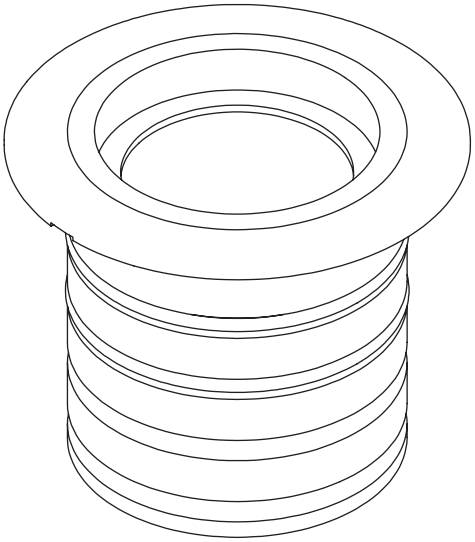
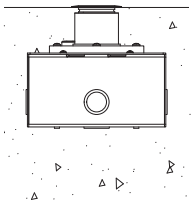
U01

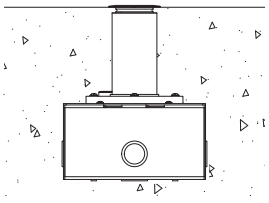
LED Submersible/Swimming Pools



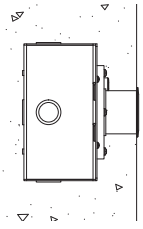
Standard Flange
Ingrade



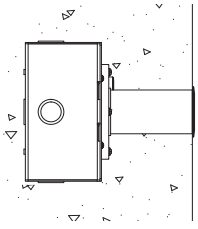
Paving Stone Flange
Ingrade



Standard Flange
Wall Mount



Paving Stone Flange
Wall Mount



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U01

Installation - Standard Flange Ingrade

PARTS

a. EBX-SQR1-CSS6 back box x 1
b. String line — by others
c. PVC Pipe — by others
d. PVC waterproof strain relief — by others
e. Waterproof deck box — by others

1. Position back box so that the top of the flange is within 1/4" (6mm) from finish surface.

* Please note that the distance between the top of the flange and the water line can only be 12 inch maximum.

2. Install PVC pipe with string line in position between back box (below water line) and deck 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.

4. After concrete has cured, crack concrete above flange and remove plastic cap.

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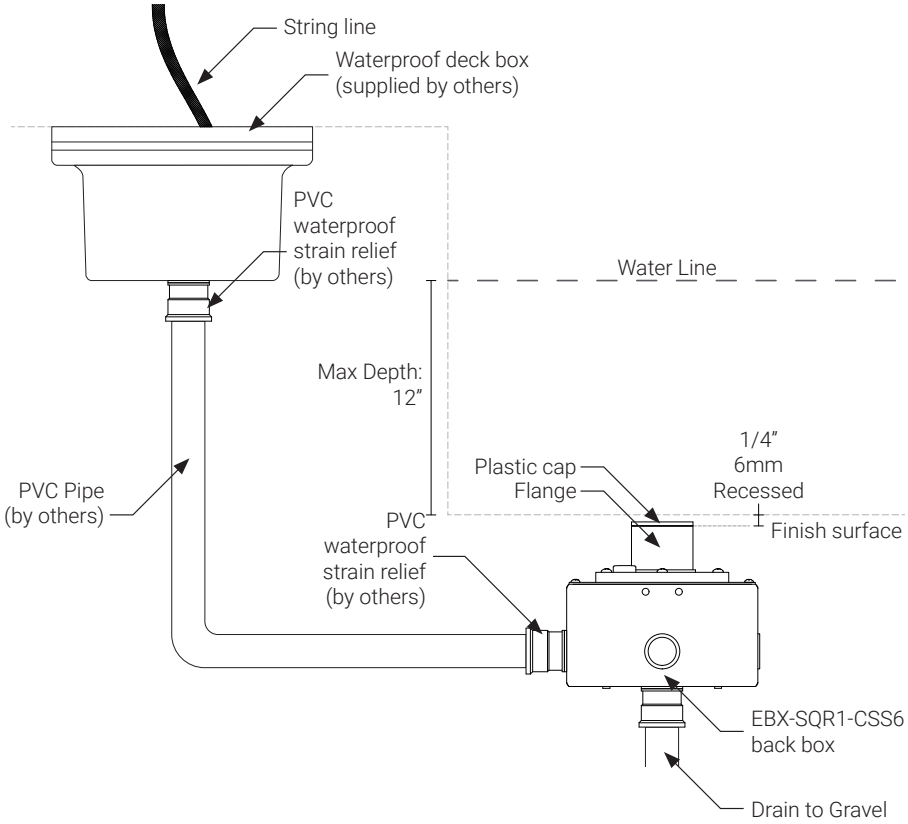

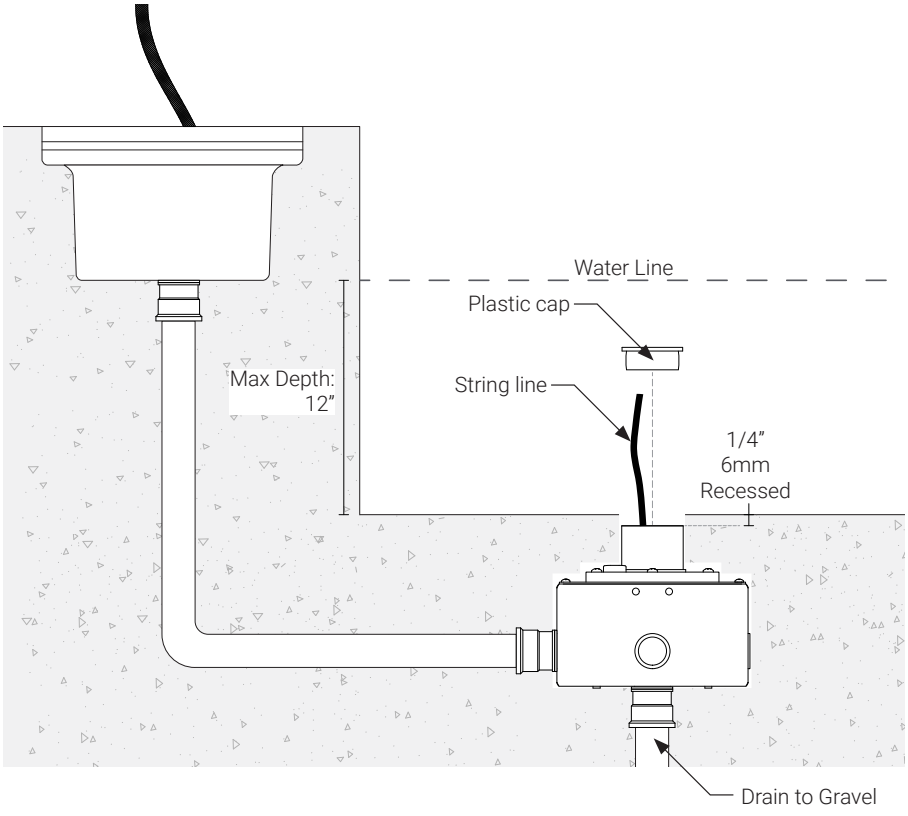

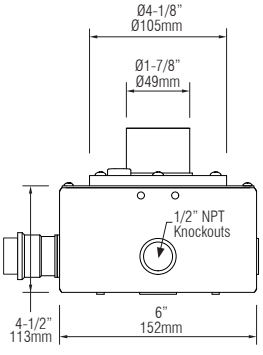

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U01

Installation - Standard Flange Ingrade

PARTS

a. EBX-SQR1-CSS6 back box x 1
b. LED Fixture x 1
c. 6’ waterproof leads x 1
d. IP68 waterproof connector x 1
e. Lubrication grease — included
f. String line — by others
g. Waterproof deck box — by others

* Before work begins, make sure the power to the driver is OFF and MUST STAY OFF before completion of the installation work.

