

INSTALLATION INSTRUCTIONS

AK SERIES
DW SERIES
MAXI SERIES
MINI SERIES
MP SERIES

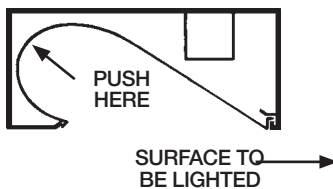
Ideal placement of the fixtures from the surface being lighted to the front edge is:
AK, MP and Mini Series – between 24" & 36"
DW Series – between 8" & 12"
Maxi Series – between 48" & 66"

FOR SUPPLY CONNECTIONS ENTERING THIS FIXTURE USE WIRE SUITABLE FOR AT LEAST 90° C

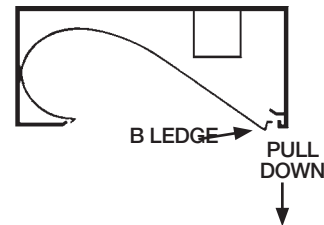
*** INSTALLATION TO BE DONE IN ACCORDANCE WITH *NEC* AND APPLICABLE CODES ***

ALUMINUM REFLECTOR CLEANING: Clean reflector with soap & water or alcohol, i.e. isopropyl alcohol or other neutral PH factor solvents. Cleaning material should be non-abrasive. **DO NOT** use ammonia & alkali solutions.

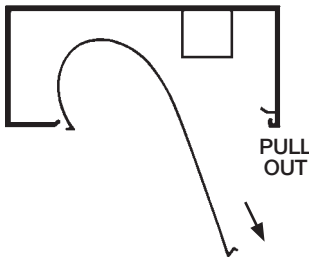
- 1.** To remove the reflector, push in towards housing on the lamp side with your hand.



- 2.** This will dislodge the opposite side of the reflector from the (B) ledge.



- 3.** Pull the reflector out.



- 4.** Now you have access to ballast/driver. You may also power the fixture directly through the cover plate.

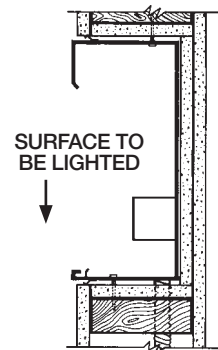


- 5. CUT HOLE:** Using the fixture housing as a template, lay the housing on the ceiling tile or drywall and mark the opening. Cut hole to ALLOW AN EXTRA 3/8" WIDE X 1" HIGH CLEARANCE to allow the trim to snap back on housing after installation.

FIXTURES MUST BE INSTALLED SO THAT THE BOTTOM EDGE OF THE HOUSING PROTRUDES 1/8" FROM THE FINISH SURFACE (OR FLUSH IF USING FULL LENS ON FIXTURE)

WALL INSTALLATIONS: (AK, MP and Mini Series)

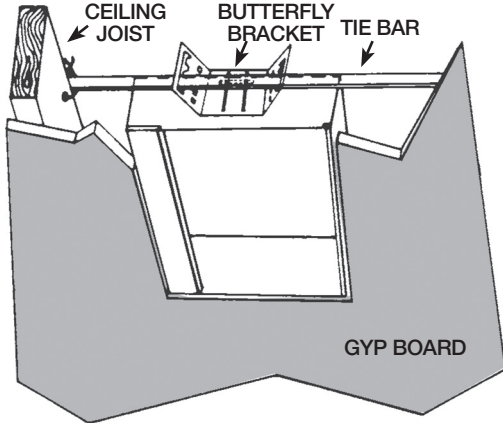
- 6.** Usually the butterfly brackets are not used for wall installations. You may frame fixtures and mount them directly to studs (shim to allow 3/8" clearance for trim). **For one hour fire rated wall, you must line the framed pocket with 5/8" gyp (VERIFY WITH YOUR LOCAL AUTHORITIES).**
- 7.** If you mount the fixtures directly to studs, **you will not be able to easily adjust the fixture placement. Make sure the fixture extends 1/8" out from the finish surface!** (Flush if using Full Lens on fixture.)



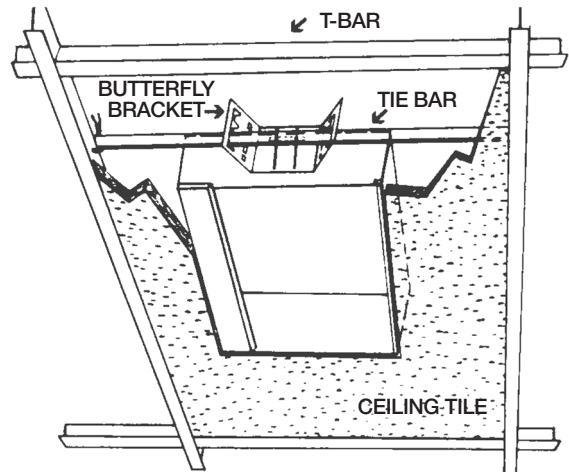
CEILING INSTALLATIONS:

- 6.** Insert tie bar channels (by others) through the butterfly brackets at each end of the fixture and **secure channels by wiring or otherwise to the ceiling structure.**

Secure channels to the ceiling joists in a **DRYWALL** installation.



Secure channels to the T-Bar in a **T-BAR** installation.

