HP2RM
LED/COLOR TUNING REMOTE DRIVER/TRANSFORMER HOUSING

Standard Instructions

Flammable	**Warning**	**High Voltage**	**Hot Surface**

TOOLS NEEDED:
- 1/8" Allen Wrench
- Waterproof Wire Connectors (Required)
- 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.
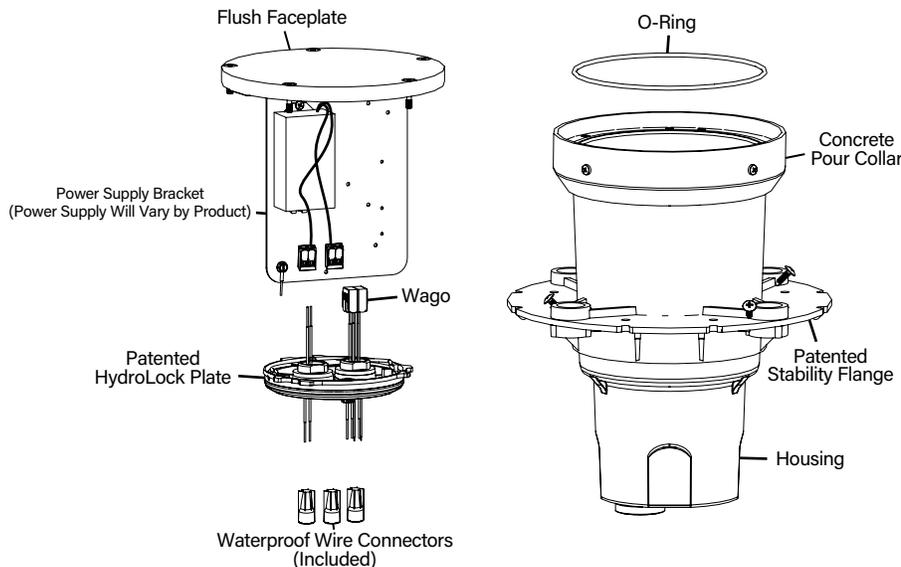
SAVE THESE INSTRUCTIONS

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 https://www.bklighting.com/wp-content/uploads/2024/09/digit.pdf for more information.

Flush Faceplate

Power Supply Bracket (Power Supply Will Vary by Product)

Wago

Patented HydroLock Plate

Waterproof Wire Connectors (Included)

O-Ring

Concrete Pour Collar

Patented Stability Flange

Housing

⚠ 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 WARNING

Any use of additional sealants or adhesives is strictly prohibited. Unauthorized modifications may compromise the integrity of the product and will void its warranty.

For any questions, issues, or technical support regarding an installation, please contact our technical support team for assistance before proceeding at (559) 438-5800.

This set of instructions works for:

DE-FL - Denali Floodlight
SA-FL - Saratoga Floodlight
YO-FL - Yosemite Floodlight
K2-FL - K2 Floodlight
AR-FL - Artistar Floodlight

MA-FL - Mammoth Floodlight
DE-WM - Denali Wall Mount
AR-WM - Artistar Wall Mount
DE-IN - Denali In-Grade

LED and Color Tuning

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

B-K LIGHTING

RELEASE DATE	REFERENCE NUMBER
12/22/2025	INS-2853-00

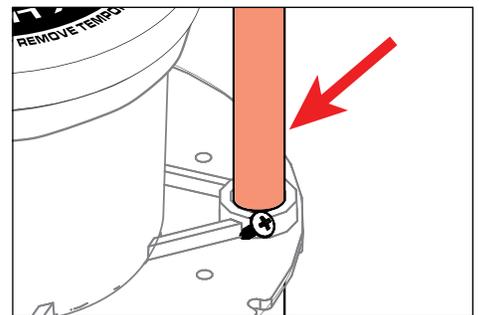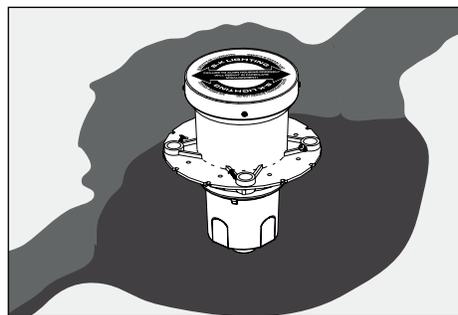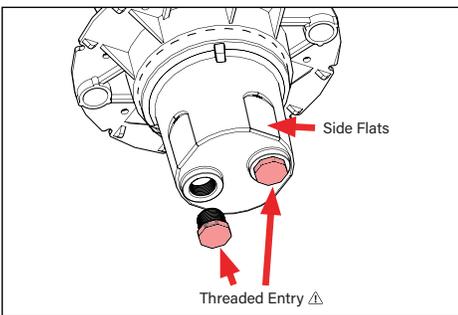*Standard Instructions*

Soil Prep

for Housing

Conduit Trench

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

Side Flats

Threaded Entry ⚠

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.