6. Clean the interior flange to ensure that it is clear of dust and particles.

7. Apply lubrication grease to the o-ring area of the fixture and the interior of the flange for proper insertion and removal of fixture.

8. Attach the waterproof leads from the LED fixture to the string line.

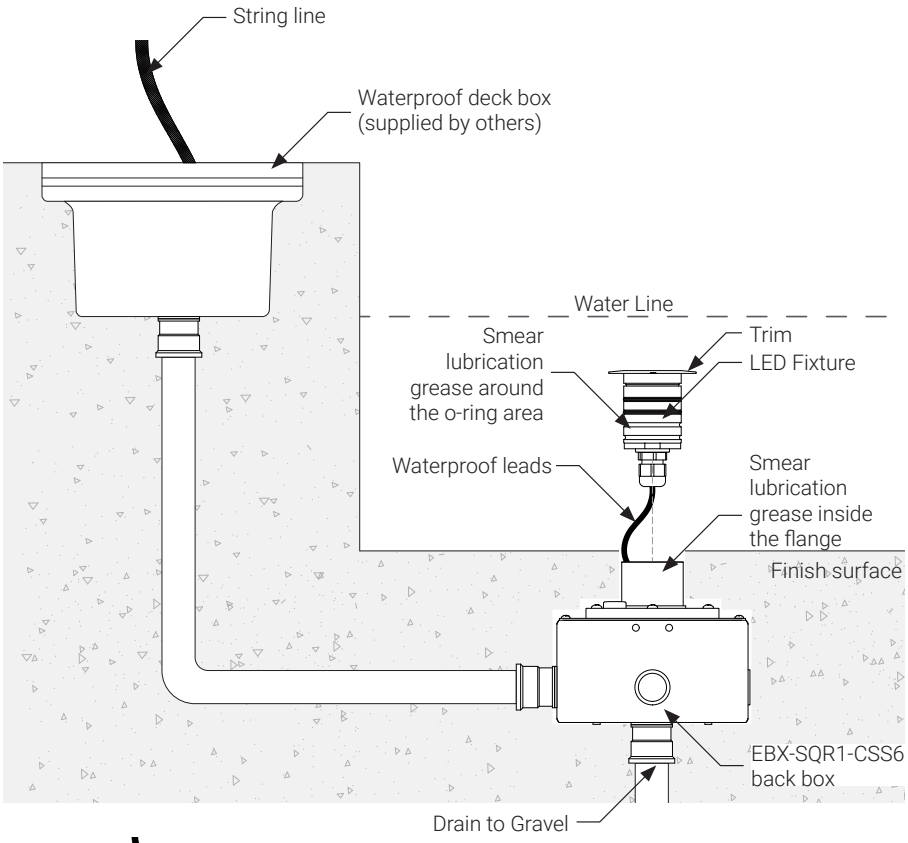
9. Feed the waterproof leads from the LED fixture through the pipe to the deck box by pulling the string line.

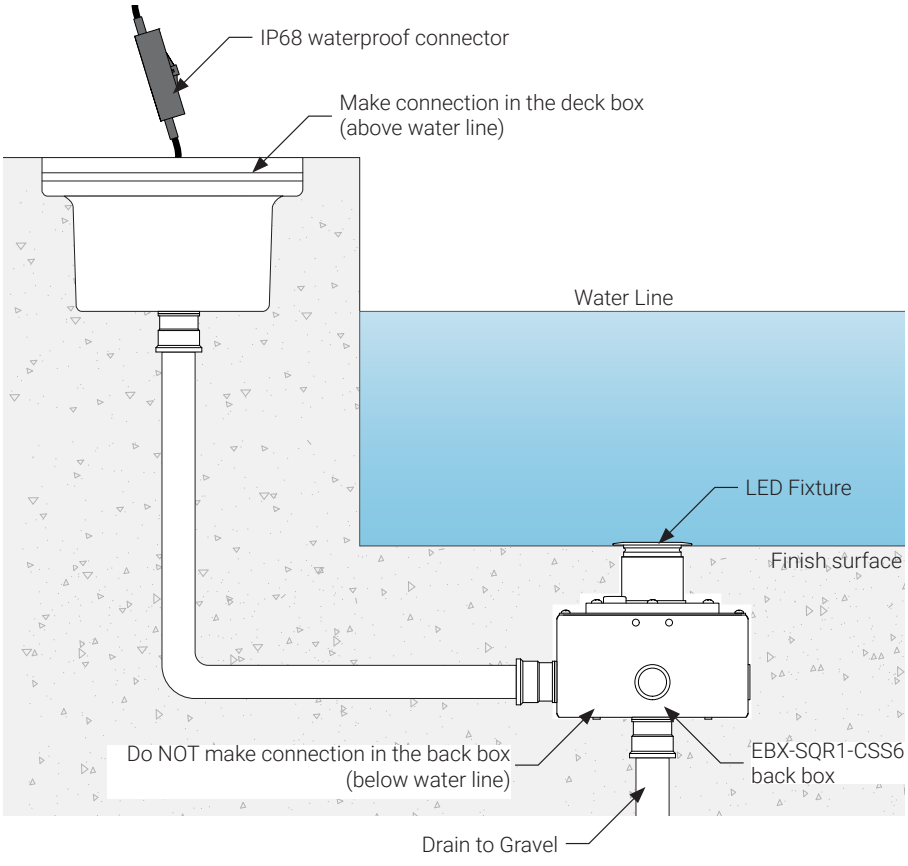
10. Insert the LED fixture into the flange by twisting back and forth until the bottom of the trim flush with the finish surface.

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

11. Connect the LED fixture wires to drivers with IP68 waterproof connector in the waterproof deck box.

12. Power on the drivers to make sure that the LED fixtures are working properly.





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U01

Installation - Paving Stone Flange Ingrade

PARTS

a. EBX-SQR1-CPS6 back box x 1
b. String line — by others
c. PVC Pipe — by others
d. PVC waterproof strain relief — by others
e. Waterproof deck box — by others

1. Position back box so that the top of the flange is within 1/4" (6mm) from finish surface.

* Please note that the distance between the top of the flange and the water line can only be 12 inch maximum.