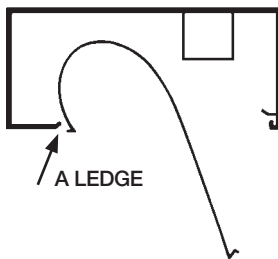


- 7.** To correct housing placement you may adjust the butterfly brackets by loosening two screws on the inside of the fixture. Note: if the fixture placement is wrong, you will A) not be able to snap on trim, or B) the fixture and trim will protrude from the ceiling. **BOTTOM EDGE OF HOUSING SHOULD PROTRUDE 1/8" FROM THE FINISH SURFACE. (Flush if using Full Lens on fixture.)**
- 8.** Make the electrical connections by attaching the conduit to the K.O.s (some models may have a J-box), and making wire connections. **Note: Most Series of fixtures have a reversing cover plate that will allow you to make connections from the side or back of the housing.**

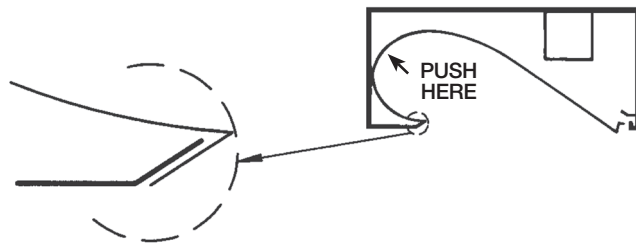
REPLACING THE REFLECTOR SHOULD BE THE LAST STEP AFTER ALL FINISH WORK IS DONE.

REMOVE THE PROTECTIVE PEEL AND REPLACE REFLECTOR.

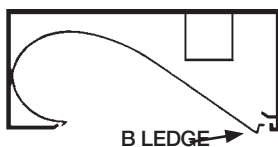
- 9.** Place lamp side of reflector on (A) ledge.



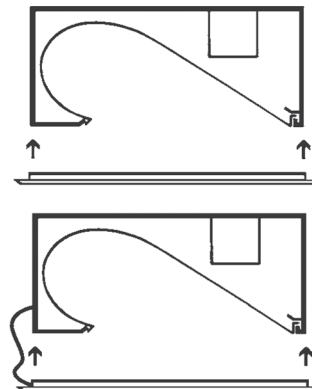
- 10.** Squeeze reflector back into housing.



- 11.** Push the reflector into (B) ledge.



- 12.** Snap on trim frame and lamp fixture.



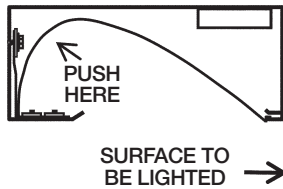
- 13.** Full Lens installations will have a safety cable attached to the housing. After finish work, **ATTACH SAFETY CABLE TO TRIM** with provided stud and nut before installing trim.

**FULL LENS TRIMS:
ATTACH PROVIDED
SAFETY CABLE**

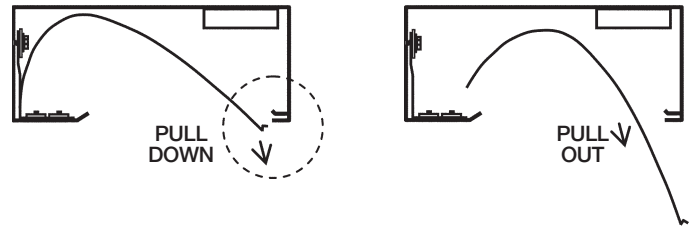
ALUMINUM REFLECTOR CLEANING: Clean reflector with soap and water or alcohol, i.e. isopropyl alcohol or other neutral PH factor solvents. Cleaning material should be non-abrasive. **DO NOT** use ammonia and alkali solutions.

REMOVE REFLECTOR & LED:

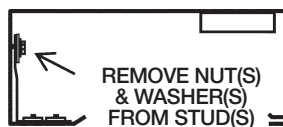
1. To remove the reflector, push in towards housing on the lamp side with your hand.



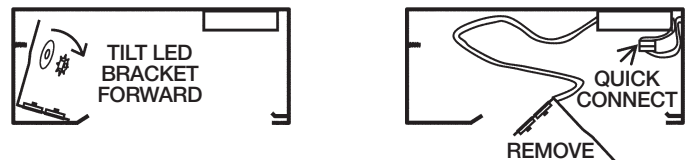
2. This will dislodge the opposite side of the reflector from the ledge. Then carefully pull the reflector out.



3. To remove LEDs – remove nut(s) & washer(s) securing the LED Bracket to the housing.



4. This will allow you to tilt the LED bracket forward and remove. To replace the driver a “quick connect” to disconnect power is provided.



REPLACE REFLECTOR & LED:

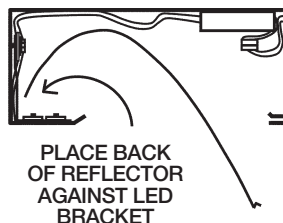
1. To replace the LEDs, wire the new LEDs to driver then tilt the LED bracket back into the housing.



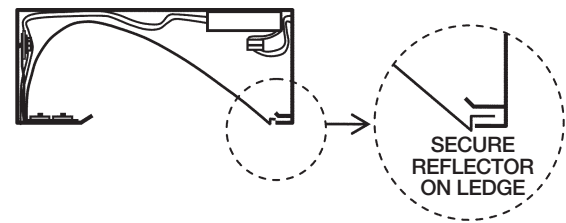
2. This will allow you to secure the LED bracket by securing the nut(s) & washer(s) to stud(s) in housing.



3. To replace the reflector, place the flat edge of the reflector at the back of the housing on the LED side.



4. Squeeze the reflector back into the housing by pushing on the LED side. Secure bent edge on housing ledge.



**ALL OTHER INSTALLATION INSTRUCTIONS APPLY. THIS SHEET SIMPLY CLARIFIES
LED RELAMPING AND REFLECTOR REPLACEMENT**