

### Standard Installation

# DENALI, HUME, RIO

## INTEGRAL - ROUND/SQUARE POLES



Flammable



Warning



High Voltage



Hot Surface

#### TOOLS NEEDED:

- 3/16" & 5/64" Allen Wrench
- Waterproof Wire Connectors
- Adjustable Crescent 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.

**SAVE THESE INSTRUCTIONS**

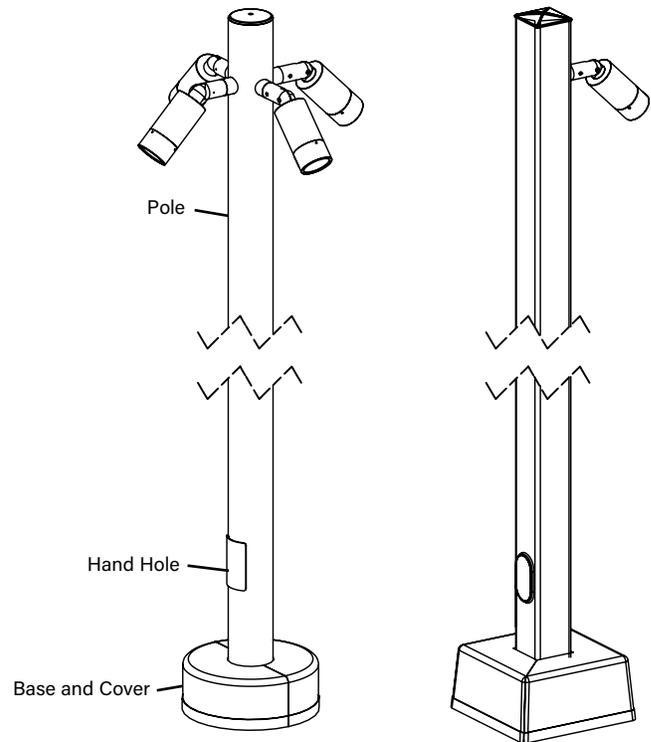
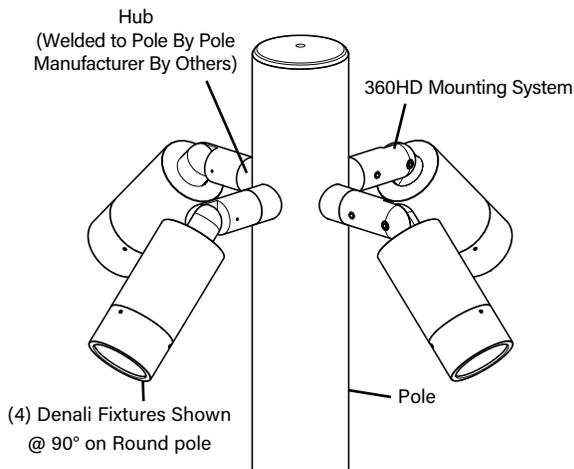
### IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS

- 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

### DE-TR, HU-TR, RI-TR



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

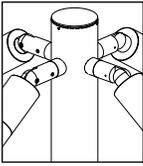
# B-K LIGHTING

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RELEASE DATE  
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INS-2874-00

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## Standard Installation

# DENALI, HUME, RIO

ROUND/SQUARE POLES

### Phase 1 - Install Pole (Installation of Pole)

1. The concrete foundation must be designed by a qualified engineer with knowledge of the local soil conditions.
2. The bolt circle template provided with pole conforms to the bolt circle of the pole base.
3. Install conduit to be used with this product. Pull wiring necessary for installation. Leave sufficient wire length in the pole for future service.
4. When leveling nuts are used, the bottom of the lowest leveling nut should not be more than 1" from the concrete surface.

**⚠ Large spaces between the pole base plate and the concrete can cause excessive stresses in the anchor bolts.**

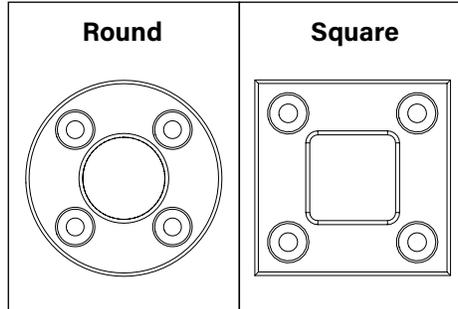
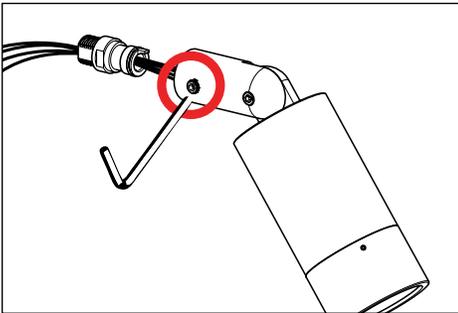


