

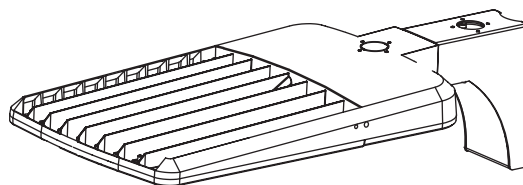
# ALX™ Series

## LED Area Luminaire

Includes: ALX-150UX, ALX-300UX

**aleo**™  
LED LIGHTING

## INSTALLATION INSTRUCTIONS



### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

#### WARNING

##### FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN SERIOUS INJURY OR DAMAGE TO PROPERTY

For your safety, thoroughly read these instructions and warnings in its entirety prior to installing or servicing this product. These instructions do not attempt to cover all installation and maintenance circumstances. If you do not understand these instructions or if additional information is needed, please contact Aleo Lighting customer service.

#### WARNING

##### RISK OF FIRE OR ELECTRIC SHOCK

This product must be installed and serviced by a professional electrician in accordance with applicable federal, state, and local laws, regulations, and electrical code. If not qualified, do not attempt installation of this product. Contact a qualified electrician.

#### WARNING

##### RISK OF FIRE, ELECTRIC SHOCK, or PERSONAL INJURY

To avoid risk of electrical shock, turn off power before installing or servicing.

Verify that supply voltage is correct by comparing with the input voltage on the luminaire label

Make all electrical and ground connections in accordance with NEC and any applicable code requirements

#### WARNING

##### RISK OF PERSONAL INJURY

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects  
Do not make or alter any open holes in any of the enclosures with wiring or electrical components during installation

### SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

Suitable for Wet Location. This luminaire is NOT meant to be mounted upside down with the lens facing the sky.

#### WARNING

This luminaire is made for permanent installation in ordinary (non-hazardous) locations in accordance with NEC code and all applicable local and federal codes. Do not use in applications with limited ventilation or high ambient temperature enclosures.

#### TURN OFF POWER BEFORE INSTALLING

#### Electrical Connection

Connect BLACK (line) driver lead to voltage supply Line position (HOT).  
Connect driver WHITE lead to the NEUTRAL supply position.  
Connect the GREEN ground lead to the supply ground lead.

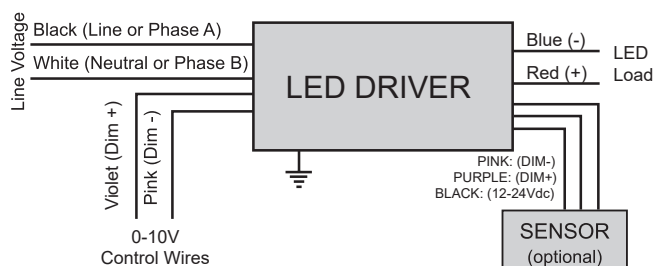
##### If using 0-10V dimming:

Connect VIOLET lead to supply POSITIVE dimming lead.  
Connect PINK lead to the supply NEGATIVE dimming lead.

