

INSTALLATION SHEET

Safety, Warnings and Suggestions

- ¹ **Care** should be taken not to position fixtures in locations where bare skin can come into contact with the potentially high temperatures on the lens.
- ² **Make** sure that electrical power is disconnected before any work is performed.
- ³ **All** gaskets and sealing surfaces must be kept clean during installation.
- ⁴ **All** wiring and installation should meet local, state and national electrical codes.
- ⁵ **Install** correct lamp type and wattage.
- ⁶ **Never** install pendant bracket with access opening facing down slope. See Figure D.

LENS REMOVAL & INSTALLATION

The lens ring incorporates eight captive ¼-20 cap screws. Loosen all eight screws slightly. Loosen six screws completely leaving the last two 180° apart. Fully loosen one of the remaining screws while holding up the lens ring. Fully loosen the last screw and remove the lens ring and lens. To reinstall the lens ring and lens reverse the order above and tighten as shown in figure E.

REFLECTOR/LAMP ASSEMBLY REMOVAL & INSTALLATION

The reflector assembly incorporates four captive truss head screws. Loosen all four screws slightly. Fully loosen three screws. Fully loosen the last screw while holding up reflector assembly. Remove the reflector assembly and disconnect the wires. To reinstall the reflector assembly reverse the order above.



4" junction box and 5-3/4" bolt circle
Figure A



Hang straight bracket and pendant
Figure B



Canopy covering pendant assembly
Figure C

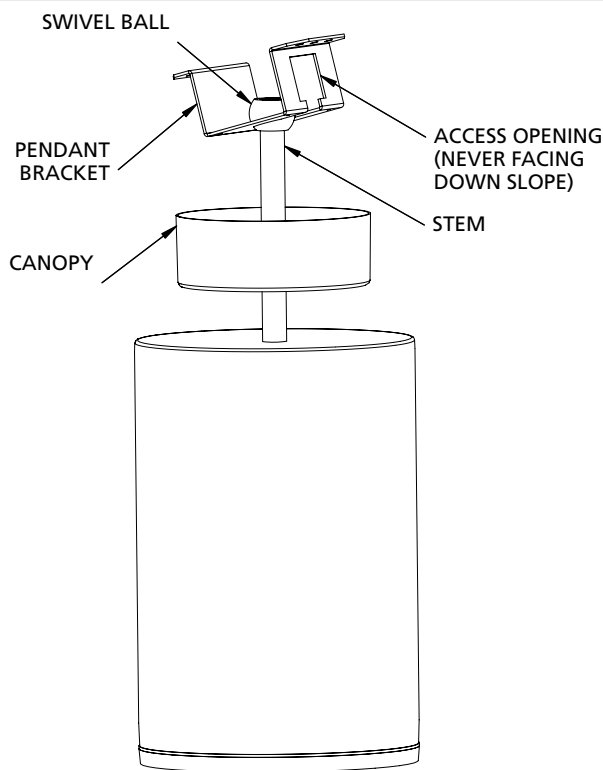


Figure D

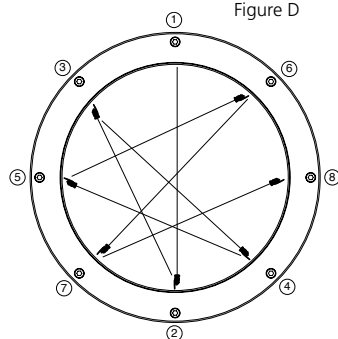


Figure E

Use several rotations of the following sequence to tighten the lens ring screws, to 40 in/lbs. max.

1. During construction of ceiling, install the 2x4 support studs as shown in Figure A on both sides of junction box.

2. After ceiling surface is in place, place template over junction box, mark the appropriate hole locations, and drill pilot holes for 3/8" lag bolts or hanger bolts. (supplied by others)

3. Place pendant bracket over junction box and install 3/8" lag bolts or hanger bolts. See Figure B. (supplied by others)
Note: Bolts must be long enough to securely fasten the pendant bracket to the 2x4 support studs. Warning: If mounting on a sloped ceiling the access opening of the pendant bracket must never be facing down slope (see figure D).