DIAGRAM - Base

5. See anchor bolt template provided with pole for correct bolt circle and slot size.

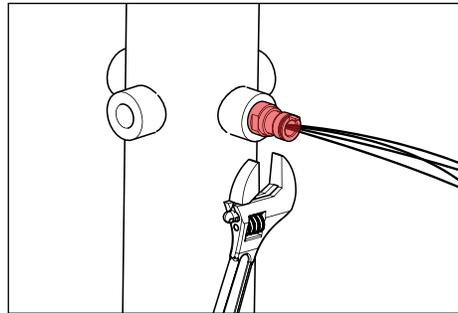
**⚠ When setting anchor bolts, bolts must be vertically straight.**

### Phase 2 - Fixture Installation

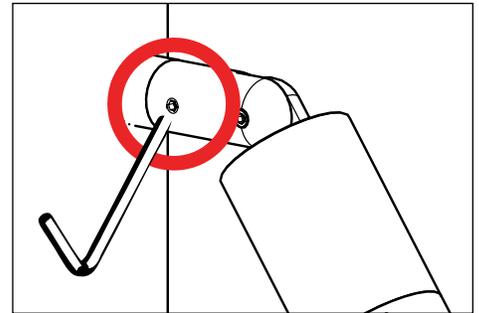


1. Separate 360HD nipple from fixture by loosening 3/8"-16 set screw using a 3/16" allen wrench.

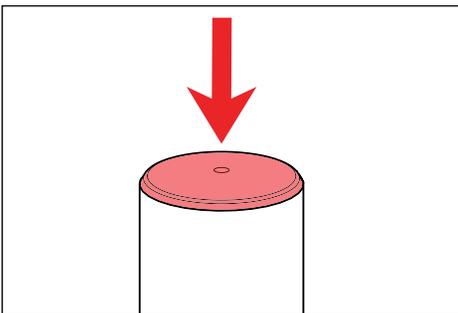
**⚠ Do not fully remove set screw**



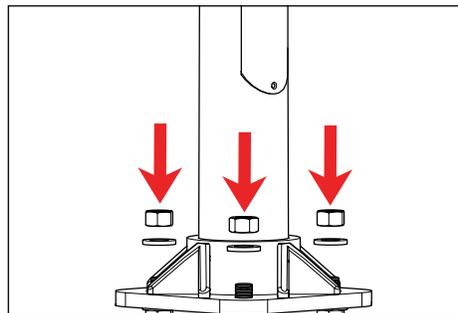
2. Thread 360HD nipple into tapped mounting hub. Install using an adjustable crescent wrench on flats of nipple and tighten until secure.



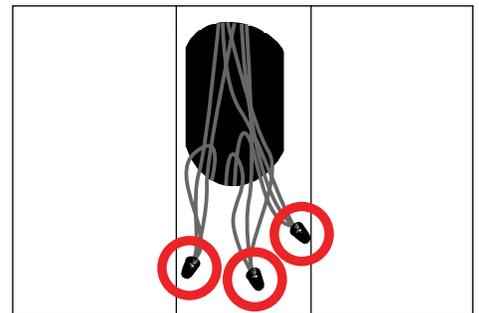
3. Feed fixture leads through nipple and into pole. Re-attach fixture by placing onto nipple and secure in place by tightening 3/8"-16 set screw using a 3/16" allen wrench. Repeat for remaining fixtures.



4. Install pole cap provided with pole.



5. Erect pole. Position over anchor bolts and set on leveling nuts and washers.
6. Place anchor nuts and washers on anchor bolts and tighten once pole is plumb.



7. Pull fixture leads and primary branch circuit wiring out of hand hole opening. Make connections using waterproof wire connectors. **See wiring diagram.**

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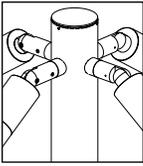


