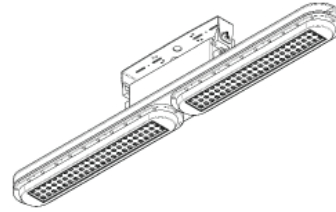




FHZL 040



FHZL 080/120

IMPORTANT

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

PacLights 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.

WARNINGS:

- **MIN 90°C SUPPLY CONDUCTOR. 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.**
- **Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.**
- **To prevent wiring damage or abrasion, do not expose wiring to edges of sharp objects.**

CAUTION:

- **For proper weatherproof function all gaskets must be seated properly and all screws inserted and tightened firmly. Apply weatherproof silicone sealant around the edge of the Back Box and/or Junction Box. This is especially important with an uneven wall surface. Silicone all plugs and unused conduit entries.**

FHZL THREADED PIPE MOUNTING & CONDUIT INSTALLATION

The FHZL Threaded Pipe Mount is installed from the top and the Conduit from the side of the fixture with the wiring. The FHZL Series Wiring requires the Driver Box Cover to be removed. Remove the 3/4" NPT Nut (side or top of fixture), the Screw Cap Covers and loosen the Screws (Fig. 1). Open the Driver Box Cover and the Lanyard will hold the Cover to prevent it from falling off. Pull the Wiring (Aluminum or Copper conductors) through one of the threaded holes and connect to the Terminal Block (Fig. 2 or 3). Re-install the Driver Box Cover, Pipe at the top or Conduit at the side (Both Not Included) in place of the 3/4" NPT Nut (Use silicone gel around the threads for water tight seal), Screws, and Screw Caps in the reverse order. For top installation, tighten the fixing Screw to the Pipe (Fig. 2).

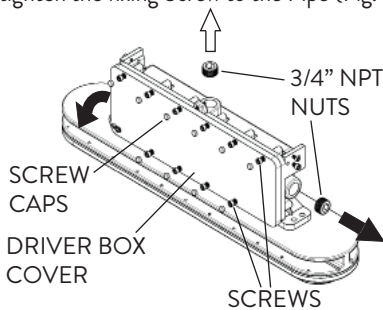


FIG. 1

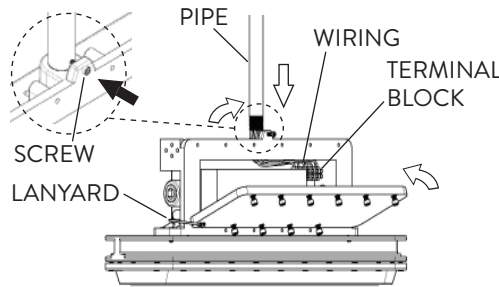


FIG. 2

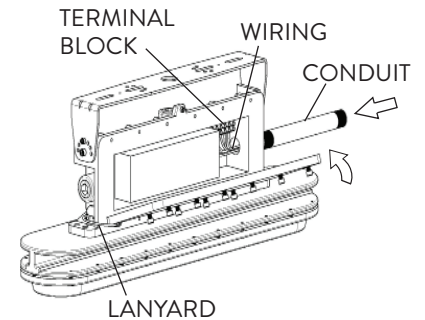


FIG. 3

WIRING DIAGRAM

Connect the ACL and the ACN from the FHZL Fixture to the conduit with the AC power Supply Cable. Follow the Wiring Diagram provided.

AC POWER SUPPLY



FHZL TRUNNION MOUNT (OPTIONAL)

1 The Optional FHZL Trunnion Mount is available for all FHZL fixtures (Fig. 4). The FHZL Trunnion Mount can be used to mount the FHZL fixture to a ceiling or a wall.

