

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.

Installation Notes & Warnings:

- These installation instructions do not apply to the LED Driver version of the MO12 Surface Mount Powered Canopy. Please see the 'MO12 (LED Driver) Installation Instructions' for instructions specific to the installation of LED Driver versions of the MO12.
- This fixture is intended to be mounted to a 4" round / octagonal junction box or directly to the wall, using the appropriate fasteners (junction boxes and Canopy Base mounting fasteners are not supplied). Whatever method of mount used, it must be strong enough to hold the weight of the MO12 Surface Mount Powered Canopy and the fixture mounted to it. Adjustable mounting rings should not be used, as they can easily bend under the weight.
- This fixture is intended for wall or ceiling mount and should not be ground mounted, or mounted in such a way that it is buried or in direct contact with the ground or soil.
- This fixture is intended to be mounted to a wall or ceiling that prevents water from contacting the back of the base and should not be mounted in such a way that will allow water to enter from the back.
- Some configurations of this mount, or the fixtures attached to it, come with a safety cable. This cable must be used and attached as described. **Failure to do so could result in personal injury or death!**
- All ratings are subject to change without notice. See website or contact V3 for most current info.

Installation:

Unpack

1. Unpack the MO12 Surface Mount Powered Canopy, and any associated or attached Light Fixture, from the shipping container(s).
2. Check through all packaging material to make sure there aren't any items hidden in it before discarding.

Inspect

1. Loosen the four Captive Cover Screws using a 5/32" hex tool.
2. Remove the Canopy Cover from the Canopy Base.
3. Inspect all parts for shipping damage, such as: chipped / scratched powder coat, broken lenses, broken lamps, cut or nicked leads, damaged seals / gaskets, etc. If any damage is found, do not install fixture. Contact Vision3 lighting so that damaged items can be repaired or replaced.
4. Double check the fixture with the packing list and sales order to ensure that all options and accessories are accounted for. Contact Vision3 lighting immediately if any discrepancies are found.
5. Cover and store all parts in a clean, dry, and safe place until it is time for installation. Note: Plastic bags are handy for keeping parts organized and clean during storage.

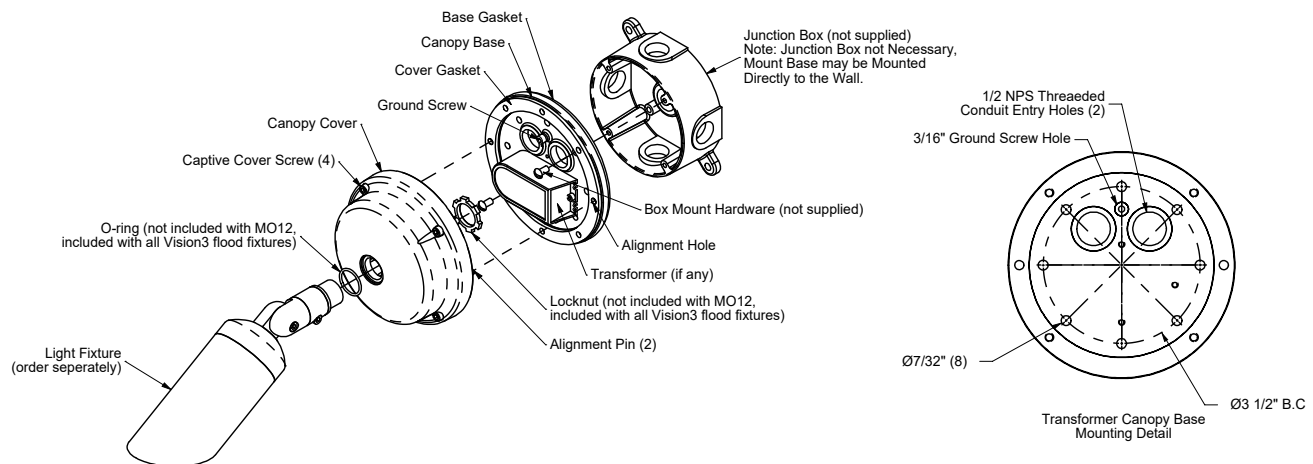
Install Light Fixture to Canopy Cover

Note: If MO12 Surface Mount Powered Canopy came from the factory with the Light Fixture pre-mounted to Canopy Cover, skip this section and proceed to next section, 'Install & Wire Canopy Base'.

1. Mount the Light Fixture by fully inserting or threading the knuckle into the mount hole on the Canopy Cover, 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 MO12 is not supplied with a Locknut, but each Vision3 flood fixture is supplied with one for this use). Note: A liquid thread locker should be used on all knuckle threads to prevent loosening of the fixture.

Install & Wire Canopy Base

Note: If the Light Fixture attached to the Canopy Cover has a safety cable



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attached to it, feed the safety cable thru the Canopy Base and attach to a stud per the Light Fixtures installation instructions. The safety cable must be lagged to a solid brace or stud in a manner capable of holding the weight of the fixture. **Failure to do so may cause injury or death!**

1. Run appropriate power supply cable (not supplied) to the junction box.
2. Before mounting the Canopy Base, route the power supply wires through the Conduit Entry Holes from the back. Note: The Conduit Entry Holes are threaded to accept conduit entries, if needed.
3. Mount the Canopy Base to the wall in the desired orientation, by fastening to the mount holes on a 4" round / octagonal junction box or by mounting directly to the wall using the appropriate fasteners for the wall material. Junction box and fasteners are not supplied. See Installation Notes & Warnings regarding mounting. 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. If the wall material is too rough, the gasket may not seal properly and another means must be used to seal around the base, such as silicone, to prevent water from reaching the back of the base.
4. Attach the power supply ground wire to the Canopy Base using the Ground Screw.
5. For 'No Transformer' option, skip next step and proceed to Install Canopy Cover section.
6. Connect the transformer input leads to the power supply wires (black to hot (typically black) & white to neutral (typically white)) using the appropriate connectors for the application. Connectors are not supplied. Note: verify that the power requirements of the transformer matches the power being supplied.

Install Canopy Cover

1. For 'No Transformer' option: the power leads will most likely be connected directly to the leads of a line voltage Light Fixture mounted to the Canopy Cover. Connect the Light Fixture input leads to the power supply wires (black to hot (typically black) & white to neutral (typically white)) using the appropriate connectors for the application. If there is a ground lead coming from the Light Fixture, connect it to the supply power ground lead where it was attached to the Canopy Base. Connectors are not supplied. Note: verify that the power requirements of the Light Fixture matches the power being supplied.
For 'Transformer' option: Connect the leads from the Light Fixture mounted on the Canopy Cover to the transformer secondary leads (typically two red or white low voltage leads coming from the transformer) using the appropriate connectors for the application. Connectors are not supplied. Note: verify that the power requirements of the Light Fixture matches the power being supplied.
2. 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. Note: 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
3. Adjust the aiming of the Light Fixture mounted to the MO12 Surface Mount Powered Canopy per its installation instructions.
4. Double check all connections and component ratings before powering on the system.