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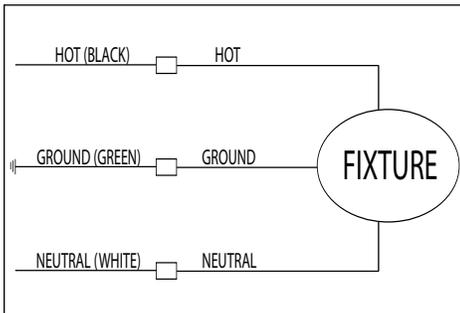
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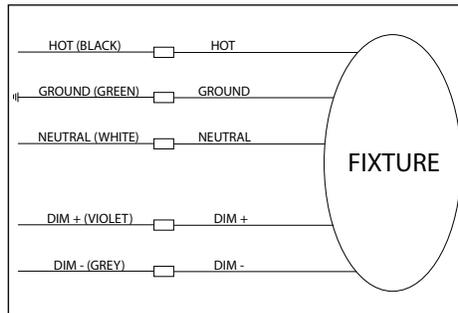
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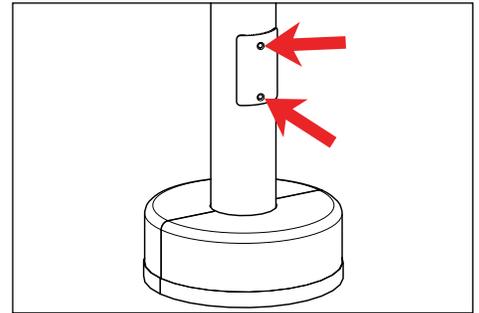
ROUND/SQUARE POLES



WIRING DIAGRAM



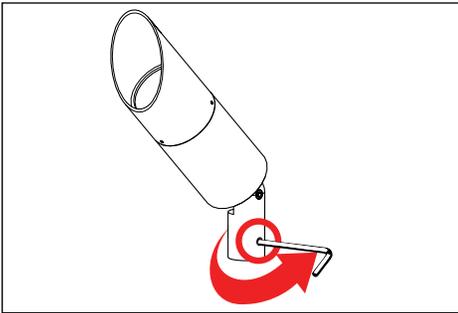
WIRING DIAGRAM - Dimming



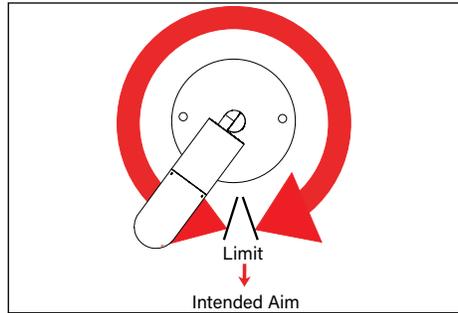
- Place all connections inside pole base via hand hole. Close hand hole and base cover.

**⚠ All line voltage connections must be made in compliance with the National Electrical Code. Failure to do so will void warranty.**

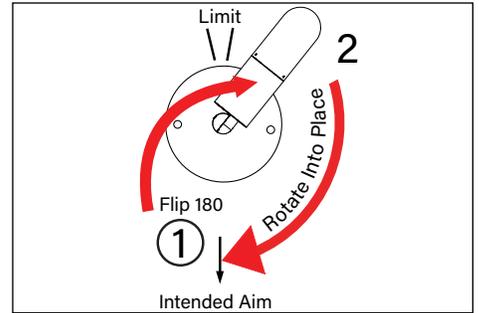
## 360HD Knuckle Mounting System



- Use a 3/16" allen wrench to slightly loosen one (1) 3/8"-16 set screw on the knuckle for 360° aiming purpose.
- Rotate fixture at base and aim fixture to desired horizontal location.



- 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.



- 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.
- 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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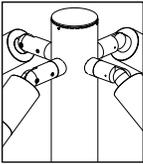


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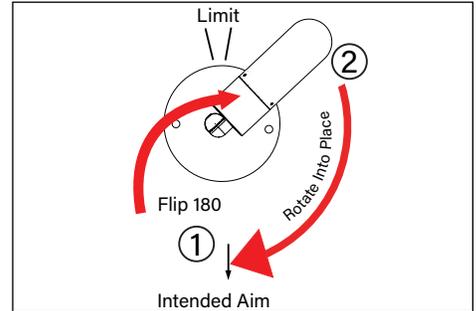
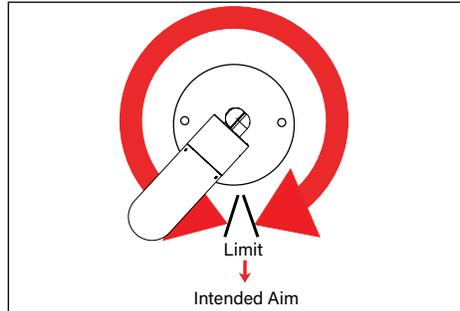
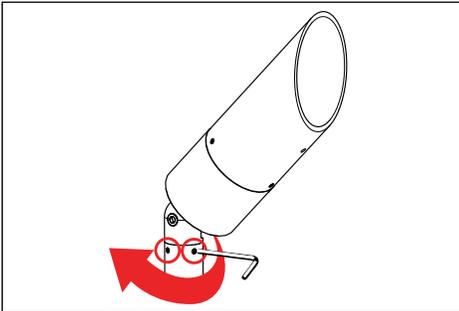


### Standard Installation

# DENALI, HUME, RIO

ROUND/SQUARE POLES

## 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.**

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