

HP2RM

REMOTE DRIVER - LED

Standard Instructions



Flammable



Warning



High Voltage



Hot Surface

TOOLS NEEDED:



1/8" Allen Wrench



Waterproof Wire Connectors



Level



Phillips Screwdriver



Torque Wrench

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

Lighted fixture is HOT!

WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

Turn off/unplug and allow to cool before replacing lamp/LED. Fixture gets HOT quickly! Contact only switch/plug when turning on. Do not touch hot lens, guard, or enclosure. Keep fixture away from materials that may burn. Do not operate the luminaire fitting with a missing or damaged shield. Do not touch the source at any time. Use a soft cloth or gloves. Oil from skin may cause damage.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS

- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. The use of damaged components may cause an unsafe condition and void product warranty.
- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet locations • Suitable for recessed in ground locations

Proper soil preparation is recommended before installation. See the DIG-IT guide at www.bklighting.com/collaterals/install/digit.pdf for more information.



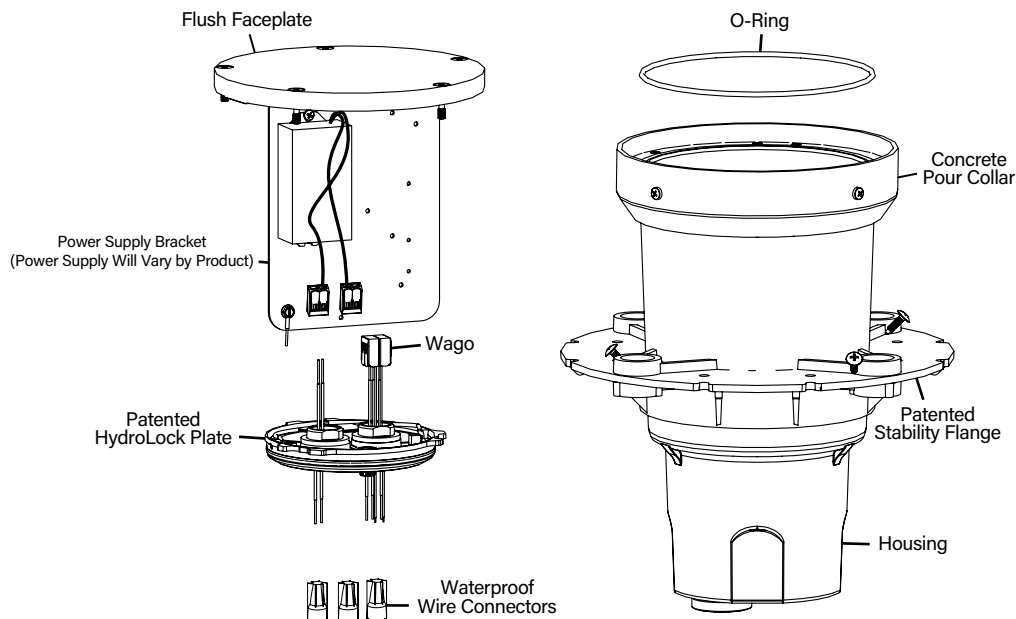
REMOTE WIRING

LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (not included). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

Failure to comply with specific wiring requirements will void product warranty.



IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE THESE INSTALLATION INSTRUCTIONS

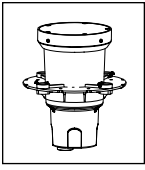
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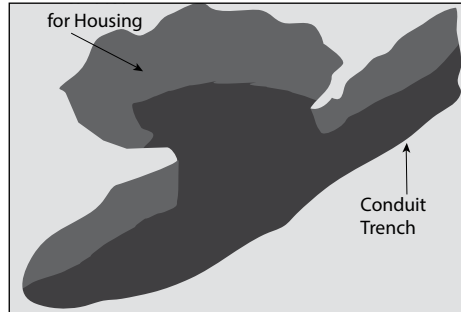
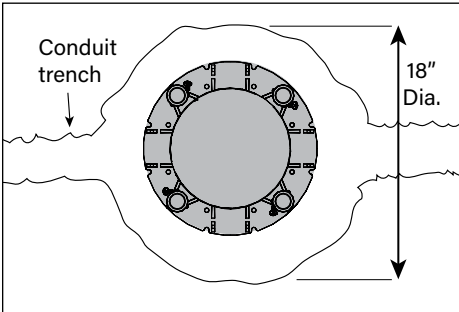
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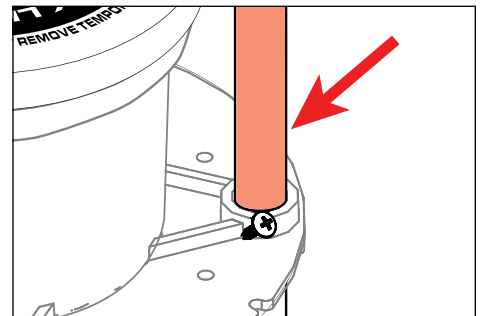
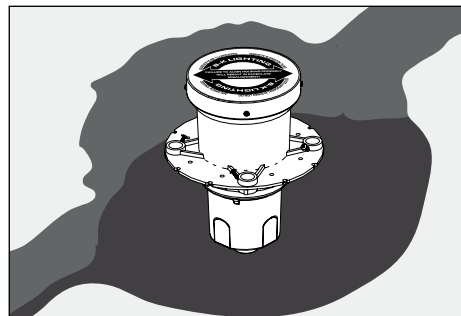
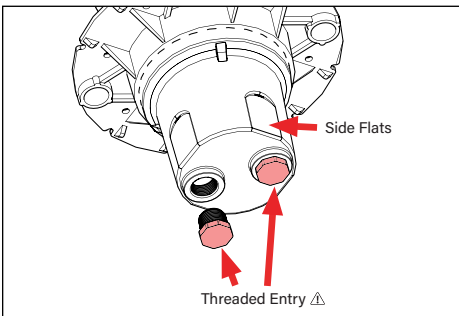
Soil Prep



