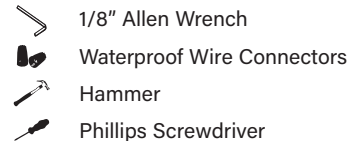


## Standard Installation



### TOOLS NEEDED:



**IMPORTANT - WEAR GLOVES TO AVOID GETTING FINGERPRINTS ON THIS PRODUCT. MANY TEKA ILLUMINATION PRODUCTS ARE DESIGNED TO NATURALLY PATINA. OILS FROM YOUR SKIN WILL ACCELERATE THIS PROCESS WHERE TOUCHED AND ARE NEARLY IMPOSSIBLE TO REMOVE. THIS PROCESS OCCURS OVER TIME AND IS DETERMINED BY THE INSTALLATION ENVIRONMENT.**

## 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



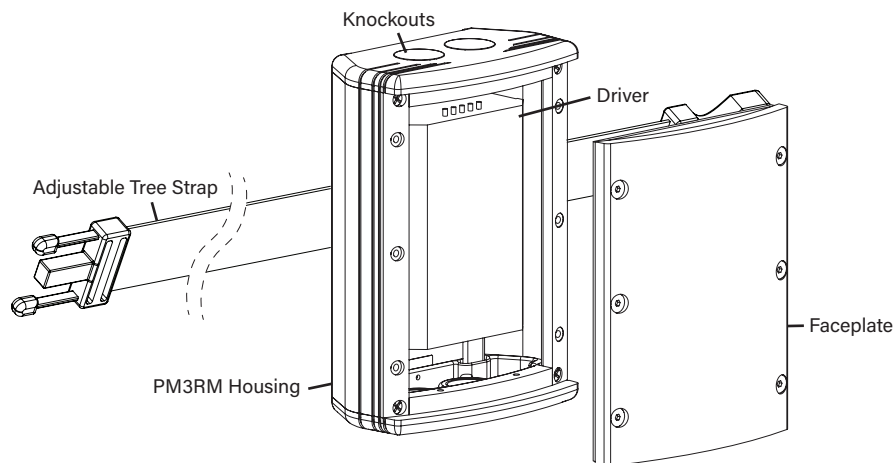
### REMOTE WIRING

#### **LED 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.**



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

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

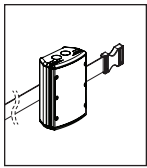
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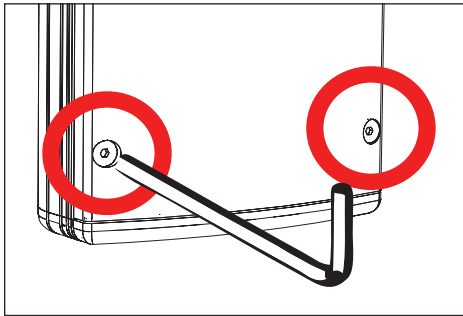
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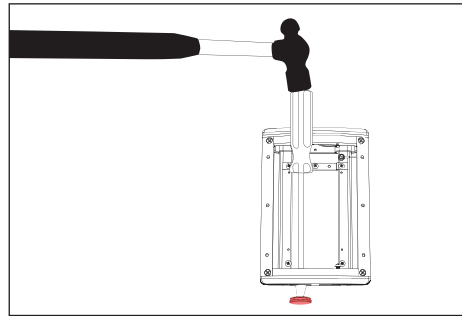
## Standard Installation

# PM3RM

## DRIVER HOUSING - TREE STRAP

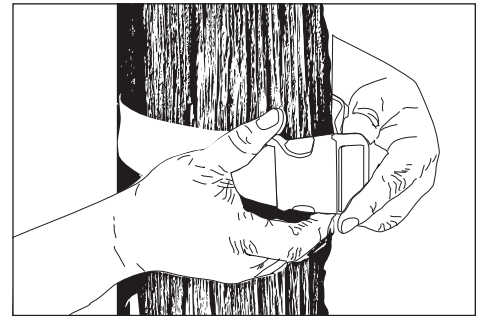


1. Loosen six (6) #10-24 captive screws using a 1/8" allen wrench to remove faceplate of UPM housing.

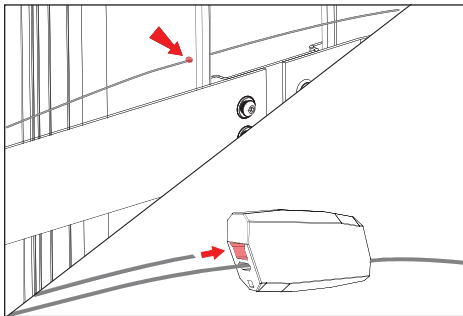


2. Remove patented knockout(s) as necessary from the inside of the UPM housing. Leave remaining unused knockouts in place to maintain seal.

