

Standard Installation



Flammable



Warning



High Voltage



Hot Surface

TOOLS NEEDED:	Waterproof Wire Connectors
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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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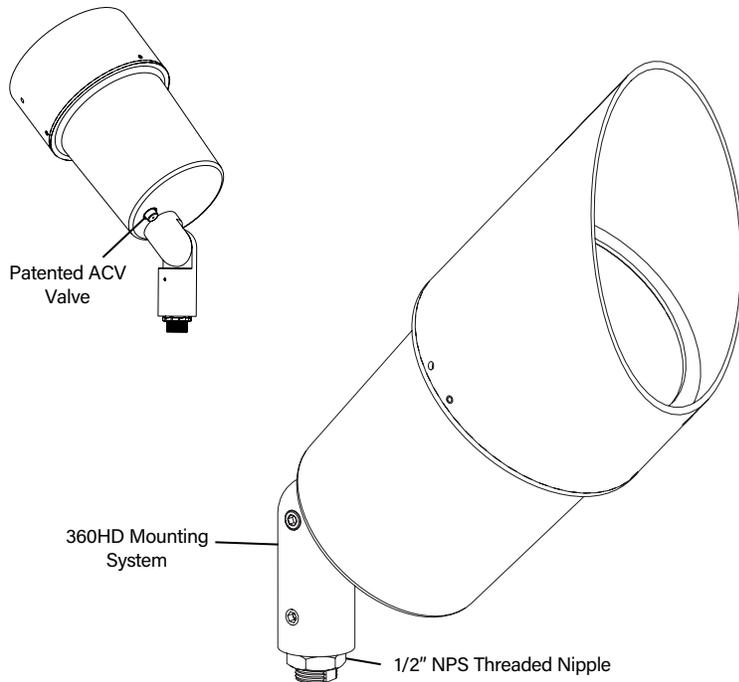
SAVE THESE INSTRUCTIONS

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.

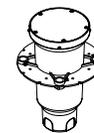
Failure to comply with specific wiring requirements will void product warranty.

DRIVER HOUSING REQUIRED

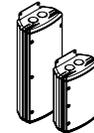
Please refer to specified remote driver housing documentation for detailed installation instructions.

REMOTE DRIVER HOUSINGS:

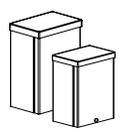
- HP2RM** - HP2 Remote Housing
- PM3RM** - Universal Power Module 3 Remote
- PM3DRM** - Universal Power Module 3 Dual Remote
- RM** - Remote Wall Mount
- DRM** - Dual Remote Wall Mount



HP2RM



PM3RM & PM3DRM



RM & DRM

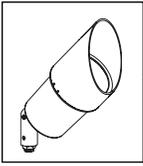
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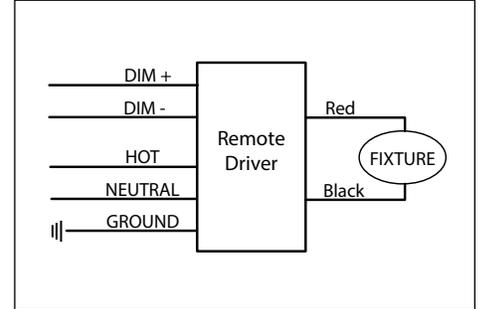
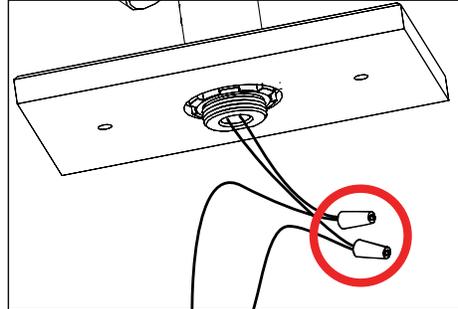
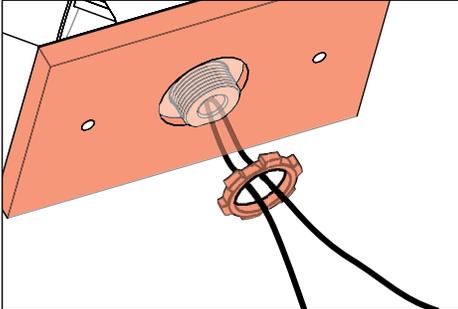
REFERENCE NUMBER
INS-2130-00



Standard Installation

K2
34W-57W LED - REMOTE

Fixture Installation



1. Mount fixture onto suitable enclosure according to designed lighting plan.
2. Secure 1/2" NPS stem to mounting option. Secure with provided locknut if applicable.

3. Make connections from remote power supply to fixture leads using proper wire connectors. See **wiring diagram**.

WIRING DIAGRAM

⚠ For use with 31-52 watt dimming driver.

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LED BOARD/OPTICS

K2

Standard Adjustment



Flammable



Warning



High Voltage

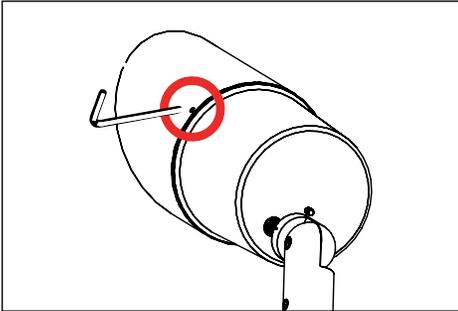


Hot Surface

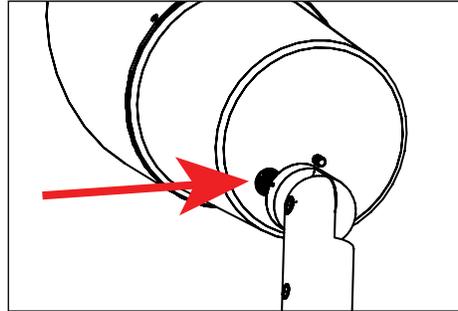
TOOLS NEEDED:

-  5/32" & 0.050" Allen Wrench
-  Phillips Screwdriver
-  Small Pick Tool
-  Thermal Paste (included)

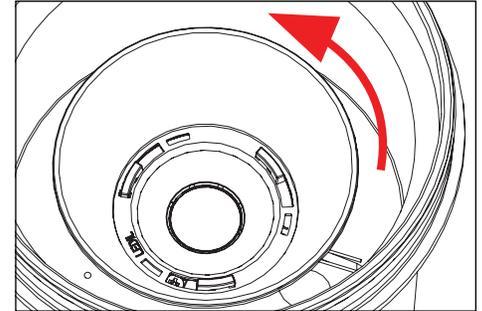
Replacing Components



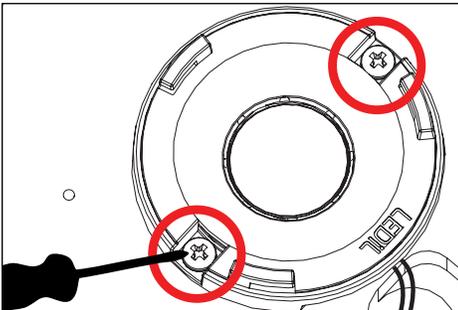
1. Loosen three (3) #10-32 stainless steel set screws on cap with a 5/32" allen wrench. Retain screws in cap.



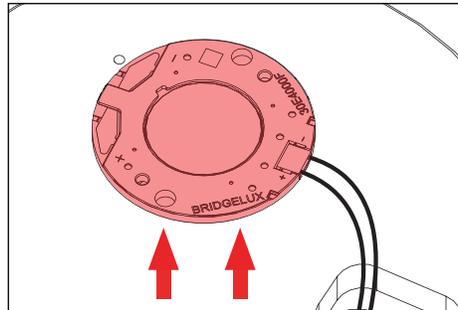
2. Press patented Anti-Condensation Valve (ACV) to release vacuum created inside the fixture during normal use. The valve is spring-loaded, by depressing it, air is allowed to re-enter the chamber and the pressure is then equalized. When the air-pressure equalizes the cap will release from body to allow service.



3. Remove optic by turning to the left to unlock optic from optic holder tabs, and lift up.

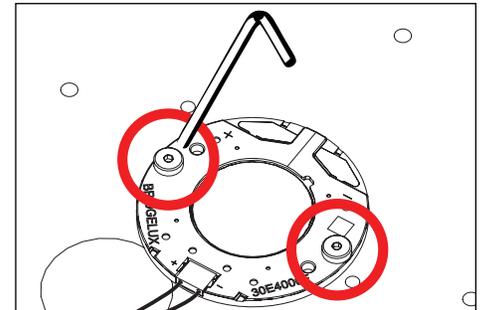


4. Use small phillips screwdriver to remove two (2) #4-40 fasteners on optic holder, then remove.

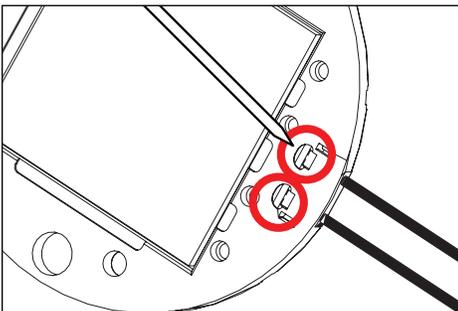


5. Carefully remove LED module from heatsink.

⚠ Do not pull on connector or wiring. Handle with care.

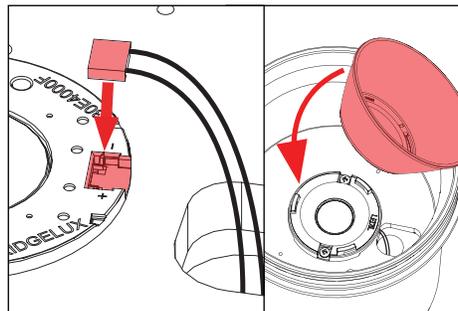


6. Spread thin, even layer of thermal paste on back of new LED module. Place new LED module onto heatsink, lining up module with holes for screws. Tighten two (2) #4-40 screws using a .050" allen wrench to secure LED module to heatsink.



7. Use small pick tool to push connector off LED board through two small slots behind connector. Once loose, lift connector upwards and off board.

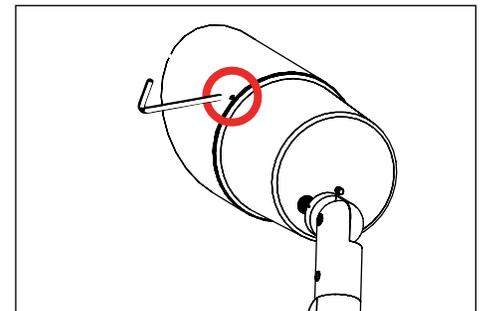
⚠ Do not pull on connector or wiring. Handle with care.



8. Place new LED module onto heatsink. Press connector straight downwards into slot on module to snap into place.

⚠ Connector will only fit in one direction.

9. Reverse install optic holder, and then optic.



10. Place cap on fixture and tighten set screw. Tighten screw to 1/2 in.-lbs. Top of screw should sit flush with fixture cap.

⚠ Warning: Do not over tighten set screw. Doing so will compromise o-ring seal and will void warranty. Cap should be able to rotate without force.