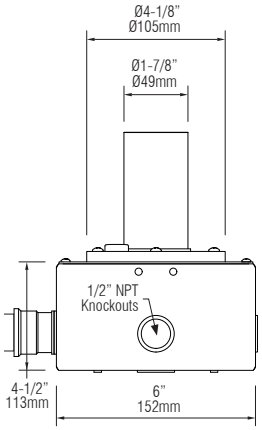
2. Install PVC pipe with string line in position between back box (below water line) and deck box (above water line). ELECTRICAL CONNECTION IS MADE ABOVE WATER LINE. Failure to do this will cause fixture to fill with water and void warranty. Refer to applicable wiring diagram.

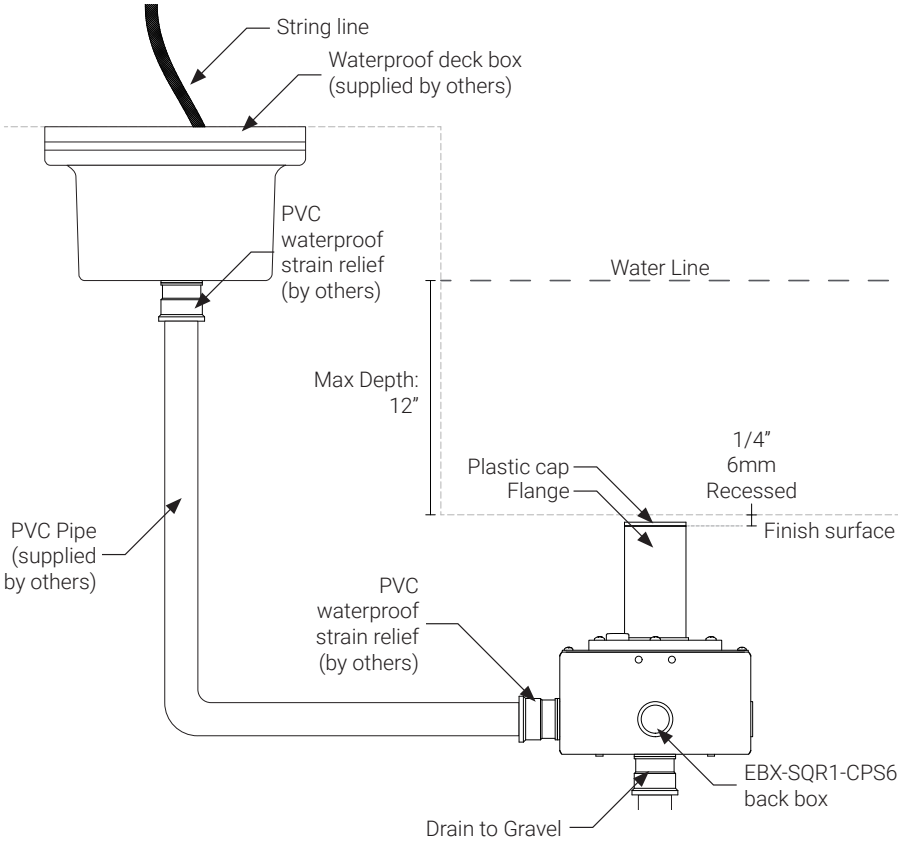
3. Ensure all gaskets are in place and knockouts are plugged. Take appropriate steps to support box from collapsing and prevent concrete from entering box during concrete pour.

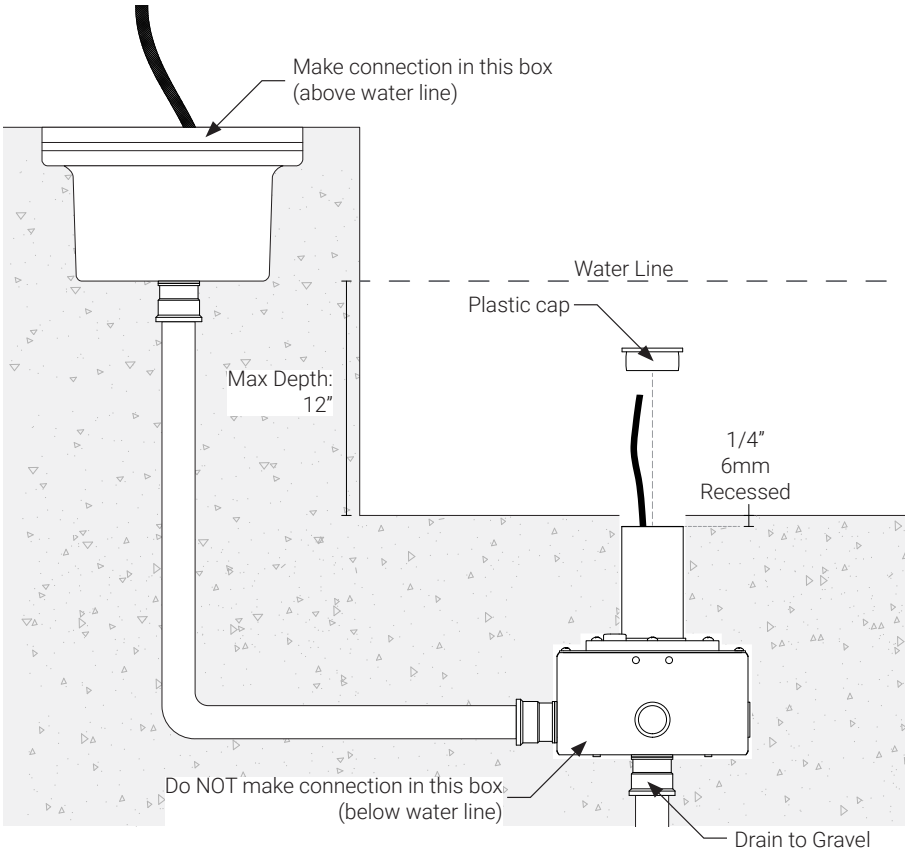
DO NOT LET CONCRETE ENTER BOX.

4. After concrete has cured, crack concrete above flange and remove plastic cap.

Continue to the following page







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U01

Installation - Paving Stone Flange Ingrade

PARTS

a. EBX-SQR1-CPS6 back box x 1
b. LED Fixture x 1
c. 6’ waterproof leads x 1
d. IP68 waterproof connector x 1
e. Lubrication grease — included
f. String line — by others
g. Waterproof deck box — by others

* Before work begins, make sure the power to the driver is OFF and MUST STAY OFF before completion of the installation work.

6. Clean the interior flange to ensure that it is clear of dust and particles.

7. Apply lubrication grease to the o-ring area of the fixture and the interior of the flange for proper insertion and removal of fixture.

