

# PM2RM

## LED/COLOR TUNING REMOTE DRIVER/TRANSFORMER HOUSING - ROUND CAMLOCK

### Standard Instructions



Flammable



Warning



High Voltage



Hot Surface

#### TOOLS NEEDED:

- 1/8", 5/64" & 9/64" Allen Wrench
- Waterproof Wire Connectors
- Phillips Screwdriver
- Level

### 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 • Additionally suitable for mounting within 4 ft. of the ground

#### 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:

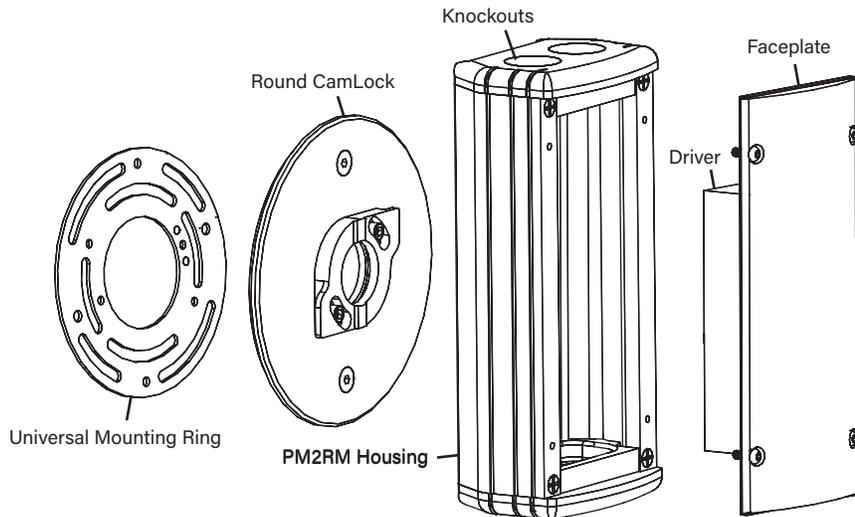
- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

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

#### 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

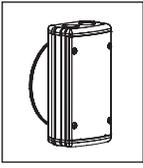
# B-K LIGHTING

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RELEASE DATE  
05/23/2024

REFERENCE NUMBER  
INS-2538-01

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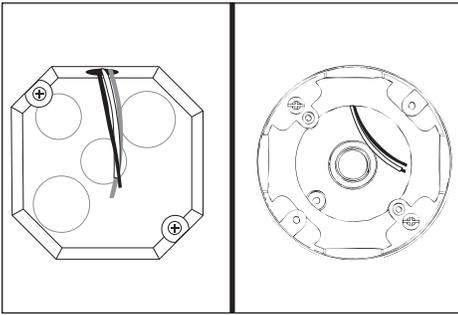


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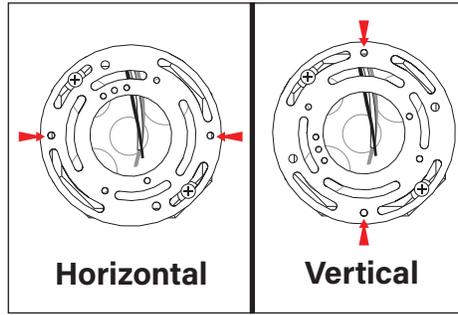
## LED/COLOR TUNING REMOTE DRIVER/TRANSFORMER HOUSING - ROUND CAMLOCK

### Standard Instructions

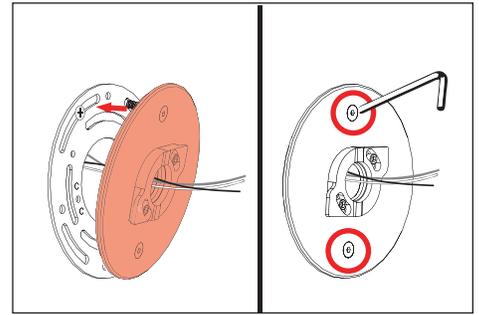
**⚠️ iOS device (Not Included) with installed B-K Lighting Inspiration Application required for use.**