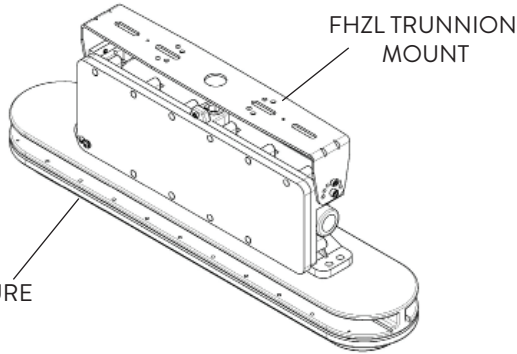


FIG. 4

2 FHZL Trunnion Mount dimensions (Fig. 5).

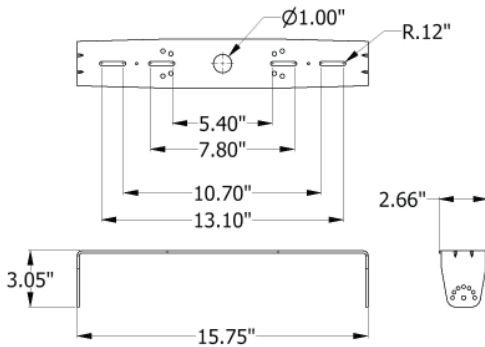


FIG. 5

3 Fasten the Trunnion Mount to the mounting surface (Wall or Ceiling) with the appropriate bolts (may vary depending on the mounting surface) by a certified personnel (Fig. 6). Refer to #2. for dimensions.

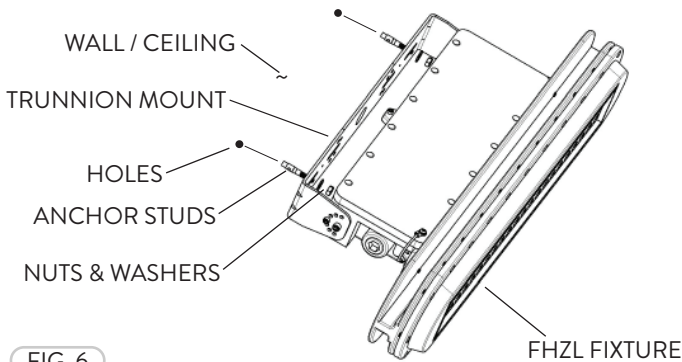


FIG. 6

4 Instead of having the fixture directly mounted at a fixed position the FHZL fixture can be adjusted by loosening the large Screws and removing the smaller Screws at the sides of the of the Trunnion Mount. This allows the fixture to rotate to the desired tilt angle (30-60-90 degrees) to aim at a specific position (Fig. 7).

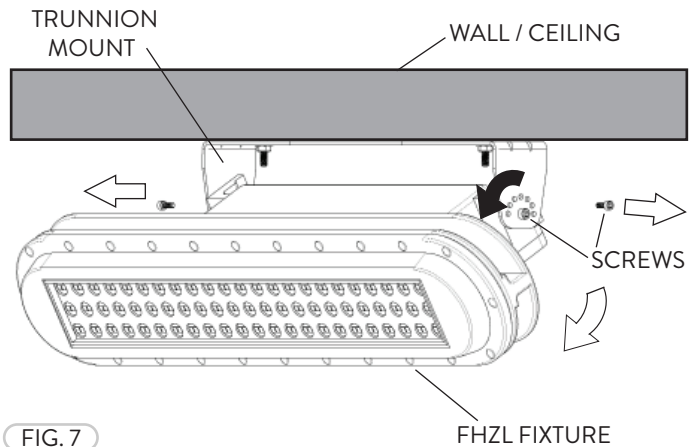


FIG. 7

5 Align the Trunnion Mount hole to the FHZL fixture hole. Re-insert and tighten the Screws (Fig. 8).

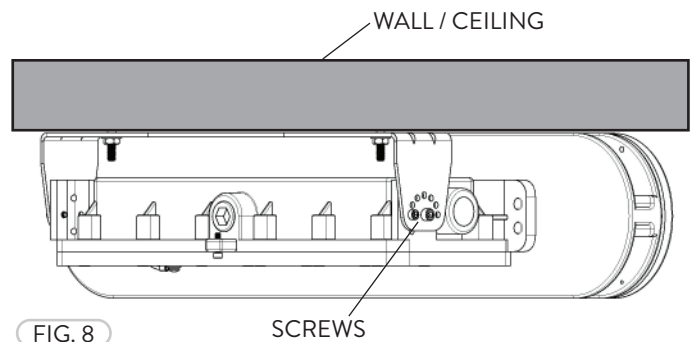


FIG. 8

FHZL SURFACE MOUNT (OPTIONAL)

- 1 The Optional Surface Mount can be used for all the FHZL fixtures (Fig. 9).

