



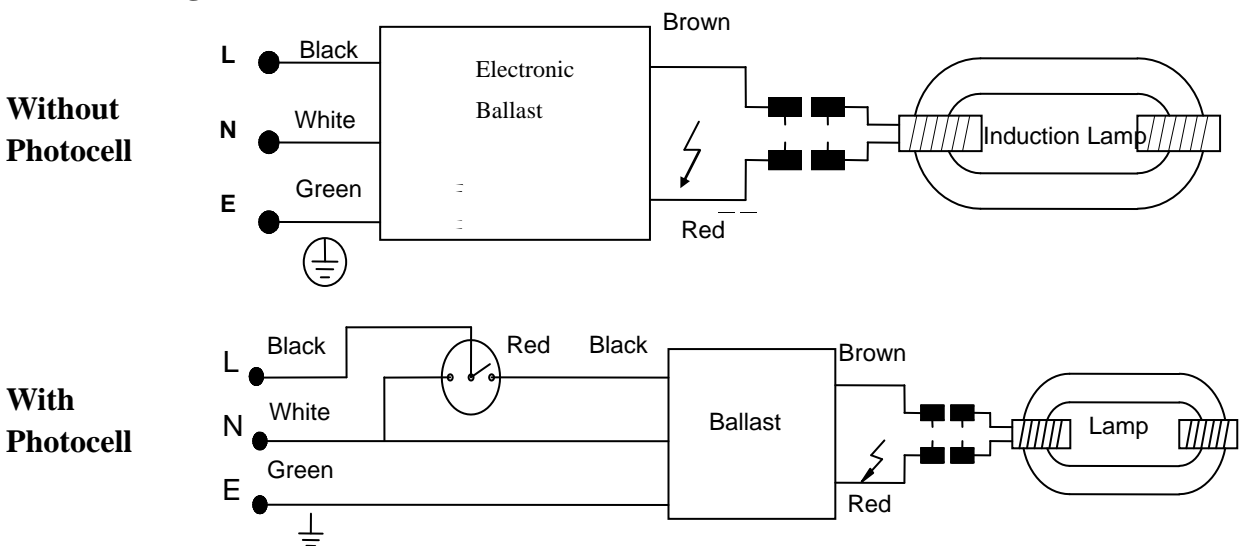
INSTALLATION INSTRUCTION

MHT-SFL

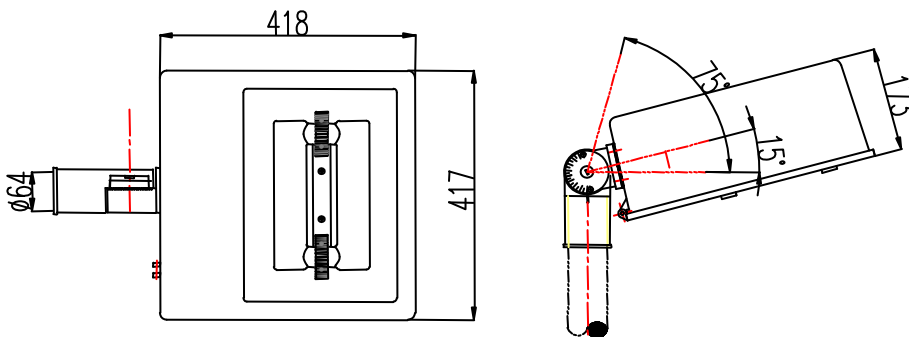
1. Main data

| Fixture Type | Lamp Type | Supply Voltage (V) | Rated Wattage (W) | Working Current (A) | Ballast Model | Power Factor (COS ϕ) | Net weight (kg) |
|--|-----------|--|-------------------|---------------------|---------------|----------------------------|-----------------|
| MHT-SFL-70E MHT-SFL-80E MHT-SFL-100E MHT-SFL-120E MHT-SFL-150E MHT-SFL-200E MHT-SFL-250E | ST70W | 120V~277V AC (-10%~+10%) 50/60Hz | 74 | 0.62~0.27 | MHTST-70-U | ≥ 0.95 | 9.8 |
| | ST80W | | 84 | 0.70~0.35 | MHTST-80-U | ≥ 0.95 | 9.8 |
| | ST100W | | 105 | 0.88~0.41 | MHTST-100 | ≥ 0.95 | 10.0 |
| | ST120W | | 126 | 1.05~0.50 | MHTST-120-U | ≥ 0.95 | 24.0 |
| | ST150W | | 158 | 1.33~0.63 | MHTST-150-U | ≥ 0.95 | 24.2 |
| | ST200W | | 210 | 1.76~0.80 | MHTST-200-U | ≥ 0.95 | 24.4 |
| | ST250W | | 263 | 2.19~1.05 | MHTST-250-U | ≥ 0.95 | 24.6 |

2. Circuit diagram



3. Outline Dimensions (mm)



※ **Mounting: Round Pole** (other mounting options are available using different brackets)

4. Installation and Maintenance Instruction

4.1 The efficient and reliable grounding is a must not only for the personal protection, but also for the proper use of electronic ballast to meet the national standard of EMC without interference to the equipment.



