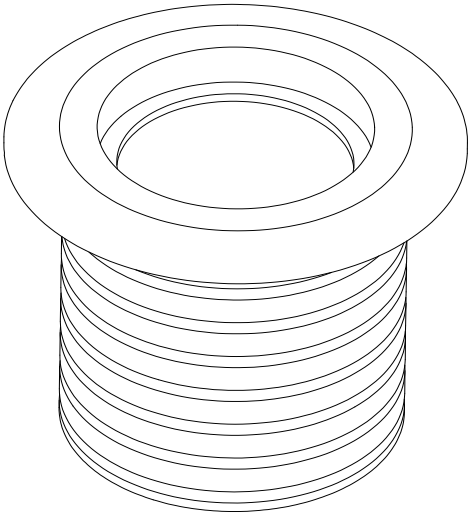
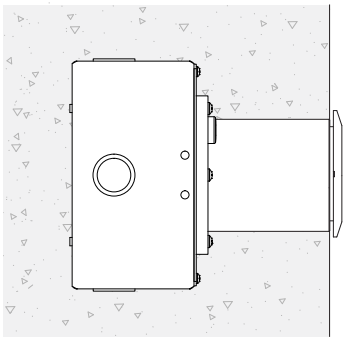
U05

LED Submersible / Swimming Pools



Standard Flange

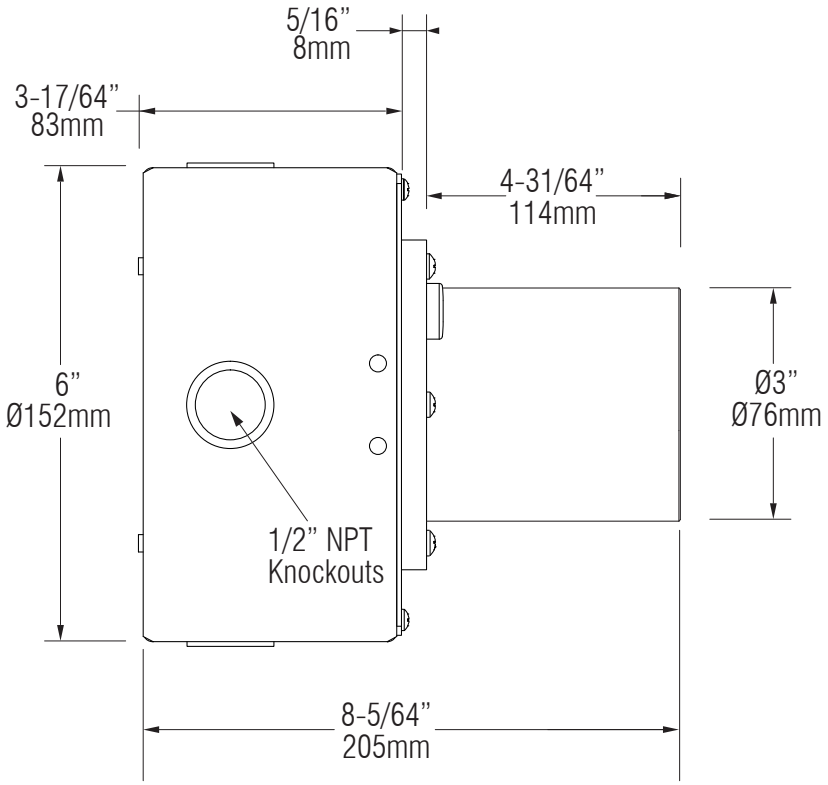


 All technical information in this document is subject to change. Copyright © MP Lighting.

