



# PM2RM

## LED/COLOR TUNING REMOTE DRIVER/TRANSFORMER HOUSING - SURFACE MOUNT

### Standard Instructions



Flammable



Warning



High Voltage



Hot Surface

#### TOOLS NEEDED:

- 5/64" Allen Wrench
- Waterproof Wire Connectors
- Hammer
- Phillips Screwdriver
- 1/4" drill bit and drill
- Mounting hardware

### 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

#### REMOTE WIRING

##### LED Transformer/Driver

Remote transformer/driver installations require interconnected wiring between the LED and transformer/driver (not included). Transformer/Driver have specific wiring requirements between these components. Transformer/Driver manufacturers regularly recommend the following wiring details for such installations:

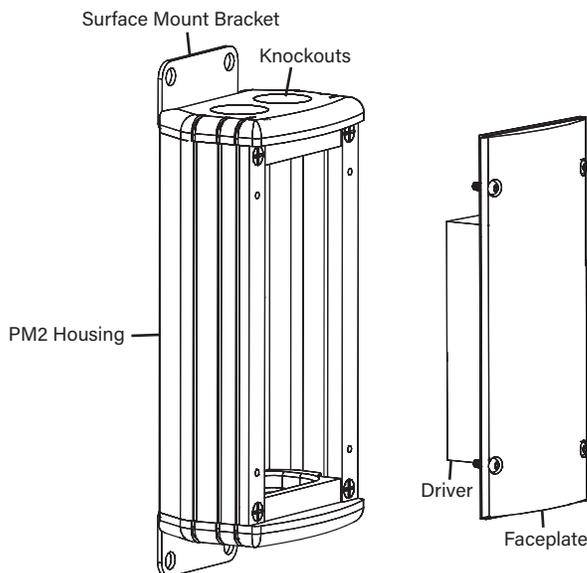
- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

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

#### This set of instructions works for:

- DE-FL - Denali Floodlight
- SA-FL - Saratoga Floodlight
- AR-FL - Artistar Floodlight
- NS-FL - Nite Star Floodlight
- MN-FL - Micro Nite Floodlight
- MM-FL - Mini-Micro Floodlight
- DE-IN - Denali In-Grade
- AR-WM - Artistar Wall Mount

**LED, Color Tuning, and MR**



\*UPM is covered in whole or in part by US patent #6,940,012

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

# B-K LIGHTING

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RELEASE DATE  
05/23/2024

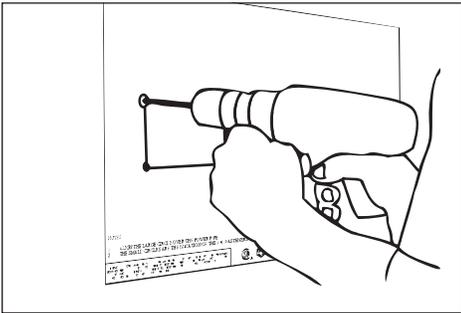
REFERENCE NUMBER  
INS-2540-00

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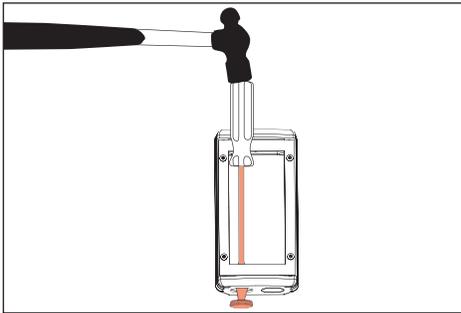


Standard Instructions

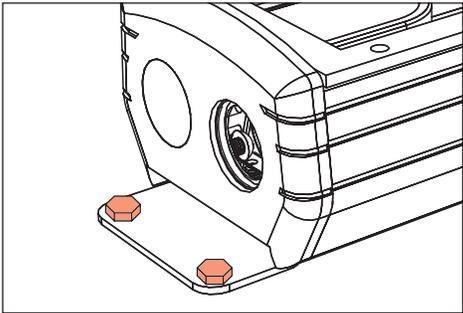
⚠️ iOS device (Not Included) with installed B-K Lighting Inspiration Application required for use.



- 1. Prepare final mounting position according to designed lighting plan.
- 2. Drill holes into surface for 1/4" fasteners on locations needed.