8. Attach the waterproof leads from the LED fixture to the string line.

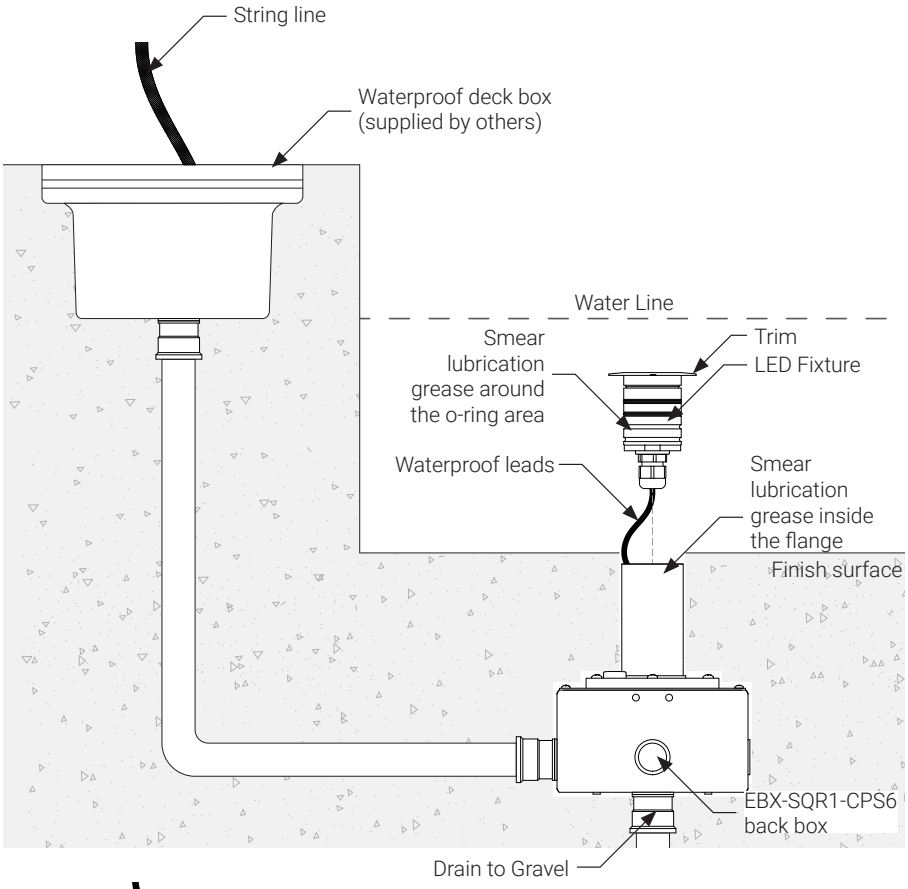
9. Feed the waterproof leads from the LED fixture through the pipe to the deck box by pulling the string line.

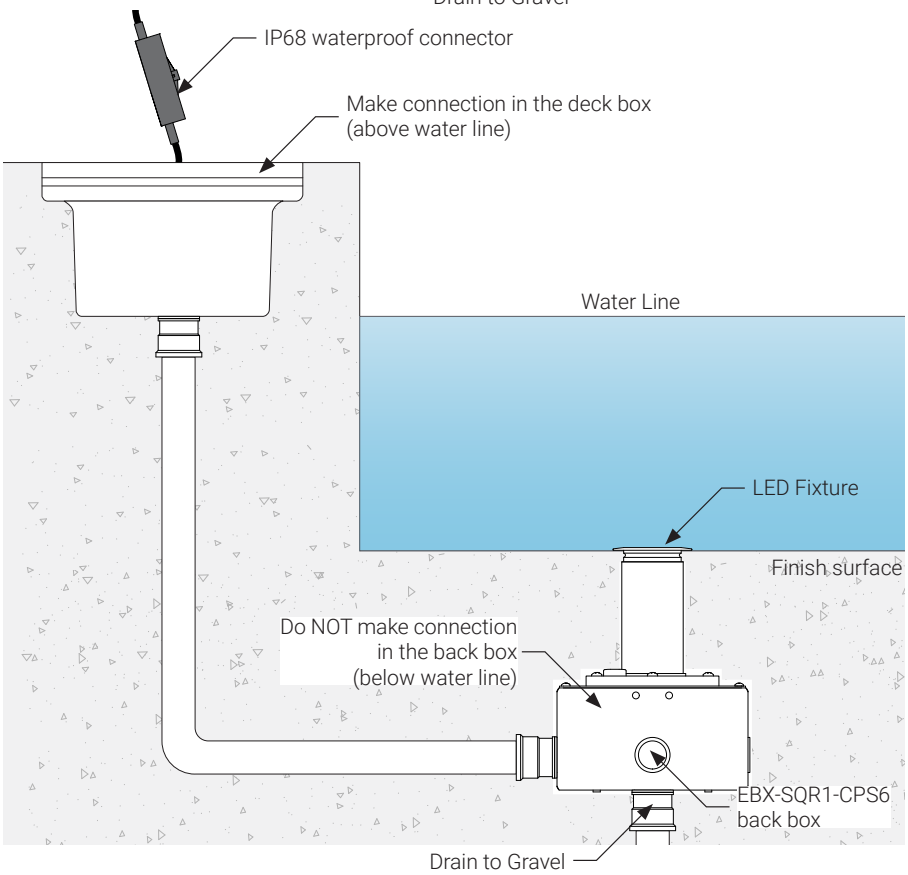
10. Insert the LED fixture into the flange by twisting back and forth until the bottom of the trim flush with the finish surface.

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

11. Connect the LED fixture wires to drivers with IP68 waterproof connector in the waterproof deck box.

12. Power on the drivers to make sure that the LED fixtures are working properly.





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U01

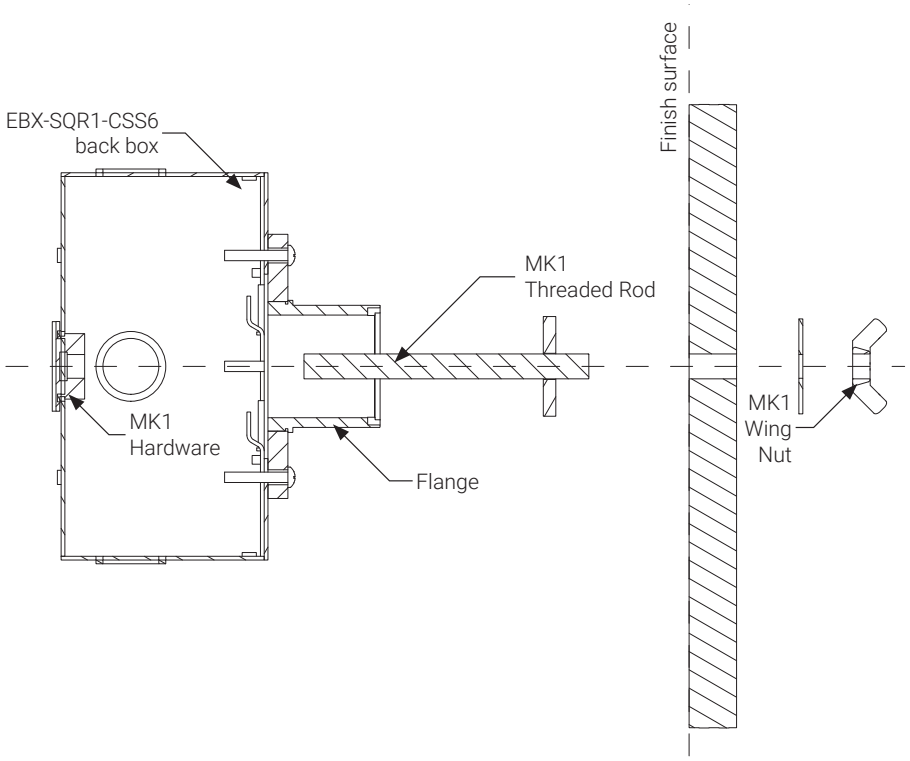
Installation - MK1 (shown with CSS6)