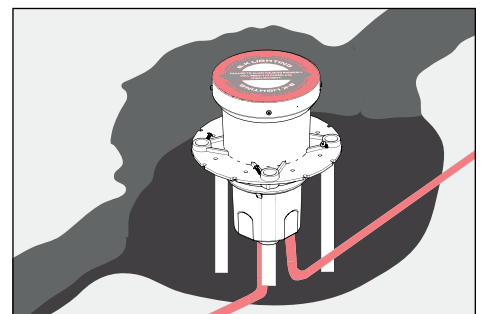
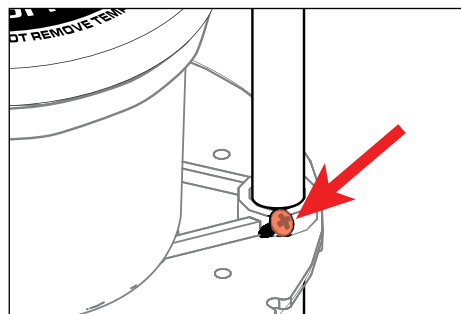
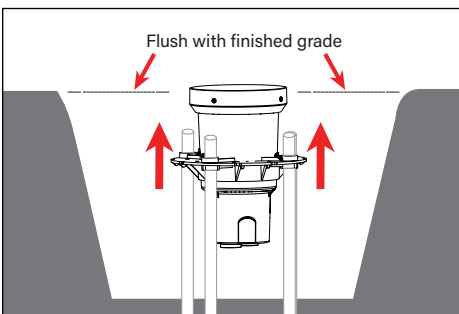
1. Determine Soil Type by referencing DIG-IT Guide.
2. Dig hole 18" wide and 18" deep.
3. Prep soil according to DIG-IT Guide.

SCAN WITH SMART DEVICE OR CLICK THE BAR CODE FOR ONLINE DIG-IT GUIDE

Housing Installation



1. Connect branch conduit connectors (not included) to the junction box using either the threaded conduit entries on the bottom of the junction box or through holes drilled into the sides of the junction box.
 2. Place housing in hole. Align junction box in the path of the conduit trench.
 3. Insert four (4) pieces of 1/2" PVC/EMT conduit through the stability flange. Hammer into substrate until secure.
- ⚠ Remove 3/4" plug to install conduit connector. Any unused conduit entries should remain plugged.
- ⚠ Leave sufficient clearance to elevate housing to finished grade.



4. Raise housing on PVC/EMT so housing is flush with finished grade. Use a level to aid in housing installation.
5. When housing is level, tighten screws on stability flange to secure housing to PVC/EMT. Remove excess PVC/EMT as needed.
6. Pull primary branch circuit wiring into junction box.

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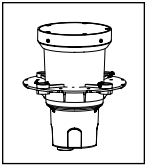


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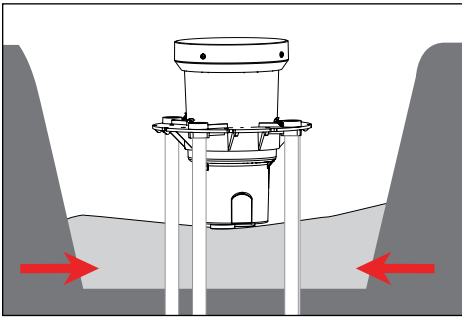
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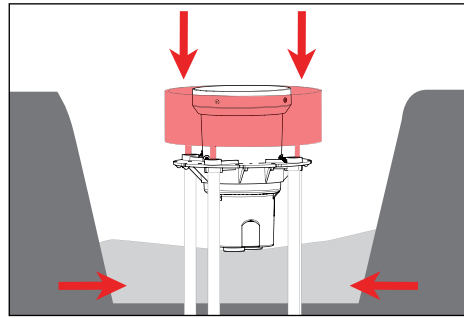
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REMOTE DRIVER - LED

