

INSTALLATION INSTRUCTIONS

IMPORTANT : READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN FOR FUTURE REFERENCE

IMI-734

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⚠ GENERAL

Upon receipt of the fixture, thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the housing to assure you have received the correct material.

⚠ SAFETY

This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances. Proper grounding is required to insure personal safety. Carefully observe grounding procedure under installation section.

⚠ WARNING

Risk Of Electrical Shock
If not qualified, consult an electrician.
Disconnect power at fuse or circuit breaker before installing or servicing.

IMPORTANT NOTES FOR WIRE CABLE SYSTEMS:

1. HVAC WARNING: DO NOT PLACE FIXTURES CLOSE TO HVAC VENTS WHERE THEY ARE EXPOSED TO AIR CURRENTS. OSCILLATION WILL EVENTUALLY CAUSE METAL FATIGUE LEADING TO CABLE FAILURE.
2. WIRE CABLE SYSTEMS ARE NOT RECOMMENDED FOR OUTDOOR USE. THEY SHOULD NOT BE EXPOSED TO WATER OR WIND, OR ALLOWED TO OSCILLATE.
3. AVOID CHEMICAL-LADEN ENVIRONMENTS SUCH AS INDOOR SWIMMING POOLS.

IMPORTANT NOTES FOR HANDLING WIRE CABLE:

1. Be careful to prevent cable from wrapping around any body part. Failure to do so can result in bodily injury.
2. Be careful to prevent cable from wrapping around any tool, ladder, or lifting device. Failure to do so can result in property damage or bodily injury.
3. DO NOT step on cable. Cable can be damaged if stepped on.
4. DO NOT kink cable. Cable will not return to original shape if it is bent and kinking may create weak point causing cable to break.
5. DO NOT use a frayed cable. If cable is frayed at any point between fixture and desired ceiling gripper location DO NOT use it. Frayed cable must be replaced.
6. Cable ends can become frayed in normal handling. If cable end becomes frayed, just cut off frayed section. Extra care must be used to insert cut cable into cable gripper. It is suggested to cut cable only if necessary and immediately before inserting into gripper.
7. After installation, leave at least 2" of excess cable extending beyond cable gripper. DO NOT cut top side of cable shorter than 2".
8. Cable grippers provided must be used to install Avid fixture. DO NOT use any other cable support for installation.
9. Cables must be straight and parallel to each other after installation. Failure to keep cables straight and parallel can result in cables being overloaded. Overloaded cables can fail and cause bodily injury. If cables are not parallel after installation, it could be due to improper ceiling bracket. Consult your Cooper Lighting sales agent for assistance.
10. When feeding cable into gripper, always allow it to pass a MINIMUM of 1" beyond the body of the gripper. When cutting off excess cable, always allow a MINIMUM of 1" of cable showing.
11. **DO NOT** feed excess cable into a fixture housing or junction box containing electrical wiring.
10. Cable suspension system provided is not recommended for outdoor use. It should not be exposed to water or wind, or be allowed to oscillate continuously. Avoid putting fixture in chemical laden environments such as indoor swimming pools.

These instructions do not claim to cover all details or variations in the equipment, procedure, or process described, nor to provide directions for meeting every possible contingency during installation, operation or maintenance. When additional information is desired to satisfy a problem not covered sufficiently for user's purpose, please contact your nearest representative.

NOTE: Specifications and dimensions subject to change without notice.

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INSTALLATION INSTRUCTIONS:

1. Thread electrical cord attached to the fixture through the junction box cover assembly in the manner shown. Replace bushing in nipple if dislodged during cord insertion. **FIG. 1**
2. Tie a knot in the electrical cord setting the desired fixture height relative to the junction box. Make sure bushing is in place between knot and nipple.
3. Test the height setting before cutting and stripping the electrical cord.
4. Cut and strip the electrical cord above the knot.
5. Loosen and remove nut from nipple to allow mounting plate and spun cover to slide down electrical cord exposing the crossbar. **FIG. 2**
6. Attach crossbar with nipple attached to junction box with appropriate screws (supplied by others).
7. Make supply connections with wirenuts (supplied by others) grounding crossbar in the process. Push connections into junction box. Make sure bushing isolates knot from nipple.
8. Slide spun cover & mounting plate up electrical cord on to nipple against ceiling and secure with nut orienting cable grippers for cable alignment.
9. Bring free end of wire cable near cable gripper.
10. Push cable end into cable gripper, out through the top, and turn out as arrow indicates before spun cover. **FIG. 3**
11. Repeat items 9 & 10 with remaining free cable.
12. Pull remainder of cables through the cable grippers to the appropriate height where fixture support rests on the cables not cord.
13. Excess cable above cable gripper can be cut once it is confirmed that the fixture will not be adjusted any lower than current setting.

