



# SARATOGA

## REMOTE - LED

### Standard Instructions



Flammable



Warning



Low Voltage



Hot Surface

#### TOOLS NEEDED:



5/64", 5/32", 7/64", & 0.050" Allen Wrench



Waterproof Wire Connectors

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

#### Lighted fixture is HOT!

#### WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

Turn off/unplug and allow to cool before replacing lamp/LED. Fixture gets HOT quickly! Contact only switch/plug when turning on. Do not touch hot lens, guard, or enclosure. Keep fixture away from materials that may burn. Do not operate the luminaire fitting with a missing or damaged shield. Do not touch the source at any time. Use a soft cloth or gloves. Oil from skin may cause damage.

**SAVE THESE INSTRUCTIONS**

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

- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. The use of damaged components may cause an unsafe condition and void product warranty.
- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

### IMPORTANT LISTINGS AND CERTIFICATIONS

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

SA - Saratoga

#### ⚠ 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.

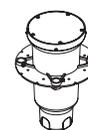
**Failure to comply with specific wiring requirements will void product warranty.**

##### ⚠ DRIVER HOUSING REQUIRED

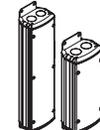
Please refer to specified remote driver housing documentation for detailed installation instructions.

##### REMOTE DRIVER HOUSINGS:

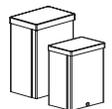
- HP2RM - HP2 Remote Housing
- PM2RM - Universal Power Module 2 Remote
- PM2DRM - Universal Power Module 2 Dual Remote
- RM - Remote Wall Mount
- DRM - Dual Remote Wall Mount



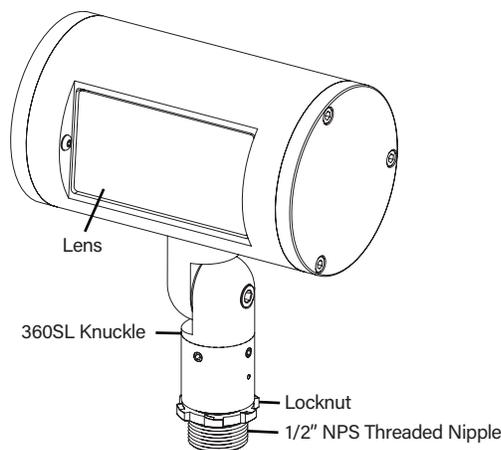
HP2RM



PM2RM & PM2DRM



RM & DRM



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

# B-K LIGHTING

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RELEASE DATE  
09/12/2023

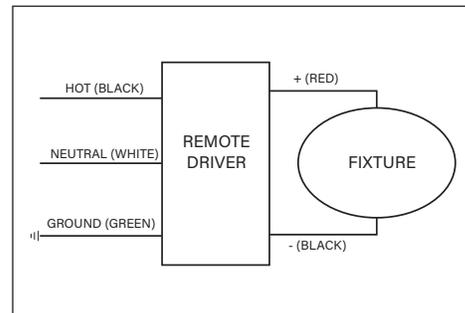
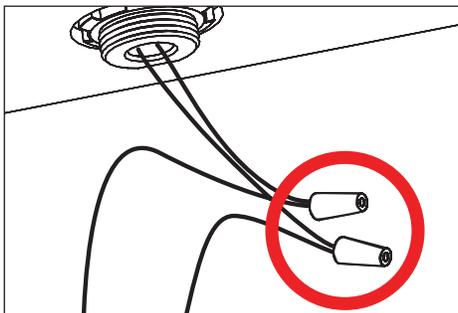
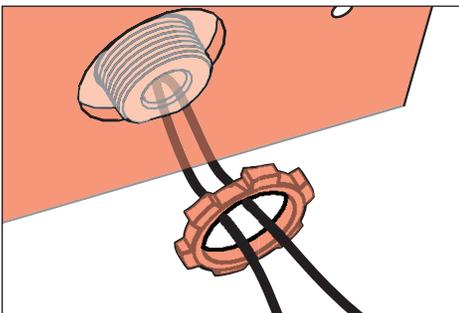
REFERENCE NUMBER  
INS-2784-00

