

Standard Installation



LARGE BEACON WALL MOUNT (LBW)

TOOLS NEEDED:

- 5/32", 5/64" & 0.050" Allen Wrench
- Waterproof Wire Connectors
- Mounting Hardware
- Small Pick Tool



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. 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.

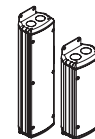


DRIVER HOUSING REQUIRED

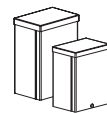
Please refer to specified remote driver housing documentation for detailed installation instructions.

REMOTE DRIVER HOUSINGS:

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



PM3RM & PM3DRM



RM & DRM

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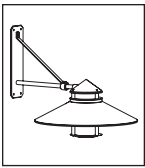
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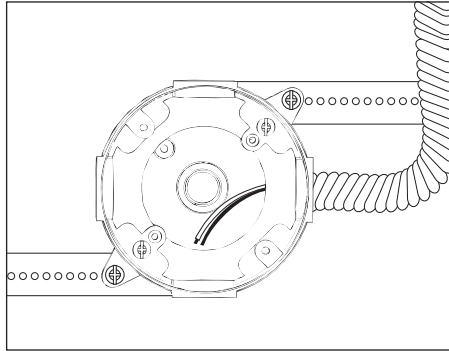
LARGE BEACON WALL MOUNT

(LBW)

Standard Installation

Phase 1 - Rough In

Installation of Back box



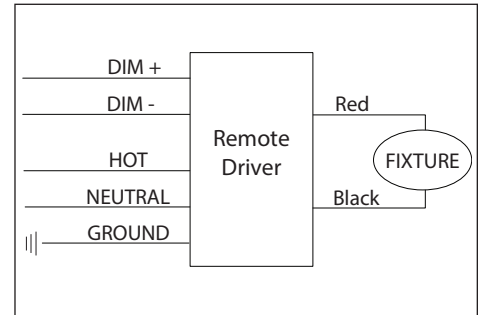
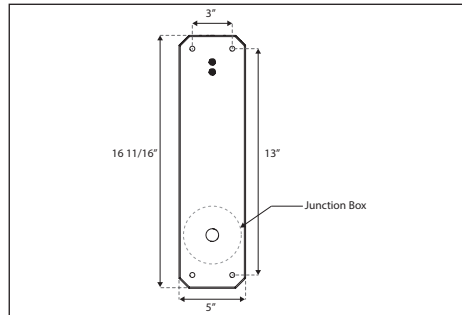
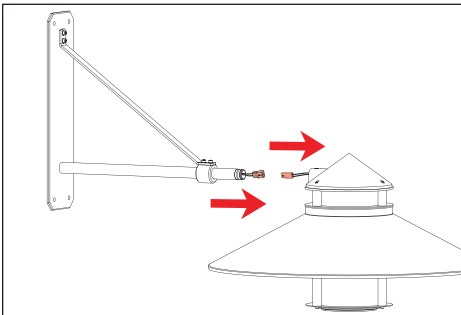
Additional Info

- Please follow National and Local electrical codes for your area.
- Suitable for through wire.
- Suitable for installation into combustible materials.
- Rated for 90° C.
- Junction box, universal mounting ring screws, box mounting hardware and gaskets (not included).

⚠ Junction box must be secured to a structural member suitable for weight of the luminaire and other weight likely to be placed upon it.

1. Install conduit (not included) to be used with this product.
2. Install junction box so that front face is flush with finished wall. Seal to building envelope as per NEC.
3. Connect box to conduit and pull wires for connections (**See wiring diagram**).