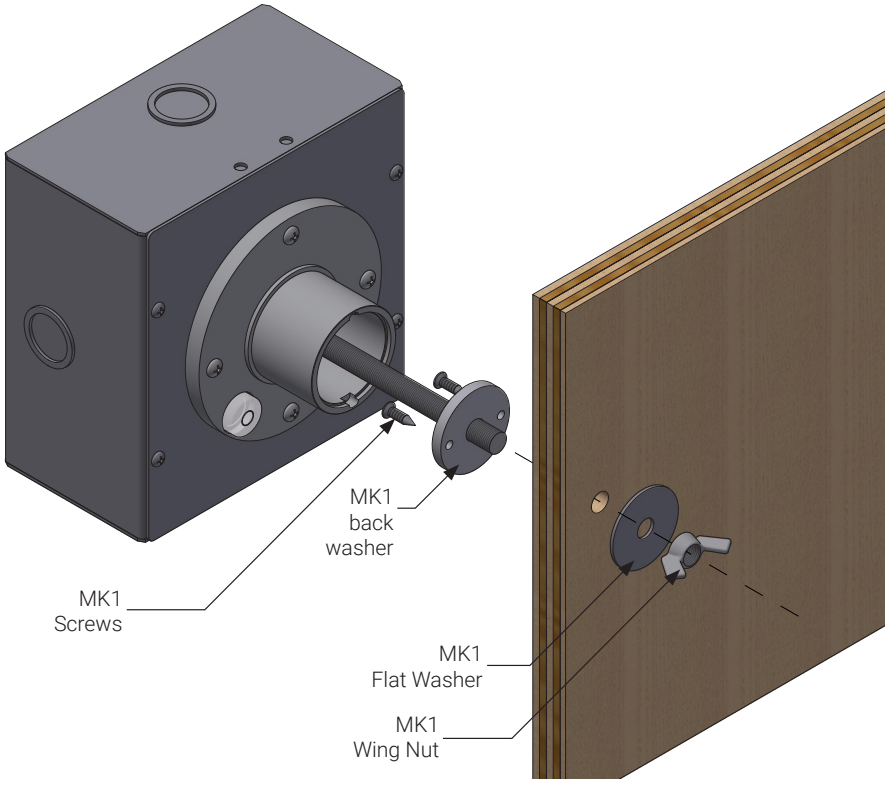
PARTS

a. EBX-SQR1-CSS6 back box x 1
b. MK1 Kit x 1
c. Wooden Form — by others

1. Put the Wooden Form into place and drill a hole for the MK1 Threaded Rod insertion.
2. Align the centre hole of the MK1 back washer with the drilled hole on the wooden form.
3. Secure the MK1 back washer onto the Wooden Form with the MK1 Screws provided.
4. Install the MK1 Threaded Rod to the back box with the MK1 Hardware provided.
5. Insert the MK1 back washer with Wooden Form onto Threaded Rod.
6. Put the MK1 Flat Washer onto the MK1 Threaded Rod and secure the entire assembly with the MK1 Wing Nut.

Continue to the following page





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U01

Installation - Standard Flange Wall Mount

PARTS

a. EBX-SQR1-CSS6 back box x 1
b. MK1 Kit x 1
c. String line — by others
d. PVC Pipe — by others
e. PVC waterproof strain relief — by others
f. Waterproof deck box — by others
g. Wooden Form — by others

1. Position back box so that the top of the flange is flushed to finish surface.

* Please note that the distance between the top of the flange and the water line can only be 12 inch maximum.

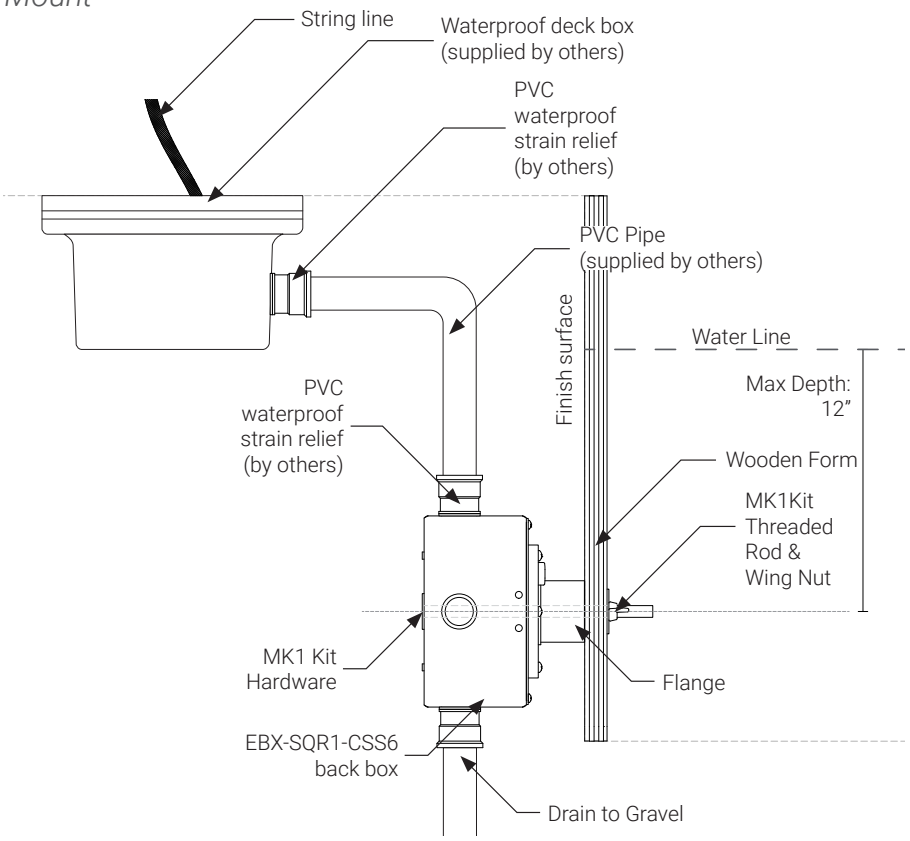
2. Install PVC pipe with string line in position between back box (below water line) and deck box (above water line). ELECTRICAL CONNECTION IS MADE ABOVE WATER LINE. Failure to do this will cause fixture to fill with water and void warranty. Refer to applicable wiring diagram.

