

INSTALLATION INSTRUCTIONS

PT-LHTL SERIES

PT-LHTL - (HW, MW, LW) - 3CP

PORTOR
LIGHTING
a PORTOR INDUSTRY brand



WARNING

- TO REDUCE THE RISK OF DEATH, PERSONAL INJURY OR PROPERTY DAMAGE FROM FIRE, ELECTRIC SHOCK, FALLING PARTS, CUTS/ABRASIONS, AND OTHER HAZARDS READ ALL WARNINGS AND INSTRUCTIONS INCLUDED WITH AND ON THE FIXTURE BOX AND ALL FIXTURE LABELS.
- BEFORE INSTALLING, SERVICING, OR PERFORMING ROUTINE MAINTENANCE UPON THIS EQUIPMENT, FOLLOW THESE GENERAL PRECAUTIONS.
- COMMERCIAL INSTALLATION, SERVICE AND MAINTENANCE OF LUMINAIRES SHOULD BE PERFORMED BY A QUALIFIED LICENSED ELECTRICIAN.
- **FOR THE INSTALLATION:** IF YOU ARE UNSURE ABOUT THE INSTALLATION OR MAINTENANCE OF THE LUMINAIRES, CONSULT A QUALIFIED LICENSED ELECTRICIAN AND CHECK YOUR LOCAL ELECTRICAL CODE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.
- DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.

CAUTION

- AVOID DIRECT EYE EXPOSURE TO THE LIGHT SOURCE WHILE IT IS ON.
- ACCOUNT FOR SMALL PARTS AND DESTROY PACKING MATERIAL, AS THESE MAY BE HAZARDOUS TO CHILDREN.
- **RISK OF BURN.** DISCONNECT POWER AND ALLOW FIXTURE TO COOL BEFORE CHANGING BULB OR HANDLING FIXTURE.

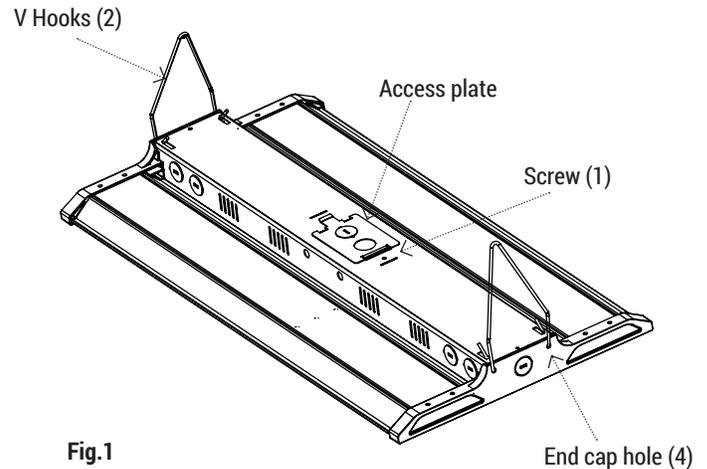
WARNING

- TURN OFF ELECTRICAL POWER AT FUSE OR CIRCUIT BREAKER BOX BEFORE WIRING FIXTURE TO THE POWER SUPPLY.
- TURN OFF THE POWER WHEN YOU PERFORM ANY MAINTENANCE.
- VERIFY THAT SUPPLY VOLTAGE IS CORRECT BY COMPARING IT WITH THE LUMINAIRE LABEL INFORMATION.
- ALL WIRING CONNECTIONS SHOULD BE CAPPED WITH UL APPROVED WIRE CONNECTORS.

INSTALLATION (ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!)

V-HOOK MOUNT

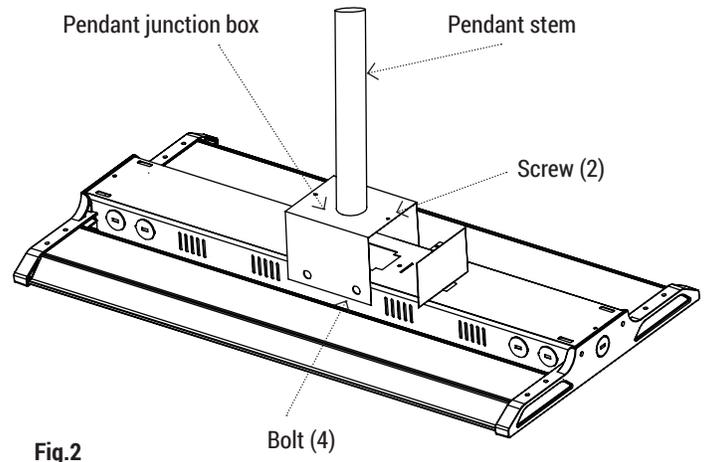
1. V Hooks (2) are provided for mounting. Secure V Hooks through END CAP Hole as shown (Fig. 1).
2. Fixture mounting height and spacing should be determined by application requirements.
3. Remove Access Plate and feed supply wire with strain relief conduit connector through Access Plate and make electrical connections as shown in wiring diagram. Use appropriate UL approved wire connectors as required by code to complete wiring with supply wires. Push all wires back into housing. Be careful not to pinch wires.
4. Reinstall Access Plate and secure with supplied Screw (1).
5. If ordered with sensor (suffix /MS or IR) or similar sensor, see sensor instructions enclosed.