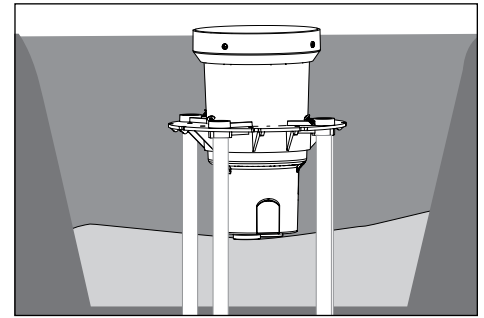


7. Per DIG-IT Guide, backfill hole based off of determined soil type.



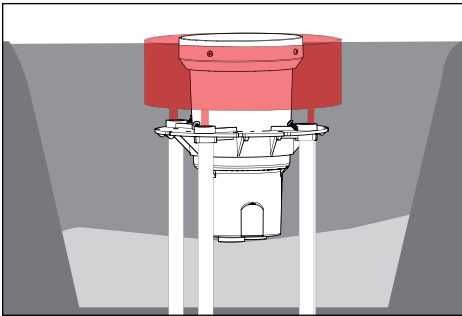
OPTIONAL GROUT MASK INSTALLATION (IF ORDERED)

7. Fill partway, then place grout mask around housing, centered at faceplate. Insert stakes through stability flange. Top of grout mask should be flush with grade.



8. **For soil installation:** Fill and tamp soil to the appropriate height leaving room for sod, pavers, etc. to be level with the top of the temporary cover.

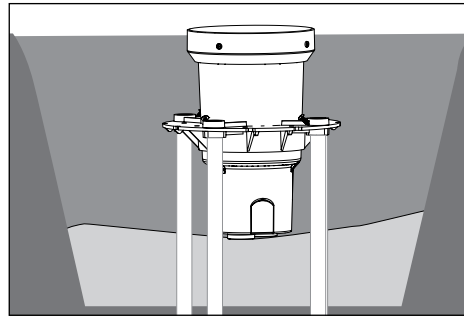
⚠ Soil installation is not drive-over rated.



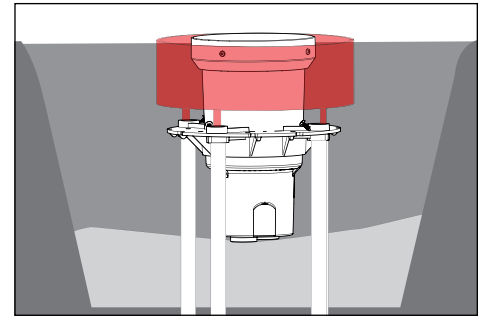
OPTIONAL GROUT MASK INSTALLATION (IF ORDERED)

8. **For soil installation:** Fill and tamp soil to the appropriate height leaving room for sod, pavers, etc. to be level with the top of the temporary cover.

⚠ Soil installation is not drive-over rated.



9. **For concrete installation:** Fill the hole around the fixture housing to 7" below the finished grade with clean fill dirt and tamp carefully to prevent settling of fixture. Pour concrete and finish as required flush with the top surface of the temporary cover.



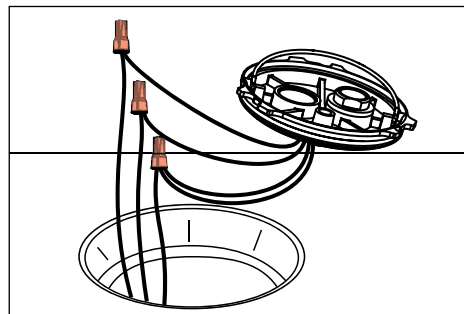
OPTIONAL GROUT MASK INSTALLATION (IF ORDERED)

9. **For concrete installation:** Fill the hole around the fixture housing to 12" below the finished grade with clean fill dirt and tamp carefully to prevent settling of fixture. Pour concrete and finish as required flush with the top surface of the grout mask.