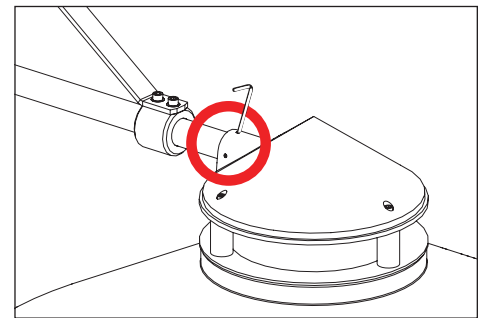
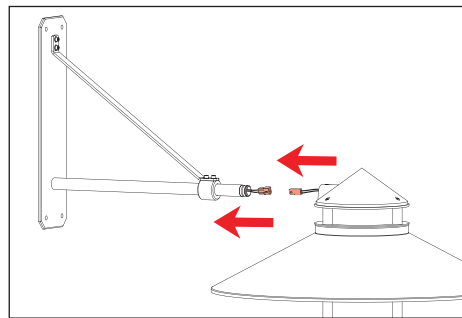
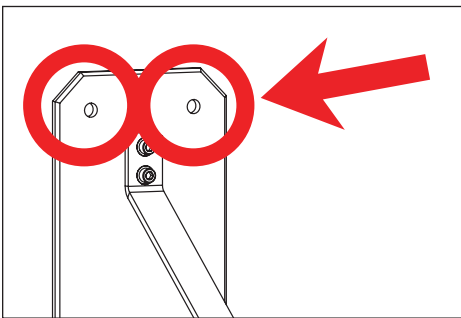
Phase 2 - Fixture Installation



1. Remove fixture body from stem by loosening two (2) #8-32 set screws with a 5/64" allen wrench. Disconnect quick disconnect from leads to fixture body.
2. Drill mounting holes in surface around junction box as per lighting plan. Mounting holes are 17" apart on center vertically and 3" apart horizontally on center. Canopy should be oriented so that fixture stem is centered over junction box.

WIRING DIAGRAM

3. Connect remote driver secondary wiring to fixture leads using watertight wire connectors (not included) as per NEC. Place wiring and connections into junction box. **See wiring diagram.**



4. Mount plate with mounting hardware over junction box. Use mounting hardware (not included) appropriate for surface. **Seal building envelope as per NEC. Do not overtighten.**
5. Connect secondary leads in stem with secondary leads from fixture body with quick disconnect.
6. Slide fixture body onto stem, then secure by tightening two (2) #8-32 set screws with a 5/64" allen wrench.

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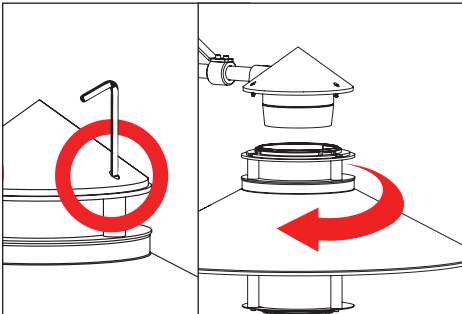
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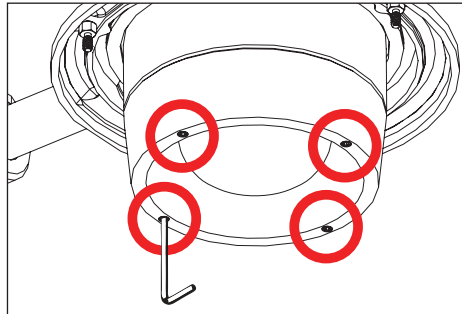
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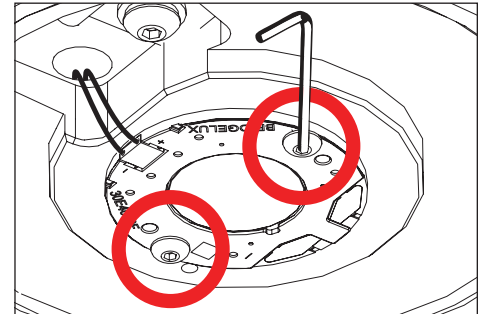
To Replace Components



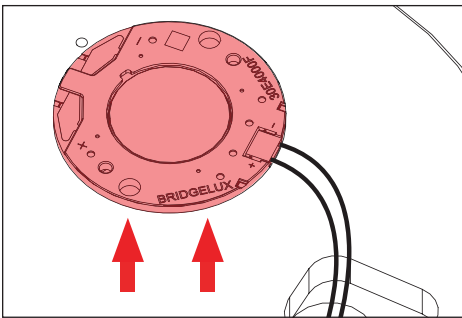
1. Loosen three (3) #10-24 set screws on cap with a 5/32" allen wrench. Retain screws in cap.
2. Twist fixture body, then pull away.



