

INSTALLATION INSTRUCTIONS

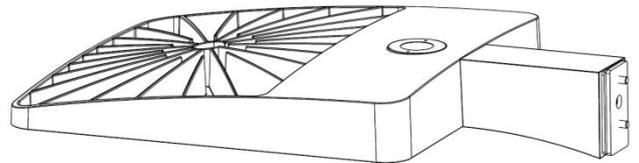
IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Howard fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

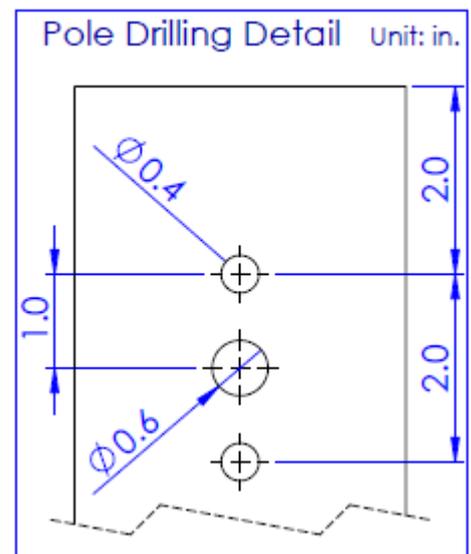
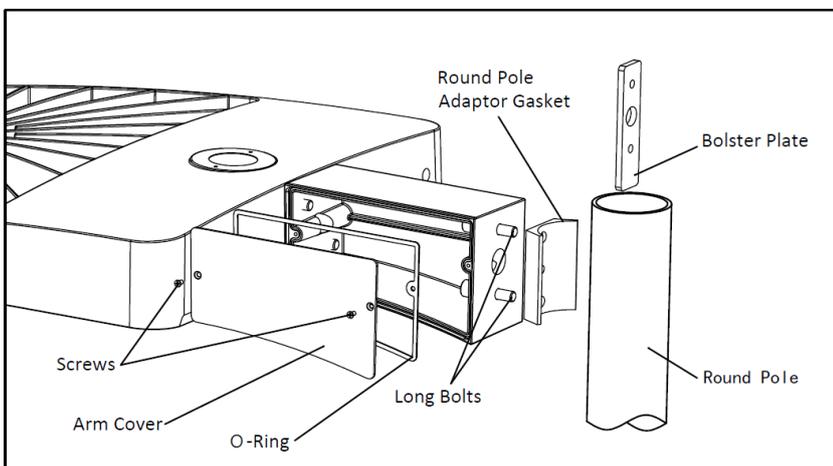
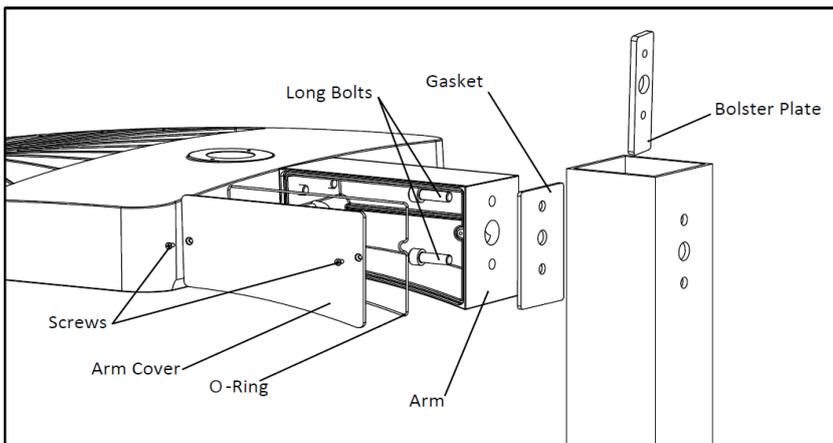
WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

A. DIRECT POLE MOUNT (standard option)



Check that pole is drilled according to Pole Drawing Detail.

