

HIGH TECH SERIES INSTALLATION INSTRUCTIONS

Soho, Atrium, Harbor & CHT/IHT

!! IMPORTANT !!

*Fixtures must be installed according to the instructions provided to avoid field failure.
Make sure all power is disconnected prior to installation.
Wiring to be done according to Local and National Electric Codes by a qualified electri-*

CORD HUNG FIXTURES WITH CEILING CANOPY

(Fig. 1)

1. Cut the cord to desired hanging length, allowing additional 9 inches for wiring and strain relief (knot).
2. Slide cord through plastic bushing, star washer, and canopy.
3. Thread nipple into octagon box bracket then slide cord up through nipple/octagon box bracket assembly.
4. Tie a knot in the cord for strain relief leaving 6" for wiring.
5. Above the knot, remove cord jacket and strip 1/2 inch of wire insulation on each lead for preparation of wiring.
6. Attach nipple/octagon box bracket assembly (assembly is attached to fixture at this point) to the 4" octagonal box.
7. Make wiring connections: Black wire is hot, White wire is neutral, Green wire is ground.
8. Slide canopy and star washer up onto nipple. Screw plastic bushing onto the nipple holding canopy in place. Note: It may be necessary to adjust how much of the nipple protrudes through the canopy so the plastic bushing covers all the nipple threads.

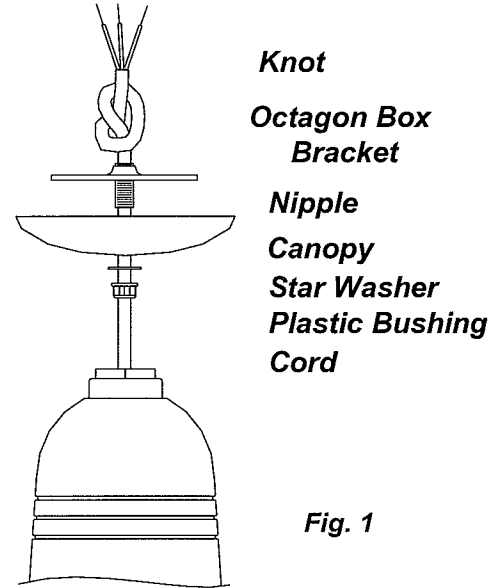


Fig. 1

STEM HUNG FIXTURES

(Fig. 2)

1. Slide stem down over fixture leads and screw stem tight into top of fixture. Note: it is necessary to use Teflon tape, pipe dope or equivalent on stem threads for outdoor/wet location environments to prevent water from entering fixture!
2. Screw stem and fixture up into ceiling junction box.
3. Make wiring connections: Black wire is hot, White wire is neutral, Green wire is ground.
4. Close up junction box as required.

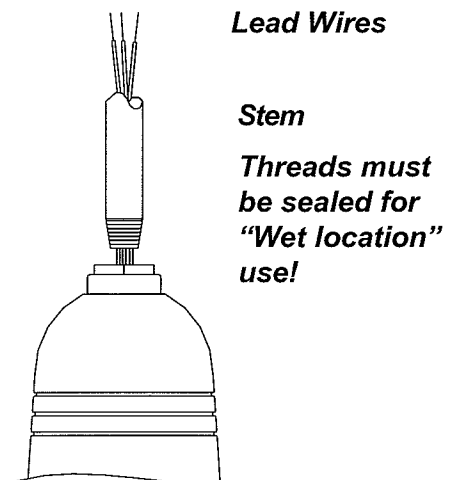


Fig. 2



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QUESTIONS?
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SWAG CORD(a) or COIL CORD(b) FIXTURES

(Fig. 3 & 4)

- 1a. For swag cord, slide "cable to cord o-ring" down the cable and cord. Slide plastic bushing, star washer and canopy down the cable and cord in preparation for hanging. *Note: It may be necessary to stretch the o-ring over the cable and cord using a small screwdriver. Be careful not to over stretch the o-ring or damage the cord.*
- 1b. For coil cord, slide plastic bushing, star washer and canopy down the cable and cord in preparation for hanging.
2. Thread nipple into octagon box bracket then slide cord and cable up through nipple/octagon box bracket assembly.
3. The position of the cable clamp on the cable determines the hang height of the fixture. Attach the cable clamp in the desired position. Cut off extra cable.
- 4a. For swag cord, adjust cord length and o-ring position to achieve desired swag. Tie a knot in the cord just above nipple/octagon box bracket.
- 4b. For coil cord, adjust cord length to achieve desired "coil look". Tie a knot in the cord just above nipple/octagon box bracket. *Note orientation of strain relief in fig. 3.*
5. Cut off excess cord leaving 6 inches above strain relief for wiring. Above the strain relief, remove the cord jacket and strip ~1/2 inch of wire insulation on each lead in preparation for wiring.
6. Attach nipple/octagon box bracket assembly (*assembly is attached to fixture at this point*) to the 4 inch octagon box.
7. Make wiring connections: **Black** wire is hot; **white** wire is neutral; **green** wire is ground.
8. Slide canopy and star washer up onto nipple. Screw plastic bushing onto the nipple holding canopy in place. *Note: It may be necessary to adjust how much of the nipple protrudes through the canopy so the plastic bushing covers all the nipple.*