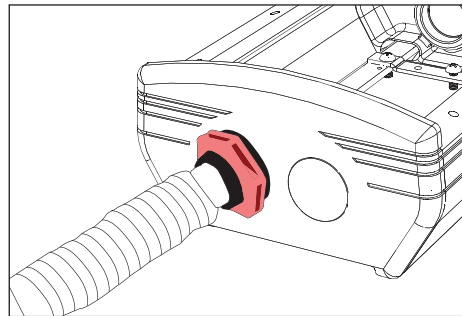
**NOTE:** Patented design featuring a silicone o-ring allowing knockout to be tapped back into place to renew seal integrity.



3. Use adjustable strap provided to attach UPM housing to tree. Tighten by pulling on the adjustable strap until secure.

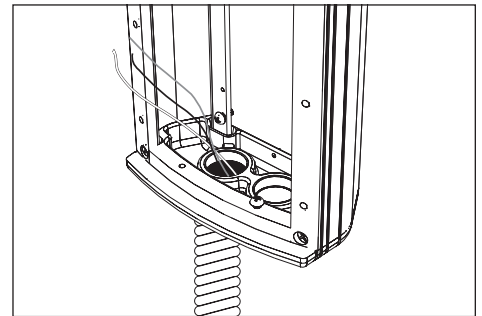


4. Thread safety cable through hole on the back of the UPM housing. Feed safety cable through opposing ends of the connector. Pull on wires to assure the connection is secure. Leave enough slack in safety cable for tree growth. Adjustments can be made by pressing release spring with a pin or a 3/64" allen tool.

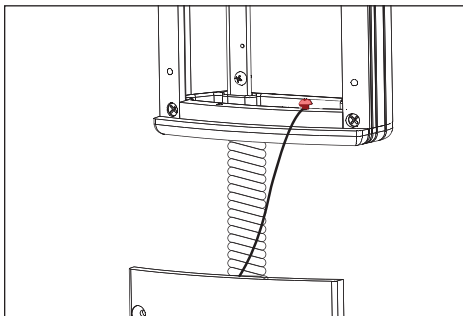


5. Connect 3/4" conduit connector through female threaded conduit entry.

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

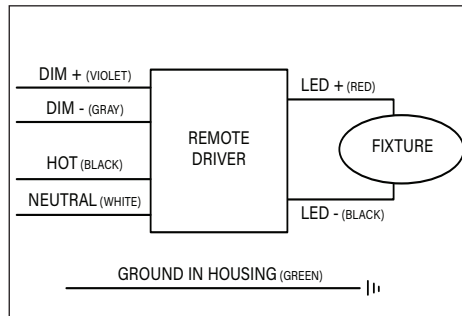


6. Pull branch circuit wiring and dimming control wiring necessary for installation.



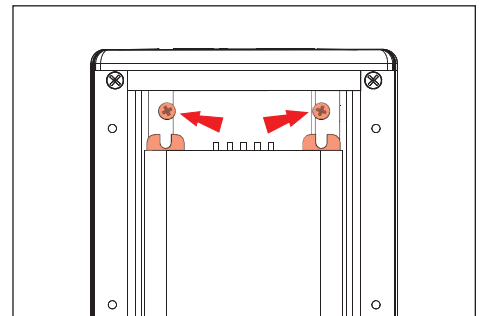
7. Attach tether wire under screw head at the base of the UPM housing and tighten. Slowly lower the faceplate until tether is taut.

**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.



### WIRING DIAGRAM

8. 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. See wiring diagram.