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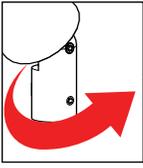
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Standard Adjustment

360HD KNUCKLE MOUNTING SYSTEM



Flammable



Warning



Hot Surface

TOOLS NEEDED:	 3/16" Allen wrench
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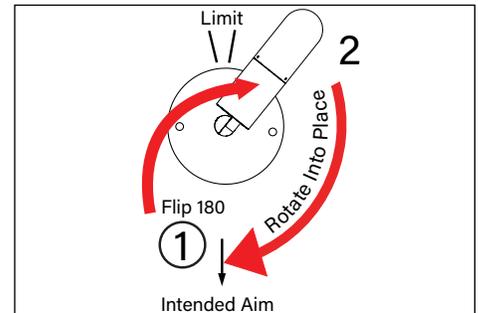
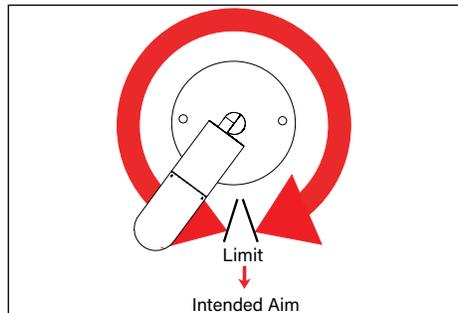
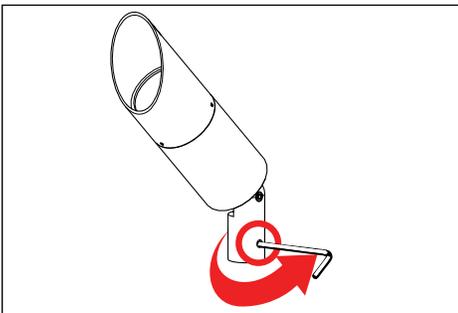
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- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
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IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet locations • Additionally suitable for mounting within 4 ft. of the ground

360HD Knuckle Mounting System



1. Use a 3/16" allen wrench to slightly loosen one (1) 3/8"-16 set screw on the knuckle for 360° aiming purpose.
2. Rotate fixture at base and aim fixture to desired horizontal location.
3. If the over-rotation protection pin is in the desired aiming position, do not force the fixture past the limit. Using a 3/16" allen wrench, slightly loosen both set screws in the knuckle, enough to move the fixture freely on both axes.
4. Flip the fixture 180 degrees over the knuckle. The rotational range limit will now be 180 degrees from the original position. Now rotate the fixture into the desired aiming position.
5. Secure aim by tightening one (1) 3/8"-16 set screw using a 3/16" allen wrench.

 **Rotating the cap may be necessary for proper weep hole and cutoff position**

 **Warning: Do not over tighten cap set screws. Doing so will compromise o-ring seal and will void warranty.**

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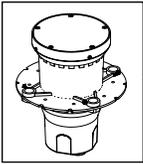
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HP2RM

REMOTE DRIVER - LED

Standard Instructions



Flammable



Warning



High Voltage



Hot Surface

TOOLS NEEDED:

- 1/8" Allen Wrench
- Waterproof Wire Connectors
- Level
- Phillips Screwdriver
- 7/8" Hole Saw

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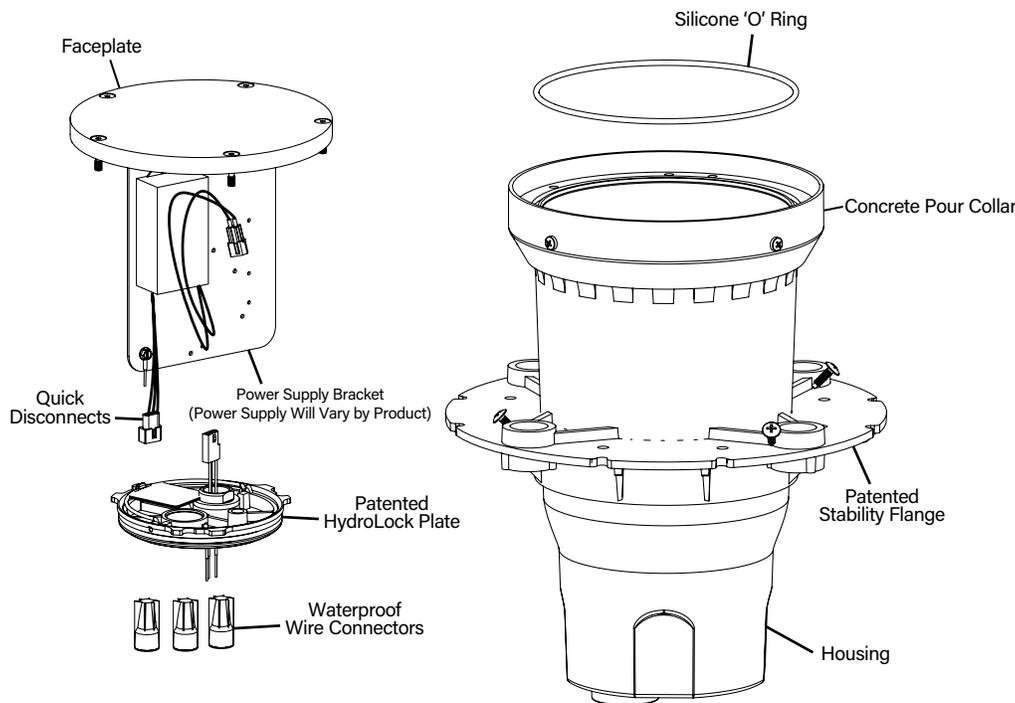
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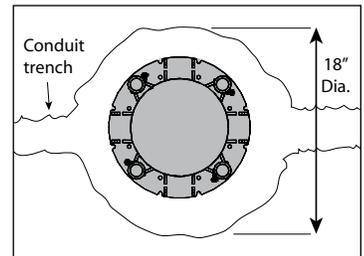
IMPORTANT LISTINGS AND CERTIFICATIONS

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

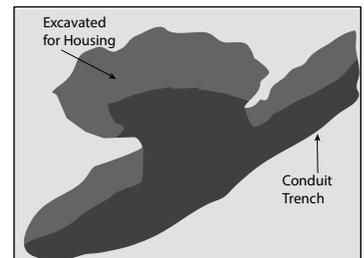
Proper soil preparation is recommended before installation. See the DIG-IT guide at www.bklighting.com/collaterals/install/digit.pdf for more information.



Soil Prep



- A. Determine Soil Type by referencing DIG-IT Guide.
- B. Dig hole 18" wide and 20" deep.



- C. Prep soil according to DIG-IT Guide.

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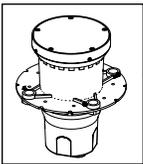
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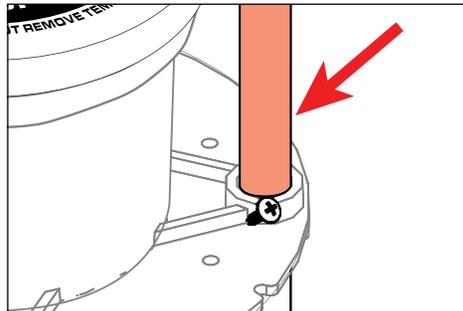
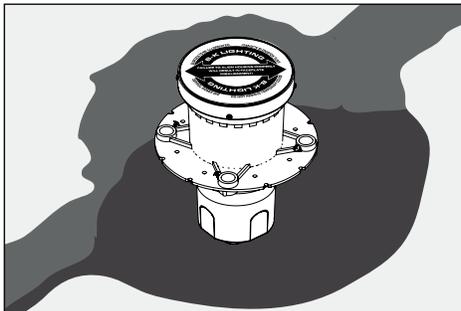
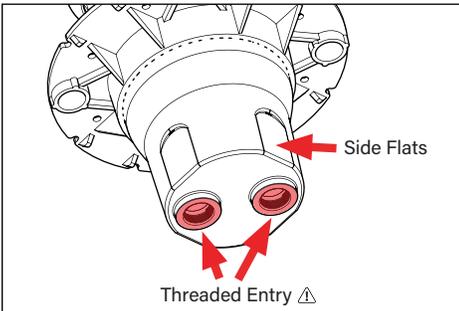
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Standard Instructions

HP2RM REMOTE DRIVER - LED

Housing Installation



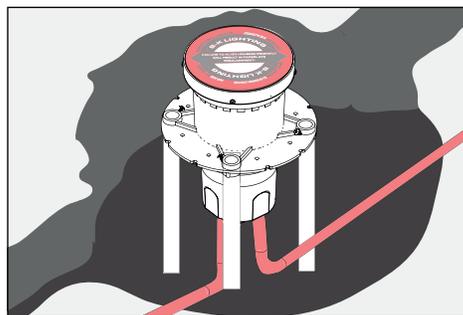
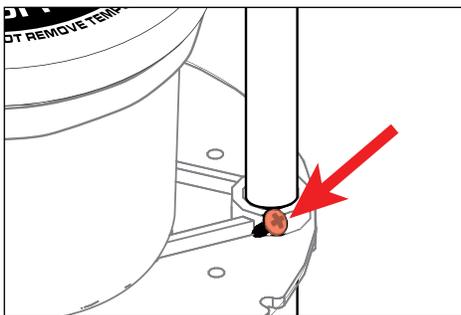
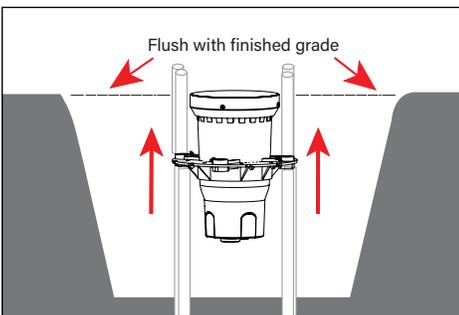
1. Connect branch conduit connectors (not included) to the junction box using either the threaded conduit entries on the bottom of the junction box or through holes drilled into the sides of the junction box.

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

3. Insert four (4) pieces of 1/2" EMT conduit through the stability flange. Hammer into substrate until secure.

⚠️ Recommend 7/8" drill bit for side installation.

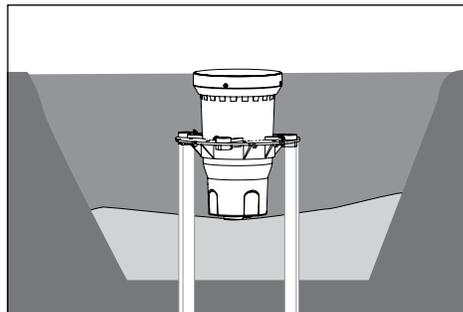
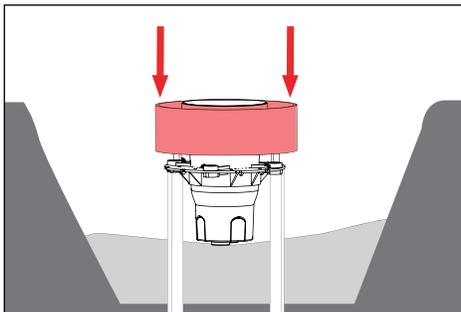
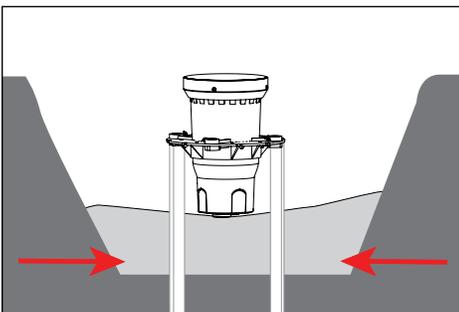
⚠️ Leave sufficient clearance to elevate housing to finished grade.