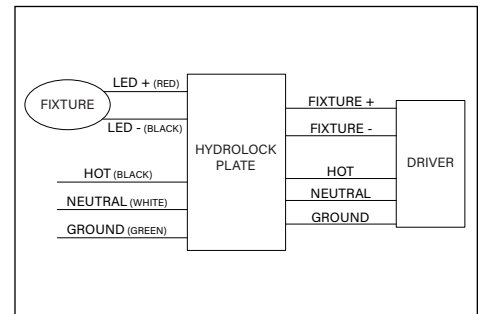
Installation



1. Remove temporary cover.



2. Make watertight connections using waterproof wire connectors (included) to leads on the bottom of Patented HydroLock Barrier Plate Assembly. **See wiring diagram.**



WIRING DIAGRAM

- Non-Dimming
- INC Dimming
- ELV Dimming

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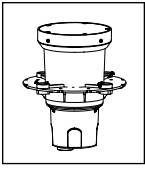


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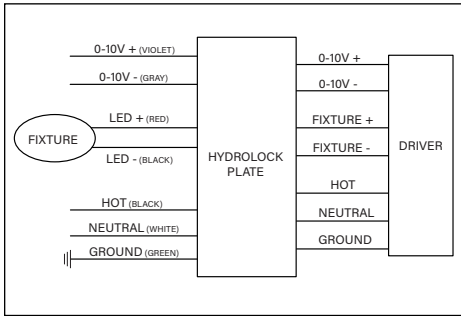
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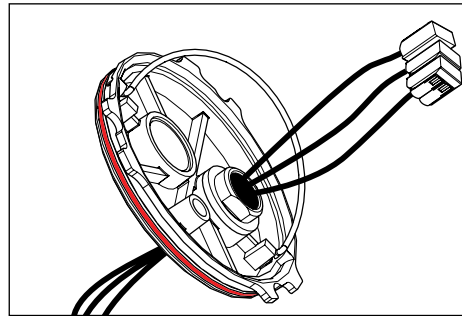
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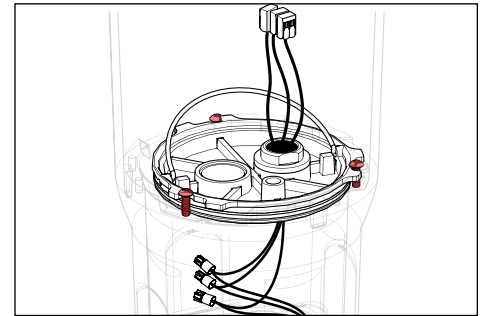


WIRING DIAGRAM

- 0-10V Dimming

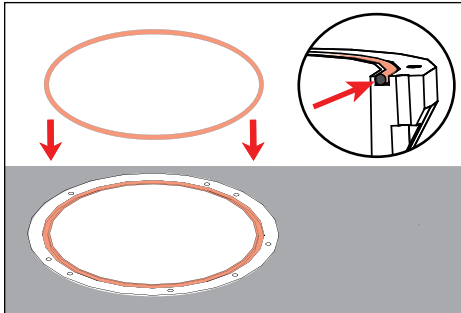


3. Wipe inside of housing where HydroLock plate will sit clean of debris before inserting patented HydroLock plate on to junction box. Align HydroLock plate with pins in housing and seat it firmly in place.



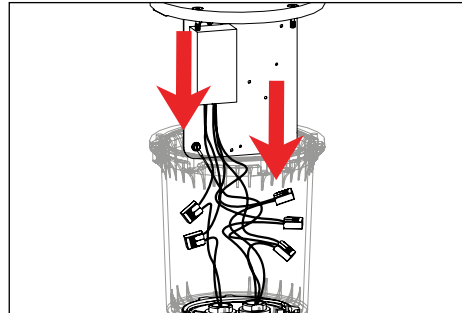
4. Turn HydroLock Barrier Plate clockwise ¼" to lock.

⚠ Patented HydroLock Barrier Plate must be completely seated to ensure proper seal or water may intrude. This step must be done as stated or you will void your warranty.

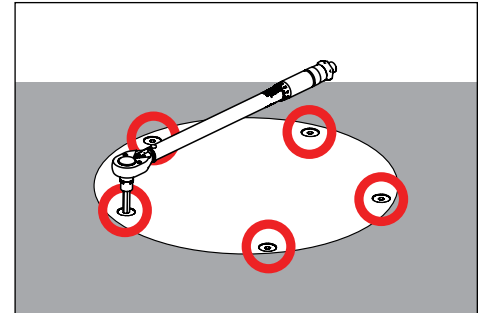


5. Remove any dirt or debris in o-ring groove near top of housing. Place o-ring inside of groove.

⚠ Failure to clean groove of debris will cause fixture to fail and void product warranty.



6. Make connections using wago connector to driver assembly and hydrolock plate wiring. To connect, lift the lever on the wago, insert the conductor into opening, then snap the lever back down. **Refer to wiring diagram**



7. Install faceplate using a 1/8" allen wrench and hand-tighten the faceplate screws in a star pattern to 30 in-lbs. min.

⚠ Do not use a power tool to install screws. Do not exceed 40 in-lbs.

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