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## Standard Instructions

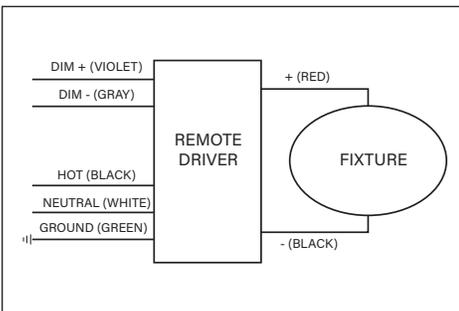
### Fixture Installation



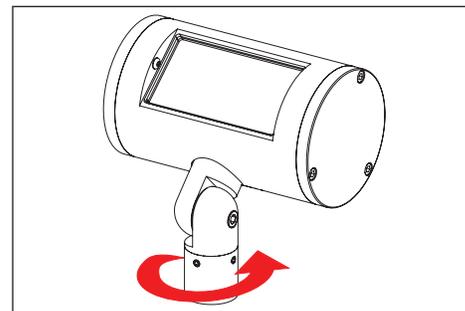
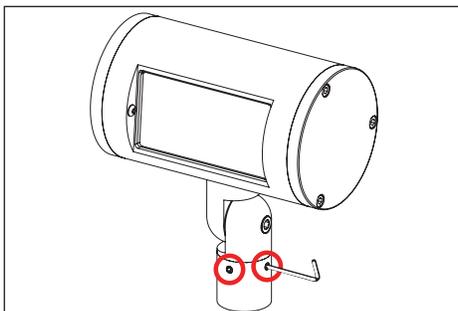
1. Mount fixture onto suitable enclosure according to designed lighting plan and NEC.
2. Secure 1/2" NPS stem to mounting option. Secure with provided locknut if applicable.

3. Make watertight connections from remote driver to fixture leads using waterproof wire connectors (not included) in splice location as per NEC.

**WIRING DIAGRAM - INC Control Type**



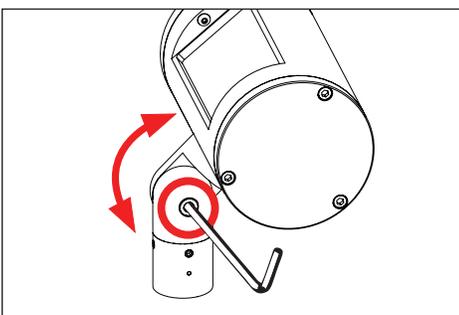
**WIRING DIAGRAM - 0-10 Dimming**



4. Use a 5/64" allen wrench to slightly loosen two (2) #8-32 stainless steel set screws on the stem for 360° aiming purpose.

5. Rotate fixture at base and aim fixture to desired horizontal location.

6. Tighten two (2) #8-32 stainless steel set screws on stem to secure horizontal aiming position



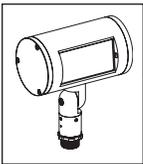
7. Use a 5/32" allen wrench to loosen #10-32 stainless steel black oxide socket head cap screw at the knuckle for vertical aiming purpose.

Tighten #10-32 stainless steel black oxide socket head cap screw to 15 in-lbs minimum to 30 in-lbs maximum to secure vertical aiming position.

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

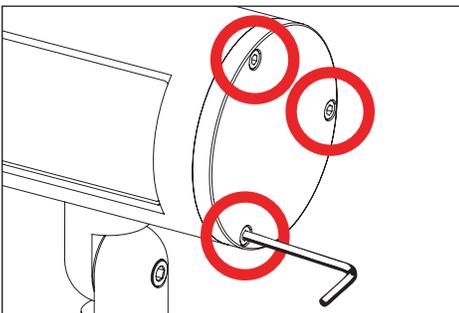
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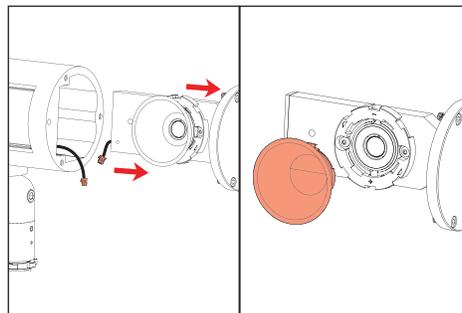
## Standard Instructions

### LED and Optic Replacement



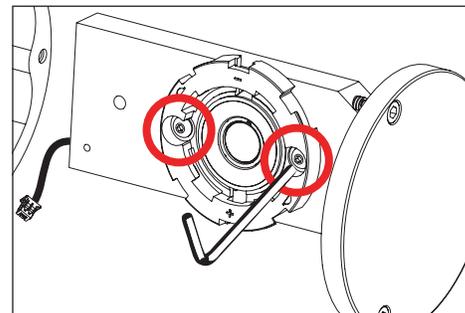
1. Loosen three (3) captive #6-32 screws securing cap/socket assembly with a 7/64" allen wrench.