9. Remove two (2) #8-32 screws in UPM housing using phillips screwdriver.

**IMPORTANT SAFETY INFORMATION LISTED ON REVERSE  
READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS**

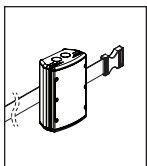


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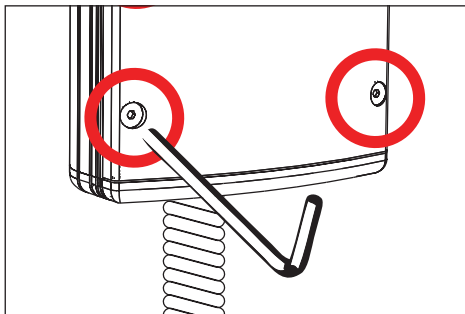
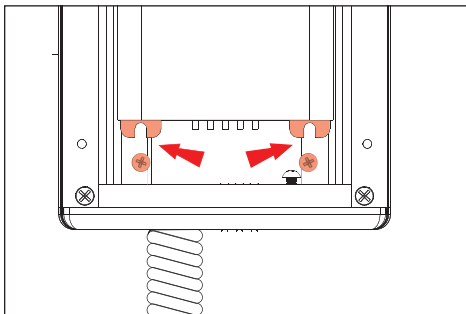
REFERENCE NUMBER  
INS-2693-00



## Standard Installation

# PM3RM

## DRIVER HOUSING - TREE STRAP



10. Slide driver feet under two screws in UPM housing and tighten screws using phillips screwdriver.
11. Reinstall #8-32 screws on other side of driver and tighten to secure driver to UPM housing.
12. Make sure UPM housing gasket is free of any dirt or debris. Attach the faceplate by tightening the six (6) #10-24 captive screws evenly using a 1/8" allen wrench.

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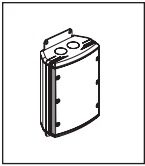


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# PM3RM

## DRIVER HOUSING - SURFACE MOUNT

### Standard Installation



Flammable



Warning



High Voltage



Hot Surface

#### TOOLS NEEDED:

- 1/8" 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:

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- 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



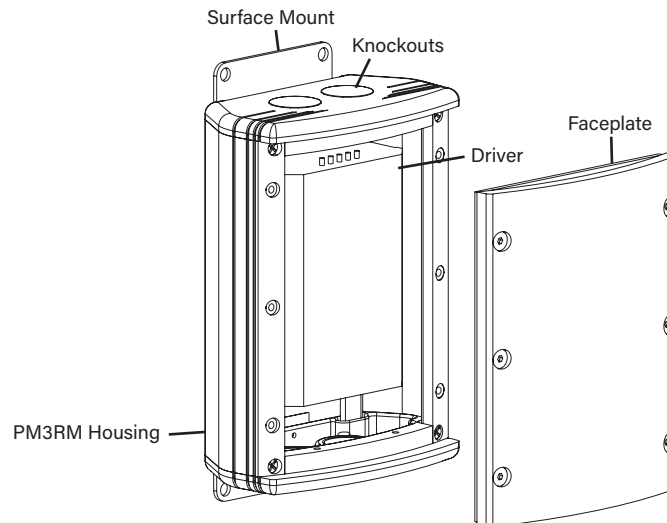
#### REMOTE WIRING

#### LED 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.**



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

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

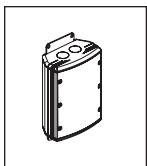
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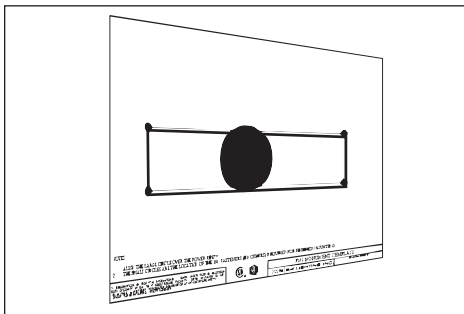
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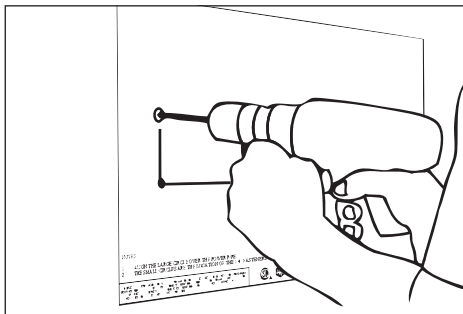
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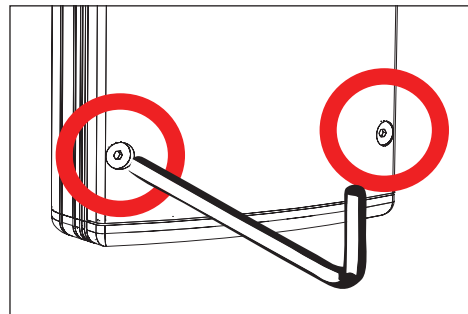
### Standard Installation



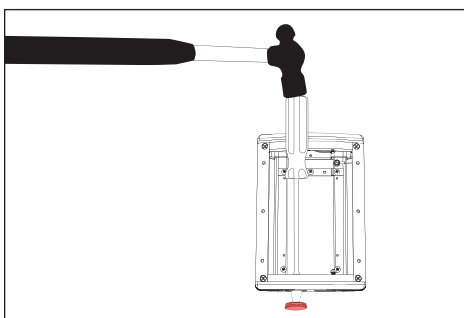
1. Prepare final mounting position according to designed lighting plan.



