

# INSTALLATION INSTRUCTIONS FOR LED REMOTE HEAD

## IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS

*When using electrical, basic safety precautions should always be followed including the following.*

1. Review the diagrams thoroughly before beginning.
2. All electrical connections must be in accordance with local codes, ordinances, and the National Electric code.
3. Disconnect power at fuse or circuit breaker before installing or servicing.
4. Unit is suitable for outdoor use.
5. Unit is suitable for hazardous location Class I, div 2, groups A, B, C, D. Temperature code: T5.
6. Do not let power cords touch hot surface.
7. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
8. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
9. Do not use this equipment for other than intended use.
11. All servicing shall be performed only by qualified personnel.
12. For hazardous location, the unit must be installed with mounting brackets and conduit connector (hub).

## SAVE THESE INSTRUCTIONS

### WARNING: INSTALLATION METHODS

If the fixture is intended for installation in a Hazardous Location Class I, Div 2, Groups A, B, C, D, the unit must be installed with mounting brackets and conduit connector (hub).

If the fixture is intended for installation in a non-hazardous location, suspended, wall and ceiling mounting by using a standard junction box are available.

#### Wiring Diagram

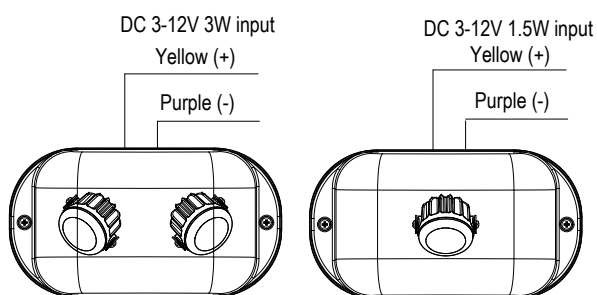


Fig. 1

#### Adjust the Lamp-head Angles

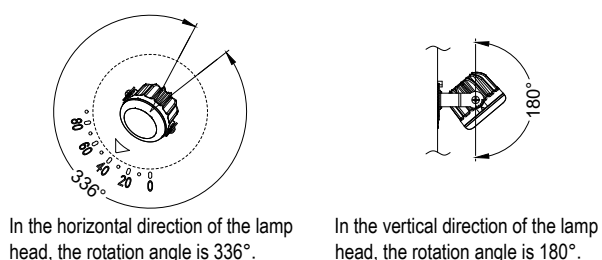


Fig. 3

#### Open Clear Cover

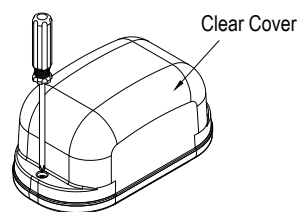
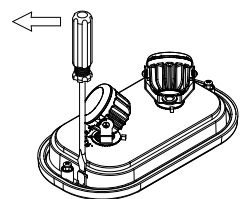


Fig. 2

#### Disassemble The Housing



#### Install the NPT hub

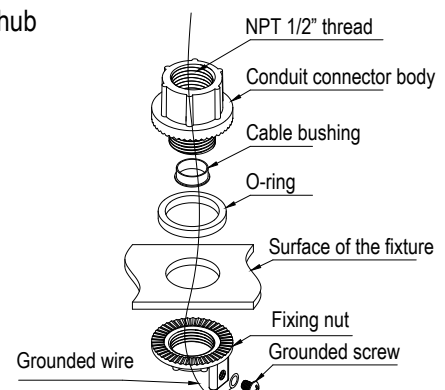


Fig. 4

# Mounting Instructions

**Maximum mounting height: RH-C1D2-SH: 24ft RH-C1D2-DH: 35ft**

## Installation With Mounting Brackets and Hub (see Fig. 5)

### Suitable for Hazardous Locations

1. Use Philip screwdriver loose 2 screws and remove the clear cover (see Fig. 2).
2. Use flat blade screwdriver insert the two slots and pry off the the housing from back plate (see Fig. 2).
3. Assemble the two surface-mounting brackets (provided) onto the back plate and secure them with the supplied screws. There is an upward arrow on the back plate, pay attention to its orientation during installation (see Fig. 5).
4. Position the housing on the desired surface. Using the bracket holes as a drilling template, drill four holes and insert the mounting anchors.
5. Knock out the cable-entry hole on the back plate.
6. Assemble conduit connector (hub) on the back plate.
7. Secure a conduit to the fixture housing using conduit connector, route the DC supply wire in the fixture.
8. Secure the fixture on the mounting surface with four mounting screws.
9. Make the electrical connections per the wiring diagram. The ground wire of the hub needs to be connected.
10. Snap the housing onto the back plate.
11. Adjust the lamp-head angles per required.
12. Restore the clear cover on the fixture.