3. Loosen four (4) #4-40 set screws on dome lens optic holder using a 0.050" allen wrench. Gently remove dome lens optic and optic holder.

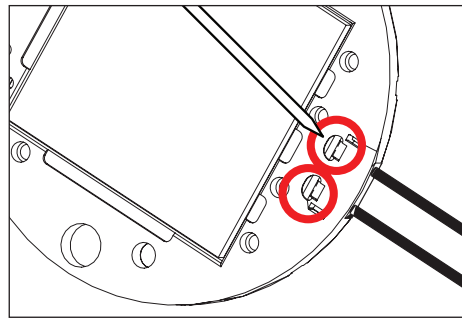


4. Loosen two (2) #4-40 screws with a 0.050" allen wrench. Gently pull optic holder off heatsink.



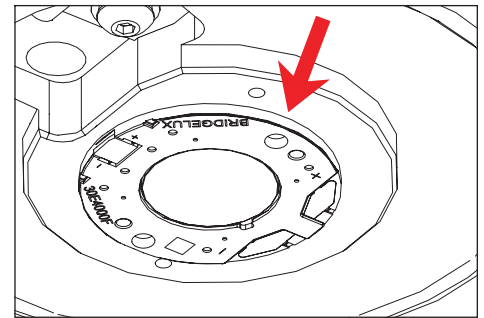
5. Carefully remove LED module from heatsink.

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



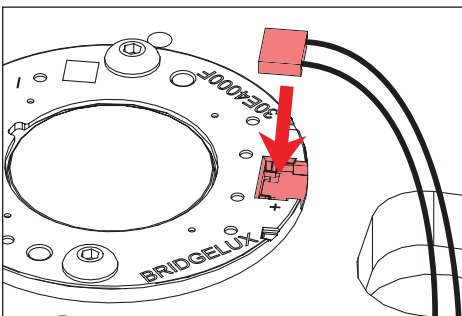
6. Use small pick tool to push connector off LED board through two small slots behind connector. Once loose, lift connector upwards and off board.

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



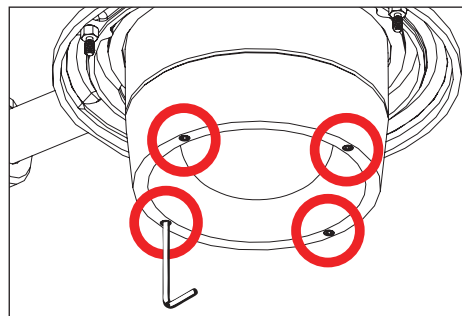
7. Spread thin, even layer of thermal paste on back of new LED module. Place new LED module on heatsink, lining up module with holes for screws.

8. Tighten two (2) #4-40 screws using a 0.050" allen wrench to secure LED module to heatsink.

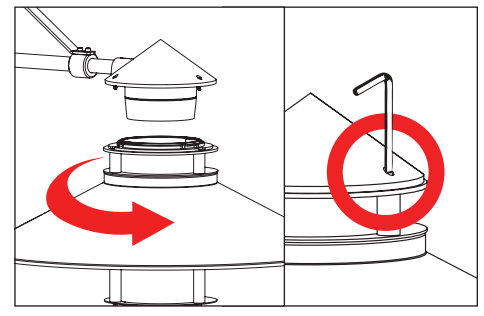


9. Press connector straight downwards into slot on module to snap into place.

⚠ Connector will only fit in one direction.



10. Place dome lens and optic holder back onto cap. Tighten four (4) #4-40 set screws on dome lens optic holder using a 0.050" allen wrench.



11. Line up body assembly ring to cap. Twist into cap to secure. Line up holes in body assembly with holes in cap. Secure by tightening three (3) #10-24 set screws with a 5/32" allen wrench.

⚠ Warning: Do not over tighten set screw. Doing so will compromise o-ring seal and will void warranty.

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