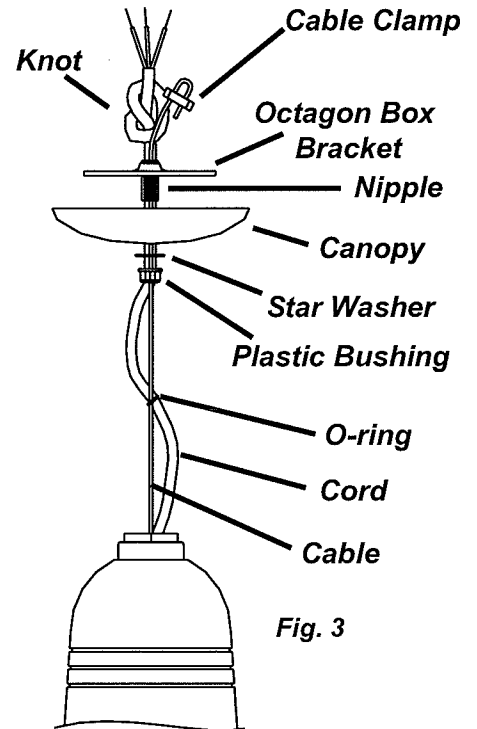


Fig. 3

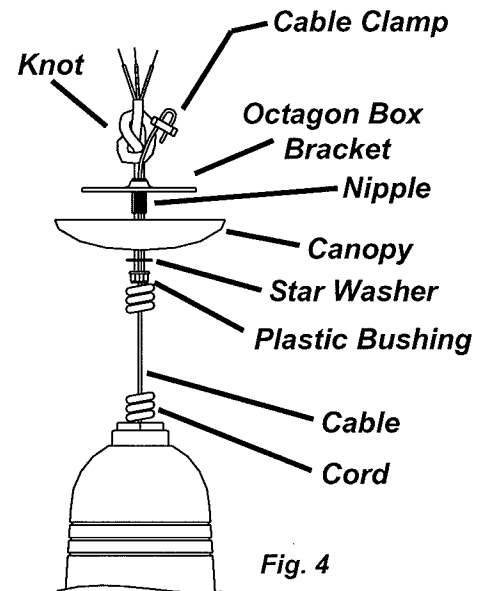


Fig. 4



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SURFACE MOUNT ATRIUM OR CHT FIXTURES

(Fig. 5A shows an Atrium fixture)

1. Fixture comes pre-assembled along with (2) #8 octagon box screws ready for hanging.
2. Remove bottom lens to access the screw heads. Start the (2) #8 screws up into the octagon box so the fixture hangs off of the ceiling allowing room for wiring.
3. Make wiring connections: **Black** wire is hot; **white** wire is neutral; **green** wire is ground.
4. Push wiring up into the octagon box and finish tightening (2) #8 screws so fixture is tight to the ceiling. *Note: Take care not to pinch the wiring!*
5. If required, re-attach bottom lens (see below for Atrium or Fig. 10 for CHT).

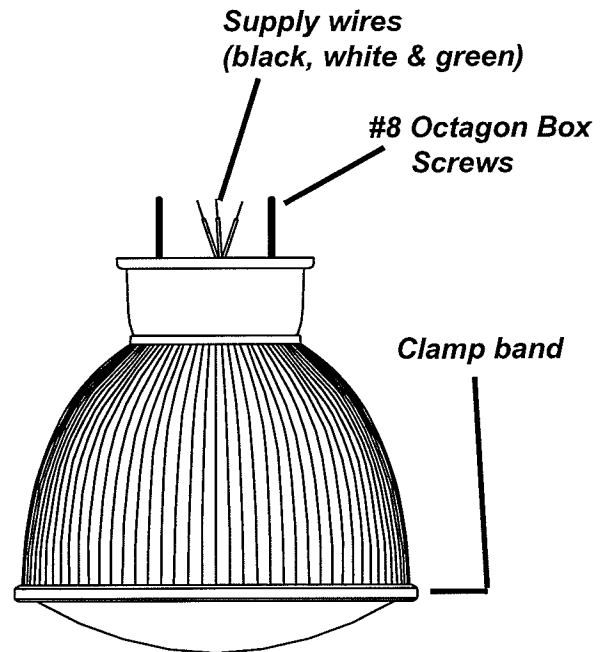


Fig. 5A

ATTACHING BOTTOM LENS ON ATRIUM FIXTURES ("A12CSL" & "A16CSL")

(Fig. 5A & 5B)