⚠ **Remove 3/4″ plug to install conduit connector. Any unused conduit entries should remain plugged.**

2. Place housing in hole. Align junction box in the path of the conduit trench.

3. Insert four (4) pieces of ½″ PVC/EMT conduit through the stability flange. Hammer into substrate until secure.

⚠ **Leave sufficient clearance to elevate housing to finished grade.**

Flush with finished grade
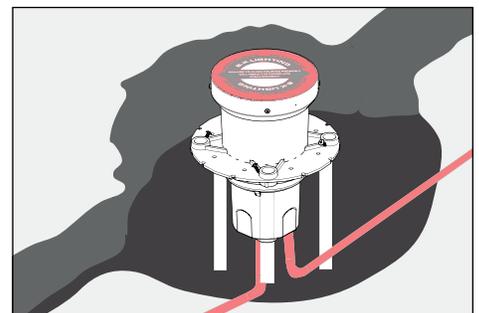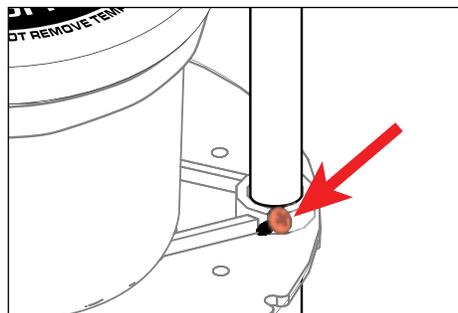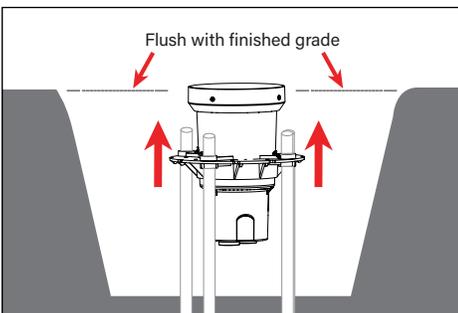
4. Raise housing on PVC/EMT so housing is flush with finished grade. Use a level to aid in housing installation.

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.

IMPORTANT SAFETY INFORMATION LISTED ON REVERSE
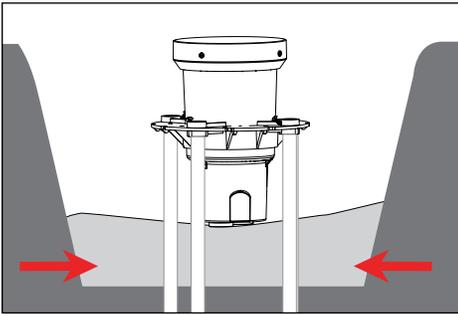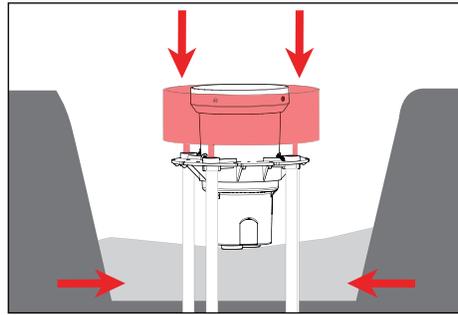## READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS
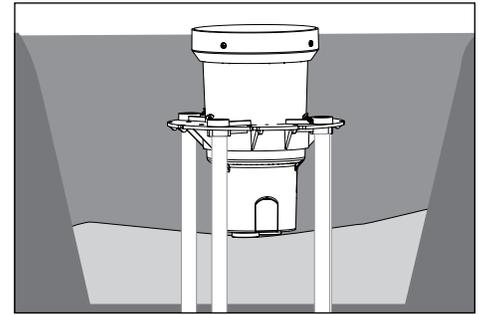
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Standard Instructions