4. Raise housing on 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 EMT. Remove excess EMT as needed.

6. Pull primary branch circuit wiring into junction box.



7. Per DIG-IT Guide, backfill the gap between the bottom of housing and bottom of hole with sand for drainage.

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.

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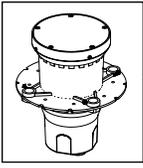


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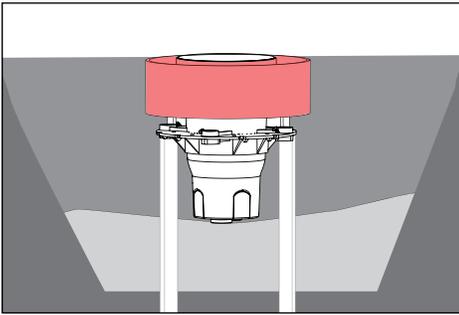
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Standard Instructions

HP2RM

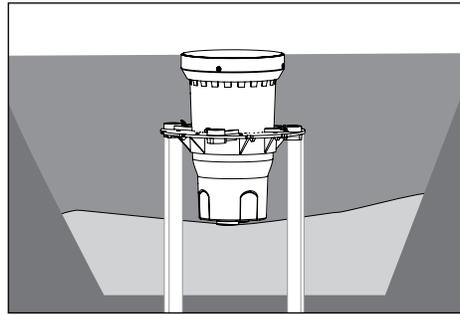
REMOTE DRIVER - LED



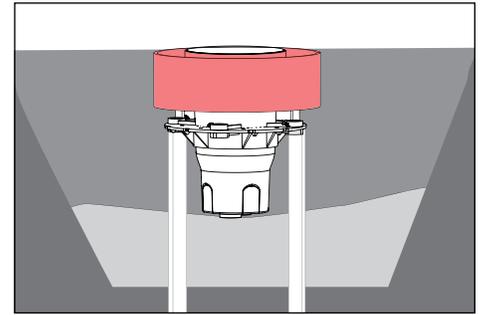
OPTIONAL GROUT MASK INSTALLATION (IF ORDERED)

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 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 temporary cover.



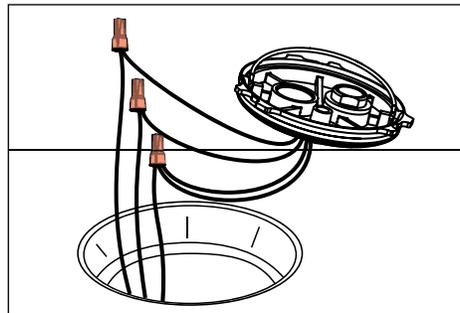
OPTIONAL GROUT MASK INSTALLATION (IF ORDERED)

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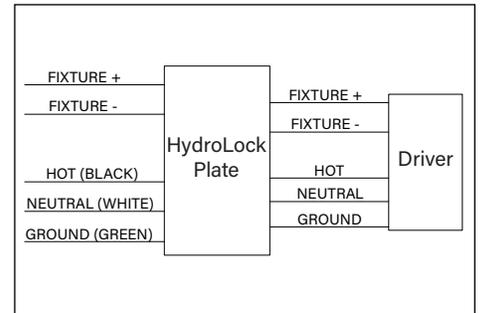
Installation



1. Remove temporary cover.

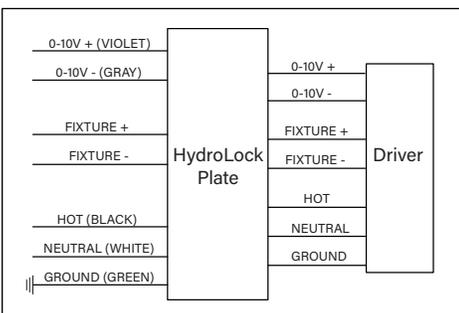


2. Make watertight connections using waterproof wire connectors (included) to leads on the bottom of Patented HydroLock Barrier Plate Assembly. **See wiring diagram.**



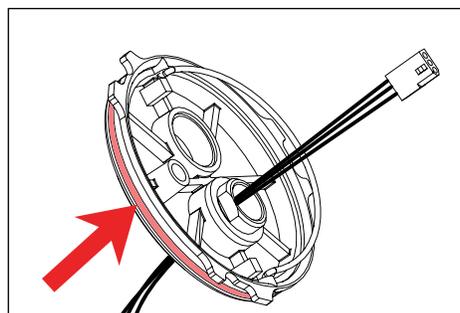
WIRING DIAGRAM

- Non-Dimming
- INC Dimming
- ELV Dimming

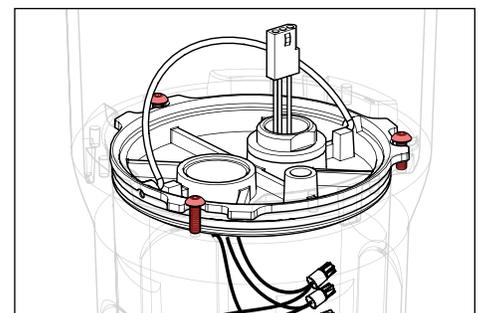


WIRING DIAGRAM

- 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 1/4" 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.**

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

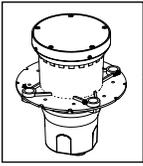


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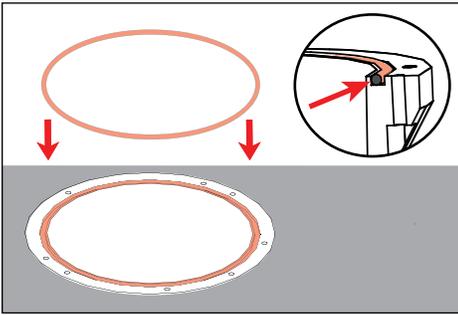
REFERENCE NUMBER
INS-2853-00



Standard Instructions

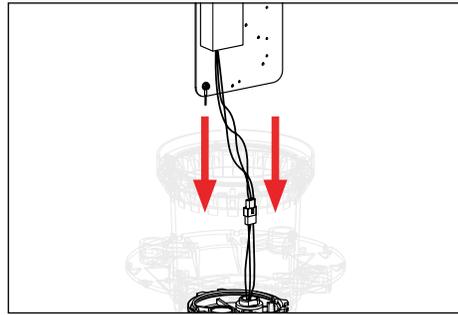
HP2RM

REMOTE DRIVER - LED

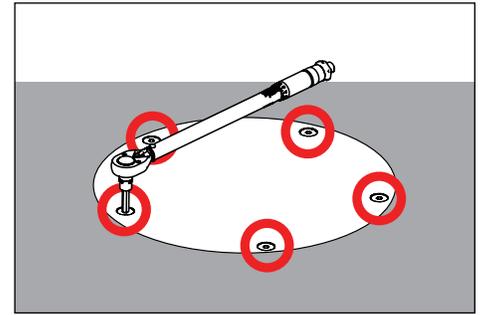


5. Remove any dirt or debris in o-ring groove near top of housing. Place o-ring inside of groove.

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



6. Connect the faceplate with the driver assembly to installed HydroLock with factory wired quick connectors. Lower faceplate assembly into housing.



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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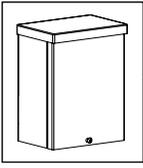


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NEMA 3R REMOTE POWER SUPPLY

LED

Standard Instructions



Flammable



Warning



High Voltage



Hot Surface

TOOLS NEEDED:



1/8" Allen Wrench



Phillips Screwdriver



Level



Hammer



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.

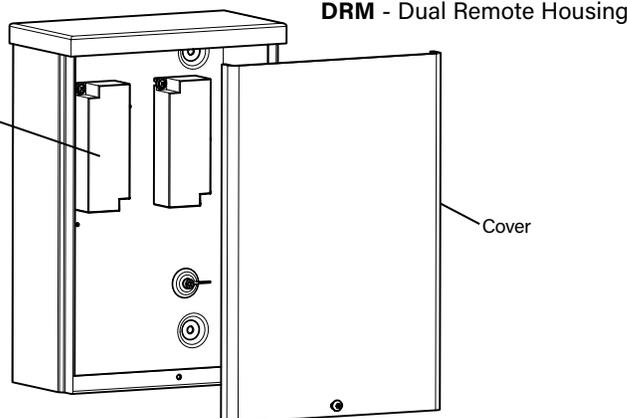
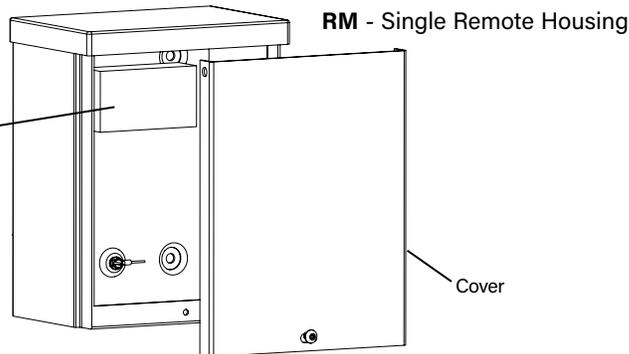
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- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use 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. 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

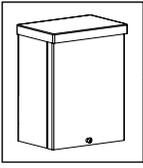
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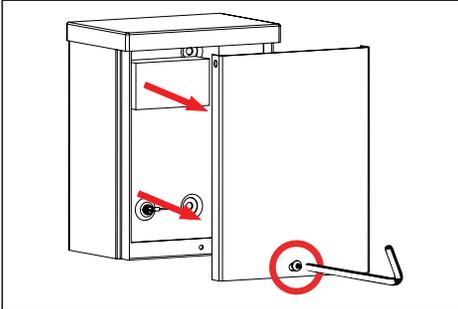


NEMA 3R REMOTE POWER SUPPLY

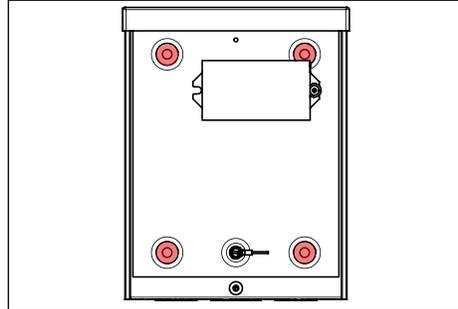
LED

Standard Instructions

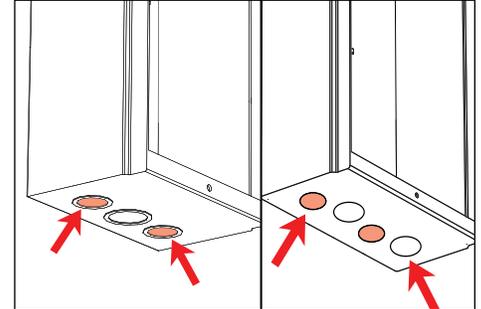
Housing Installation



1. Remove cover by removing #10-24 cover screw using a 1/8" allen wrench.

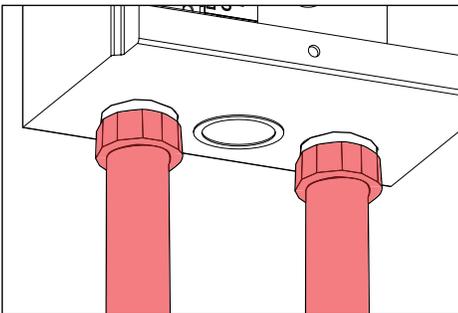


2. Attach the NEMA 3R housing at mounting holes with 1/4" fasteners. Use suitable mounting hardware for surface. Use level to ensure a level install.