4. Route wires thru canopy and stem, and thread stem into fixture using Red Loctite.

5. Hang assembled stem and fixture on pendant bracket. Caution: Be careful not to pinch wires during hanging. Align groove on swivel ball with tab on pendant bracket.

6. Make wire connections and fasten canopy. See Figure C.

BALLAST TRAY ASSEMBLY REMOVAL & INSTALLATION

The ballast tray assembly incorporates three truss head screws and one captive thumbscrew. Loosen the three truss head screws one to two turns each. Fully loosen the thumbscrew and grasp the handle. Rotate and remove the ballast tray assembly. Disconnect the power and ground wires. Caution: Be careful not to pinch wires during removal. To reinstall the ballast tray assembly reverse the order above.

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- ⁴ **All** wiring and installation should meet local, state and national electrical codes.
- ⁵ **Install** correct lamp type and wattage.
- ⁶ **Fixture** must not be installed on a combustible surface.

LENS REMOVAL & INSTALLATION

The lens ring incorporates eight captive 1/4-20 cap screws. Loosen all eight screws slightly. Loosen six screws completely leaving the last two 180° apart. Fully loosen one of the remaining screws while holding up the lens ring. Fully loosen the last screw and remove the lens ring and lens. To reinstall the lens ring and lens reverse the order above and tighten as shown in figure B.

REFLECTOR/LAMP ASSEMBLY REMOVAL & INSTALLATION

The reflector incorporates four captive truss head screws. Loosen all four screws slightly. Fully loosen three screws. Fully loosen the last screw while holding up reflector assembly. Remove the reflector assembly and disconnect the wires. To reinstall the reflector assembly reverse the order above.



4" junction box and 8" bolt circle
Figure A

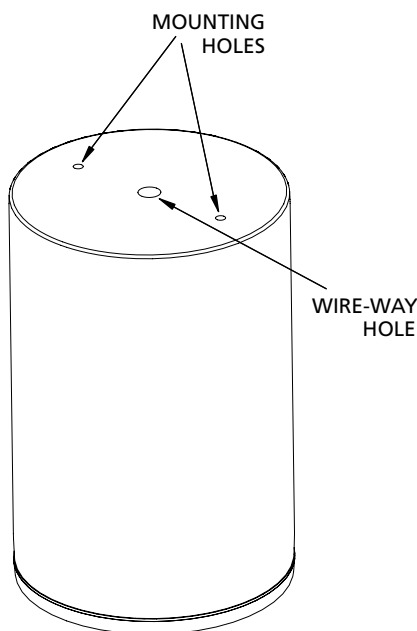


Figure C

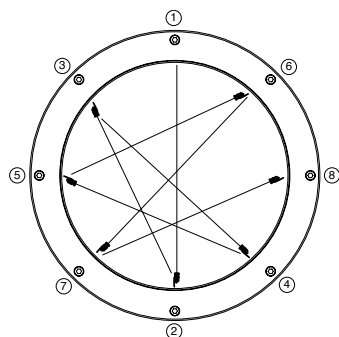


Figure B

Use several rotations of the following sequence to tighten the lens ring screws, to 40 in/lbs. max.

1. During construction of ceiling, install 2x4 support studs on both sides of junction box as shown in Figure A.

2. After ceiling surface is in place, place template over junction box, mark the appropriate hole locations, and drill pilot holes for 3/8" hanger bolts. (supplied by others)

3. Install 3/8" hanger bolts into pilot holes. (supplied by others) Note: Hanger bolts must be long enough to securely fasten the fixture to the 2x4 support studs and must protrude 1-1/2" below the finished ceiling surface.

4. Prepare fixture for mounting by removing lens, reflector/lamp assembly, and ballast tray assembly (see instructions above and below).

