

# INSTALLATION INSTRUCTIONS 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 follow the instructions in the detailed sequence (1-7).

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

- Must be securely fixed to a structure that has sufficient strength and stability to support the light and prevent any movement when the light is being used.  
**Note:** Minimum mounting distance from wall is 900mm 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.
- Weight - 12kg.
- **Note:** To ensure the ceiling tube is plumb, shim the mounting plate if necessary. Accurate alignment is most important - a level should be used for checking.

## 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. Install the arm assembly (E & F) then position the ceiling cover (C).

## 4. Install Arm Assembly. (E & F)

- Remove 2 x M6 countersunk screws from ceiling tube insert.
- Plug in low voltage cables. **Note:** for LED models check cable colour coding for correct polarity.
- Align screw holes, insert into ceiling tube (B).
- Secure 2 x M6 countersunk screws using a 4mm Hex key.  
**Note:** - Ceiling heights 2630mm and above have the 90° suspension arm.  
- Ceiling heights less than 2630mm have the Z suspension arm.

## 5. Install Light Head. (G)

- Remove 1 x M4 screw and washer.
- Plug in low voltage cables. **Note:** for LED models check cable colour coding for correct polarity. Carefully push connectors back in lower arm (F).
- Align screw holes, slide into lower arm (F), install screw and washer using a 2.5mm Hex key.  
**Note:** Screw must be securely tightened.

## 6. Install Counterweight. (H)

Remove 1 x M5 screw, slide counterweight (H) into pivot block (I) and secure using a 3mm Hex key.

## 7. Power up unit to test.