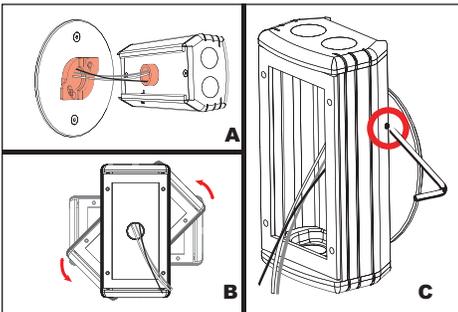
1. Install standard 4" octagonal/round recessed junction box in the final fixture location according to designed lighting plan.
2. Pull branch circuit wiring necessary for installation.



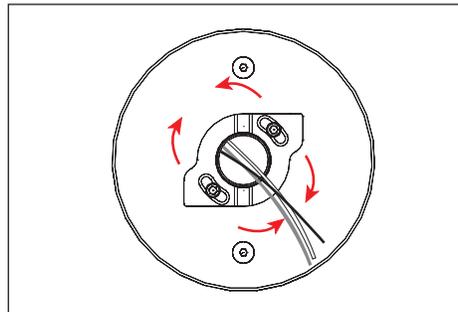
3. Install universal mounting ring.
- ⚠️ IMPORTANT! Orientation of universal ring will affect orientation of UPM! Take note of mounting plate holes (indicated with arrows) on the universal ring holes to mount UPM in correct orientation.**



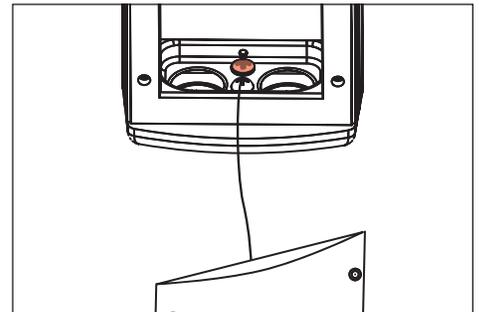
4. Feed branch circuit wiring and lamp leads to remote mounted fixture through mounting plate with CamLock assembly. Attach mounting plate with supplied two (2) #10-24 stainless steel hex drive fasteners to universal ring using a 1/8" allen wrench.



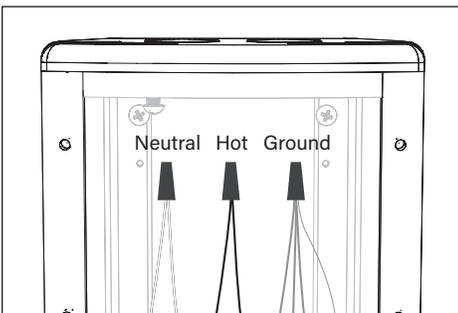
5. Feed branch circuit wiring into UPM housing. Install housing on CamLock at 90° to finished orientation as shown. (Figure A)
6. Rotate housing 90° counter-clockwise (Figure B). Tighten set screw with a 5/64" allen wrench on outside of UPM housing to lock in place. (Figure C)



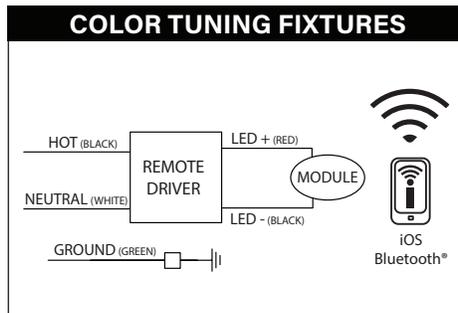
7. If UPM housing is not level, remove UPM housing; loosen but **DO NOT REMOVE** two (2) #8-32 screws with a 9/64" allen wrench on CamLock assembly. Adjust CamLock assembly up to 30° as needed to level. Tighten the screws and reattach UPM housing.



