e.g. timber, chipboard. For such materials ensure a minimum clearance of 10mm between luminaire and mounting surface. 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 circuit.

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 these 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 of the luminaire. Regular cleaning will also ensure that the optical performance of the luminaire is maintained.
4. Failed lamps and starter switches must be replaced as soon as practicable by lamps and starters of the same type.
5. Lamps should be disposed of by breaking them in a container. Precautions must be taken against flying glass or other fragments. This should be done out of doors or in a well ventilated area. Disposal of the debris or large quantities of lamps may be the subject of special regulations of your Local Authority who should be consulted for specific guidance.
6. 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. The capacitors in these luminaires are of the dry-film type and contain no materials likely to be injurious

Head Office

Cooper Lighting and Security 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

