

Installation Instructions

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

(Failure to follow the warnings and instructions on this sheet could result in fire, injury, failure of product, and/or voiding of warranty.)

1. Do not touch a luminaire while lamp is on. Turn off/unplug and allow to cool before replacing lamp.
2. Lamps get HOT quickly! Contact only switch/plug when turning on.
3. Do not touch a hot lens, faceplate, cover, or body.
4. Keep lamp away from materials that may burn.
5. Do not touch lamp at any time. Use a soft cloth. Oil from your skin may damage lamp.
6. Do not operate with damaged or missing parts.
7. Do not disassemble beyond cover removal to facilitate installation or maintenance.
8. Remove any dirt or debris accumulated on cover periodically.
9. Do not install within 10 feet of a pool, spa, or fountain.
10. Have installed in accordance with all applicable installation codes and standards by a person familiar with the construction, operation, and hazards involved.
11. Use only cable properly rated for the application. Cable buried more than 6" must be suitable for direct burial. Direct burial cable may be ordered from Vision3 Lighting.

Un-assemble & Inspect:

1. Unpack the MO13 Surface Mount Powered Canopy from its shipping container.
2. Check to make sure that there are no damaged or missing components.
3. Loosen the four Captive Cover Screws using a 5/32" hex tool.
4. Remove the Canopy Cover from the Canopy Base.

Install Canopy Base

1. Mount the Canopy Base directly to the wall using the appropriate fasteners for the wall material. Note: Canopy Base mounting fasteners are not supplied. Whatever method of mount used, it must be strong enough to hold the weight of the MO13 Surface Mount Powered Canopy and the fixture(s) mounted to it. When installing the Canopy Base, be careful to not tear or pinch the base gasket, and make sure that the gasket is completely flat and covers the sealing surface. **Caution** - if the wall material is too rough, the gasket may not seal properly.
2. Run appropriate power supply cable (not supplied) to the Canopy Base and through the conduit entry holes on the base. Note: The conduit entry holes are threaded to accept conduit entries or water tight connectors, if needed.

Install Light Fixture to Cover

Note: If product came from the factory with a light fixture already attached to the Canopy Cover, skip to Make Electrical Connections.

1. Mount the Light Fixture(s) to the Canopy Cover by fully inserting or threading the knuckle into the mount hole(s), as shown. Note: An O-ring must be used on the knuckle to prevent leaking (all Vision3 flood fixtures come with an O-ring for this purpose). Make sure that the O-ring is being used and is not cut or kinked before bottoming the fixture knuckle in to the mount hole.
2. Lock the fixture knuckle to the Canopy Cover by using a Locknut, as shown. (The MO13 is not supplied with a Locknut, but each Vision3 flood fixture is supplied with one for this use.)

Make Electrical Connections

For No Transformer/Driver option:

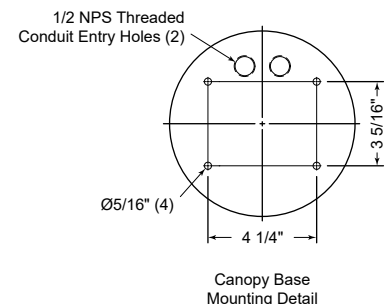
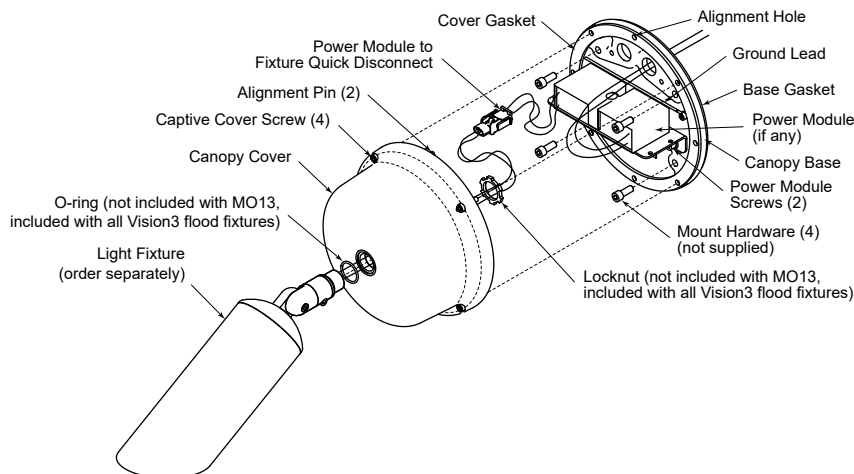
Note: Check that the Light Fixture is correctly rated for power being supplied.