PENDANT MOUNT

1. Choose length of 1/2" NPS Pendant Stem (supplied by others).
2. Install Pendant Junction Box (ordered separately) to fixture by mounting Pendant Junction Box on fixture and securing with supplied Bolt (4) and as shown (Fig. 2).
3. Feed wires through Pendant Stem and into Pendant Junction Box. Use appropriate UL approved wire connectors as required by code to complete wiring with supply wires in the Pendant Junction Box. Push all wires back into Pendant Junction Box, install Side Panels (2) with supplied Screws (2). Be careful not to pinch wires.
4. If ordered with sensor (suffix /MS or IR) or similar sensor, see sensor instructions enclosed.

(Accessory ordered separately)



Clean all residues/fingerprints from the new LED high bay and lens. Double check all hanging hardware before moving onto the next installation.

INSTALLATION (ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!)

CCT/WATTAGE SELECTOR

Simply switch the desired CCT before installation.

Factory Settings:

PT-LHTL-LW-3CP (170W / 4500K)

PT-LHTL-MW-3CP (255W / 4500K)

PT-LHTL-HW-3CP (400W / 4500K)

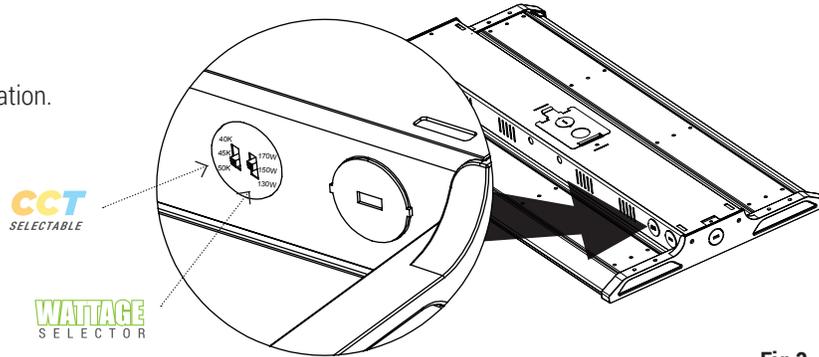


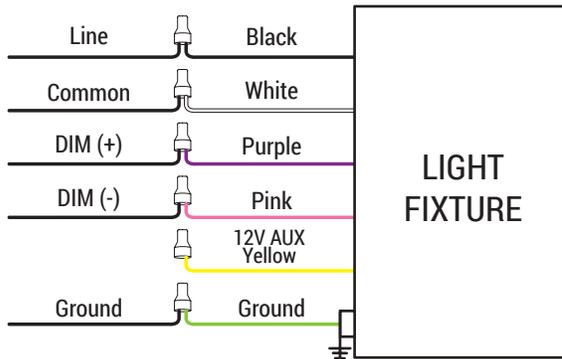
Fig.3

0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10V Dimming, follow the wiring directions in Fig. 5.

1. Connect the black fixture lead to the LINE supply lead.
2. Connect the white fixture lead to the COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground.
4. Connect the purple fixture lead to the (V+) DIM lead.
5. Connect the pink fixture lead to the (V-) DIM lead.

NOTE: Do not connect DIM V+ (purple)/ DIM V- (pink) to line voltage or supply ground.



MOTION SENSOR INSTALLATION (SOLD SEPARATELY)

1. Unscrew the plug out with a screwdriver and screw the Sensor Kit on.

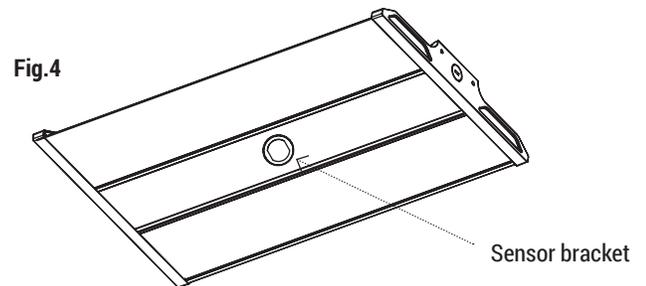
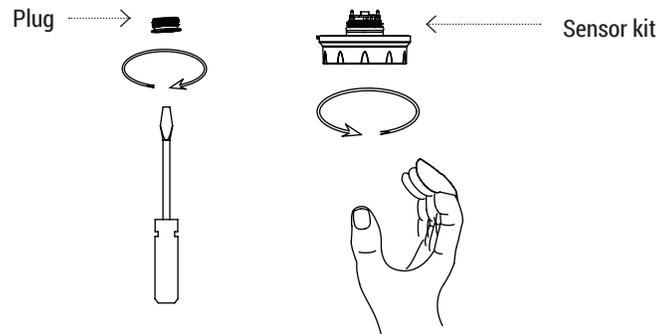


Fig.4



CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Lens can be washed only after removing from fixture and only in a solution of warm water and any mild, non abrasive household detergent, rinsed with clean water and wiped dry. Do not use chemicals to clean Lens or fixture.
2. Do not open fixture to clean the LED. Do not touch the LED.

TROUBLESHOOTING

1. Check that the line voltage at fixture is correct. Refer to wiring directions.
2. Be sure the fixture is grounded properly.

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