2. Drill holes into surface for 1/4" fasteners on locations required for mounting via tabs.

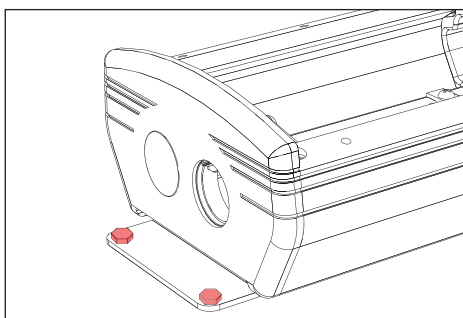


3. Loosen six (6) #10-24 captive screws using a 1/8" allen wrench to remove faceplate of UPM housing.



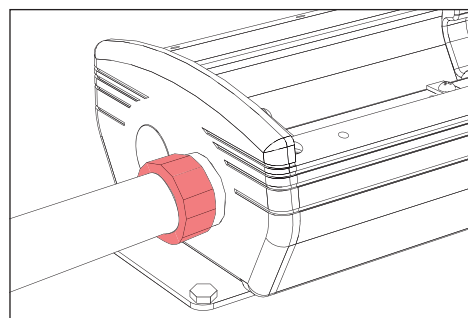
4. Remove patented knockout(s) as necessary from the inside of the UPM housing. Leave remaining unused knockouts in place to maintain seal.

**NOTE:** Patented design featuring a silicone 'o' ring allowing knockout to be tapped back into place to renew seal integrity.



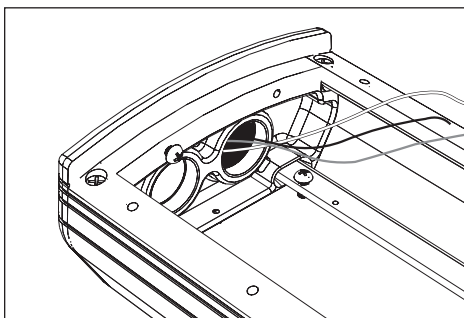
5. Attach the UPM housing at mounting brackets with 1/4" fasteners. Use suitable mounting hardware for surface.

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

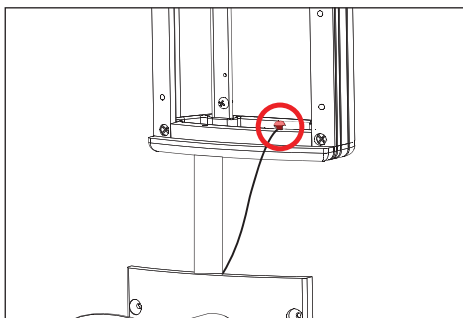


6. Connect 3/4" conduit connector through female threaded conduit entry.

**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.

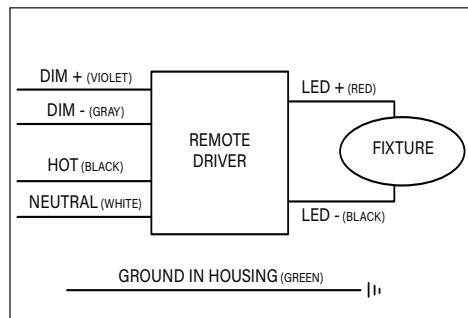


7. Pull branch circuit wiring and dimming control wiring necessary for installation.



8. Attach tether wire under screw head at the base of the UPM housing and tighten. 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.