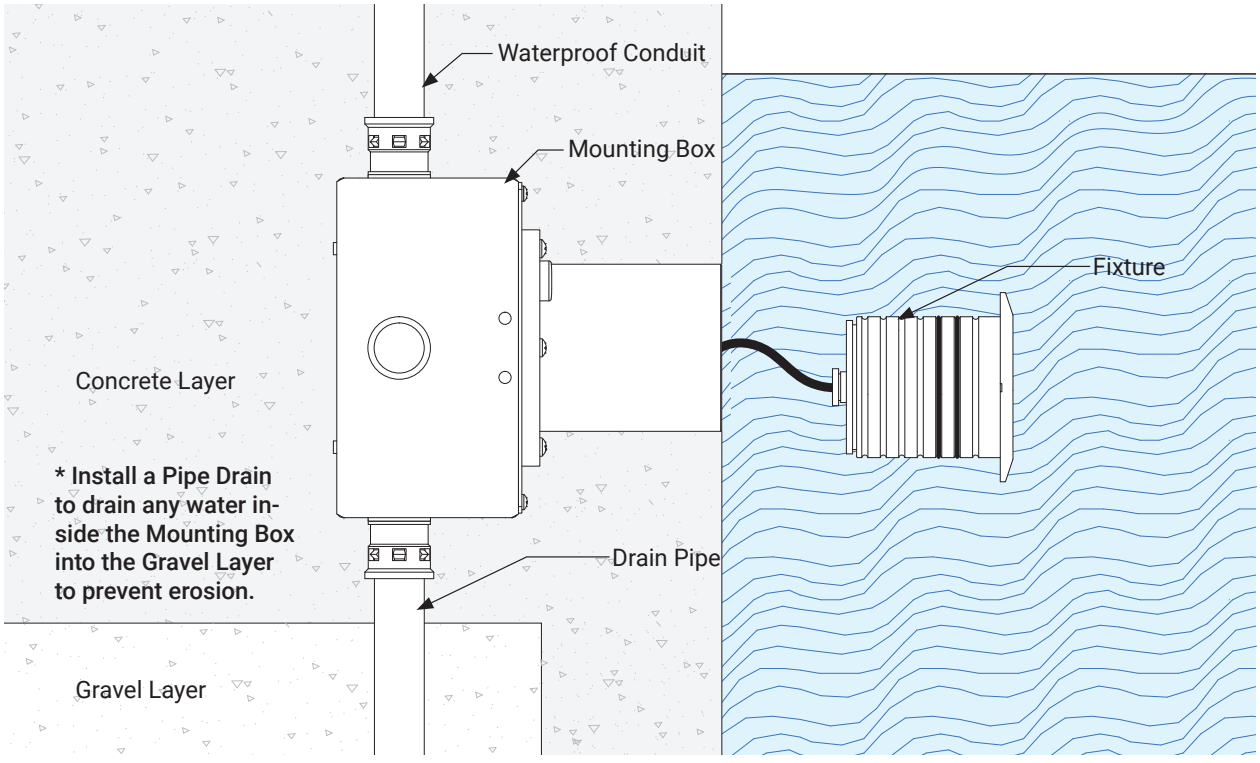
U05

LED Submersible / Swimming Pools

Electrical Box Dimension



Setup Overview



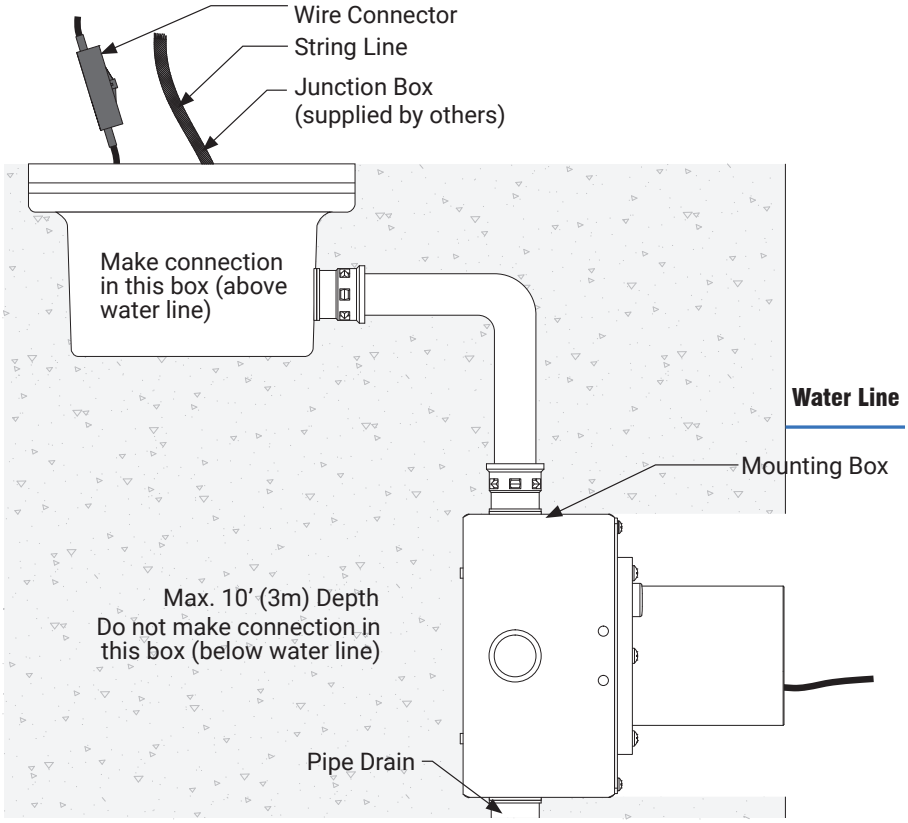
 All technical information in this document is subject to change. Copyright © MP Lighting.