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.
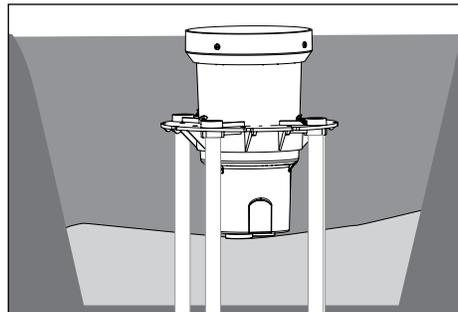
⚠ **Soil installation is not drive-over rated.**
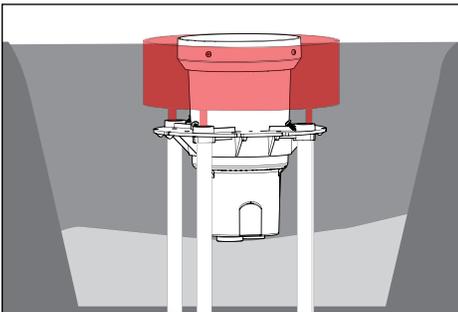
OPTIONAL GROUT MASK INSTALLATION (IF ORDERED)

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.
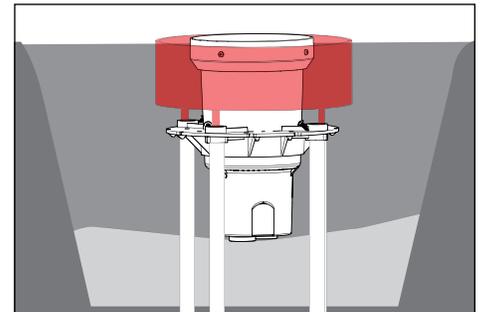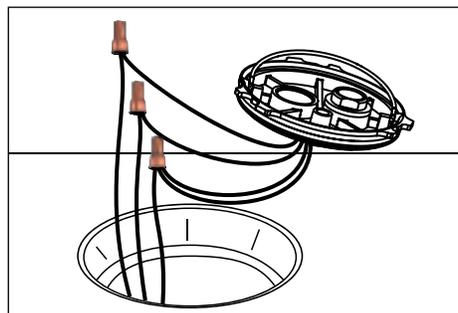

OPTIONAL GROUT MASK INSTALLATION (IF ORDERED)

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.
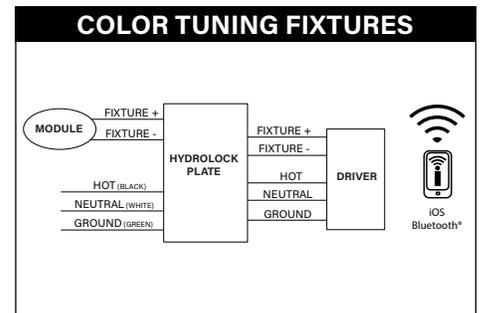
Installation

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.**

⚠ **Failure to use waterproof wire connectors will void warranty.**

COLOR TUNING FIXTURES

WIRING DIAGRAM - Wireless Bluetooth® Controls with Inspiration Application on iOS device

iOS device controls dimming, CCT, Saturation, and Hue using Bluetooth® wireless controls and the application.

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B-K LIGHTING

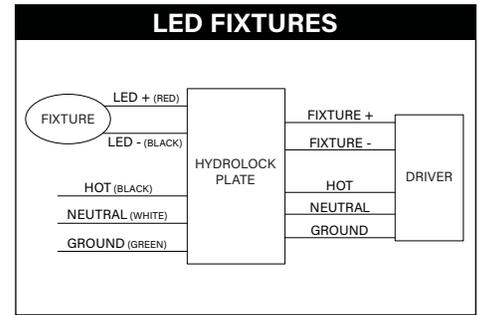| RELEASE DATE	REFERENCE NUMBER
12/22/2025	INS-2853-00

COLOR TUNING FIXTURES
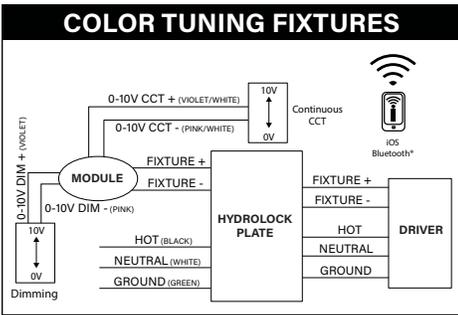
WIRING DIAGRAM - Hybrid

Secondary wiring from remote driver connects to fixture leads. 0-10V dimming connects to module. 0-10V Continuous CCT connects to module. iOS device controls Saturation and Hue.
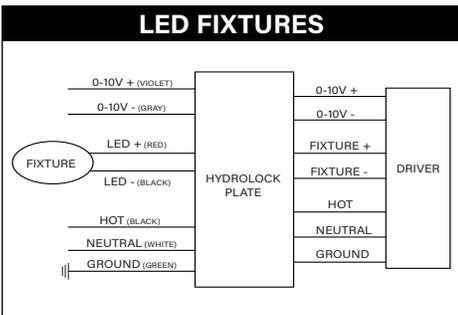
COLOR TUNING FIXTURES