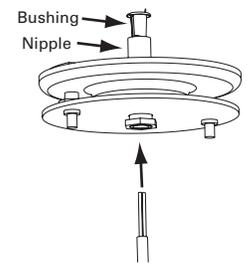


FIG. 1

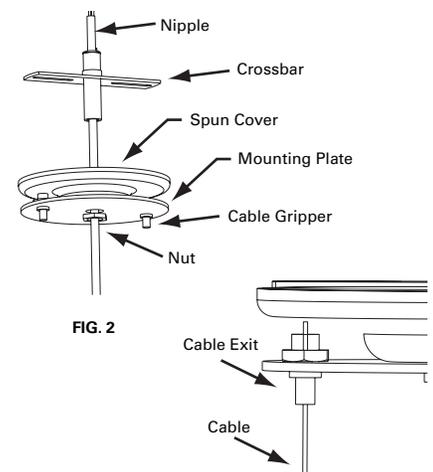


FIG. 2

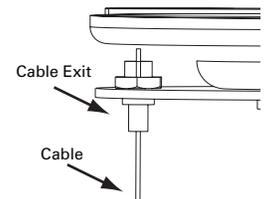


FIG. 3

TO INSURE PROPER GROUNDING AND POLARITY:

- Connect fixture ground wire (green) to the supply ground wire or j-box ground.
- Connect the fixture neutral wire (white) to the supply neutral wire.
- Connect the fixture line wire (black) to the supply line wire.

NOTE: If you are unsure which wires are ground, neutral, or line, consult an electrician.

RELAMPING:

1. Only use lamp in combination with a suitable type of ballast/system as marked on relamp label.
2. Before changing the lamp, switch off all power supply and let the old lamp cool down.
3. When disposing of the old lamp, local regulations should be observed.
4. When inserting a new lamp, ensure that the lamp connects properly with the electrical contacts of the lamp holder.
5. For safety's sake, remove the lamp immediately if the outer bulb is broken.
6. Because of the possibility of a burning lamp breaking, this lamp may only be used in completely closed luminaires, even during testing.
7. At high lighting levels or when illuminating light-sensitive materials, the use of an extra UV filter is recommended.
8. Scratches or damage to the lamp glass should be avoided.
9. The lamp should be protected against contact with cold objects or water during burning.
10. If the lamp has difficulty restarting after a short break in the current supply, switch the installation off for 10 to 15 minutes. The lamp will then restart without any difficulty.
11. In order to prevent damage to the ballast, the lamp should be replaced as quickly as possible at the end of its lifetime (marked change in color, flickering, failure to start).
12. For optimum lamp performance, the main voltage may only deviate +/- 3% from the voltage indicated on the type plate.
13. When disposing of lamps at end of life, care should be taken that the outer bulb does not break since oxidation of metallic components within the lamp could result in generation of sparks.
14. It is recommended that the lamps be stored in cool, dry conditions in order to prevent the oxidation of the pins.

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15. The manufacturer accepts no liability for injury or damage from incorrect use of the lamp or from lamp use with inappropriate equipment.
16. Loosen the four (4) thumbscrews while carefully holding the door assembly as it is not tethered. **FIG. 4**
17. Making sure to leave no residue on lamp, insert a new lamp of type marked on relamp label ensuring proper connection with lamp holder contacts.
18. Reassemble door assembly to fixture with full engagement of four (4) thumbscrews with bottom ring.

REFLECTOR & LENS CLEANING:

1. Loosen the four (4) thumbscrews while carefully holding the door assembly as it is not tethered. **FIG. 4**
2. Dust fixture with soft, clean dry cloth.
3. Do not use alkaline or acidic cleaners on reflector surfaces.
4. Clean lens with non-abrasive glass cleaning solution.
5. Reassemble door assembly to fixture with full engagement of four (4) thumbscrews with bottom ring.

NOTE: A regular maintenance schedule should be followed to retain optimal light output and reduce heat retention.

BALLAST ACCESS:

1. Before working with fixture, switch off all power supply to fixture.
2. Remove screws holding top to rods.
3. Lift top to expose ballast.
4. **DO NOT DISTURB OR ALTER INCOMING GROUND OR INCOMING STRAIN RELIEF WIRE TIE.**
5. Ballast replacement is started by removing the two screws holding ballast to tray.
6. Break ballast connections to incoming and lamp leads.
7. Replace ballast with equivalent unit.
8. Reconstruct ballast connections with equivalent connectors.
9. Reattach two screws holding ballast to tray.
10. Slip ballast module into extrusion carefully routing lamp leads.
11. Reattach screws holding top to rods.

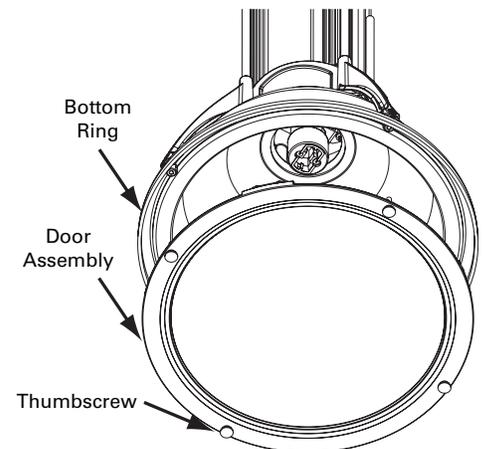


FIG. 4

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PORTFOLIO®

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Avid Series (Small) Integral Cable Suspension

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