

# INSTALLATION INSTRUCTIONS FOR MSL SERIES 1 CEILING MOUNT

The MSL Series 1 Ceiling Mount is designed and manufactured with a view to assist installation. The light is supplied as a number of pre-assembled components. When installing please follow the instructions in the detailed sequence below. (1-7)

## 1. Install Mounting Plate / Ceiling Tube. (A & B)

- This must be securely fixed to a structure that has sufficient strength and stability to support the light and prevent movement when the light is used.  
**Note:** Minimum mounting distance from wall is 800mm to centre of ceiling tube.
- For fixing the mounting plate it is recommended that 6 x 8 or 10mm dia. screws/fixing bolts are used.
- **Note:** Ensure the mounting plate is plumb and shim the mounting plate if necessary. Accurate alignment is most important and a level should be used to verify.

## 2. Connect 240v Power.

## 3. Position Ceiling Cover. (C)

- Secure retaining ring (D) using a 2mm Hex key.
- **Note:** Some installations may have very short ceiling mounts where the ceiling cover may conceal the M6 countersunk screws that retain the light fitting. In this situation carefully slide the ceiling cover (C) onto the upper arm (E) of the light fitting after following the procedures in step 4.

## 4. Install Suspension Arm. (E)

- Remove 2 x M6 countersunk screws from ceiling tube insert at the top of Suspension Arm. (E)
- Connect low voltage Molex plugs between top of Suspension Arm (E) & Ceiling Tube. (B)
- Align screw holes and insert Suspension Arm (E) into ceiling tube (B).
- Secure with 2 x M6 countersunk screws using a 4mm Hex key.  
**Note:**
- Ceiling heights of 2670mm and above have standard suspension arm.  
Ceiling heights less than 2669mm use a "LC" low ceiling arm.

## 5. Install Lower Arm. (F)

- Remove 1 x M6 x 10 Button Head socket screw and washer from top of Centre Joint. (H)
- Connect low voltage Molex plugs between bottom of Suspension Arm (E) & top of Centre Joint. (H)
- Align screw holes and insert centre Joint (H) into bottom of Suspension Arm (E)
- Secure with 1 x M6 x 10 Button Head socket screw using 4mm Hex Key.

## 6. Install Light Head. (G)

- Remove 1 x M4 screw and washer from Light Head insert.
- Plug in low voltage cables using Molex connectors and carefully slide back into lower arm. (F)
- Align screw holes in lower arm and install screw and washer using a 2.5mm Hex key.  
**Note:** Screw must be securely tightened.
- Fit sterilisable handle.

## 7. Power up unit to test.

Ceiling Mount Fixing detail:  
Mounting Plate (A)  
Back Plate 200mm x 180mm