**⚠ NOTE: Only one end cap is removable.**

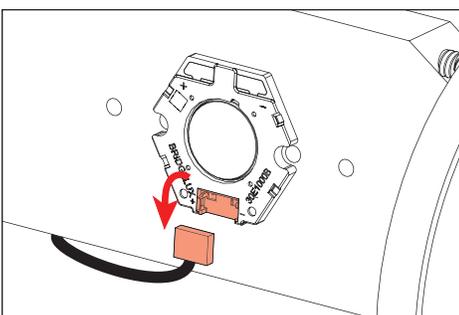


2. Carefully pull out end cap assembly. LED is still attached to leads. Detach heatsink from fixture body via quick disconnect. Twist and gently pull away optic from optic holder.

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

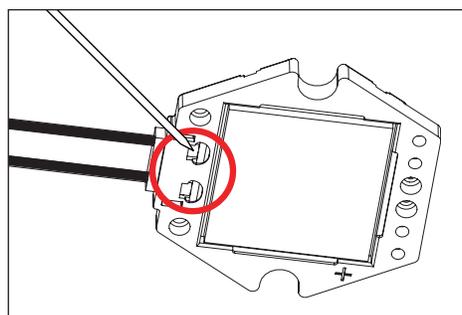


3. Loosen, then remove two (2) #4-40 screws from optic holder and module using a .050" allen wrench.



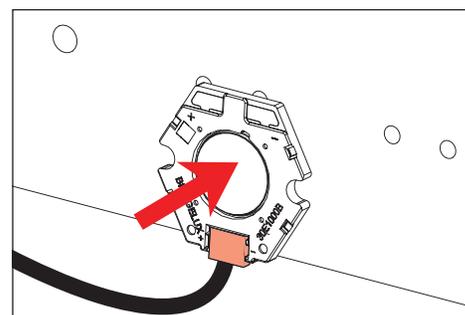
4. Carefully remove LED module from heatsink.

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



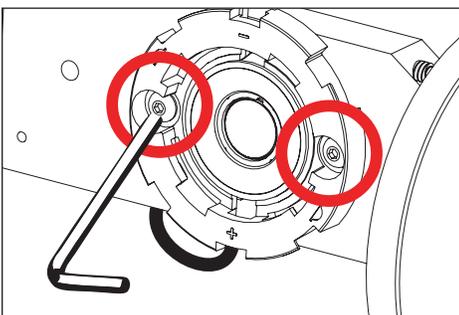
5. Use small pick tool to push connector off LED board through two small slots behind connector. Once loose, lift connector upwards and off board.

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

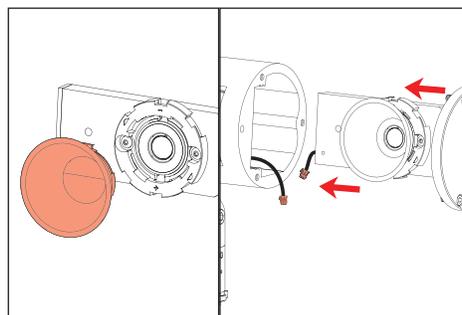


6. Spread thin, even layer of thermal paste on back of new LED module (included). Place new LED module onto heatsink, lining up module with holes for screws. Press connector straight downwards into slot on module to snap into place.

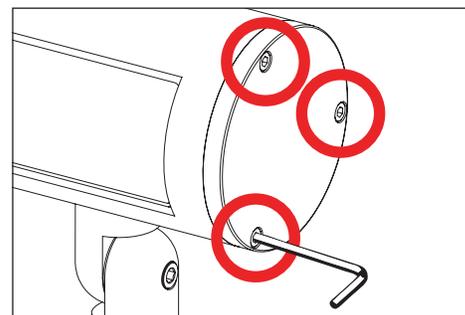
**⚠ Connector will only fit in one direction.**



7. Tighten two (2) #4-40 screws using a .050" allen wrench to secure module and optic holder to heatsink. Ensure that connector leads are in wireway of optic holder.