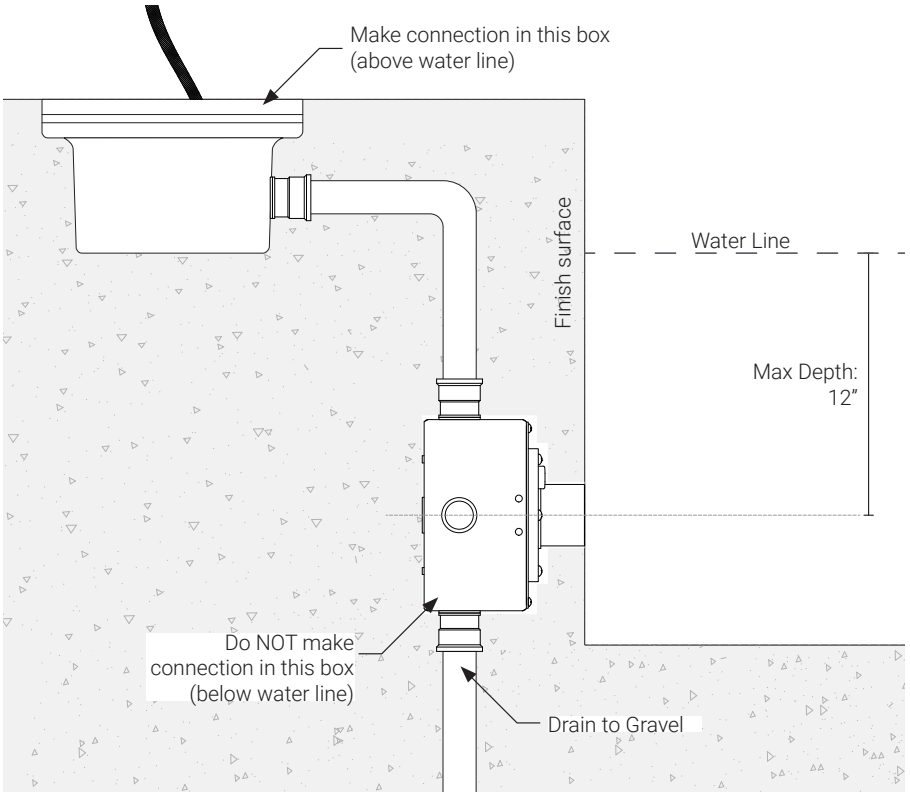
3. Ensure all gaskets are in place and knockouts are plugged. Take appropriate steps to support box from collapsing and prevent concrete from entering box during concrete pour.

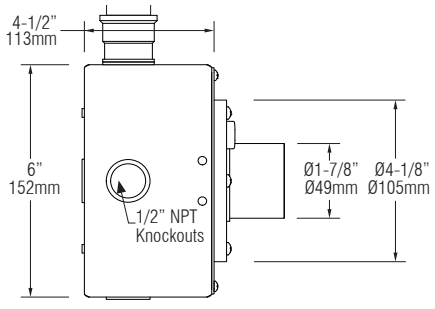
DO NOT LET CONCRETE ENTER BOX.

4. Once the concrete is cured, remove the wooden form and the MK1 kit to unveil the flange.

Continue to the following page







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U01

Installation - Standard Flange Wall Mount

PARTS

a. EBX-SQR1-CSS6 back box x 1
b. LED Fixture x 1
c. 6’ waterproofleads x 1
d. IP68 waterproof connector x 1
e. Lubrication grease — included
f. String line — by others
g. Waterproof deck box — by others

* Before work begins, make sure the power to the driver is OFF and MUST STAY OFF before completion of the installation work.

6. Clean the interior flange to ensure that it is clear of dust and particles.

7. Apply lubrication grease to the bottom of the trim and the interior of the flange for proper insertion and removal of trim.

8. Attach the waterproof leads from the LED fixture to the string line.

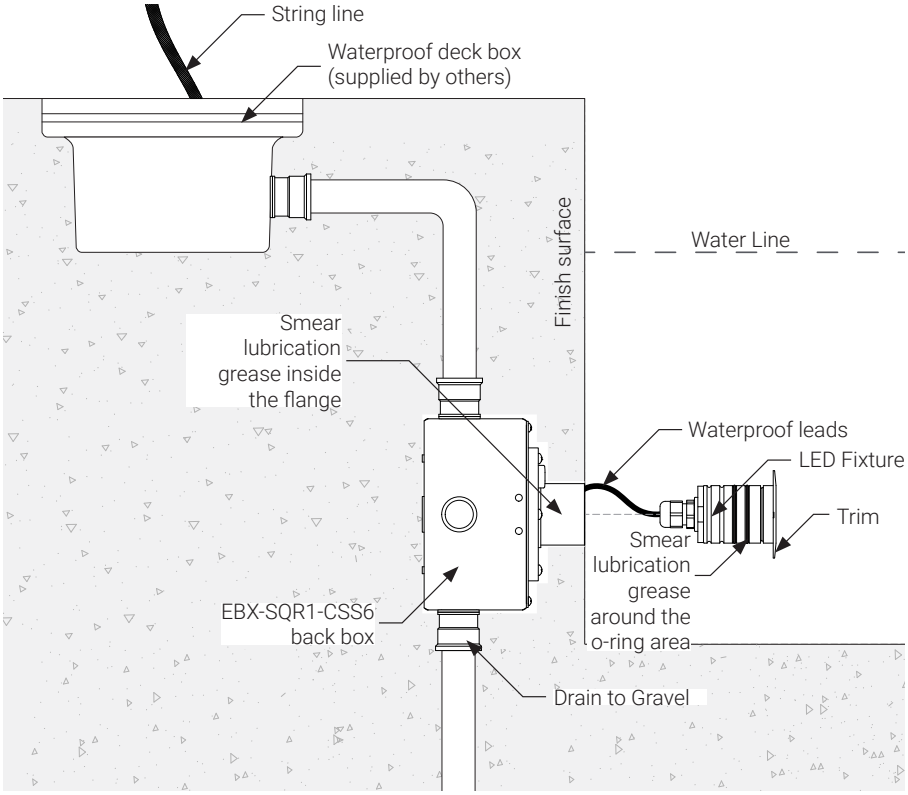
9. Feed the waterproof leads from the LED fixture through the conduit to the deck box by pulling the string line.