Fixture bottom lens is held on with a clamp band. When re-attaching lens for installation or re-lamping note the "UP" arrow direction stamped on the side of the clamp band. *Note: Bottom lens is attached "upside down" for shipping purposes. Refer to Fig. 5A & 5B, as an example, for proper orientation of bottom lens.*

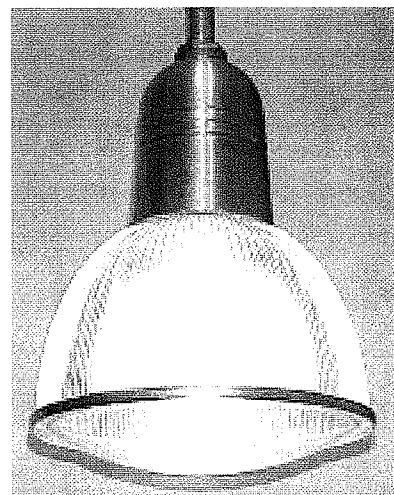


Fig. 5B



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ATTACHING GLOBES/WIREGUARDS ON HARBOR FIXTURES

(Fig. 6 & 7)

1. Globe threads into casting. Do not over-tighten globe.
2. If wireguard accessory is ordered, slide wireguard up onto the globe. It is held in place by friction.

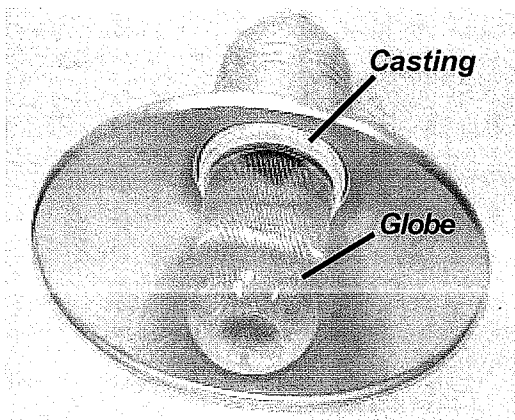


Fig. 6

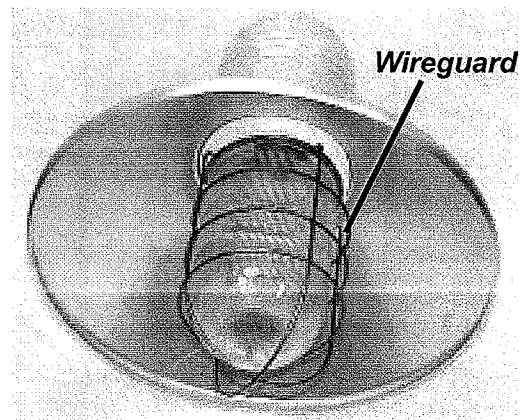


Fig. 7

ATTACHING BOTTOM LENS ON SOHO/CHT/IHT FIXTURES

(Fig. 8, 9 & 10)

1. Bottom lens swings on a hinge assembly and attaches to reflector by closing three clips.

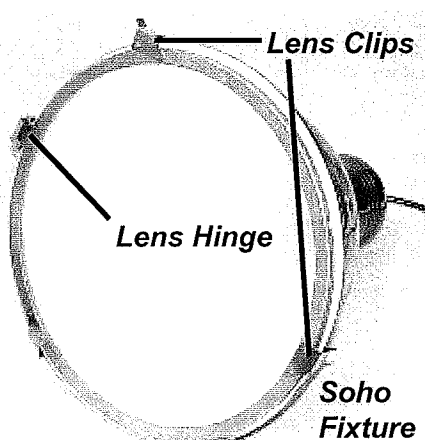


Fig. 8

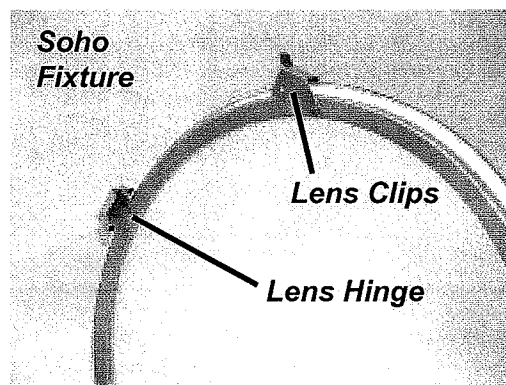


Fig. 9

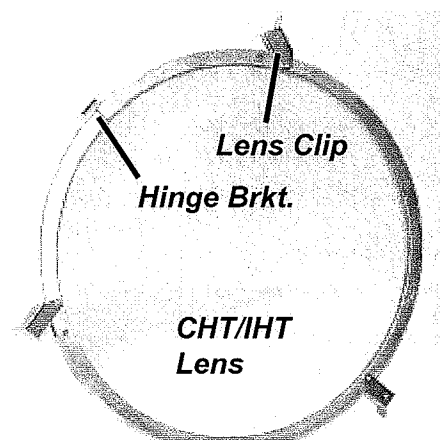


Fig. 10



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