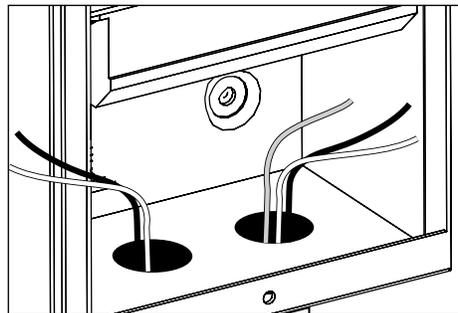


3. Remove knockout(s) with hammer as needed from the NEMA 3R housing. Leave remaining unused knockouts in place to maintain seal.

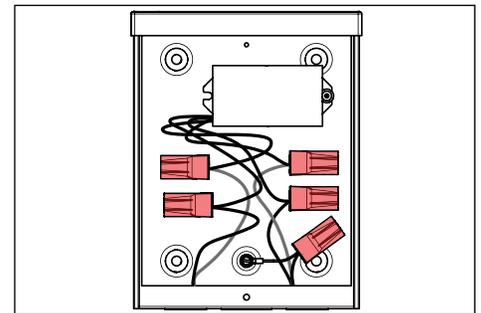
NOTE: Many methods exist to bolt to a flat surface. The housing is provided with mounting brackets with 1/4" holes.



4. Connect conduit connector through female threaded conduit entry.



5. Pull branch circuit wiring necessary for installation.
6. Pull secondary lamp leads necessary for installation through dedicated conduit.



7. Make connections using waterproof wire connectors (included) to driver and to ground wire on NEMA 3R housing. See attached label for additional information.

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.

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

NOTE: Number of connections may vary depending of driver quantity and wiring control selected. See wiring diagram.

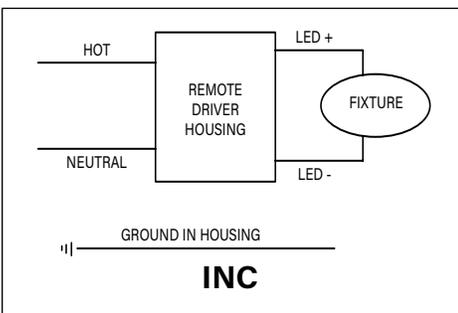


DIAGRAM - INC

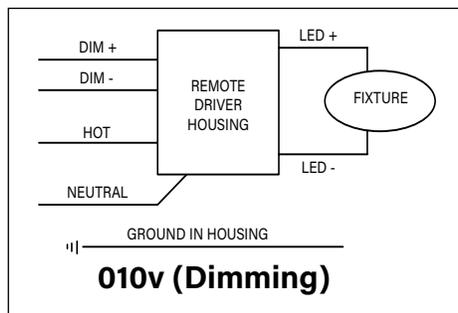
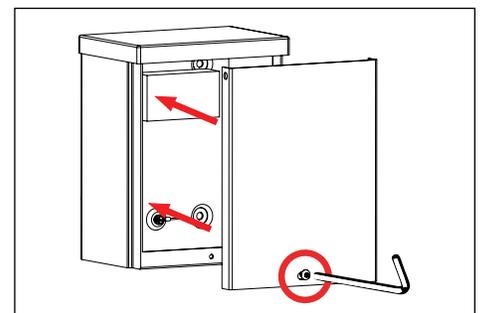


DIAGRAM - 010V (Dimming)



8. Re-attach cover. Tighten cover screw.

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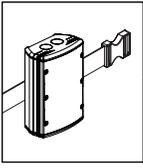


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Standard Installation



Flammable



Warning



High Voltage



Hot Surface

PM3RM TREE STRAP DRIVER HOUSING

TOOLS NEEDED:

-  1/8" Allen Wrench
-  Waterproof Wire Connectors
-  Hammer
-  Phillips Screwdriver

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

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- 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

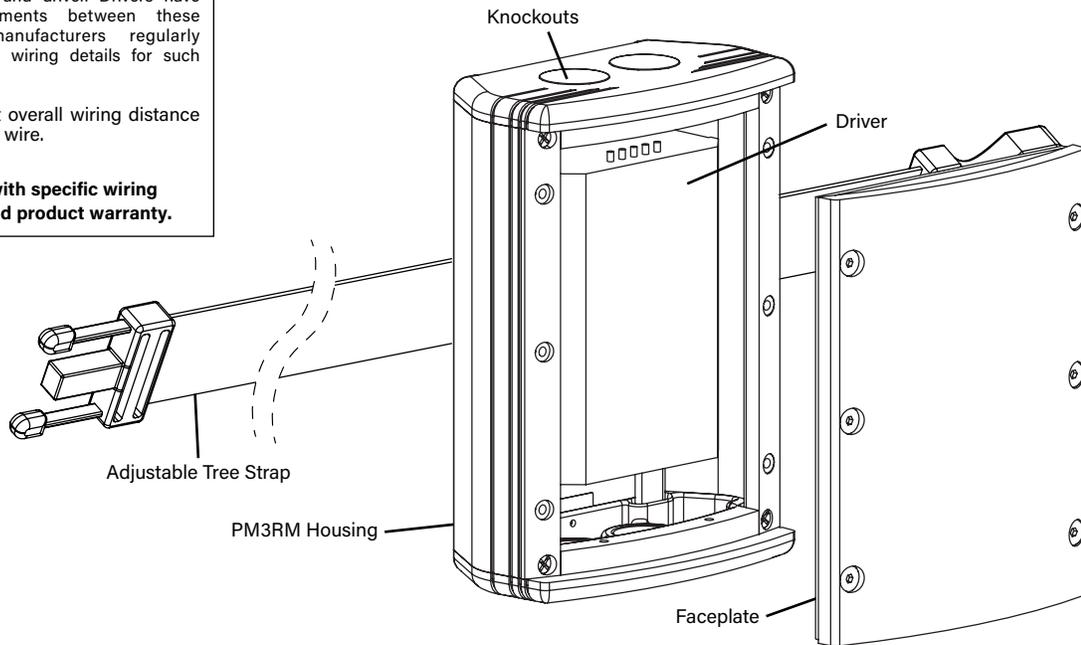
⚠ REMOTE WIRING

LED Driver

Remote driver installations require inter-connected wiring between the LED and driver. 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

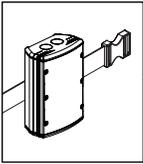
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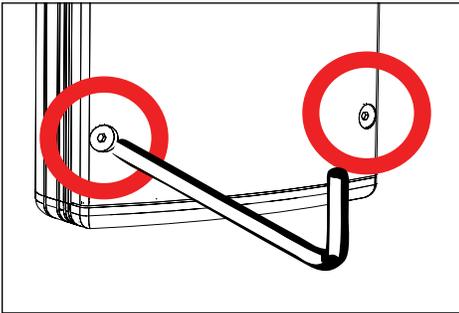
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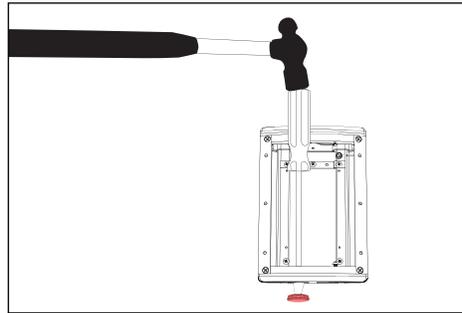
PM3RM TREE STRAP DRIVER HOUSING



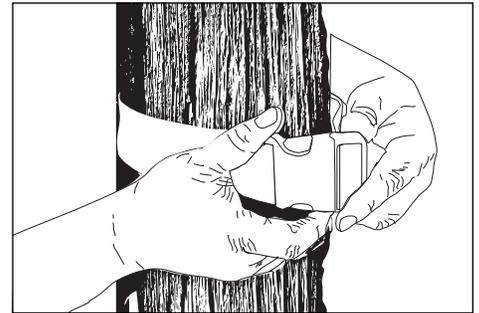
Standard Installation



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

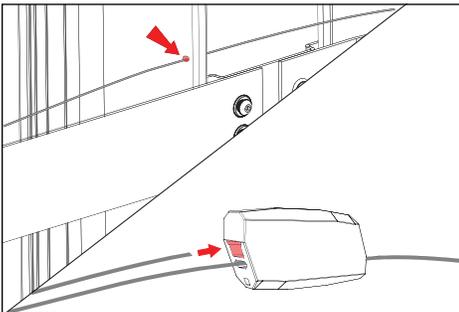


2. Remove patented knockout(s) as necessary from the inside of the UPM housing. Leave remaining unused knockouts in place to maintain seal.

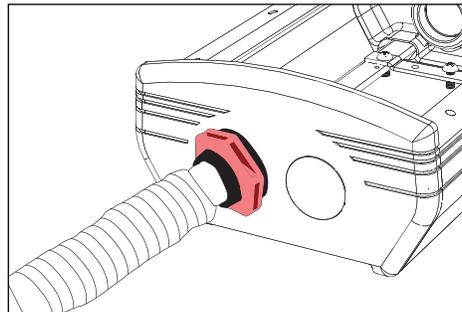


3. Use adjustable strap provided to attach UPM housing to tree. Tighten by pulling on the adjustable strap until secure.

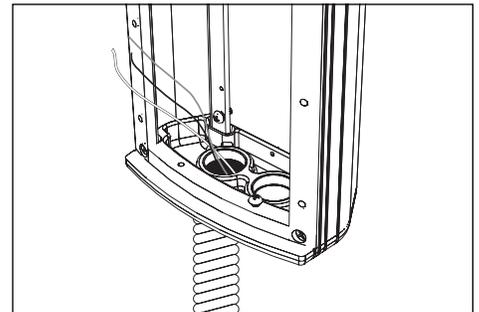
⚠ NOTE: Patented design featuring a silicone o-ring allowing knockout to be tapped back into place to renew seal integrity.



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.

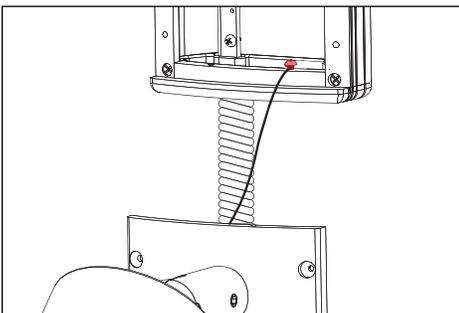


5. Connect 3/4" conduit connector through female threaded conduit entry.



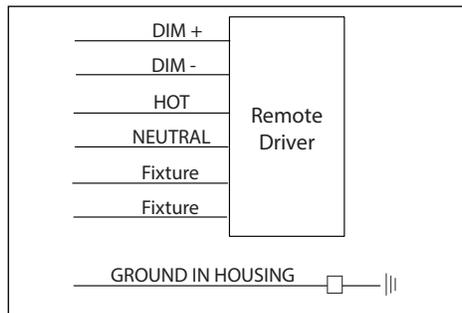
6. Pull branch circuit wiring and dimming control wiring necessary for installation.

⚠ 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.