1. Strip and clean the leads from the the Light Fixture and the supply wires.
2. Using the appropriate sized wire nuts (not supplied), connect the leads from the Light Fixture(s) to the supply wires, including ground, if applicable.

For Transformer or Driver options:

Note: Check that voltage being supplied from the supply wire matches requirements on Power Module label. Also check that the voltage and/or amperage from the Power Module matches requirements on the Light Fixture label.

1. (Driver Power Module only): Connect the Power Module purple and gray 0-10V Dimming Leads to the dimming control wires using appropriate connectors (not supplied) per applicable codes. The 0-10V(-) control wire (typically gray or pink) should attach to the pink Power Module dimming lead. The 0-10V(+) control wire (typically purple) should attach to the Power Module purple dimming lead. If 0-10V dimming is not being used, each of the Power Module's 0-10V Dimming Leads should be cut and capped separately (connectors not supplied). Note: capping the dimming leads together or allowing them to touch ground may prevent the LED from operating normally. Make sure they are capped separately if not being used.
2. Connect the Power Module's Power Input Leads to the power supply wires (black, white, green to hot, neutral, ground, respectively) using appropriate connectors (not supplied) per applicable codes.
3. Connect the Light Fixture to the Power Module by connecting the Power Module to Fixture Quick Disconnect.



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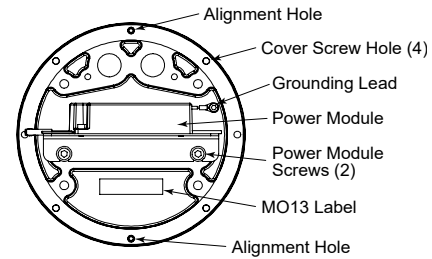
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Mounting the Canopy Cover

1. Mount the Canopy Cover to the Canopy Base by aligning the Alignment Pins with the Alignment Holes and tightening the four Captive Cover screws using a 5/32" hex tool. Notes: as you are mounting the Canopy Cover to the Canopy Base, be careful to not pinch the wiring or tear the gasket. Make sure that the gasket is completely flat and covers the sealing surface.
2. Adjust the aiming of the Light Fixture(s) mounted to the MO13 Surface Mount Powered Canopy per the manufacturers instructions.
3. Double check all connections and component ratings before powering on the system.



Canopy Base with Power Module
(Shown with Single Driver Power Module)

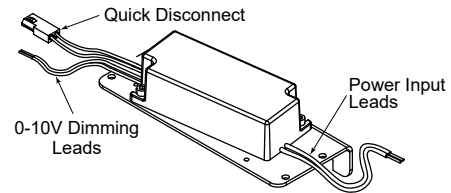
Power Module Replacement:

Note: Power Module illustration may look different than the one you received.

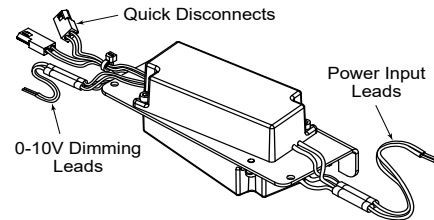
1. Remove power from fixture and let cool before touching. **Caution!**

Luminaire(s) may still be hot!

2. Loosen the four Captive Cover Screws using a 5/32" hex tool. – **do not remove screws!**
3. Remove the Canopy Cover and disconnect the Power Module to Fixture Quick Disconnect.
4. Disconnect the Power Module Power Input Leads and 0-10V Dimming Leads (if any).
5. Loosen the Power Module Screws (2) using a 3/16" hex tool – **do not remove screws!**
6. Remove old Power Module by lifting off of Power Module Screws.
7. Install the new Power Module and tighten the Power Module Screws.
8. Make appropriate wire connections as explained in Make Electrical Connections above.
9. Reinstall the the Canopy Cover as explained in Mounting the Canopy Cover.



Single Driver Power Module
w/ 0-10V Dimming



Dual Driver Power Module
w/ 0-10V Dimming