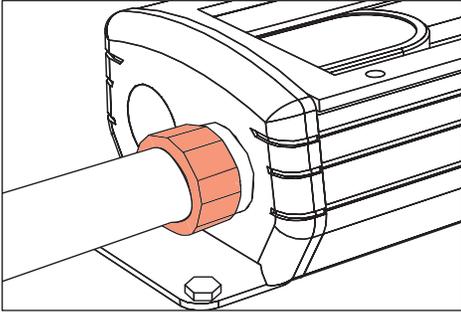
- 3. Remove Patented Knockout(s) as necessary from the inside of the UPM housing for branch circuit wiring and fixture leads to remote mounted fixture. Leave remaining unused knockouts in place to maintain seal.



- 4. Attach the UPM housing at mounting brackets with 1/4" fasteners. Use suitable mounting hardware for surface.

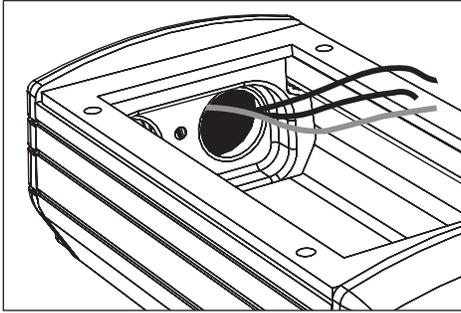
⚠️ NOTE: Patented design featuring a silicone 'O' Ring allowing knockout to be tapped back into place to renew seal integrity.

⚠️ NOTE: Many methods exist to bolt to a flat surface. The fixture is provided with mounting brackets with 1/4" holes.

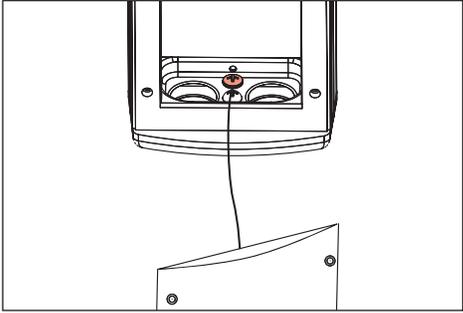


- 5. Connect 1/2" conduit connector through female threaded conduit entry.

⚠️ NOTE: Surface conduit is a common entrance for water if not properly sealed. Seal connector threads and conduit with a suitable sealant (teflon tape, adhesive, etc.). Sealing the conduit after knockouts are removed is required to maintain warranty.

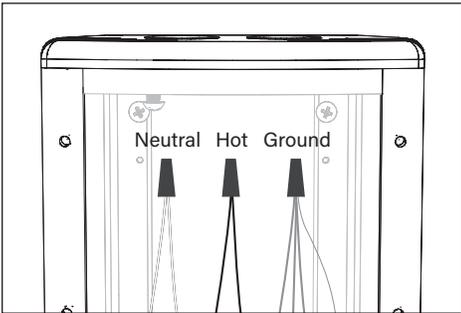


- 6. Pull branch circuit wiring necessary for installation.

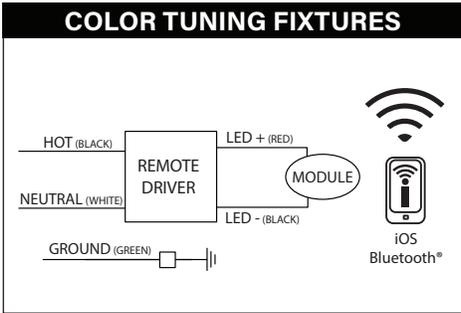


- 7. Attach tether wire under screw head at the base of the UPM housing and tighten. Slowly lower the faceplate until the tether is taut.

⚠️ NOTE: Faceplate tether supplied with UPM is designed as an installation aid and NOT a safety cable. Do not add weight to, or drop faceplate.



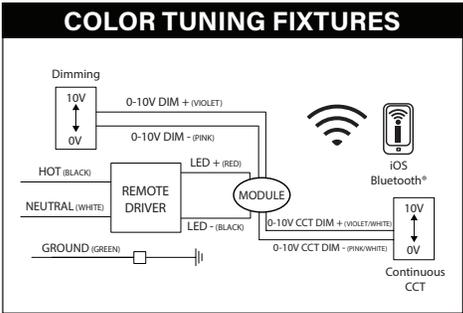
- 8. Use waterproof wire connectors (not included) to connect driver primary leads to branch circuit wires. Connect incoming ground and driver ground to ground wire provided in UPM housing. See wiring diagram.