WIRING DIAGRAM - 0-10V Wired

Secondary wiring from remote driver connects to fixture leads. 0-10V dimming connects to module. 0-10V Continuous CCT connects to module and controls CCT.
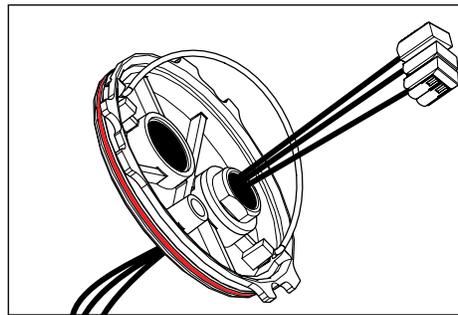
LED FIXTURES

WIRING DIAGRAM

- Non-Dimming
- INC Dimming
- ELV Dimming
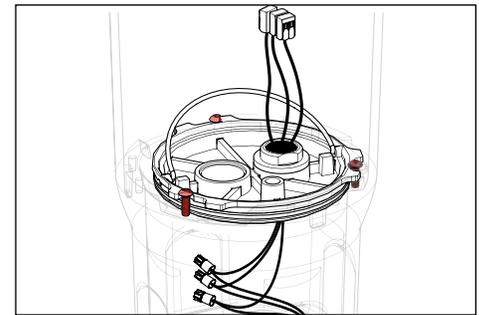- MLV Dimming

LED FIXTURES


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.**
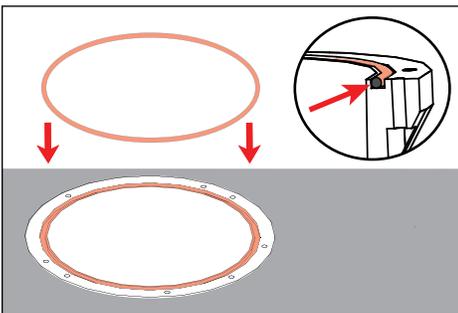

5. Remove any dirt or debris in o-ring groove near top of housing. Place o-ring inside of groove.

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

⚠ NOTE: See warning on page 1. Failure to comply with requirements will void warranty.
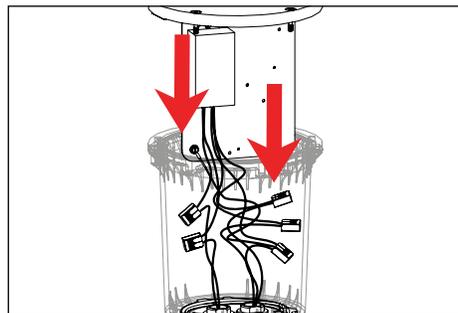
6. Make connections using wago connector to driver assembly and hydrolock plate wiring. To connect, lift the lever on the wago, insert the conductor into opening, then snap the lever back down. **Refer to wiring diagram**
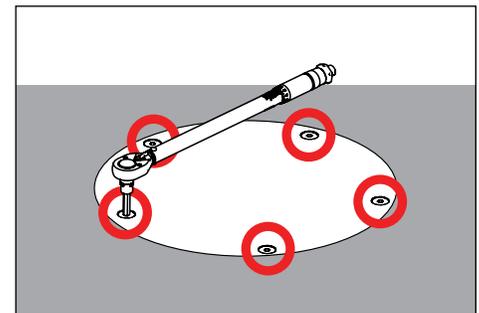
7. Install faceplate using a 1/8" allen wrench and hand-tighten the faceplate screws in a star pattern to 30 in-lbs. min.

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

⚠ NOTE: See warning on page 1. Failure to comply with requirements will void warranty.

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For HP2 Remote Transformer

⚠ **Remove faceplate using a 1/8" allen wrench. Lift faceplate enough to access transformer breaker. Press to reset breaker then re-install faceplate.**

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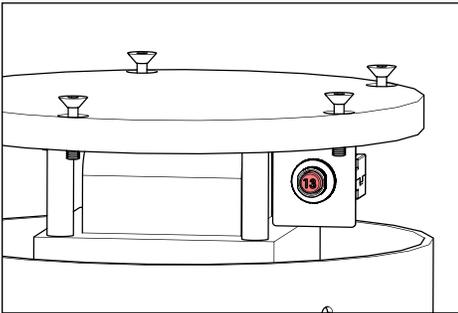| B-K LIGHTING | 40429 Brickyard Drive • Madera, CA 93636 • USA
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