INSTALLATION INSTRUCTIONS

READ THESE INSTRUCTIONS COMPLETELY & BECOME FAMILIAR WITH PARTS BEFORE PROCEEDING WITH INSTALLATION!

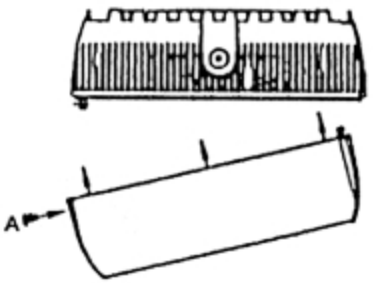
INSTALLATION MUST BE MADE BY A LICENSED ELECTRICIAN ONLY, IN ACCORDANCE AND COMPLIANCE WITH ALL LOCAL AND NATIONAL ELECTRICAL CODES!
POWER MUST BE OFF DURING INSTALLATION!

1. Remove lens assembly by releasing two self-retaining screw fasteners (A). Swing lens assembly away from housing 30° and lift off.
2. Remove reflector barrier screw(s), and lift out typical reflector/barrier.
3. Check voltage rating on balast and be sure that it matches system voltage. For multi-tap ballasts, select correct voltage lead as marked on wires and either remove or discard other leads. Be sure to insulate bare wire ends from each other and from housing. Tape unused leads together and tuck out of the way.
4. Make sure unused 3/4" conduit plugs (if supplied) are sealed watertight!

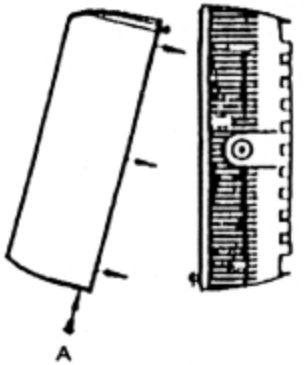
SURFACE MOUNT TO JUNCTION BOX OR WITH SURFACE CONDUIT

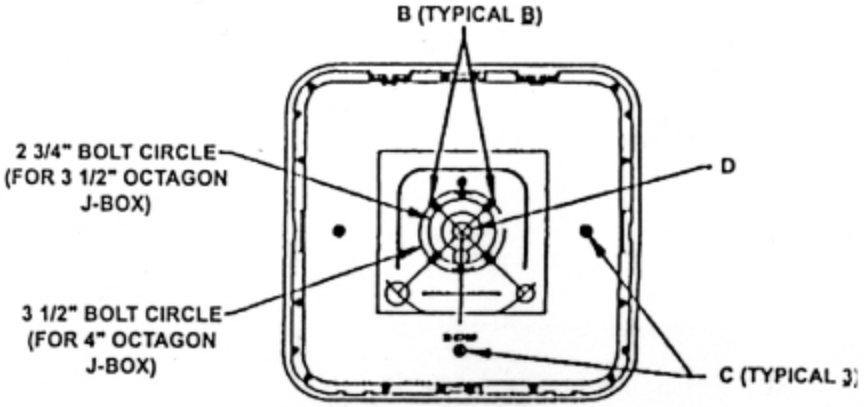
5. Remove protective backing paper from supplied square junction box gasket and apply gasket to housing - indentation on housing functions as a helpful guide for gasket.
6. If mounting to a junction box, drill out the junction box mounting holes (B) with a #17 drill bit to match either a 3.5 or 4" octagonal box. Using the #17 drill bit, both mounting applications require drilling out mounting holes (C). Drill out the center wire entry hole (D) with a 5/8" drill bit.
7. For both mountings, install auxiliary mounting anchors within wall or ceiling for #8 screws (by contractor) on pattern shown for (C) mounting holes. NOTE: Anchors must withstand a minimum of 50 lbs. pullout dead weight each.
8. If applicable pull common, line, and ground supply wire leads through back center wire hole (D).
9. If applicable, affix housing to mounted junction box. Always install anchor screws. Seal screw heads with silicone or equivalent for additional watertight protection.
10. If applicable, remove conduit closure plugs from desired conduit entrance location(s). Install standard 3/4" conduit fitting(s) being sure fitting(s) is watertight.
11. Pull common, line, and ground supply wires in conduit(s) if applicable.
12. Connect line lead from power to the lead marked with correct voltage from ballast, common from power to common from ballast and ground from power to ground (green) in housing, using approved crimp type insulated connectors. Recheck all electrical connections to insure that there are no loose connections.
13. For fixtures mounted on a junction box, push all connections back through wire hole and into junction box.
14. **WARNING:** Risk of electrical shock and high temperature in fixture! For fixtures using conduit entrance, use glass fiber sleeving provided on each incoming supply lead. Put sleeving on incoming supply wire 1/2 inch extending into conduit. Cut incoming supply leads 1/2 inch from sleeving, strip end, and connect to fixture wiring. Entire length of supply wires must be covered! Apply glass fiber sleeving furnished to each supply lead and the knot in leads to retain sleeving. Supply leads shall be held securely away from ballast so that sleeving cannot contact hot surfaces.
15. Install correct lamp as listed on data label within fixture. Only lamp listed may be used!
16. Turn on power to check installation. Stay clear of front of fixture in the event that lamp should shatter. Fixture will take 10 to 15 minutes to obtain full brightness.
17. Turn off power to install lens assembly. Inspect gasket on housing to insure that it is not damaged. Place lens latches in grooves of housing at an angle. Press down to compress gasketing and rotate lens into closed position. See illustration for assistance. Press lens down at the fastener end and tighten self-retaining lens screw fasteners (A).

CEILING MOUNT SHOWN



WALL MOUNT SHOWN





NOTE: FOR THRU-WIRING APPLICATIONS:
USE A MAXIMUM OF 8 #12 AWG BRANCH CIRCUIT CONDUCTORS SUITABLE FOR AT LEAST 110°C PERMITTED IN HOUSING (4 CONDUCTORS IN, 4 OUT)

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