5. Install fixture onto hanger bolts while routing wires from junction box thru top of fixture. Fasten using flat washers, lock washers and hex nuts. (supplied by others)

6. Make wire connections inside housing. Reinstall ballast tray assembly, reflector/lamp assembly and lens assembly.

BALLAST TRAY ASSEMBLY REMOVAL & INSTALLATION

The ballast tray assembly incorporates three truss head screws and one captive thumbscrew. Loosen the three truss head screws one to two turns each. Fully loosen the thumbscrew and grasp the handle. Rotate and remove the ballast tray assembly. Disconnect the power and ground wires. Caution: Be careful not to pinch wires during removal. To reinstall the ballast tray assembly reverse the order above.

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LENS REMOVAL & INSTALLATION

The lens ring incorporates eight captive 1/4-20 cap screws. Loosen all eight screws slightly. Loosen six screws completely leaving the last two 180° apart. Fully loosen one of the remaining screws while holding up the lens ring. Fully loosen the last screw and remove the lens ring and lens. To reinstall the lens ring and lens reverse the order above and tighten as shown in figure E.



4" square j box and 8" bolt circle
Figure A



Surface dry wall or other treatment
Figure B



Cast cover and extruded arm
Figure C

ACCESS
PANEL

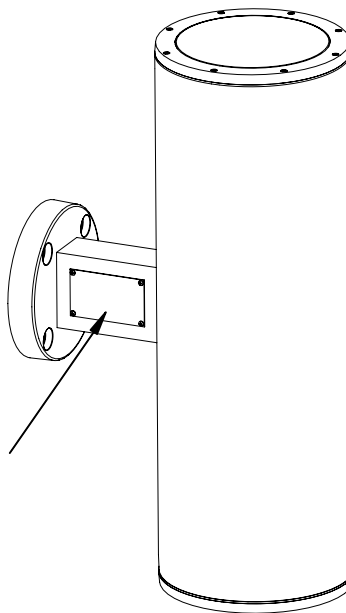


Figure D

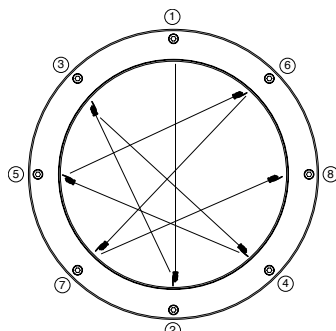


Figure E

Use several rotations of the following sequence to tighten the lens ring screws, to 40 in/lbs. max.

1. During construction of wall, install 2x4 support studs on both sides of junction box as shown in Figure A.
2. After wall surface is in place (see Figure B), place template over junction box, mark the appropriate hole locations, and drill pilot holes for 3/8" lag bolts or hanger bolts. (supplied by others)
3. Remove access panel from arm (see figure D) and allow wires from fixture to hang outside arm. Route wires from junction box into fixture and let hang outside arm.
4. Attach fixture to wall with 3/8" lag bolts or hanger bolts. (See Figure C) Note: Bolts must be long enough to securely fasten the fixture to the 2x4 support studs. (supplied by others)
5. Make wire connections and reinstall access panel.

BALLAST TRAY ASSEMBLY REMOVAL & INSTALLATION

The ballast tray assembly incorporates three truss head screws and one captive thumbscrew. Loosen the three truss head screws one to two turns each. Fully loosen the thumbscrew and grasp the handle. Rotate and remove the ballast tray assembly. Disconnect the power and ground wires. Caution: Be careful not to pinch wires during removal. To reinstall the ballast tray assembly reverse the order above.

REFLECTOR/LAMP ASSEMBLY REMOVAL & INSTALLATION

The reflector assembly incorporates four captive truss head screws. Loosen all four screws slightly. Fully loosen three screws. Fully loosen the last screw while holding up reflector assembly. Remove the reflector assembly and disconnect the wires. To reinstall the reflector assembly reverse the order above.