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4.2 The Luminaire shall be installed in the area with good ventilation, no corrosive gas and no combustible and explosive objects.

4.3 The supply voltage is allowed to be varied at +10% to -10%. It will influence the normal start and operation of lamp and damage the electronic ballast if it is outside of this range.

4.4 The maintenance can be done only after the power is cut off and the lamp is cold down.

4.5 The product shall be installed and serviced by the competent and certified electrician.

4.6 The wiring inside the Luminaire is tool-free and it is not allowed to disconnect the lamp with power on.

4.7. The ambient temperature is allowed to be -20°C to +40°C

4.8 Operation while the glass cover is open is forbidden.

Note:

The above data is subject to change without notice.

Warning: The Luminaire shall be grounded reliably to avoid accidental power leakage and electric shock.

Installation:

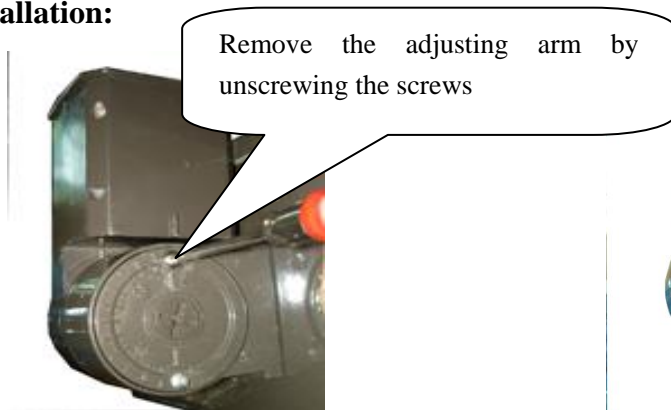


