AMV-K5 TRUNNION MOUNT KIT

Installation & Maintenance Information

APPLICATION

The AMV-K5 Trunnion (yoke) mount kit is designed to be used with the AMV Adjustable Lighting Fixture. It allows the AMV to be directly mounted to a wall or ceiling. The AMV-K5 used in conjunction with the SFA6 slipfitter adapter can be pole mounted.

The AMV-K5 used with the AMV Adjustable Lighting Fixture may be used to provide low wattage flood lighting in industrial facilities, such as petroleum refineries, chemical and petrochemical plants, pulp and paper mills, manufacturing plants and waste water treatment facilities.

INSTALLATION

WARNING
Electrical power must be OFF before and during installation and maintenance.

1. Remove the standard 3/4" pipe plugs supplied with the AMV from the thru-feed hubs in the mounting module.

2. Thread the two (2) 3/4" yoke couplings (supplied with kit) with 5/16" tapped holes into the thru-feed hubs.

3. Using the two (2) 5/16-18 hex head bolts and two (2) lock washers supplied with kit, securely fasten the trunnion (yoke) arm to the AMV fixture thru the holes tapped in the yoke couplings.

Ceiling or Wall Mount

1. Using two (2) 1/2" bolts, securely fasten trunnion arm to ceiling or wall where desired.

2. Tighten hex head bolts to hold mounting module in place. Torque 5/16-18 hex head bolts to 132 in. lbs.

3. Proceed to wiring section.

Pole Mounting

Option SFA6 provides a slipfitter for mounting the AMV trunnion on a two inch (2") pole. See IF1251 provided with the SFA6 for mounting instructions.

WIRING

WARNING
Electrical power must be OFF before and during installation and maintenance.

1. Install a minimum length of 3 ft. #16-3 type SO cord into the hub 90 degrees from either thru-feed hub on the side of the mounting module using a CGB294 cable connector (included with kit). Make electrical connections as necessary.

WARNING
Use fixture only on a grounded system. Make sure that supply voltage is the same as marked on fixture nameplate.

2. Feed the other end of 3 ft. #16-3 SO cord to power source leads and connect using methods that comply with the NEC or CEC and any applicable local codes. If connecting directly to conduit, use a conduit fitting in conjunction with a CGB294. If
using the optional SFA6 slipfitter adapter, feed the #16-3 SO
cord into slipfitter adapter using CGB294 cable connector
provided with SFA6. (see IF1251 provided with SFA6)

3. Proceed with step 3 of IF1274 provided with AMV Lighting
Fixture.

MAINTENANCE

WARNING
Always disconnect primary power source before opening
fixture for inspection or service.

Perform visual, electrical and mechanical inspections on a
regular basis. This should be determined by the environment
and frequency of use. However, it is recommended that checks
should be made at least once a year. We recommend an
Electrical Preventative Maintenance Program as described in
the National Fire Protection Association Bulletin NFPA No. 70B.
The globe and reflector should be cleaned periodically to insure
continued lighting performance. To clean, wipe the globe and
reflector with a clean, damp, soft cloth. If this is not sufficient,
use a mild soap or a liquid cleaner such as collinite NCF or
Duco #7. Do not use an abrasive, strong alkaline, or acid
cleaner. Damage to the globe or reflector may result.

• Relamp fixtures as soon as possible after the lamp burns out
to prevent damage to the ballast.

• Visually check for undue heating evidenced by discoloration of
wires or other components, damaged parts, or leakage
evidenced by water or corrosion in the interior.

• Electrically check to make sure that all connections are clean
and tight.

• Mechanically check that all parts are properly assembled.