

HAZARD-GARD® TRUNNION ARM (S812 SUFFIX)

Installation & Maintenance Information

IF 1337

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

APPLICATIONS

HAZARD-GARD® Trunnion Mount (suffix S812) lighting fixtures are UL and cUL Listed for use indoor and outdoor in the following hazardous (classified) and adverse environment locations as defined by the National Electrical Code (NEC)® and Canadian Electrical Code (CEC):

- Class I Division 1 Groups B (with GB suffix), C, D; Class I Zone 1 IIB + H₂ (with GB suffix)
- Marine (Type 4X) and Wet Locations

Refer to the fixture nameplate for specific classification information and operating temperature (T-Number)

HAZARD-GARD® Trunnion Mount fixtures are supplied with a choice of voltages (120, 208, 220, 240, 277, 480, tri-tap, multi-tap, etc.) and light sources, High Pressure Sodium (HPS), Metal Halide (MH), or Mercury Vapor (MV) in ratings of 50 through 400 watts.

Trunnion mount Hazard-Gard light fixtures are used as floodlights and can be mounted at any angle, such as on a wall.

WARNING

To avoid the risk of fire, explosion or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only.

WARNING

To avoid explosion and electric shock:

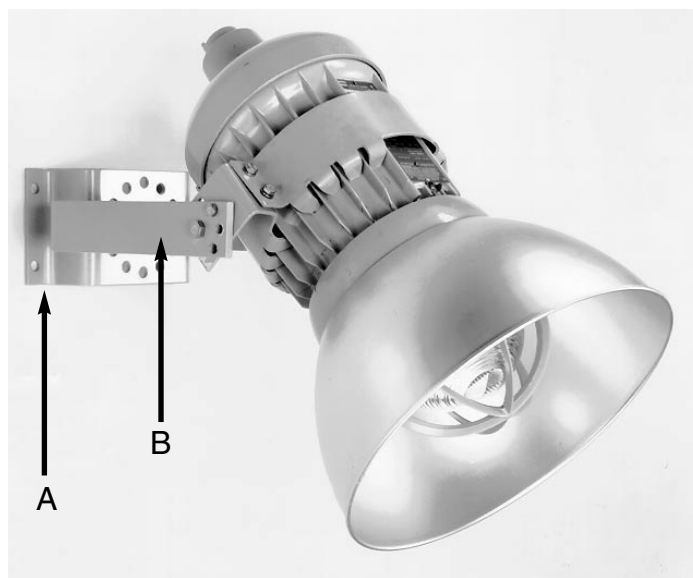
- Be certain electrical power is OFF before and during installation and maintenance.

INSTALLATION

Mounting

1. Ensure that the four 3/8" bolts in the clamp halves are evenly tightened down.
2. The yoke arm can adjust from -90° to 90°. Before installing the mounting module, attach yoke arm (B) around the outside of the yoke clamp halves. Install a 1/2" bolt and washer (provided) in each side of the yoke arm. These two 1/2" bolts are used to pivot the yoke arm to your desired angle. Any of the nine 3/8" hole combinations between the yoke and clamp may be used to meet your application needs.
3. For wall mounting, securely install the wall bracket (A) with appropriate 1/2" bolts (not supplied) to meet your application requirements. Install a 1/2" bolt and washer (provided) in the center hole of the back end of the yoke arm into the wall bracket. Use this 1/2" bolt as a pivot to adjust the complete assembly to your desired angle. Install two more 1/2" bolts and washers (provided) into the pre-drilled holes in the wall bracket to secure the desired angle orientation.

4. For pole mounting and wall bracket (SWB6) applications, purchase slip fitter adapter catalog #SFA6. Remove wall bracket (A) and follow the instructions supplied with the SFA6. In Class I, Division 1 locations, slipfitter SFA6 is used for support only and not for a wireway.
5. Install a 30" length Crouse-Hinds flexible coupling cat.no. ECLK230 (3/4 NPT) or ECLK330 (1 NPT) to the fixture pendant mounting module for the necessary flexibility and the required wiring transition to rigid conduit.
6. Refer to IF978 to complete the installation and for:
 - Reflector installation
 - Lamp installation and replacement
 - Light fixture maintenance.



All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Crouse-Hinds "Terms and Conditions of Sale", and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.