##### If NOT using 0-10V dimming:

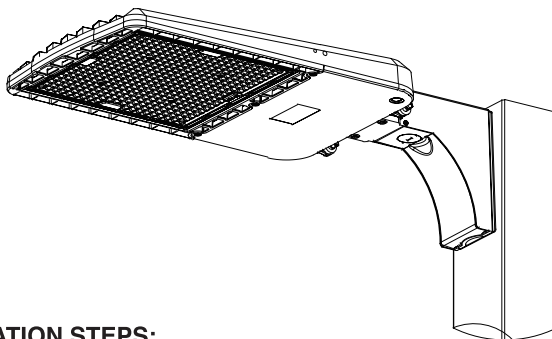
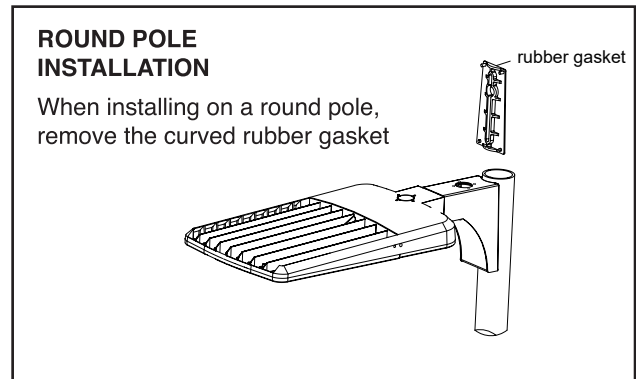
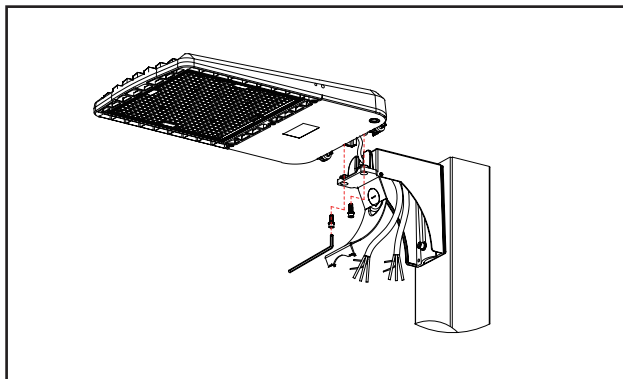
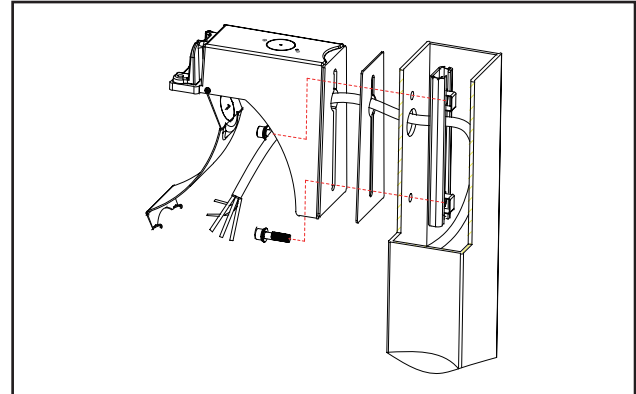
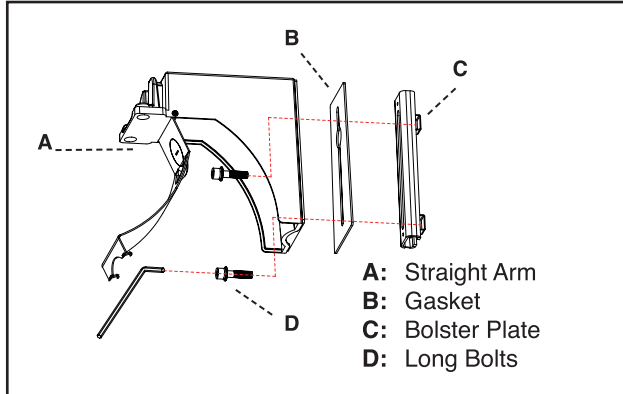
Ensure VIOLET and PINK 0-10V dimming leads are properly capped.

#### Wiring Diagram



### TO INSTALL:

#### ALX-ASA STRAIGHT ARM POLE MOUNT INSTALLATION



#### INSTALLATION STEPS:

Check that the pole is drilled according to Pole Drilling Pattern

Unhinge arm cover from Straight Arm (A)

Insert Long Bolts (D) through Arm (A), Gasket (B), and Pole. Thread into the Bolster Plate (C)

Ensure Gasket (B) is positioned between the Arm and Pole.

Secure with bolts, washers, and lock washers

Make necessary wiring connections inside Arm. SEE PAGE 1 for Electrical Connection and wiring diagram instructions.

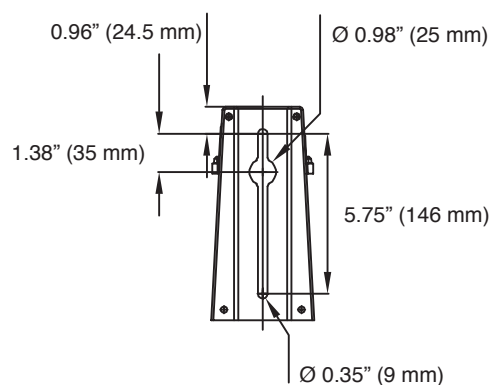
Secure the Arm cover.