U05

LED Submersible / Swimming Pools

PARTS

U05 Back Box
LED trim x 1
Waterproof leads
Silicon grease — Included

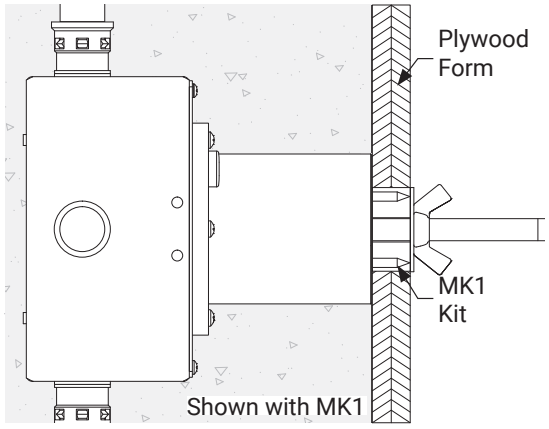


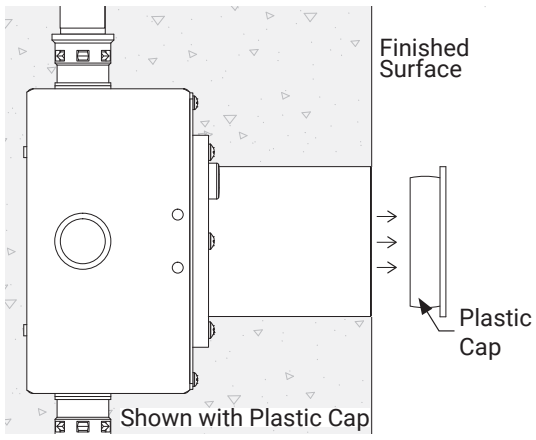
1. Install wiring and conduit in fixture box.
2. Install conduit with string line in position between fixture box (below water line) and Junction box (above water line). ELECTRICAL CONNECTION IS MADE ABOVE WATER LINE. Failure to do this will cause fixture to fill with water and void warranty. Refer to applicable wiring diagram.
3. Ensure all gaskets are in place and knockouts are plugged. Take appropriate steps to support box from collapsing and prevent concrete from entering box during concrete pour.

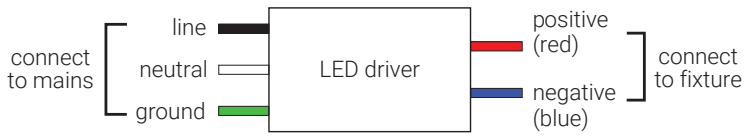
*** DO NOT LET CONCRETE ENTER BOX. ADD DRAIN PLUG FOR WATER.**

* For concrete installation it is recommended to use the MK1, mounting kit on vertical and downward-facing surfaces.

4. Position electrical box so flange is within 1/4” (6mm) from top of poured concrete.
5. After concrete has cured remove MK1 and plywood form or plastic cap if used instead. To remove plastic cap crack concrete above flange and use a corkscrew or similar tool.







[MP LIGHTING®]

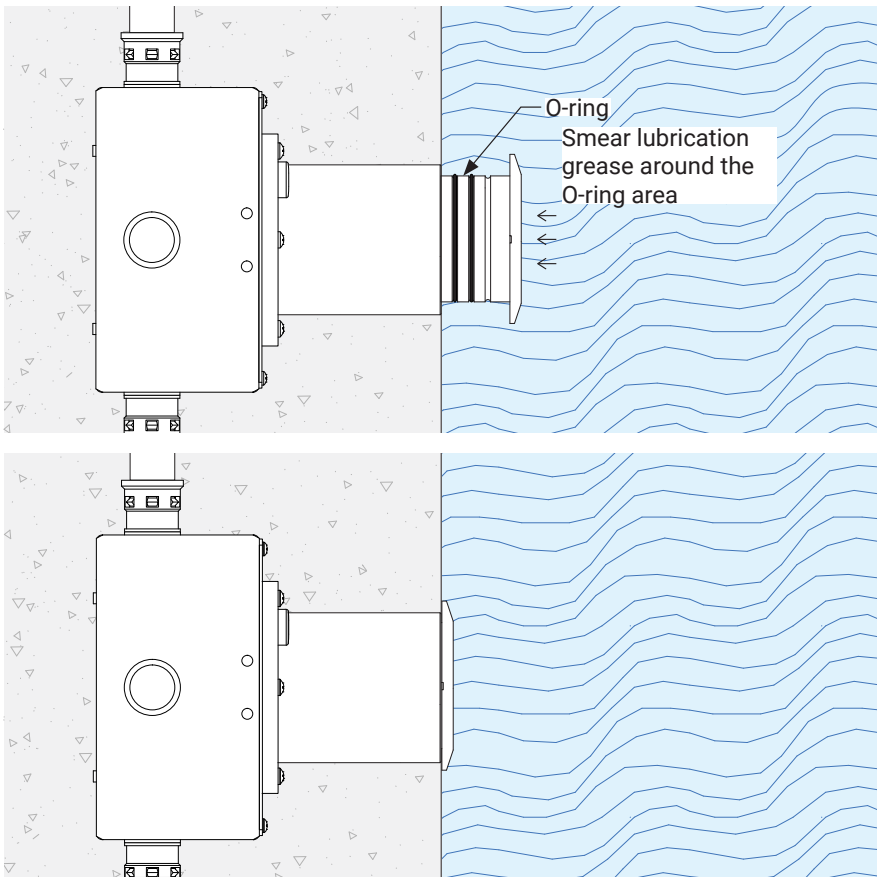
 All technical information in this document is subject to change. Copyright © MP Lighting.