### WIRING DIAGRAM

9. Use waterproof wire connectors (By Others) 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. See wiring diagram.

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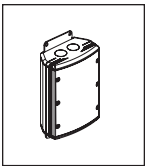


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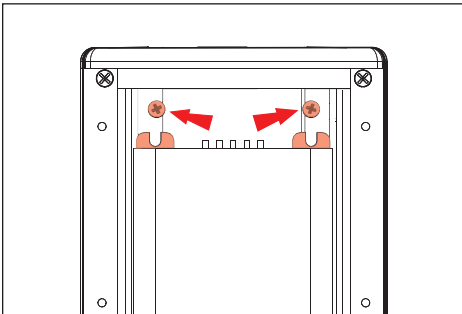
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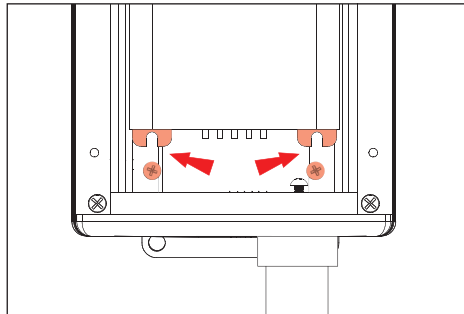
## Standard Installation

# PM3RM

## DRIVER HOUSING - SURFACE MOUNT

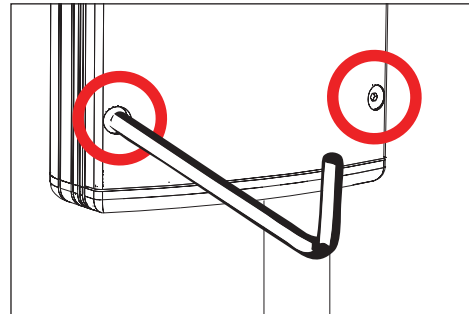


10. Remove two (2) #8-32 screws in UPM housing using phillips screwdriver.



11. Slide driver feet under two screws in UPM housing and tighten screws using phillips screwdriver.

12. Reinstall two (2) #8-32 screws on other side of driver and tighten to secure driver to UPM housing.



13. Make sure UPM housing gasket is free of any dirt or debris. Attach the faceplate by tightening the six (6) #10-24 captive screws evenly using a 1/8" allen wrench.

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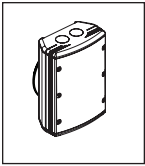


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# PM3RM

## DRIVER HOUSING - ROUND CAMLOCK

### Standard Installation



Flammable



Warning



High Voltage



Hot Surface

#### TOOLS NEEDED:

- 1/8" & 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:

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- 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

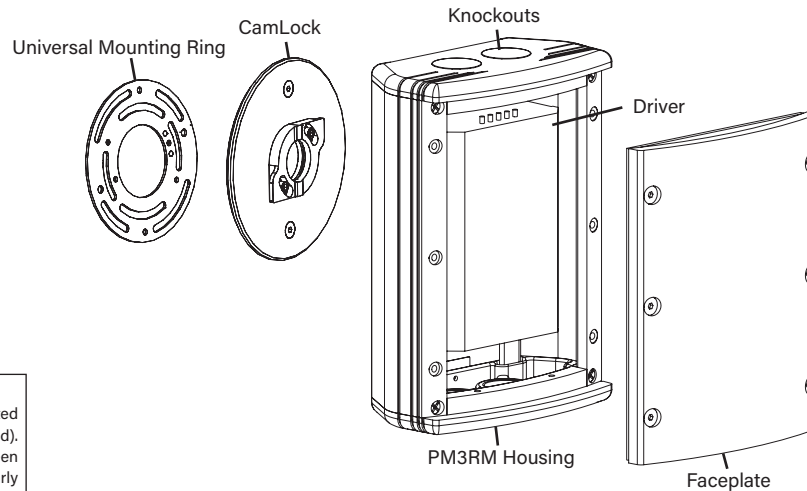
#### REMOTE WIRING

##### LED 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.**



\* 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

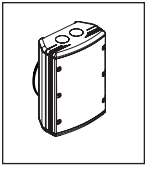
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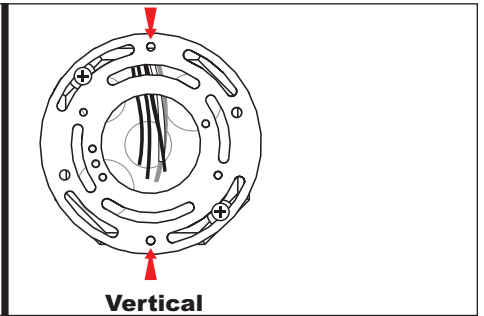
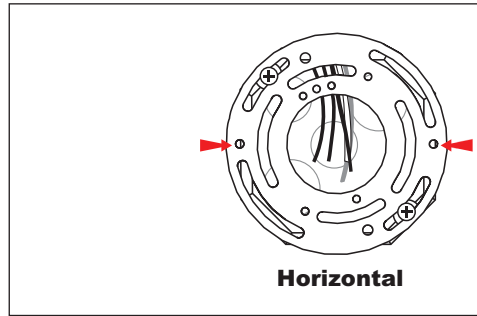
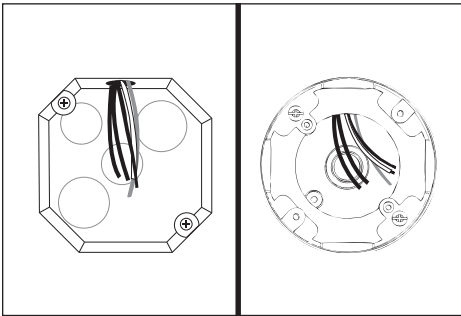
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## Standard Installation