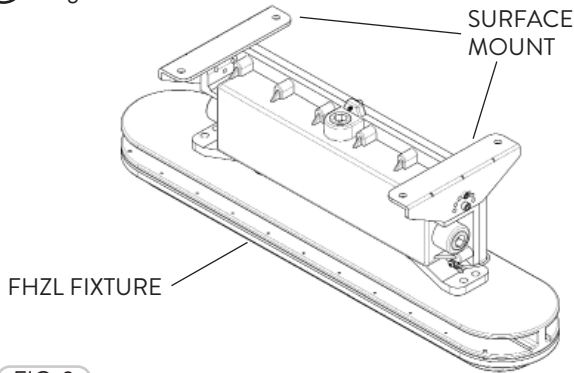


FIG. 9

- 2 FHZL Surface Mount dimensions (Fig. 10).

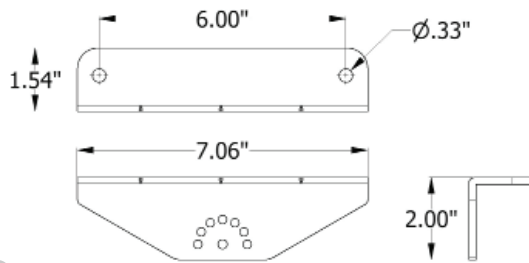


FIG. 10

- 3 Fasten the Surface Mount to the mounting surface (Wall or Ceiling) with the appropriate bolts (may vary depending on the mounting surface) by a certified personnel (Fig. 11). Refer to #2. for dimensions.

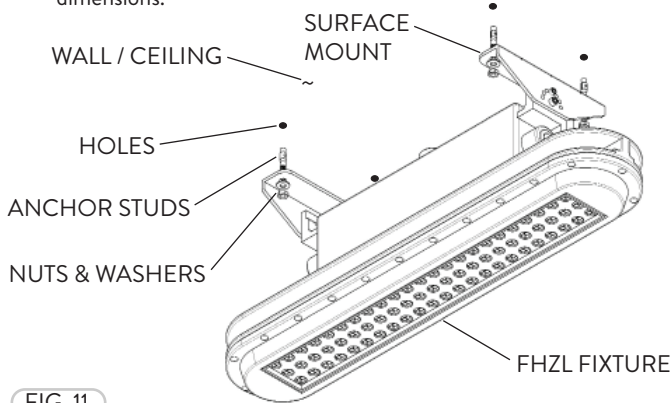


FIG. 11

- 4 Instead of having the fixture directly surface mounted at a fixed position the FHZL fixture can be adjusted by loosening the large Screws and removing the smaller Screws at the sides of the of the Surface Mount. This allows the fixture to rotate to the desired tilt angle to aim at a specific position (Fig. 12).

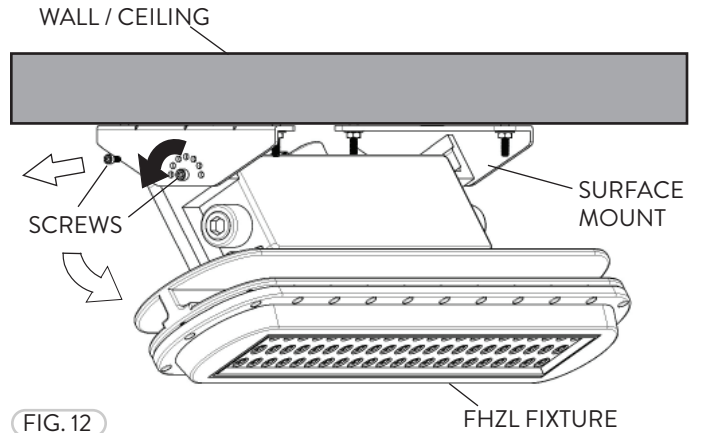


FIG. 12

- 5 Align the Surface Mount hole to the FHZL fixture hole. Re-insert and tighten the Screws (Fig 13).