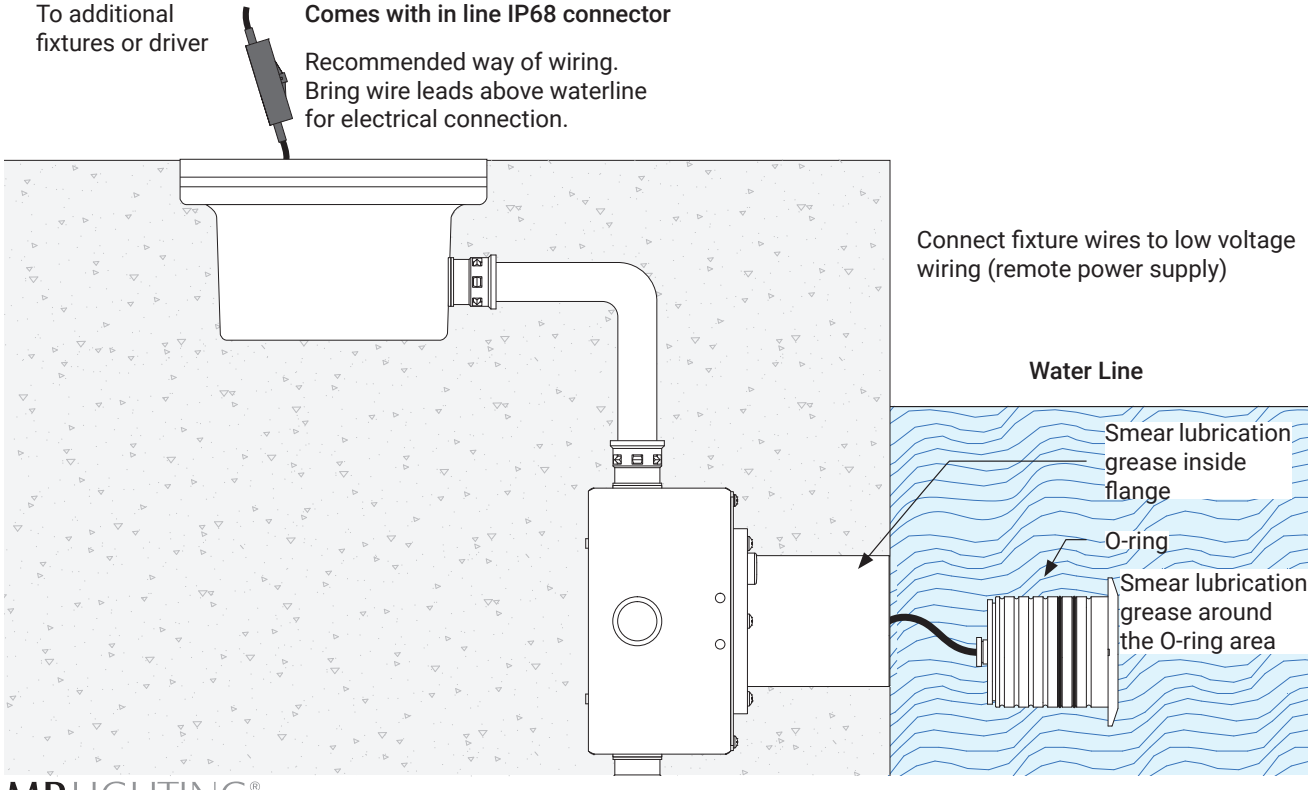
6. The power to the driver must be off while wiring LED fixtures to drivers. Feed waterproof fixture lead and pull though conduit to splice box. Connect fixture leads at Junction box, above the water line, according to applicable wiring diagram.