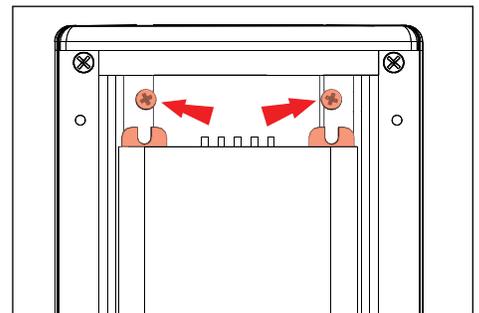
7. Attach tether wire under screw head at the base of the UPM housing and tighten. Slowly lower the faceplate until tether is taut.

⚠ 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 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.

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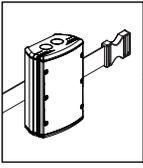
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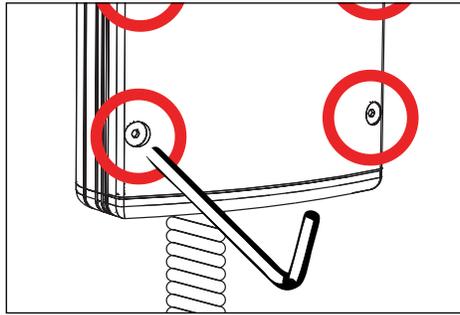
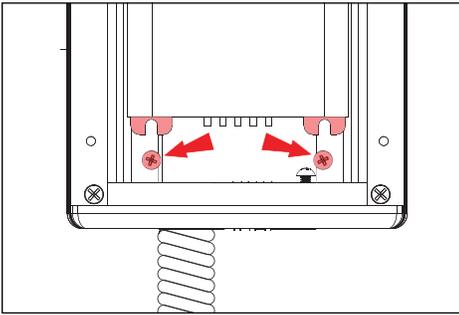
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REFERENCE NUMBER
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PM3RM TREE STRAP DRIVER HOUSING



Standard Installation



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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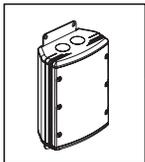
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REFERENCE NUMBER
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PM3RM SURFACE MOUNT DRIVER HOUSING



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

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- 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.
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IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet locations

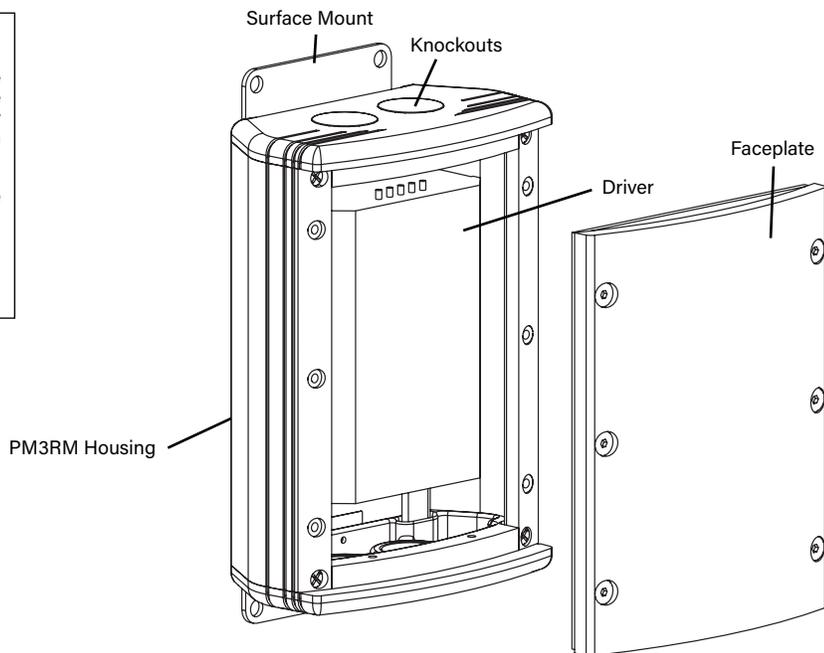
REMOTE WIRING

LED Driver

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- 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

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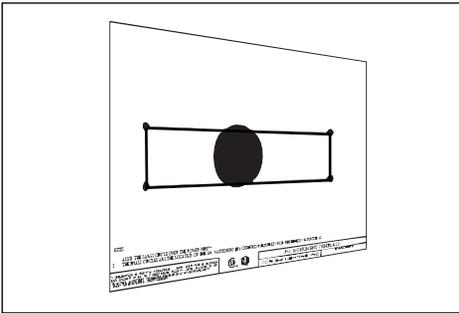
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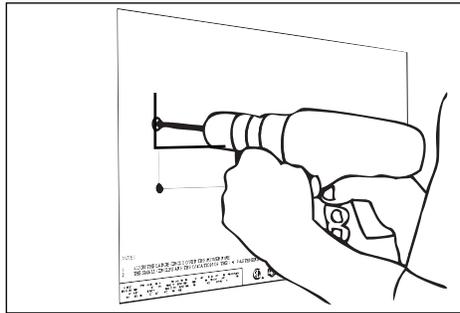
PM3RM SURFACE MOUNT DRIVER HOUSING



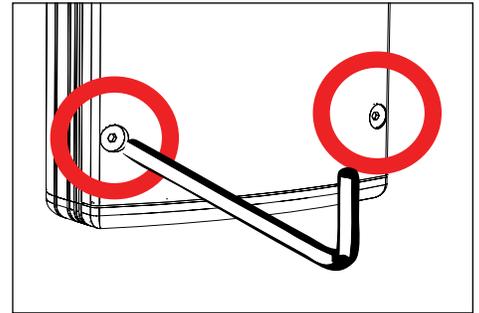
Standard Installation



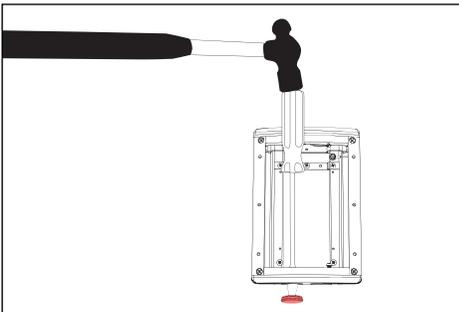
1. Prepare final mounting position according to designed lighting plan.



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

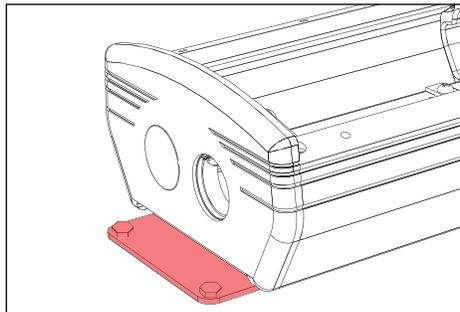


3. Loosen six (6) #10-24 captive screws using a 1/8" allen wrench to remove faceplate of UPM housing.



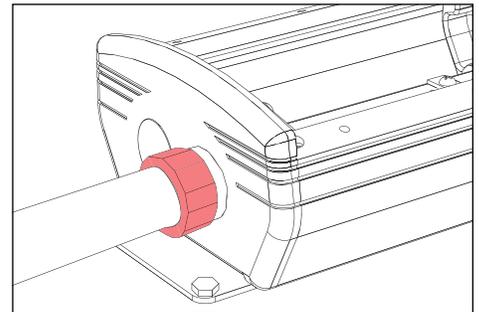
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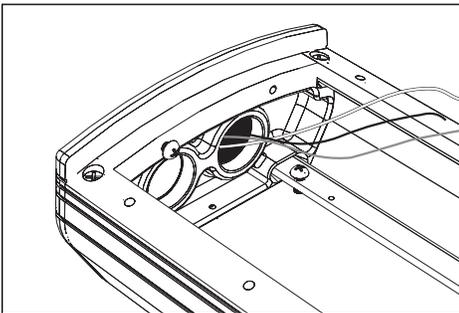
5. Attach the UPM housing at mounting brackets with 1/4" fasteners. Use suitable mounting hardware for surface.

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

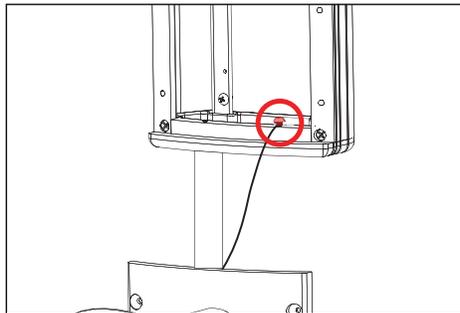


6. Connect 3/4" conduit connector through female threaded conduit entry.

⚠ 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.

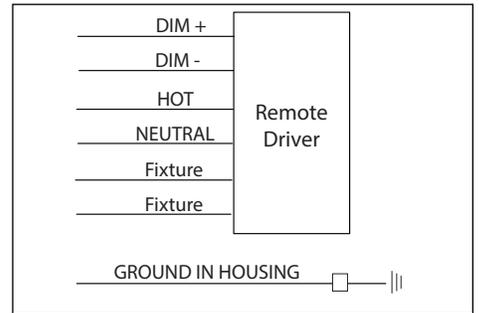


7. Pull branch circuit wiring and dimming control wiring necessary for installation.



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 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.

**IMPORTANT SAFETY INFORMATION LISTED ON REVERSE
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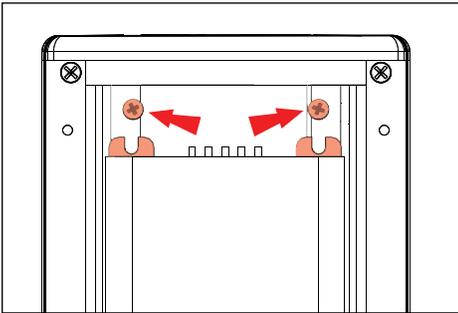
RELEASE DATE
05/23/2023

REFERENCE NUMBER
INS-2861-00

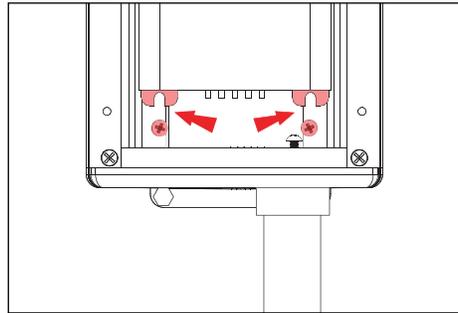
PM3RM SURFACE MOUNT DRIVER HOUSING



Standard Installation

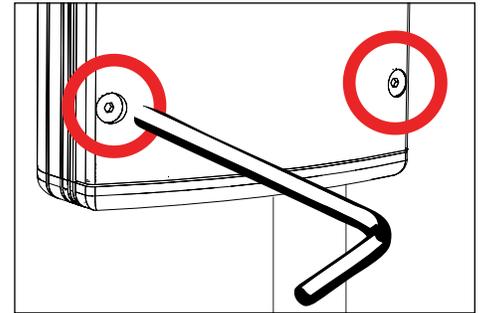


10. Remove two (2) #8-32 screws in UPM housing using phillips screwdriver.



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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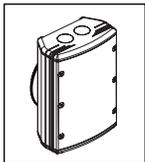
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REFERENCE NUMBER
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PM3RM ROUND CAMLOCK DRIVER HOUSING



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:

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

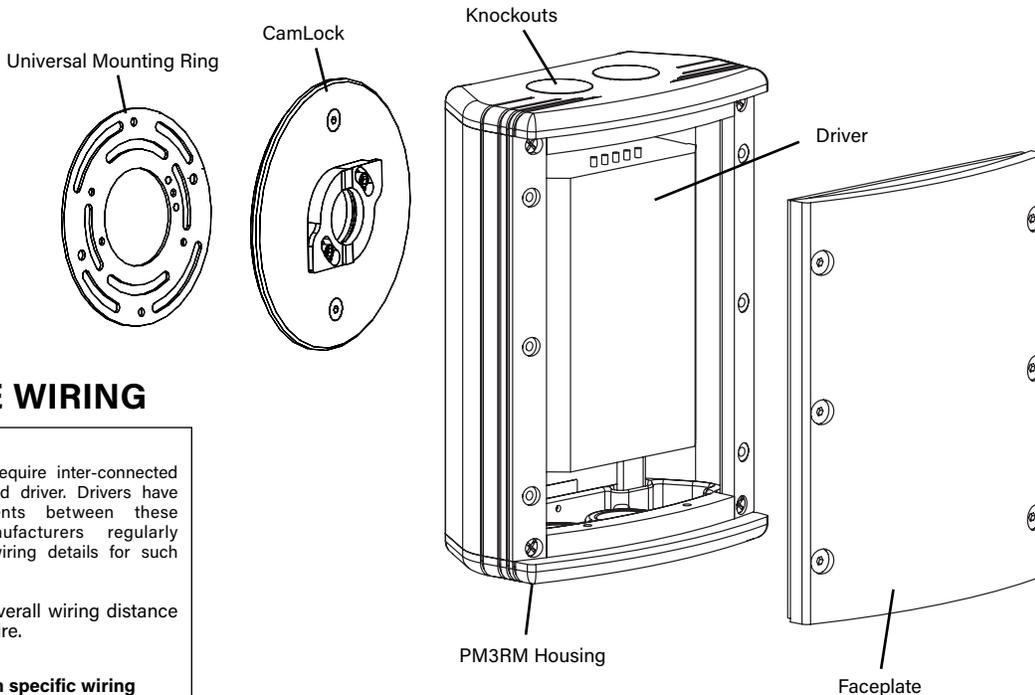
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- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use 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

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



REMOTE WIRING

LED Driver

Remote driver installations require inter-connected wiring between the LED and driver. 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

B-K LIGHTING

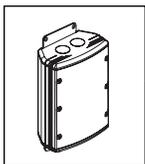
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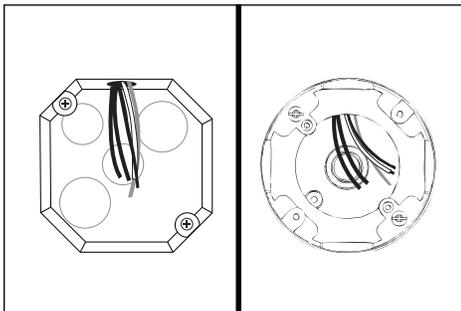
REFERENCE NUMBER
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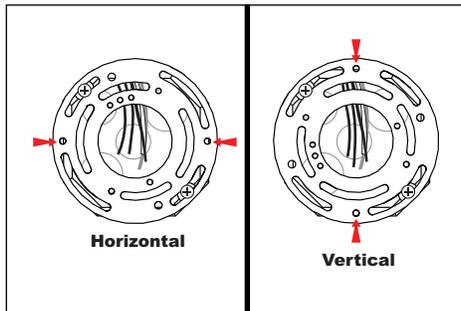
PM3RM ROUND CAMLOCK DRIVER HOUSING



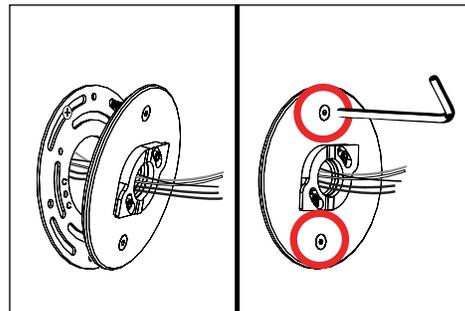
Standard Installation



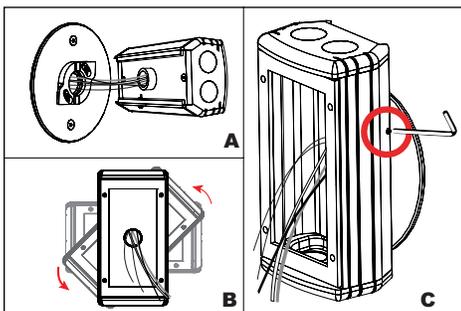
1. Install standard 4" octagonal/round recessed junction box in the final fixture location according to designed lighting plan.
2. Pull branch circuit wiring and dimming control wiring necessary for installation.



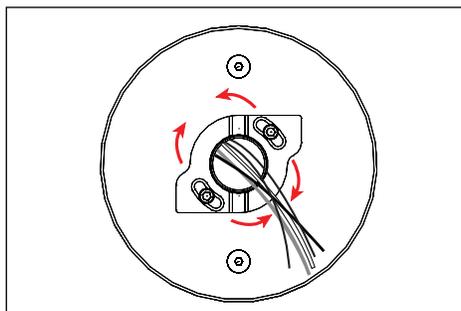
3. Install universal mounting ring.
- ⚠ IMPORTANT!! Orientation of universal ring will affect orientation of UPM! Take note of mounting plate holes (indicated with arrows) on the universal ring holes to mount UPM in correct orientation.**



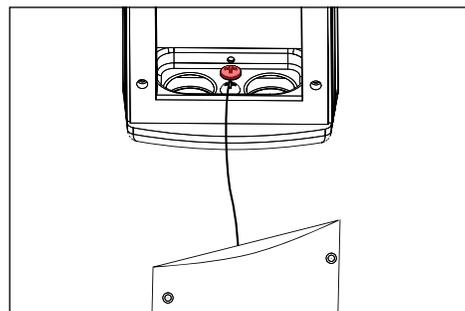
4. Feed branch circuit wiring and dimming control wiring through mounting plate with CamLock assembly. Attach mounting plate with included two (2) #10-24 stainless steel hex drive fasteners to universal ring using a 1/8" allen wrench.



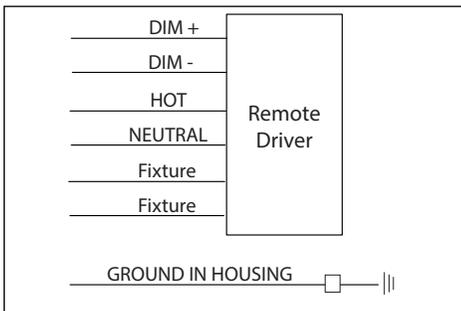
5. Feed branch circuit wiring and dimming control wiring into UPM housing. Install housing on CamLock at 90° to finished orientation as shown (Figure A).
6. Rotate housing 90° counter-clockwise (Figure B). Tighten set screw with a 5/64" allen wrench on outside of UPM housing to lock in place (Figure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

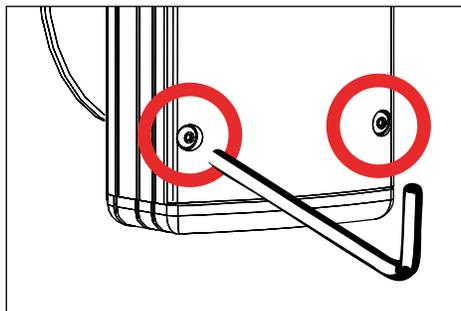


8. Attach tether wire under screw head at the base of the UPM housing. Slowly lower the faceplate until tether is taut.
- ⚠ NOTE: Faceplate tether supplied with UPM is designed as an installation aid and NOT a safety cable. Do not add weight to, or drop faceplate.**



WIRING DIAGRAM

9. Use waterproof wire connectors 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
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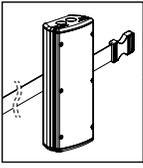


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Standard Installation

PM3DRM TREE STRAP DRIVER HOUSING



Flammable



Warning



High Voltage



Hot Surface

TOOLS NEEDED:

-  1/8" Allen Wrench
-  Waterproof Wire Connectors
-  Hammer
-  Phillips Screwdriver

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

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- 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

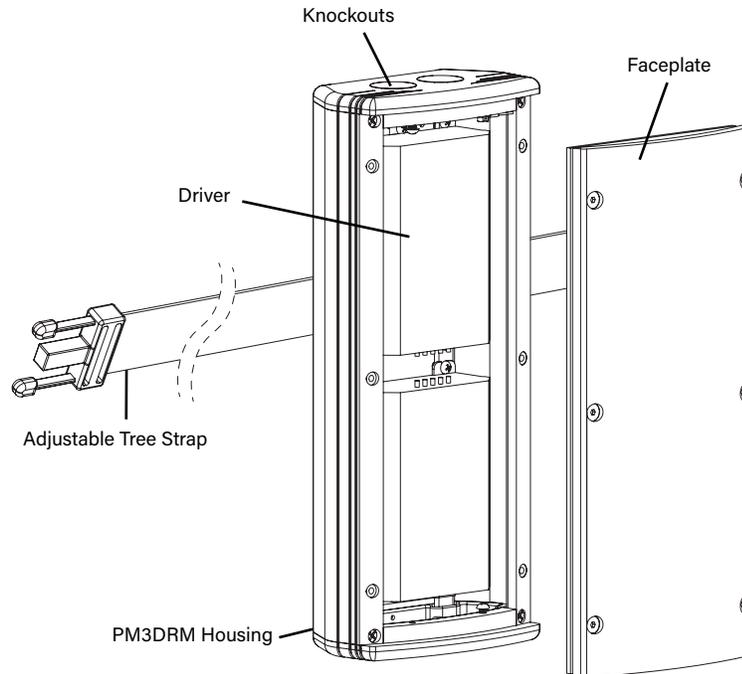
⚠ REMOTE WIRING

LED Driver

Remote driver installations require inter-connected wiring between the LED and driver. 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

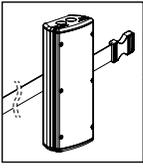
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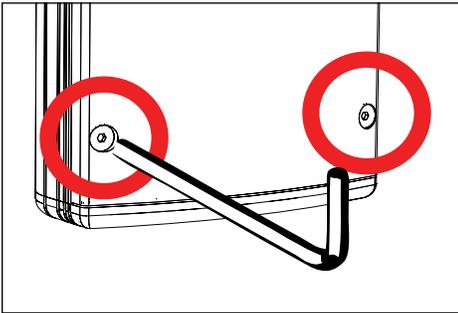
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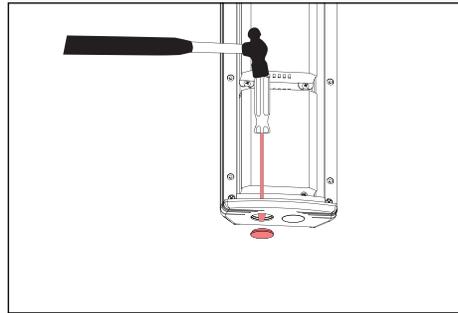


Standard Installation

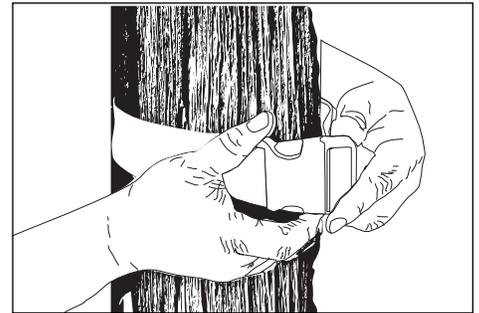
PM3DRM TREE STRAP DRIVER HOUSING



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

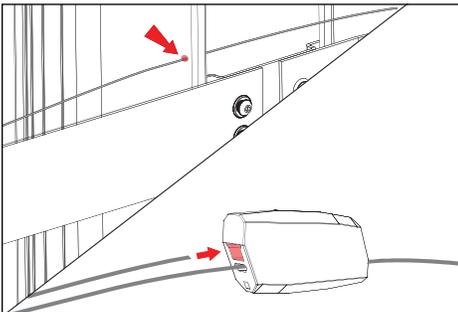


2. Remove patented knockout(s) as necessary from the inside of the UPM housing. Leave remaining unused knockouts in place to maintain seal.