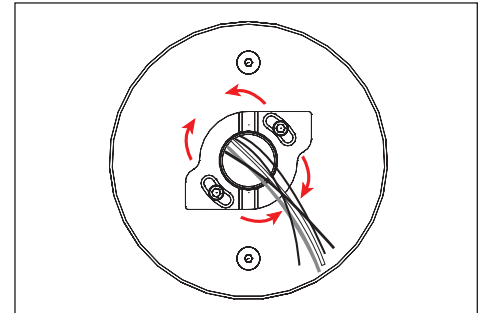
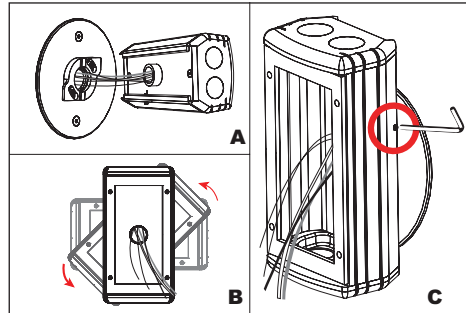
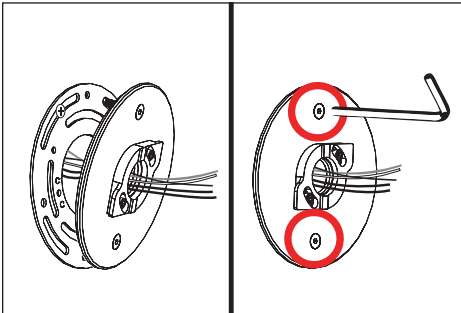
# PM3RM DRIVER HOUSING - ROUND CAMLOCK



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

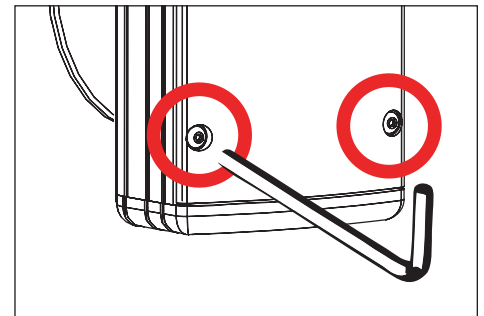
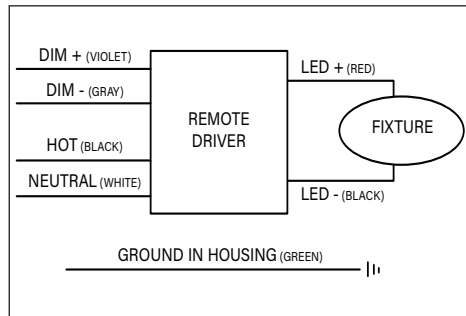
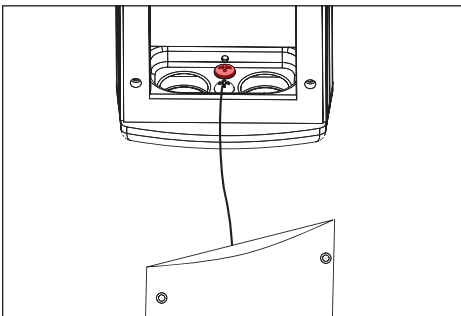


4. Feed branch circuit wiring and dimming control wiring through mounting plate with CamLock assembly. Attach mounting plate with supplied two (2) #10-24 stainless steel hex drive fasteners to universal ring using a 1/8" allen wrench.

5. Feed branch circuit wiring and dimming control 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.

### WIRING DIAGRAM

9. 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. See wiring diagram.

10. Make sure UPM housing gasket is free of any dirt or debris. Attach the faceplate by tightening the six (6) #10-24 captive screws evenly using a 1/8" allen wrench.

**IMPORTANT SAFETY INFORMATION LISTED ON REVERSE  
READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS**



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