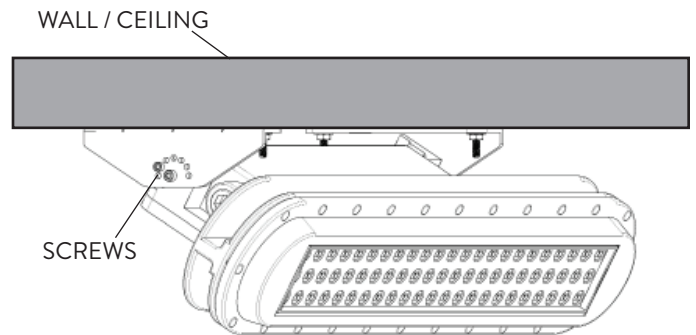


FIG. 13

FHZL POLE MOUNT (OPTIONAL)

- 1 The Optional Pole Mount can be used for all the FHZL fixtures that fit directly onto the Trunnion Mount (Fig. 14). Round Poles (Ø2.4" Max) will fit the U-Bolts provided. The arm length of the Pole needs to be more than the length of the fixture to clear the vertical portion of the Pole.

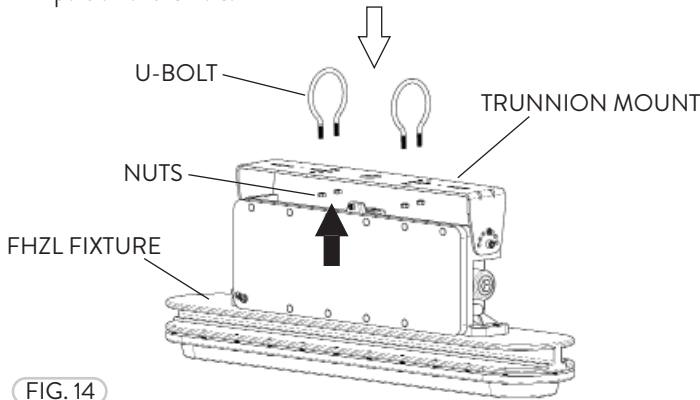


FIG. 14

- 2 Slide the FHZL fixture with the U-Bolts and Nuts partially fastened onto the Round Pole (Fig. 15).

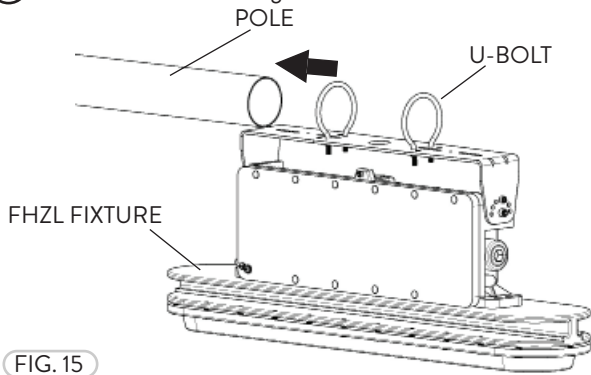


FIG. 15

- 3 Tighten the nuts to the U-Bolts and tighten the Wing Nut Screw from the bottom of the Trunnion Mount to secure the Pole (Fig. 16).