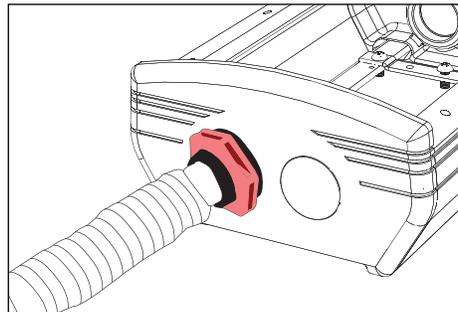


3. Use adjustable strap provided to attach UPM housing to tree. Tighten by pulling on the adjustable strap until secure.

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

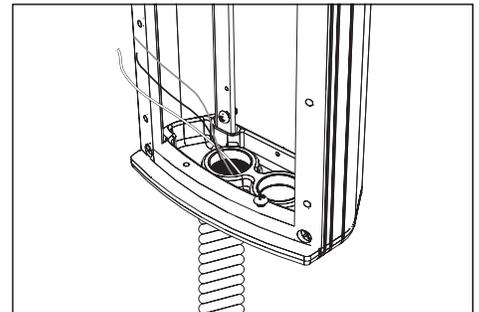


4. Thread safety cable through hole on the back of the UPM housing. Feed safety cable through opposing ends of the connector. Pull on wires to assure the connection is secure. Leave enough slack in safety cable for tree growth. Adjustments can be made by pressing release spring with a pin or a 3/64"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

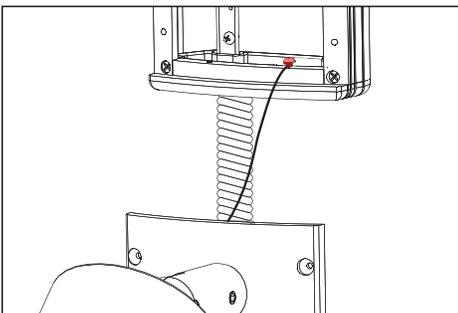


5. Connect 3/4" conduit connector through female threaded conduit entry.

⚠ 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.

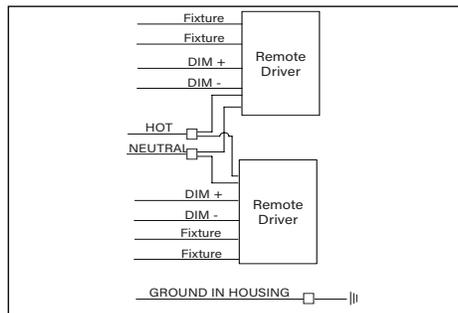


6. Pull branch circuit wiring and dimming control wiring necessary for installation.



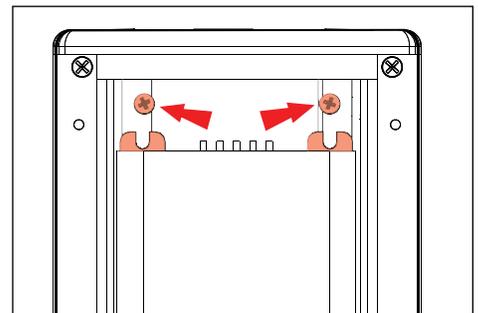
7. Attach tether wire under screw head at the base of the UPM housing and tighten. Slowly lower the faceplate until tether is taut.

⚠ 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 (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.



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

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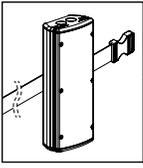
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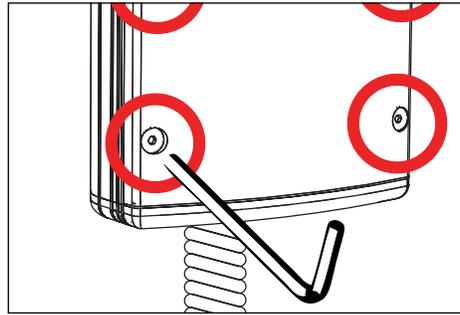
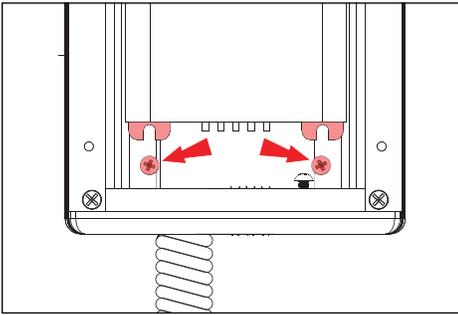
RELEASE DATE
05/23/2023

REFERENCE NUMBER
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PM3DRM TREE STRAP DRIVER HOUSING



Standard Installation



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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PM3DRM SURFACE MOUNT DRIVER HOUSING

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

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- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
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- 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.
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IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet locations

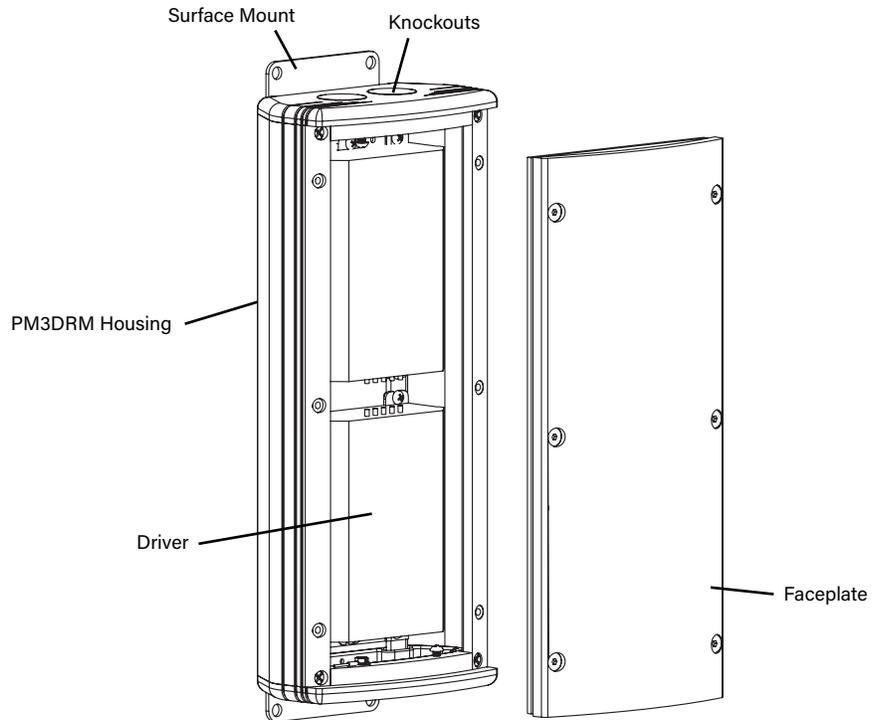
REMOTE WIRING

LED Driver

Remote driver installations require inter-connected wiring between the LED and driver. 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

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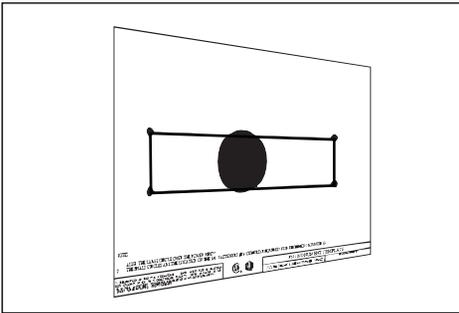
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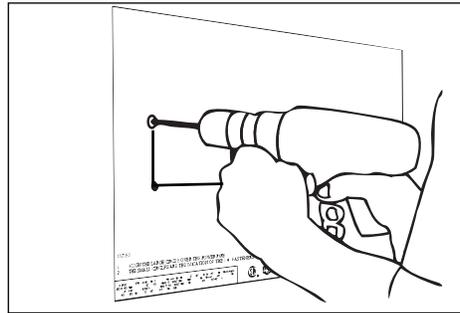


PM3DRM SURFACE MOUNT DRIVER HOUSING

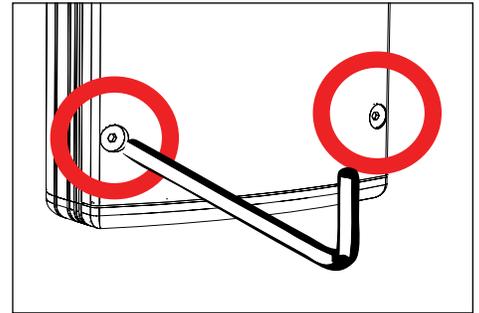
Standard Installation



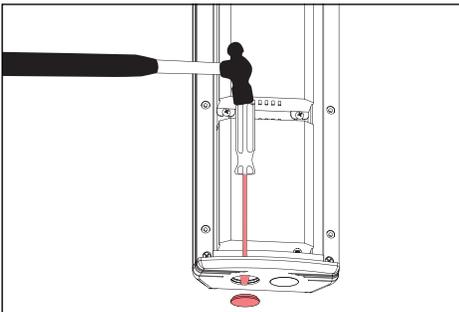
1. Prepare final mounting position according to designed lighting plan.



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

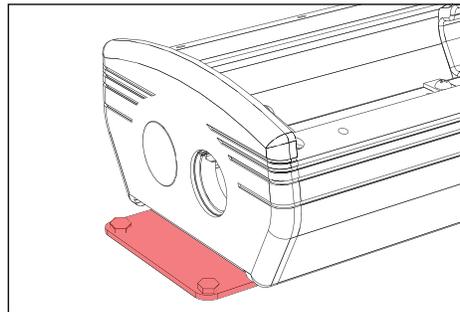


3. Loosen six (6) #10-24 captive screws using a 1/8" allen wrench to remove faceplate of UPM housing.



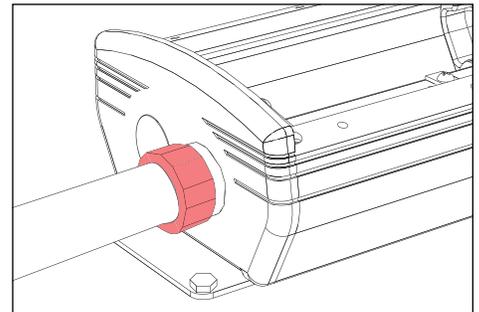
4. Remove patented knockout(s) as necessary from the inside of the UPM housing. Leave remaining unused knockouts in place to maintain seal.

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



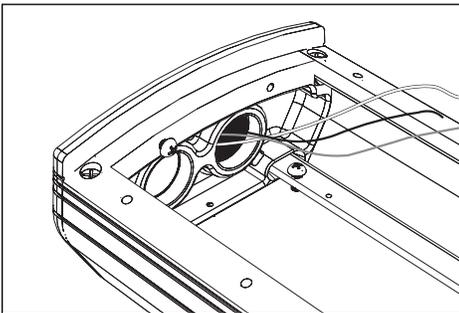
5. Attach the UPM housing at mounting brackets with 1/4" fasteners. Use suitable mounting hardware for surface.