7. APPLY LUBRICATION GREASE to bottom of trim and inside of flange, for proper insertion and removal of trim.

*** With a twisting back and forth motion insert trim into flange.**

*** If fixture has an angle bracket, make sure beam is lined up in desired direction when inserting the trim.**





All technical information in this document is subject to change. Copyright © MP Lighting. 2026-05-06

IMPORTANT SAFETY INSTRUCTIONS

KEEP THESE INSTALLATION INSTRUCTIONS

(Including General and Additional Markings for Fixtures)

(FOR MP LIGHTING LED LUMINAIRES, CLASS 3402-xx)

General and additional markings

1. For Use Only with Certified/NRTL Driver, Model _____
2. DRY LOCATIONS ONLY or OUTDOOR USE ONLY or DRY/ OUTDOOR USE ONLY or Outdoor / submersible Use Only - as indicated on fixtures
3. MIN 90 C SUPPLY CONDUCTORS
4. Model L92: SUITABLE FOR MOUNTING WITHIN 1.2 M (4FT) OF THE GROUND
5. Models L01, L03, L04, L05, L06, and L07: SUITABLE FOR USE IN POURED CONCRETE, USE ON CLASS 2 CIRCUIT ONLY
6. Models with Class 2 LED Drivers which are intended for installation for other than Indoor Use Only: CAUTION: CONNECTED ONLY TO A CIRCUIT PROTECTED BY A CLASS A GROUND FAULT CIRCUIT INTERRUPTER

Installation instructions

1. The grounding installation shall be done in accordance with CEC-Part 1.
2. WARNING: RISK OF FIRE OR ELECTRIC SHOCK: DO NOT MAKE OR ALTER ANY OPENINGS IN THE COMPARTMENT OF WIRING OR ELECTRICAL COMPONENTS DURING INSTALLATION. DO NOT ALTER OR ADD BALLASTS, OR ANY OTHER ELECTRICAL COMPONENTS.
3. INSTALLATION AND USE OF THIS FIXTURE MOUNTING ASSEMBLY REQUIRES A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF LUMINAIRE ELECTRICAL SYSTEMS AND THE HAZARD INVOLVED, IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN.
4. TURN OFF POWER BEFORE INSTALLATION.
5. KEEP THESE INSTALLATION INSTRUCTIONS.

CONSIGNES DE SÉCURITÉ IMPORTANTES

CONSERVER CES INSTRUCTIONS D'INSTALLATION

(Dont le général et marques supplémentaires pour les appareils)

(Pour les luminaires LED MP D'ÉCLAIRAGE , CLASS 3402 -xx)

Général et marquages supplémentaires

1. A utiliser uniquement avec Certified / NRTL pilote, modèle _____
2. POUR EMPLACEMENTS SECS SEULEMENT ou UTILISATION EXTÉRIEURE SEULEMENT ou SEC / UTILISATION EXTÉRIEURE SEULEMENT ou extérieure / Utilisation submersible seulement - comme indiqué sur les appareils
3. LES FILS D'ALIMENTATION 90 °C MIN
4. Modèle L92: Pour montage moins de 1,2 m (4 pi) DE LA TERRE
5. Modèles L01, L03, L04, L05, L06, L07 et: utilisables dans le béton coulé, UTILISATION DE CLASSE 2 CIRCUIT UNIQUEMENT
6. ATTENTION: CONNECTED UNIQUIREMENT À UN CIRCUIT PROTÉGÉ PAR UN DISJONCTEUR DIFFÉRENTIEL DE CLASS A

Les instructions d'installation

1. L'installation de mise à la terre doit être fait en conformité avec CEC Partie 1.
2. AVERTISSEMENT : RISQUE D'INCENDIE OU D'ÉLECTROCUTION: NE PAS FAIRE OU MODIFIER DES OUVERTURES DANS LE COMPARTIMENT DE CÂBLAGE OU DE COMPOSANTS ÉLECTRIQUES LORS DE L'INSTALLATION. NE PAS MODIFIER OU AJOUTER DES BALLASTS, OU AUTRES COMPOSANTS ÉLECTRIQUES
3. CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS. CONSULTER UN ÉLECTRICIEN QUALIFIÉ.
4. COUPER LE COURANT AVANT L'INSTALLATION.
5. CONSERVEZ CES INSTRUCTIONS.

 All technical information in this document is subject to change. Copyright © MP Lighting.