8. Attach tether wire under screw head at the base of the UPM housing. Slowly lower the faceplate until 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.**



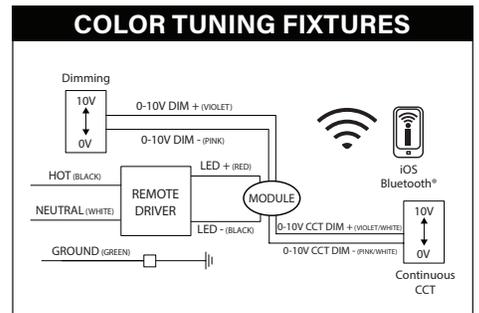
9. Use waterproof wire connectors (not included) to connect driver primary leads to branch circuit wires. Connect incoming ground and driver ground to ground wire provided in UPM housing. **See wiring diagram.**



**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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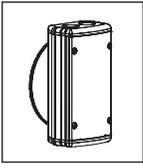


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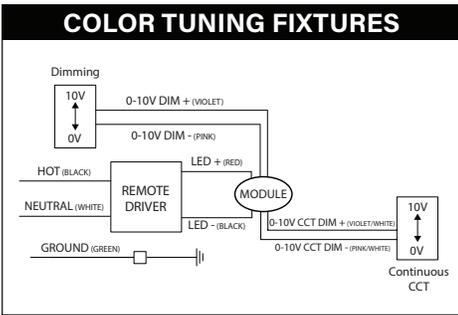
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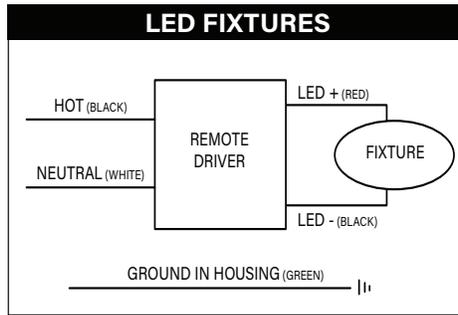
**⚠️ iOS device (Not Included) with installed B-K Lighting Inspiration Application required for use.**



**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.

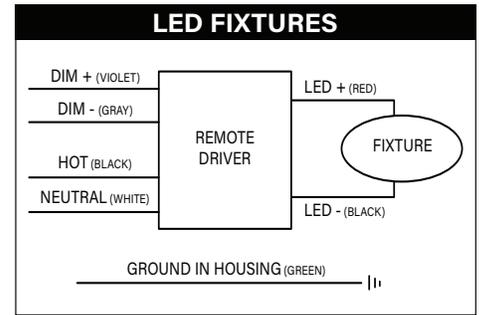
**⚠️ NOTE: See driver warning on page 1. Failure to comply with wiring requirements will void warranty.**



**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.**

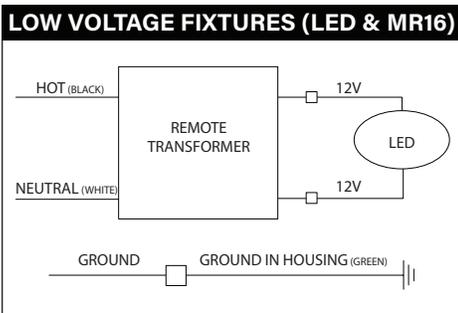
**⚠️ NOTE: See driver warning on page 1. Failure to comply with wiring requirements will void warranty.**



**WIRING DIAGRAM - 010 Control Type**

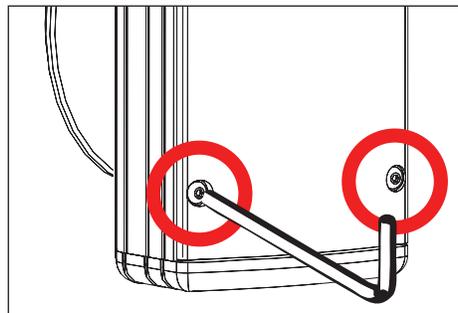
Use waterproof wire connectors (not included) to connect driver primary leads to branch circuit wires. Connect incoming ground to ground wire provided in UPM housing. Connect incoming dimming control wires to driver dimming controls. Connect secondary leads to fixture leads. **See wiring diagram.**

**⚠️ 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.**



10. 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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