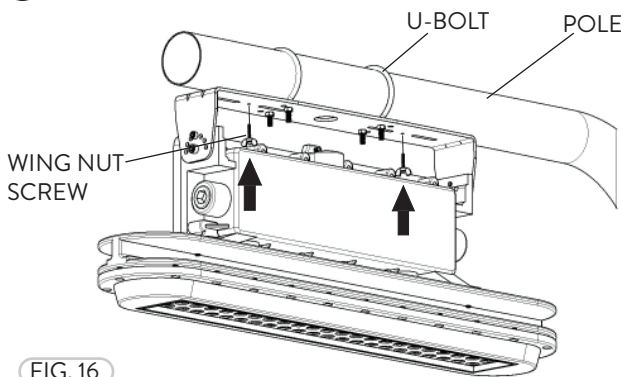


FIG. 16

FHZL CHAIN MOUNT (OPTIONAL)

- 1 The Optional Chain Mount can be used for all the FHZL fixtures. The Chain Mount includes the two Chains, Carabiners at each end, and Anchor Studs (Round Eye Nut Not Included) (Fig. 17).

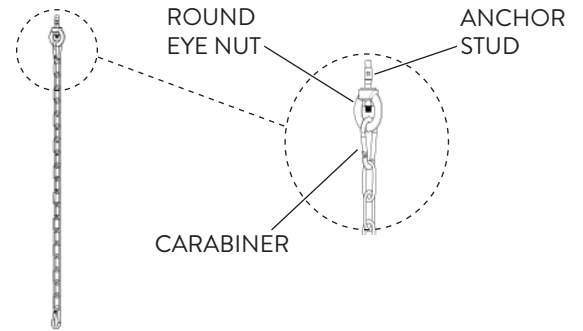


FIG. 17

- 2 After the Anchor Studs are secured into the ceiling and the Chains are hung from the Eye Nuts, at the other end of the Chain, the Carabiners can be attached to the sides of the FHZL fixture at the top holes (Fig. 18).

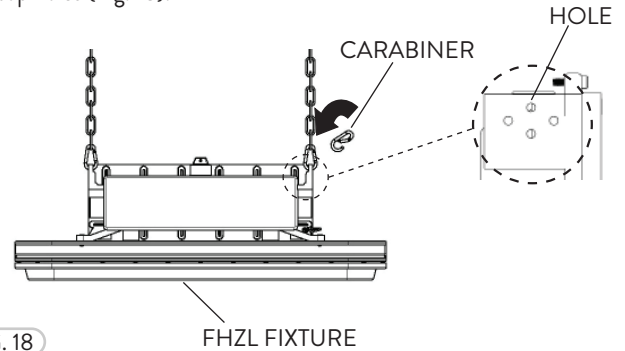
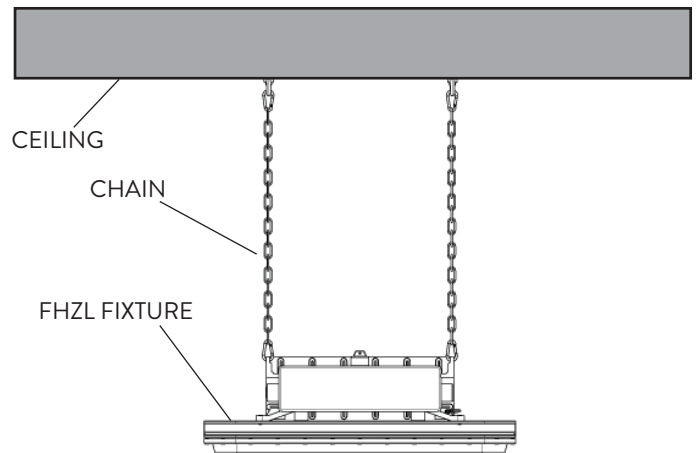


FIG. 18



FHZL WIRE GUARD (OPTIONAL)

- 1 The Optional Wire Guard can be placed on all of the FHZL fixtures (Fig. 19). The FHZL 040 requires one Wire Guard and the FHZL 080/120 requires two Wire Guards.

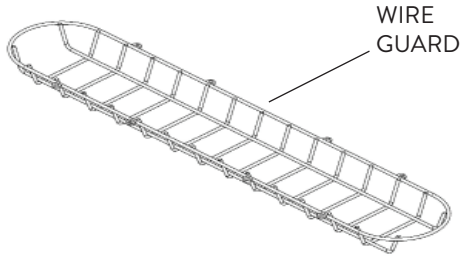


FIG. 19

- 2 The Wire Guard(s) should be placed on the fixture Cover prior to the FHZL fixture installation. Install the Screws to hold the Wire Guard(s) in place for each fixture Cover (Fig. 20).