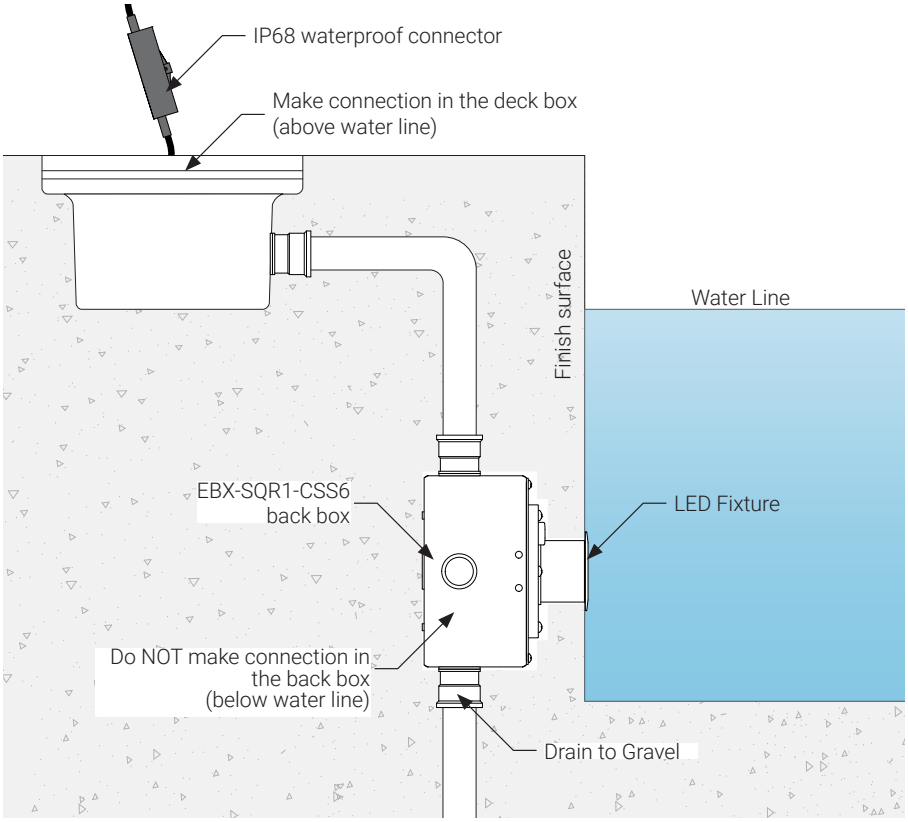
10. Insert the LED fixture into the flange by twisting back and forth until the bottom of the trim flush with the finish surface.

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

11. Connect the LED fixture wires to drivers with IP68 waterproof connector in the waterproof deck box.

12. Power on the drivers to make sure that the LED fixtures are working properly.





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U01

Installation - Paving Stone Flange Wall Mount

PARTS

a. EBX-SQR1-CPS6 back box x 1
b. MK1 Kit x 1
c. String line — by others
d. PVC Pipe — by others
e. PVC waterproof strain relief — by others
f. Waterproof deck box — by others
g. Wooden Form — by others

1. Position back box so that the top of the flange is flushed to finish surface.

* Please note that the distance between the top of the flange and the water line can only be 12 inch maximum.

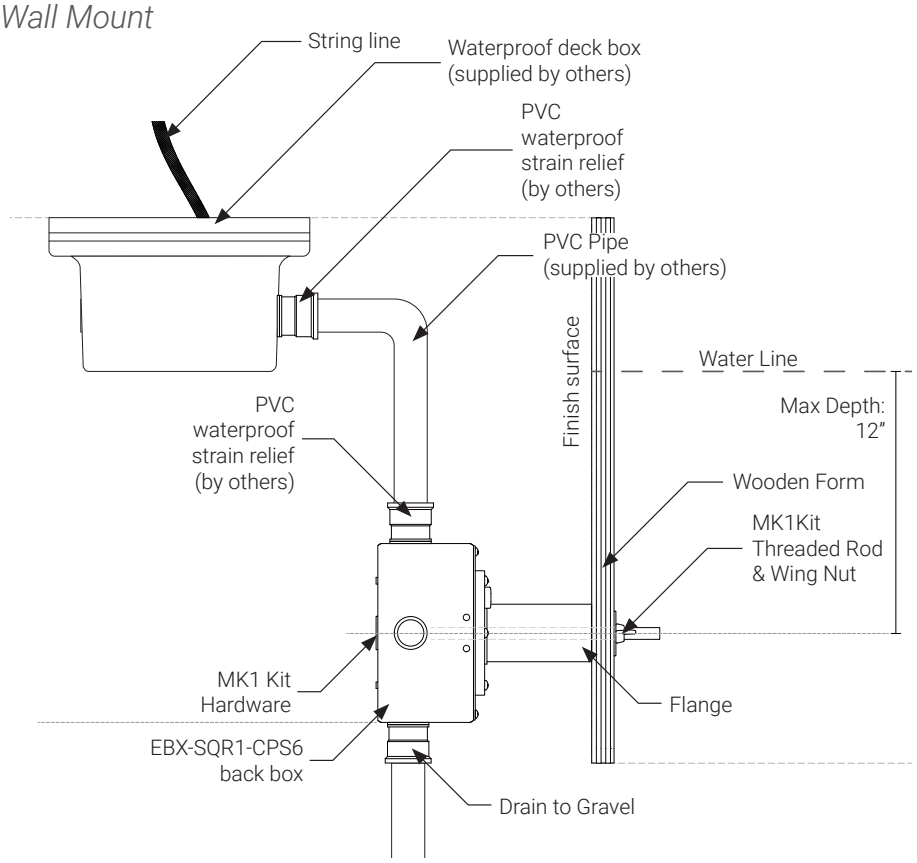
2. Install PVC pipe with string line in position between back box (below water line) and deck box (above water line). ELECTRICAL CONNECTION IS MADE ABOVE WATER LINE. Failure to do this will cause fixture to fill with water and void warranty. Refer to applicable wiring diagram.

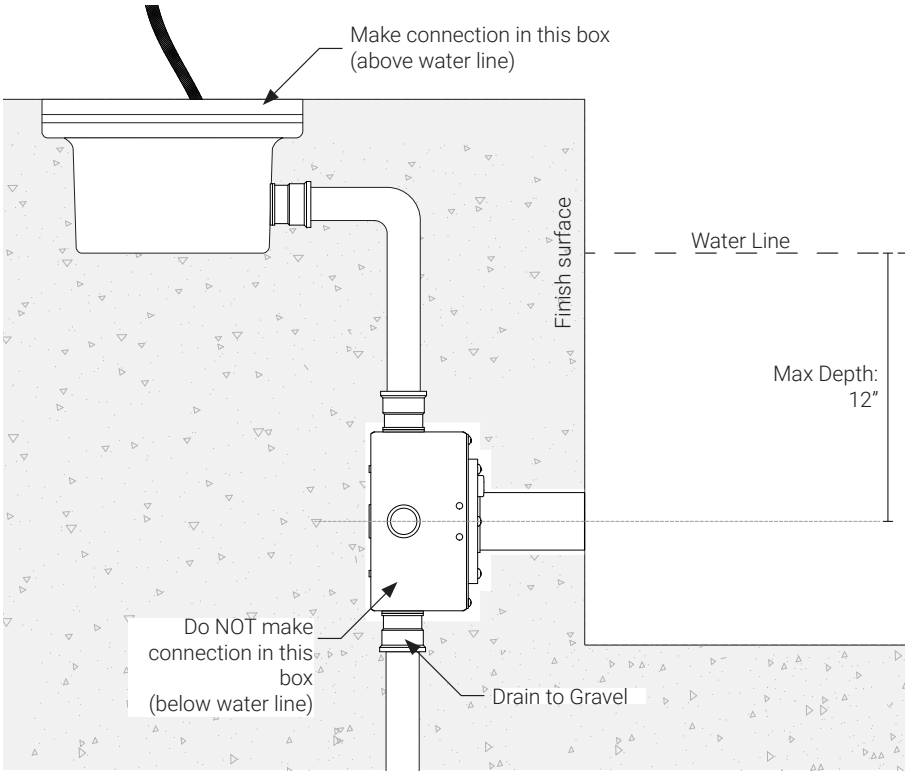
3. Ensure all gaskets are in place and knockouts are plugged. Take appropriate steps to support box from collapsing and prevent concrete from entering box during concrete pour.

