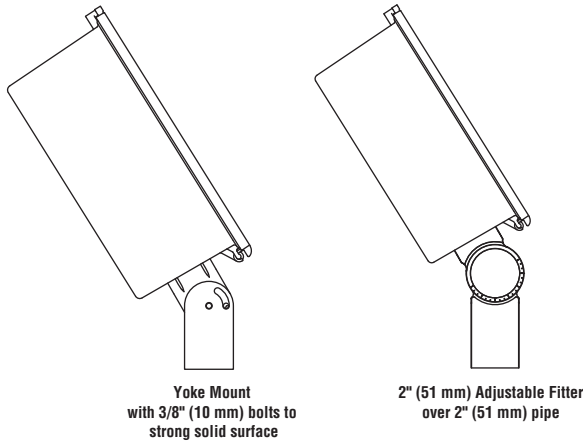


INSTALLATION INSTRUCTIONS ADJUSTABLE MOUNT HJ SERIES

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Figure 1



2" (51 mm) ADJUSTABLE FITTER MOUNTING

1. Remove splice compartment cover from lower fitter.
2. Assemble lower fitter onto upper fitter using 9/16" bolt provided, making sure not to pinch "O" ring between fitters.
3. Strain relief is required for electrical connections on 2" (51 mm) adjustable fitter mounts at heights of 25' (7.6 m) and above. Tie a knot in the supply wires **above** the hole in the lower fitter wiring compartment to reduce the strain on the connections. Make sure knot will not slip through hole.
4. Slip lower fitter over 2-3/8" (60 mm) o.d. heavy wall pipe or tenon and securely tighten two allen head set screws with 3/16" allen wrench to 18ft. lbs. (24 N•m). **See Figure 1.**
5. Make wire connections in splice compartment of adjustable fitter.
6. If photocell accessory is used, locate in cover of fitter splice compartment. See photocell installation sheet for details.
7. Adjust fixture to desired aiming angle. The fixture may be aimed at 2-1/2° increments. Markings are located on outside of fitter for ease of aiming. **See Figure 2** on reverse side.
8. Tighten 3/8" bolt in fitter splice compartment to approximately 19ft. lbs. (25 N•m).

CAUTIONS

1. To avoid the possibility of electrical shock, turn off power supply before installation or servicing.
2. In continuously operating Metal Halide systems (24 hours/day, 7 days/week) using Metal Halide lamps, turn lamps off once per week for at least 15 minutes. Failure to comply increases the risk of violent lamp failure.

NOTES:

1. This carton contains fixture, ballast, lamp and fitter assembly.
2. Strain relief is required for electrical connections on 2" (51 mm) adjustable fitter mounts at heights of 25' (7.6 m) and above. Tie a knot in the supply wires above the hole in the lower fitter wiring compartment to reduce the strain on the connections. Make sure knot will not slip through hole.
3. HID fixtures- require all wire connectors within the fixture must be rated for 150°C minimum.

SET BALLAST VOLTAGE-HID

HID fixtures are normally equipped with a multitap ballast and is factory set to the highest voltage. If another voltage is desired:

1. Use string on orange tag to pull wire tap bundle from under ballast cover.
2. Disconnect highest voltage lead from incoming hot lead and recap voltage lead with same wire connector.
3. Strip appropriate voltage lead and connect to incoming hot lead using supplied 150°C wire connector attached to wire tap bundle.
4. Remove orange tag from wire tap bundle and replace bundle under the ballast cover. **Note:** After replacing wire tap bundle under ballast cover, make sure that the ballast cover does not extend over the gasket on the housing to ensure that a proper seal is made.

YOKE MOUNTING

1. Mount fixture using three 3/8" (10 mm) bolts appropriate for mounting surface. **See Figure 3** on reverse side.
2. **To aim fixture:**
 - 2.1 Remove #10-24 positioning screw.
 - 2.2 Loosen both 5/16-18 hex head bolts on sides of yoke.
 - 2.3 Rotate yoke to desired angle. Line up inner and outer yoke positioning holes.
 - 2.4 Insert #10-24 screw into matching holes of inner and outer yokes, and tighten.
 - 2.5 Retighten 5/16-18 hex head bolts.

DOOR FRAME TIGHTENING

Opening door frame:

1. Loosen (2) hex/phillips screws.
2. Lens will remove from fixture by fully opening lens and sliding along hinge.

Closing door frame:

1. Hook frame on hinge and place door frame against gasket on housing.
2. Tighten (2) hex/phillips screws.

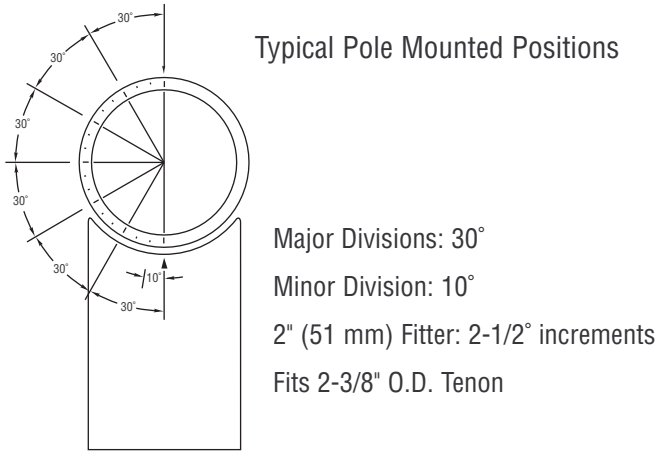
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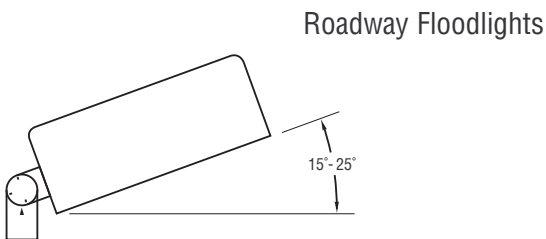
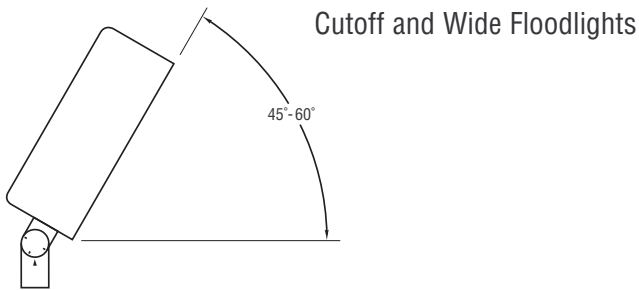


2" (51 mm) Adjustable Fitter Positions

Figure 2

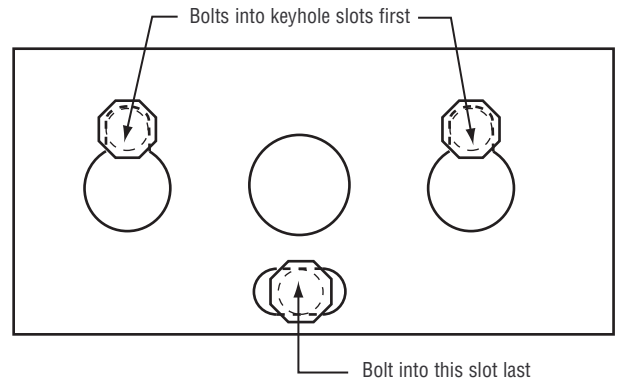


Typical Tilt Angles



Yoke Mount to Structure

Figure 3



Yoke Allows Tilt Angles in 5° Increments