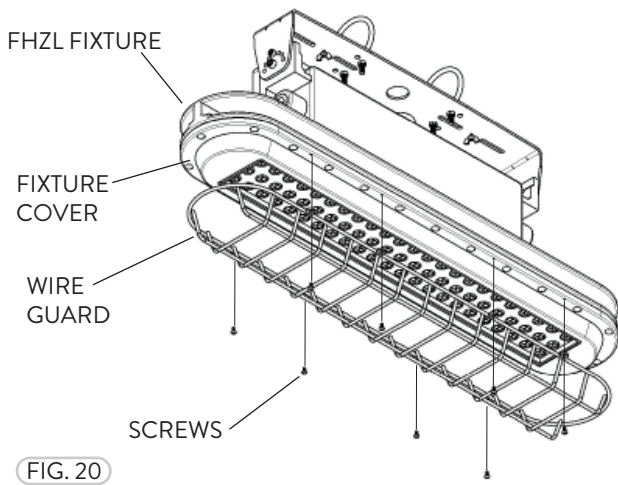
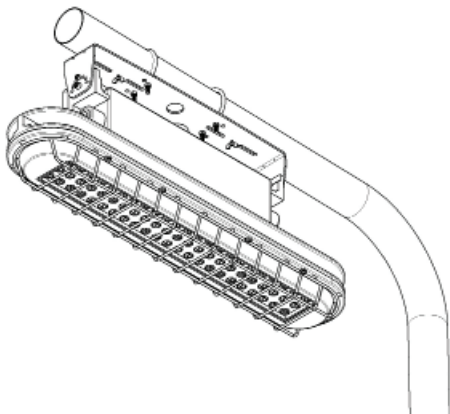


FIG. 20



FHZL SAFETY RETENTION CABLE

- 1 The FHZL Safety Retention Cable is necessary for the all FHZL fixtures (Fig. 21).

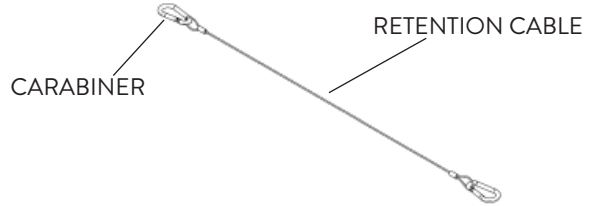


FIG. 21

- 2 Attach the Safety Retention Cable to the FHZL fixture as shown below (Fig. 22). There are holes located next to the Driver Box on either side of the fixture.

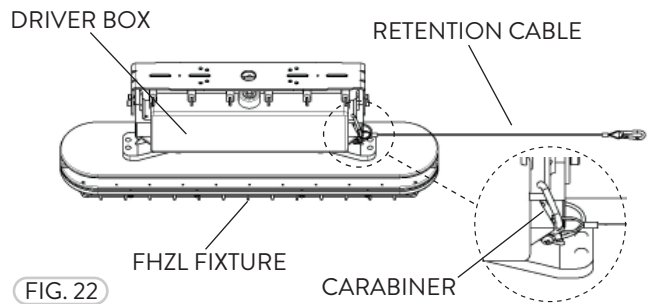


FIG. 22

- 3 Attach the other side of the Safety Retention Cable to the mounting structure, i.e. Beam (Fig. 23).

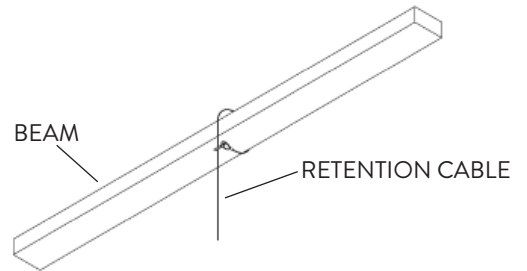


FIG. 23