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.

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



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.

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

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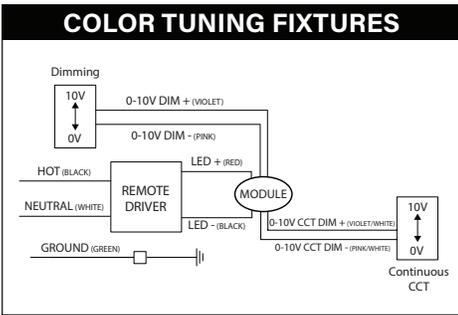


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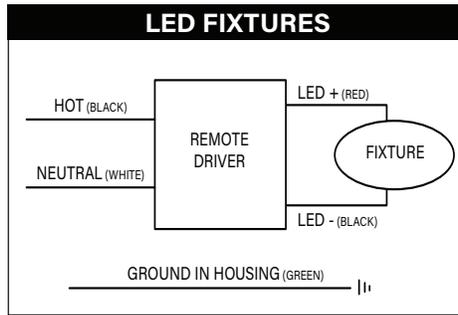
**⚠️ iOS device (Not Included) with installed B-K Lighting Inspiration Application required for use.**



**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.

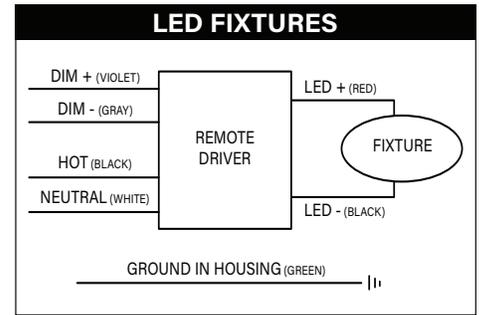
**⚠️ NOTE: See driver warning on page 1. Failure to comply with wiring requirements will void warranty.**



**WIRING DIAGRAM - INC Control Type**

Use waterproof wire connectors (not included) to connect driver primary leads to branch circuit wires. Connect incoming ground to ground wire provided in UPM housing. Connect secondary leads to fixture leads. **See wiring diagram.**

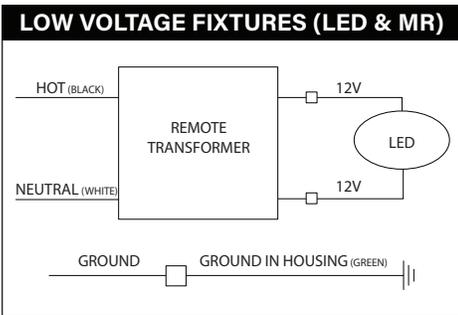
**⚠️ NOTE: See driver warning on page 1. Failure to comply with wiring requirements will void warranty.**



**WIRING DIAGRAM - 010 Control Type**

Use waterproof wire connectors (not included) to connect driver primary leads to branch circuit wires. Connect incoming ground to ground wire provided in UPM housing. Connect incoming dimming control wires to driver dimming controls. Connect secondary leads to fixture leads. **See wiring diagram.**

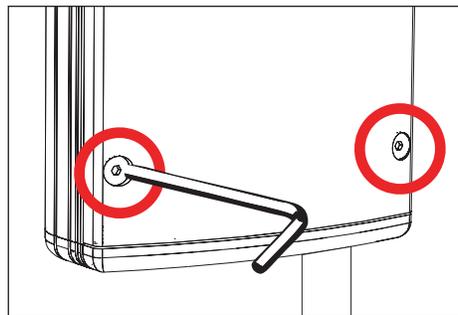
**⚠️ NOTE: See driver warning on page 1. Failure to comply with wiring requirements will void warranty.**



**WIRING DIAGRAM**

Pull secondary leads into UPM housing and connect to transformer secondary leads using waterproof wire connectors (not included). **See wiring diagram.**

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



9. Make sure UPM housing gasket is free of any dirt or debris. Attach the faceplate by tightening the four (4) #6-32 captive screws evenly using a 5/64" allen wrench.

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