## Wall Mounting On Junction Box (see Fig. 6)

### Suitable for Non-Hazardous Locations

1. Refer to steps 1 through 2 of "Installation With Mounting Brackets and Hub".
2. Knockout cable entry-hole and appropriate mounting hole on the back plate.
3. Route remote DC wires through the cable hole of back plate. fix back plate to J-box by screws. There is an upward arrow on the back panel, pay attention to its orientation during installation (see Fig. 6).
4. Make the electrical connections per the wiring diagram and tuck any excess wire into the junction box.
5. Rest steps refer to steps 10-12 in "Installation With Mounting Brackets and Hub".

## Ceiling Mounting On Junction Box (see Fig. 7)

### Suitable for Non-Hazardous Locations

Refer to "Wall Mounting On Junction Box" instruction.

Just one difference:

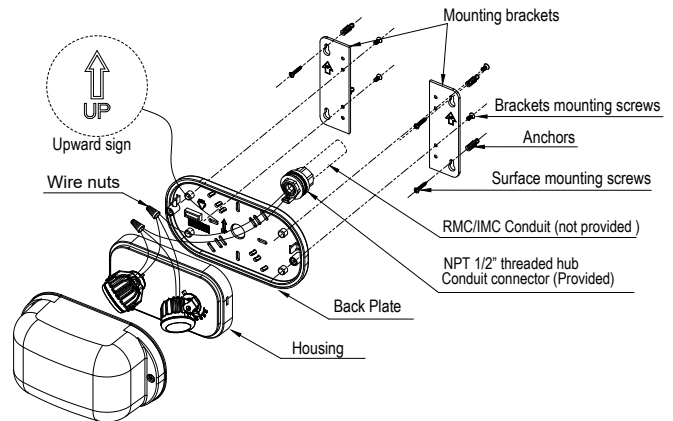
Mount back plate on the ceiling surface instead of wall surface.

## Suspended Mounting (see Fig. 8)

### Suitable for Non-Hazardous Locations

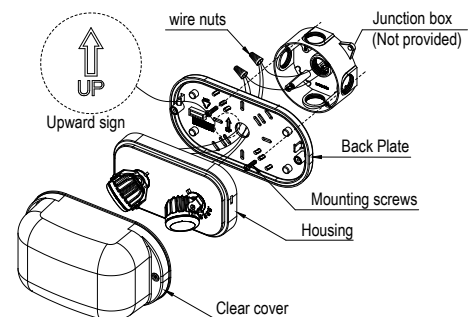
1. Refer to steps 1 through 2 of "Installation With Mounting Brackets and Hub".
2. Knock out the cable-entry hole on the back plate.
3. Assemble conduit connector (hub) on the back plate.
4. Secure a conduit to the fixture housing using conduit connector, route the DC supply wire in the fixture.
5. Rest steps refer to steps 9-12 in "Installation With Mounting Brackets and Hub".

## Installation with Mounting Brackets



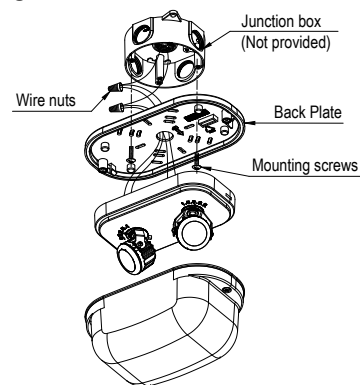
**Fig. 5**

## Wall Mounting On Junction Box



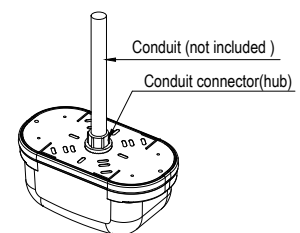
**Fig. 6**

## Ceiling Mounting On Junction Box



**Fig. 7**

## Suspended Mounting



**Fig. 8**

## Instructions for Cleaning Lamp Screw Holes

Tools: Insulation gloves, step ladder, cordless vacuum cleaner(with narrow nozzle), small soft brush, dust cloth, 75% alcohol spray.  
Steps: Turn off power and cool down → Wear gloves and climb ladder → Vacuum screw holes → Brush out deep dust → Vacuum again → Wipe surface with cloth → Spray alcohol lightly around holes → Restore power and check.