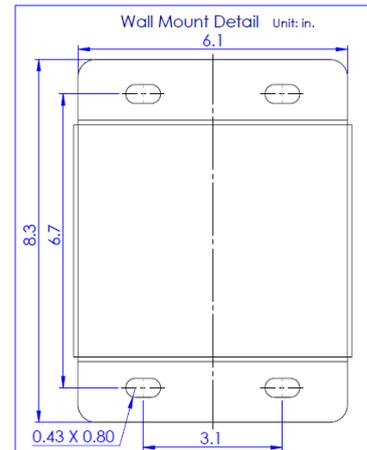
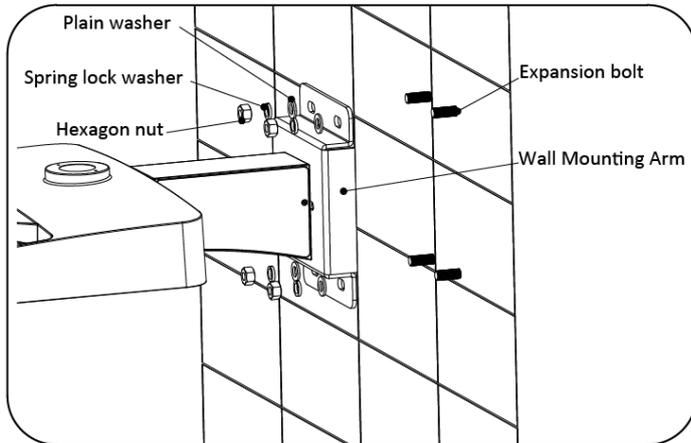
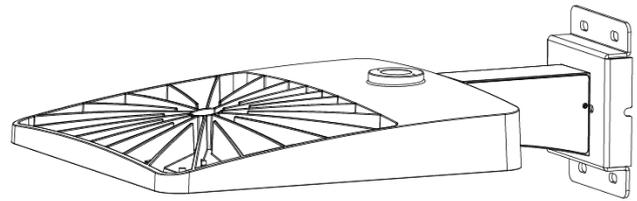
1. Remove the Arm Cover from the Arm.
2. Insert Long bolts through Arm, Gasket, Pole and thread into the Bolster Plate. Requires #6 Allen key.
3. Be sure the Gasket is between the Arm and pole and secure with bolts, washers and lockwashers.
4. Knot wires for strain relief inside the Arm and make supply voltage and ground connections.
5. Replace the Arm Cover. Be sure the Gasket on Arm Cover is in place. Tighten Screws.



A round pole adapter gasket (part number: YAL-RPA) can be purchased separately for mounting this fixture on round poles.

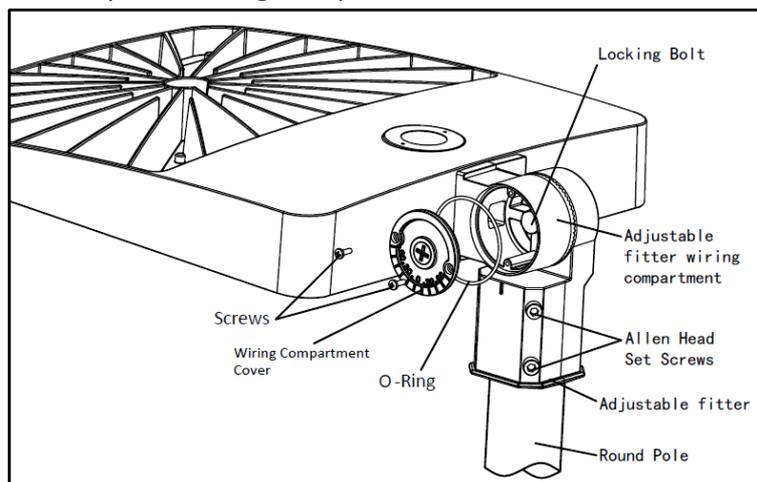
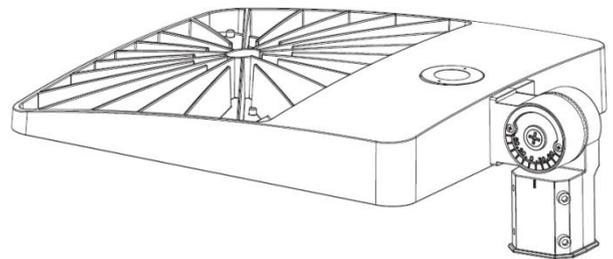
B. WALL MOUNT WITH ARM (part number YAL-WM, order separately)