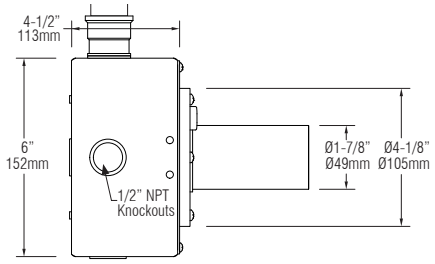
DO NOT LET CONCRETE ENTER BOX.

4. Once the concrete is cured, remove the wooden form and the MK1 kit to unveil the flange.

Continue to the following page







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U01

Installation - Paving Stone Flange Wall Mount

PARTS

a. EBX-SQR1-CPS6 back box x 1
b. LED Fixture x 1
c. 6’ waterproofleads x 1
d. IP68 waterproof connector x 1
e. Lubrication grease — included
f. String line — by others
g. Waterproof deck box — by others

* Before work begins, make sure the power to the driver is OFF and MUST STAY OFF before completion of the installation work.

6. Clean the interior flange to ensure that it is clear of dust and particles.

7. Apply lubrication grease to the bottom of the trim and the interior of the flange for proper insertion and removal of trim.

8. Attach the waterproof leads from the LED fixture to the string line.

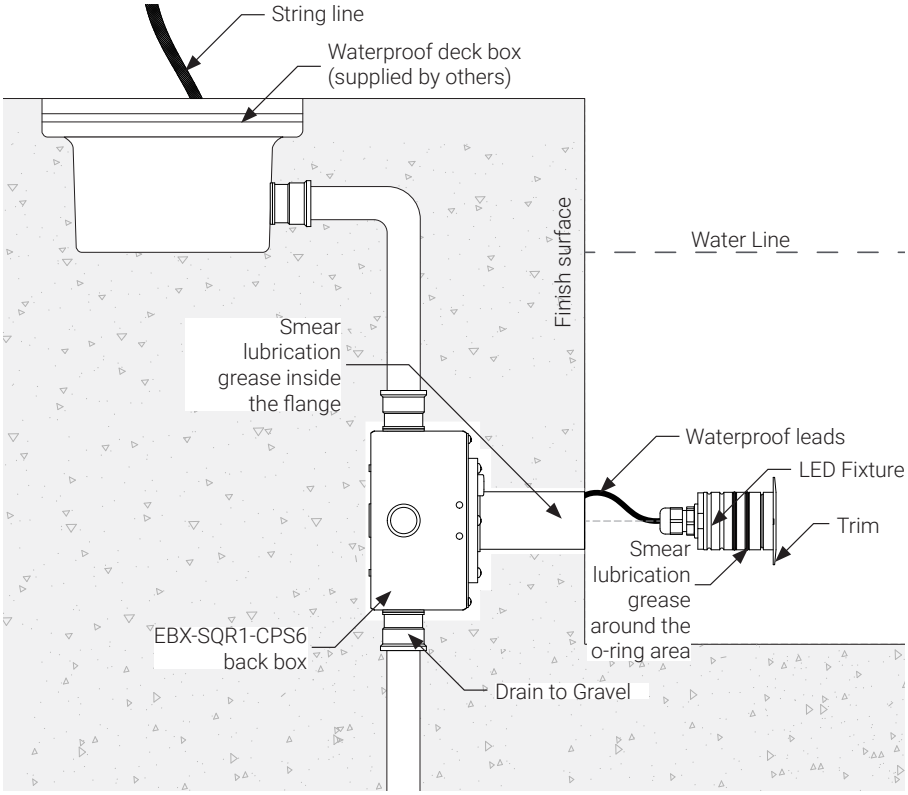
9. Feed the waterproof leads from the LED fixture through the conduit to the deck box by pulling the string line.

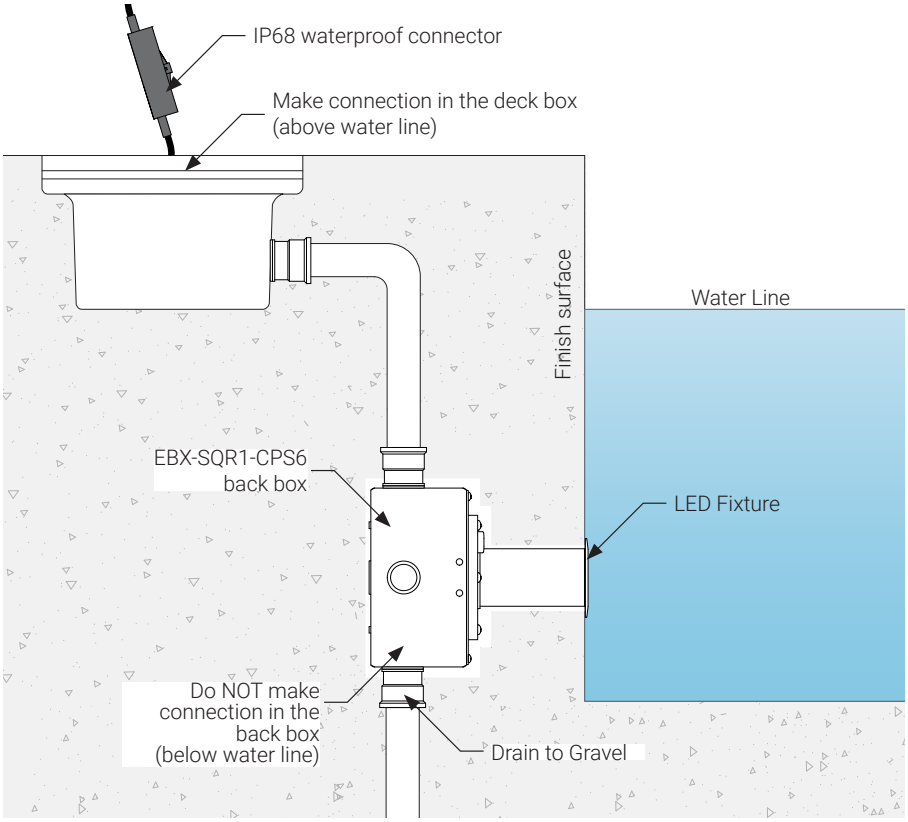
10. Insert the LED fixture into the flange by twisting back and forth until the bottom of the trim flush with the finish surface.

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

11. Connect the LED fixture wires to drivers with IP68 waterproof connector in the waterproof deck box.

12. Power on the drivers to make sure that the LED fixtures are working properly.





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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.

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