8. Twist to secure optic to optic holder. Attach heatsink to fixture via quick disconnect.

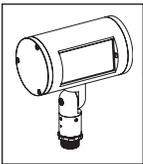


9. Re-install end cap assembly.

10. Tighten three (3) captive #6-32 screws with a 7/64" allen wrench to secure cap assembly.

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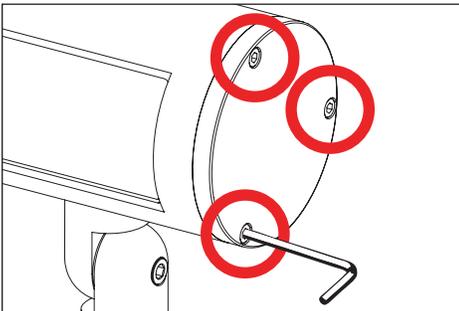


# Standard Instructions

# SARATOGA

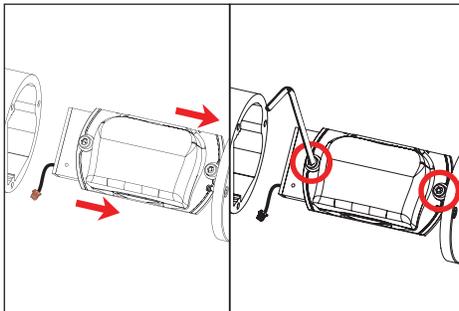
REMOTE - LED

## LED and Optic Replacement - Wall Wash



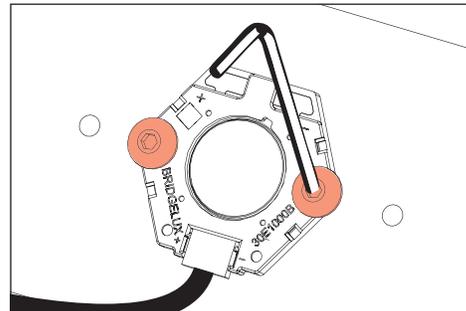
1. Loosen three (3) captive #6-32 screws securing cap/socket assembly with a 7/64" allen wrench.

**⚠ NOTE: Only one end cap is removable.**

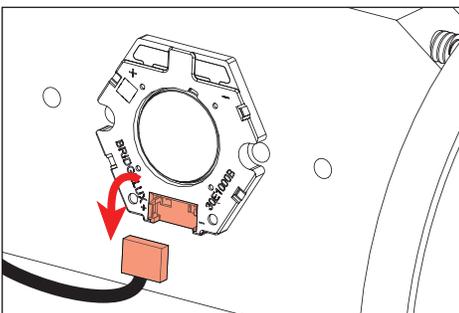


2. Carefully pull out end cap assembly. LED is still attached to leads. Detach heatsink from fixture body via quick disconnect. Loosen, then remove two (2) #8-32 screws from optic holder using a 5/64" allen wrench.

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

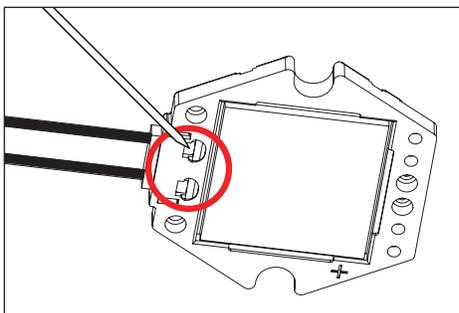


3. Remove two (2) #4-40 screws holding LED module to heatsink using a 0.050" allen wrench.



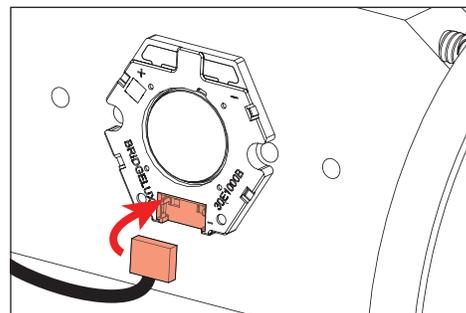
4. Carefully remove LED module from heatsink.