1. Attach Wall-Mount to mounting arm of the fixture.
2. Drill four (4) holes in the wall using the template provided for expansion bolts (provided by others). Insert expansion bolts in the wall.
3. Carefully hang assembled fixture onto the expansion bolts. Tighten Hexagon nut to securely mount the fixture.



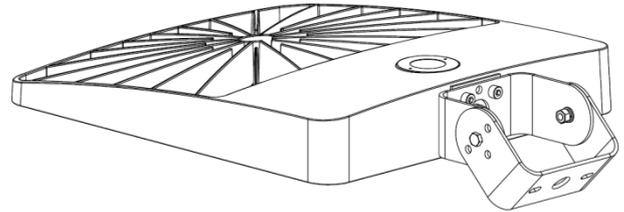
C. ADJUSTABLE SLIP FITTER INSTALLATION (part number YAL-SF, order separately)

1. The Adjustable Slip-Fitter fits up to a 2-3/8" O.D. tenon. Place the adjustable fitter over the tenon and secure the fixture with 2 Allen Head Set Screws on the side of the Adjustable Fitter.
2. Feed wires from Fixture through Adjustable Fitter and supply wires from Pole. Knot wires for strain relief in the Adjustable Fitter and make supply voltage and ground connections.
3. To adjust the angle of the Adjustable Fitter, remove 2 screws and remove the Wiring Compartment Cover. Loosen the Locking Bolt and swivel fixture to desired angle. The graduation on the Wiring Compartment Cover can be used as guidelines to adjust the angle.
4. Tighten the Locking Bolt. Replace Wiring Compartment Cover.

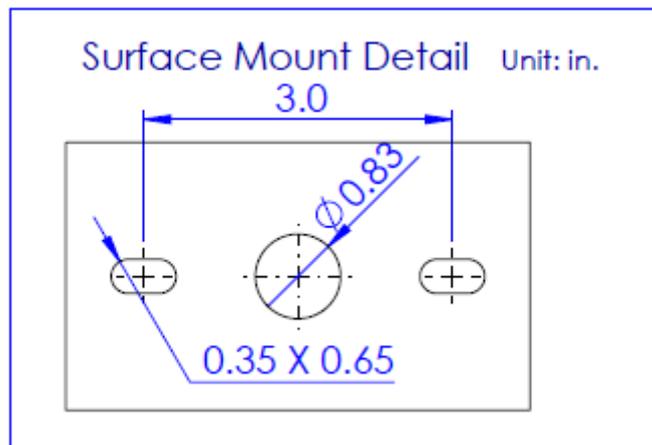


D. TRUNNION MOUNTING (U-BRACKET) (part number YAL-TR, order separately)

1. Check that the mounting bracket is securely attached to luminaire before installation.
2. Using holes in mounting bracket as a guide, drill a minimum of three 2 holes in the surface where the luminaire is to be mounted.
3. Mount the luminaire using mounting bracket, and ensure that luminaire is secure and attached to the surface structure.
4. Adjust beam direction, as required.



Mounting to Surface



ELECTRICAL CONNECTIONS

YAL Series fixtures are prewired to work with dimming photo control. Installer must install photo-control or shorting plug (provided by others).

ON-OFF WIRING

Universal voltage driver permits operation at 100V thru 277V, 50 or 60 Hz. Follow the wiring directions as given below –

1. Connect the black fixture lead to the LINE supply lead.
2. Connect the white fixture lead to the NEUTRAL supply lead.
3. Connect the GROUND wire from fixture to supply ground.