Fig1

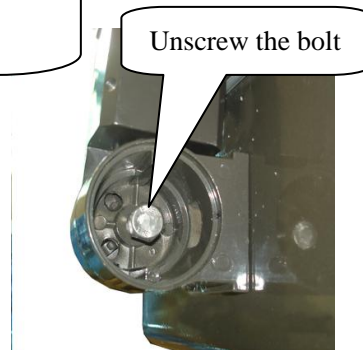


Fig.2

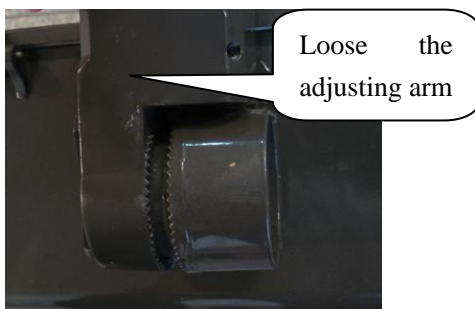


Fig.3

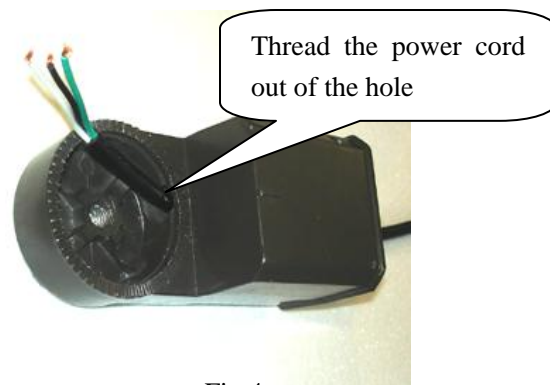


Fig.4

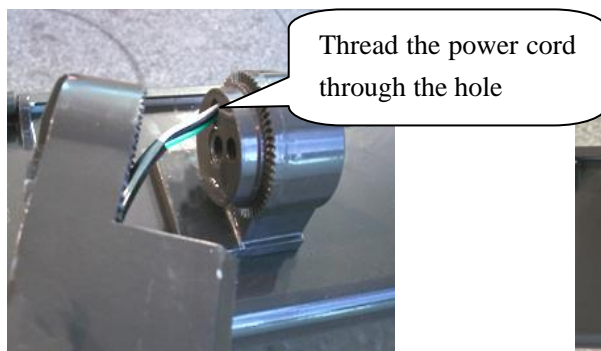


Fig .5

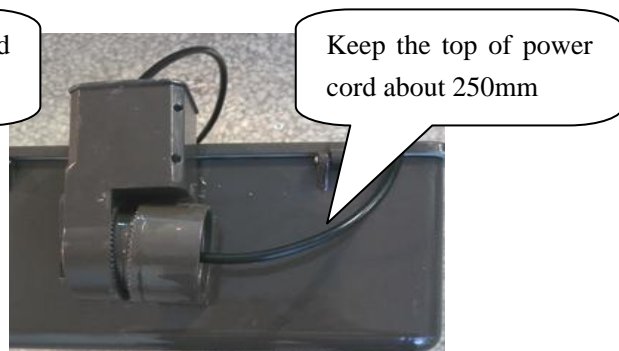
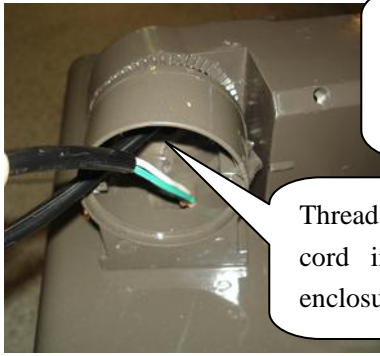
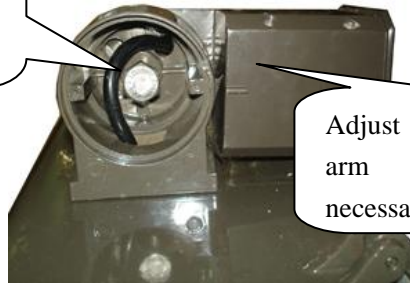


Fig. 6



Thread the power cord into the lamp enclosure

Fig. 7



Secure the adjusting arm by fastening the bolt

Adjust the angle of the arm when it is necessary

Fig. 8



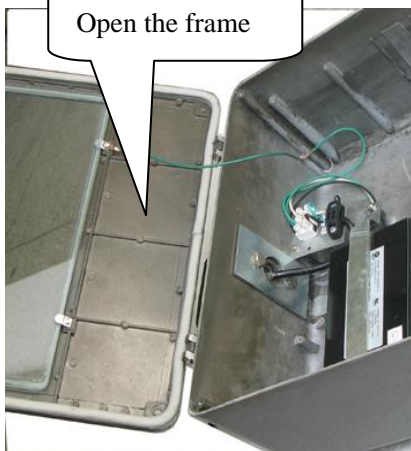
Secure the cover by fastening the screws

Fig. 9



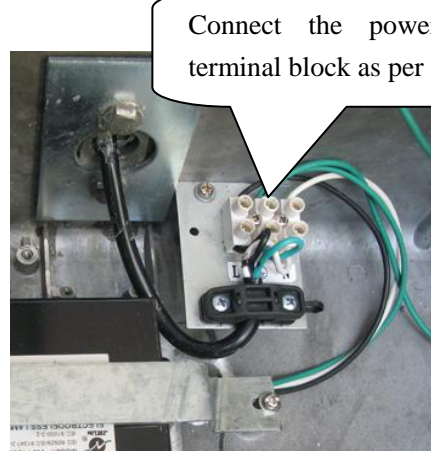
Loose out the four screws

Fig.10



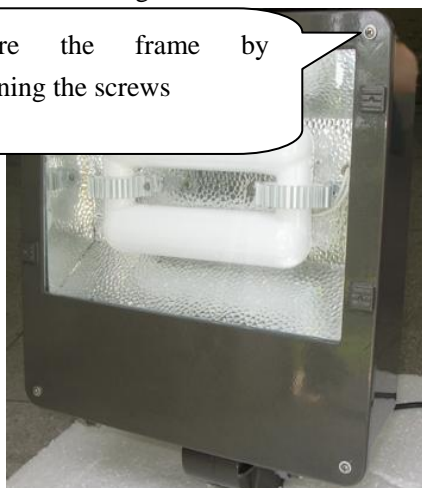
Open the frame

Fig. 11



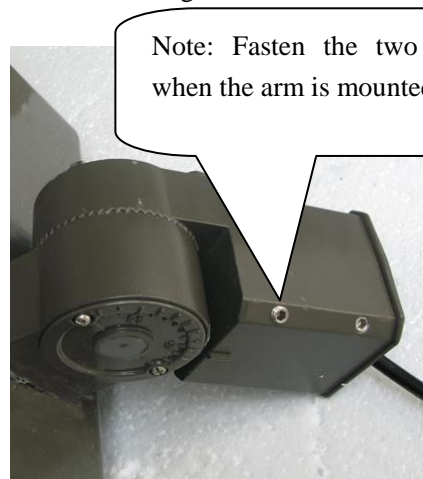
Connect the power cord and terminal block as per markings

Fig.12



Secure the frame by fastening the screws

Fig. 13



Note: Fasten the two set screws when the arm is mounted to the pole

Fig. 14