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

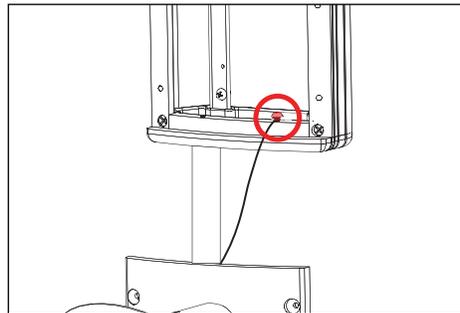


6. Connect 3/4" conduit connector through female threaded conduit entry.

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.

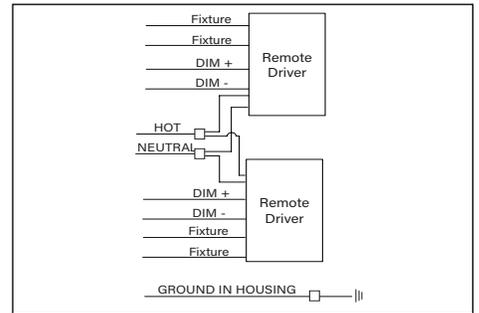


7. Pull branch circuit wiring and dimming control wiring necessary for installation.



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 wire connectors to connect driver primary leads to branch circuit wires. Connect incoming ground to ground wire provided in UPM housing. Connect incoming dimming control wiring to driver dimming leads. See wiring diagram.

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



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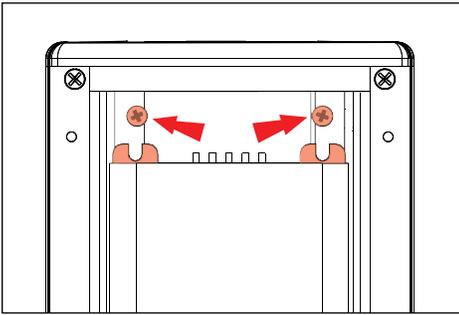
RELEASE DATE
05/23/2023

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INS-2861-00

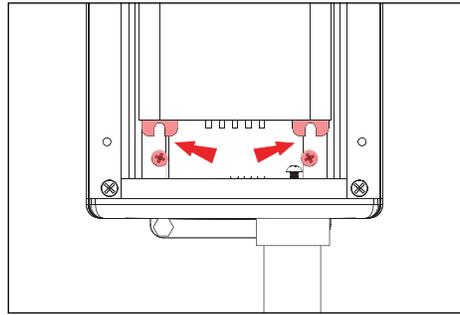


PM3DRM SURFACE MOUNT DRIVER HOUSING

Standard Installation

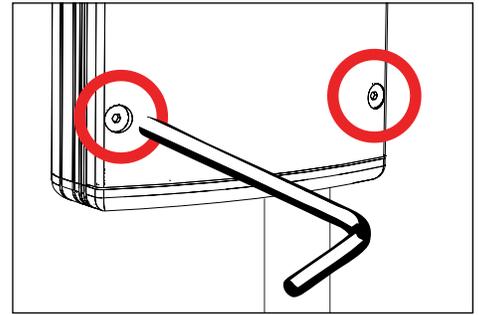


10. Remove two (2) #8-32 screws in UPM housing using Phillips screwdriver.



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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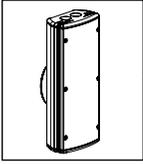


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PM3DRM ROUND CAMLOCK DRIVER HOUSING

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:

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

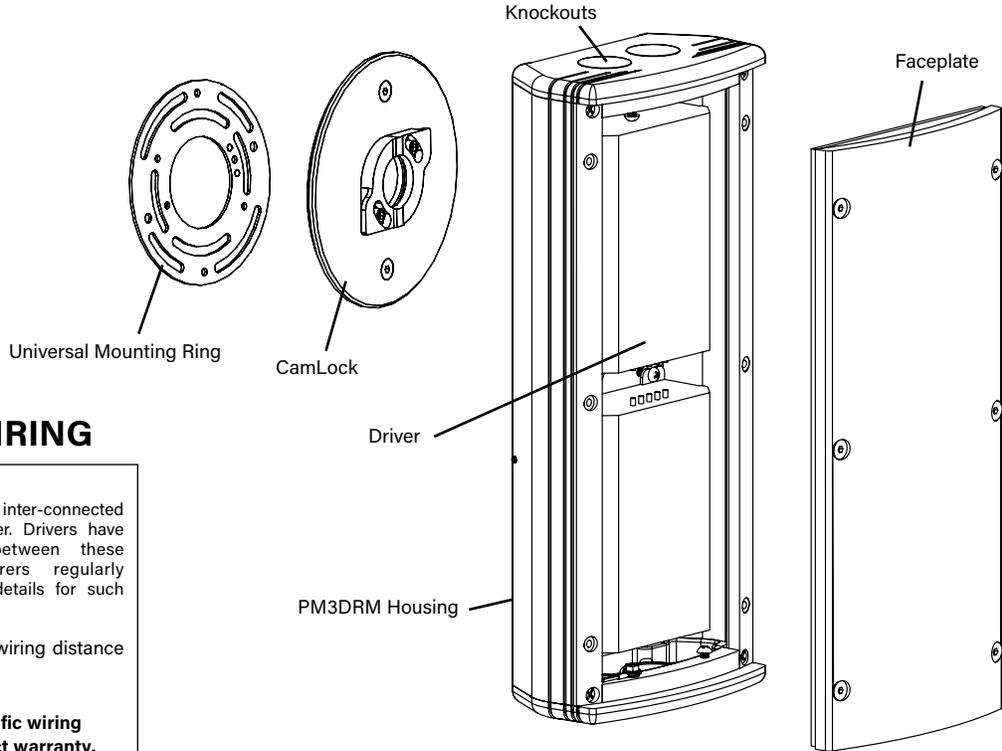
IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS

- 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

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



REMOTE WIRING

LED Driver

Remote driver installations require inter-connected wiring between the LED and driver. 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

B-K LIGHTING

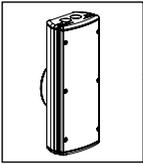
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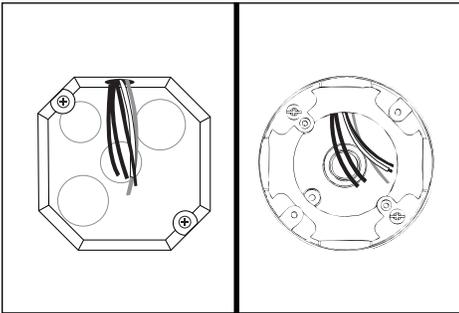
REFERENCE NUMBER
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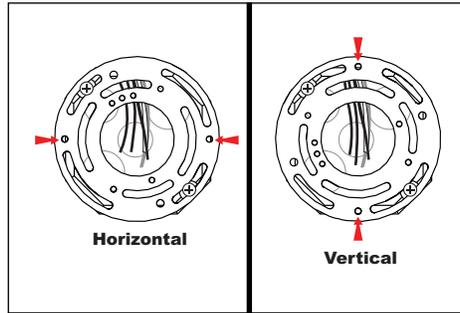
PM3DRM ROUND CAMLOCK DRIVER HOUSING



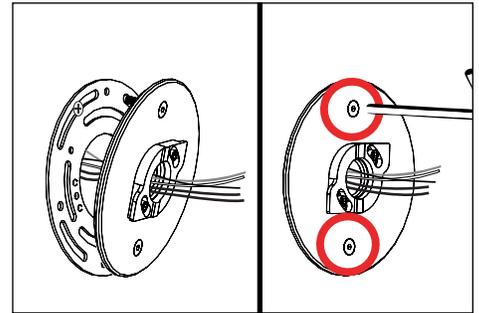
Standard Installation



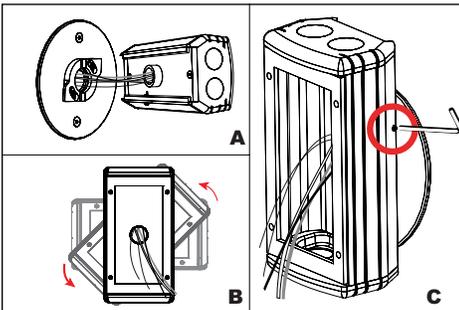
1. Install standard 4" octagonal/round recessed junction box in the final fixture location according to designed lighting plan.
2. Pull branch circuit wiring and dimming control wiring necessary for installation.



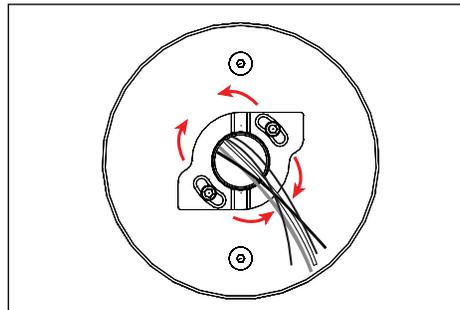
3. Install universal mounting ring.
- ⚠ IMPORTANT!! Orientation of universal ring will affect orientation of UPM! Take note of mounting plate holes (indicated with arrows) on the universal ring holes to mount UPM in correct orientation.**



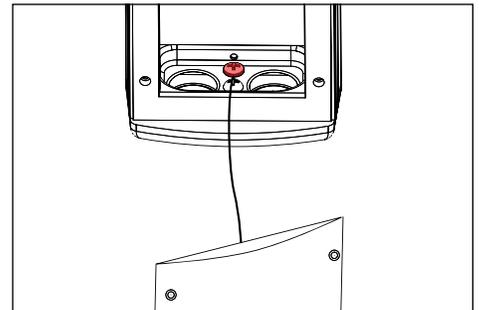
4. Feed branch circuit wiring and dimming control wiring through mounting plate with CamLock assembly. Attach mounting plate with included two (2) #10-24 stainless steel hex drive fasteners to universal ring using a 1/8" allen wrench.



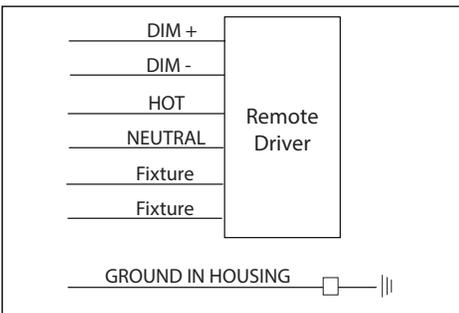
5. Feed branch circuit wiring and dimming control wiring into UPM housing. Install housing on CamLock at 90° to finished orientation as shown (Figure A).
6. Rotate housing 90° counter-clockwise (Figure B). Tighten set screw with a 5/64" allen wrench on outside of UPM housing to lock in place (Figure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

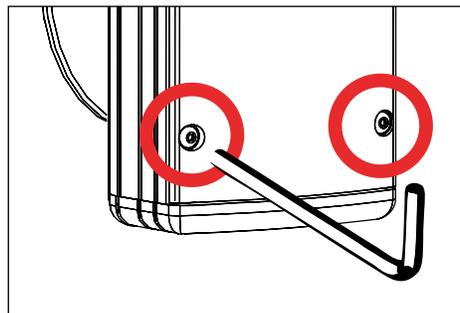


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