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



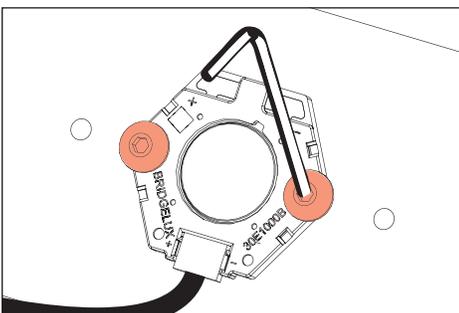
5. Use small pick tool to push connector off LED board through two small slots behind connector. Once loose, lift connector upwards and off board.

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

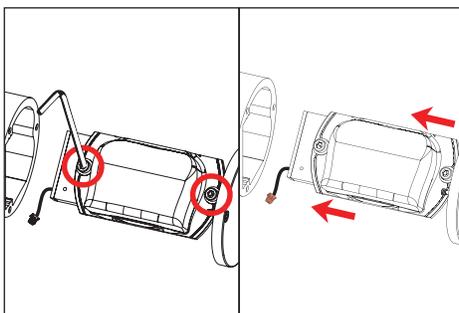


6. Spread thin, even layer of thermal paste on back of new LED module (included). Place new LED module onto heatsink, lining up module with holes for screws. Press connector straight downwards into slot on module to snap into place.

**⚠ Connector will only fit in one direction.**

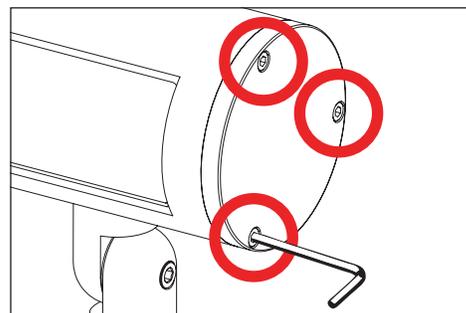


7. Tighten two (2) #4-40 screws using a 0.050" allen wrench to secure LED module to heatsink.



8. Line up wall wash optic with mounting screw holes on heatsink, then secure with two (2) #8-32 screws using a 5/64" allen wrench.

9. Attach heatsink to fixture via quick disconnect.



10. Re-install end cap assembly.

11. Tighten three (3) captive #6-32 screws with a 7/64" allen wrench to secure cap assembly.

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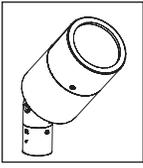


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INS-2784-00



## Standard Adjustment

# 360SL KNUCKLE MOUNTING SYSTEM



Flammable



Warning



Hot Surface

### TOOLS NEEDED:

➤ 5/32" & 5/64" Allen wrench

### 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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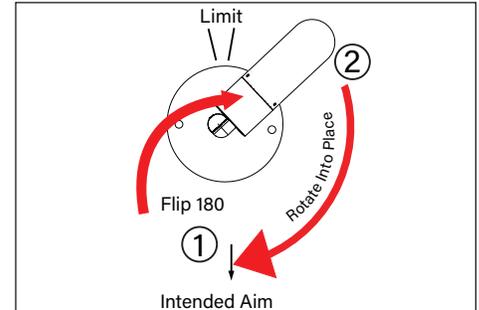
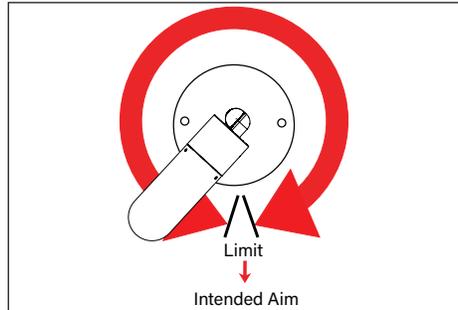
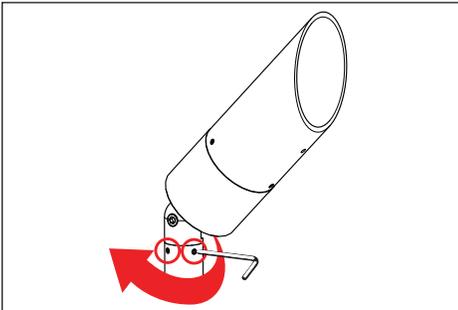
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- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and 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

## 360SL Knuckle Mounting System



1. Use a 5/64" allen wrench to slightly loosen two (2) #8-32 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 5/64" and 5/32" allen wrench, slightly loosen both set screws in the knuckle and knuckle screw 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 two (2) #8-32 set screws using a 5/64" allen wrench and one (1) #10-32 screw using a 5/32" 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.**

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

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