Slide Fixture Head onto Straight Arm Mount

Tighten Screws on the bottom of the fixture head and Straight Arm

#### Drill Pattern

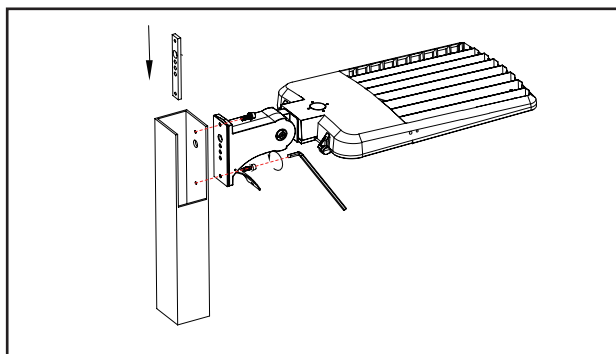
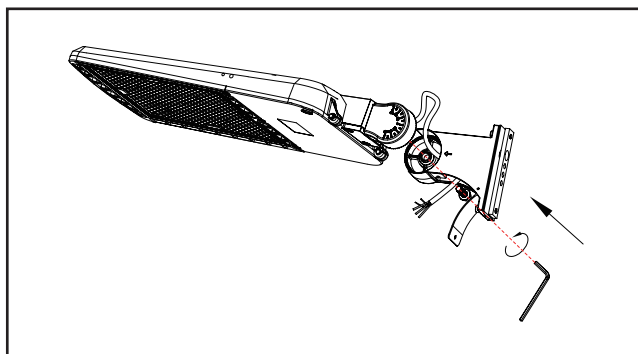
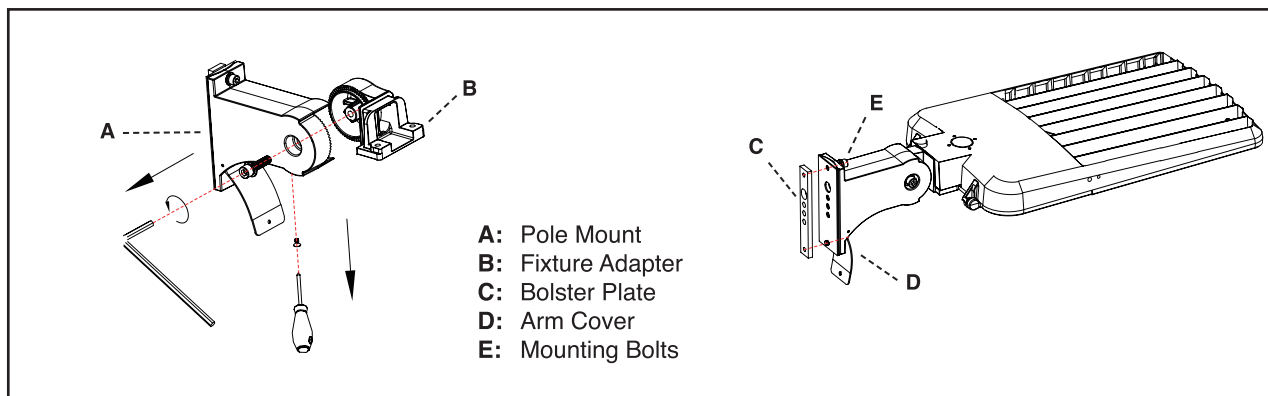
#### ALX-ASA



# TO INSTALL:

## ALX™ Series LED Area Luminaire

### ALX-ASR ROTATABLE ARM POLE MOUNT INSTALLATION



#### INSTALLATION STEPS:

Check that the pole is drilled according to Pole Drilling Pattern

Disassemble the arm with a hex wrench

Thread the fixture's AC input wires through the Fixture Adapter (B) part of the arm, engage and mate the arm with the Fixture and tighten the (2) bolts.

Remove the screw and open the Arm Cover (D)

Ensure Gasket is positioned between the Arm and Pole.

Secure with bolts, washers, and lock washers

Thread (2) Mounting Bolts (E) through the arm and gasket.

Place Bolster Plate (C) inside the pole to engage the Mounting Bolts. (When installing on a round pole, remove the curved rubber gasket)

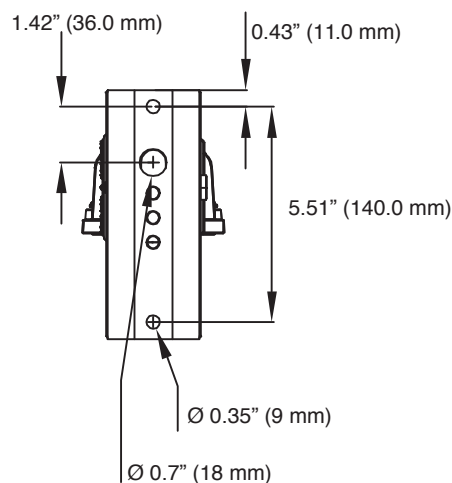
Ensure the Arm is securely mounted to the pole by fastening the Mounting Bolts

Make necessary wiring connections. SEE PAGE 1 for Electrical Connection and wiring diagram instructions.

Secure the Arm cover.

Adjust to the desired angle by loosening the bolt on the rotating knuckle of the Arm

#### Drill Pattern ALX-ASR

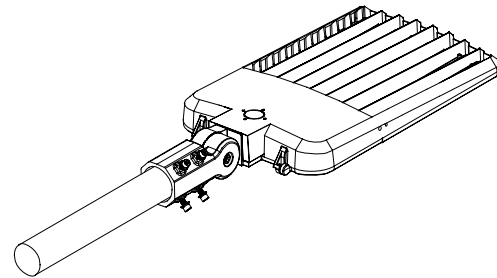
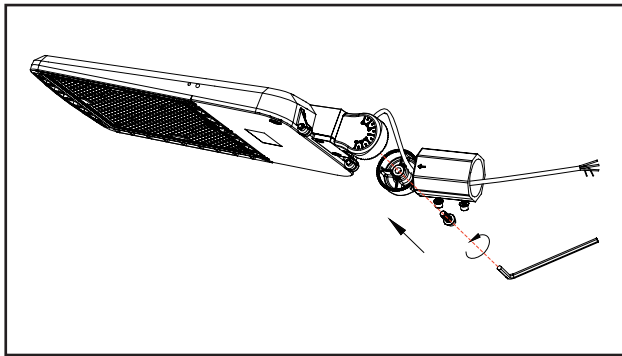
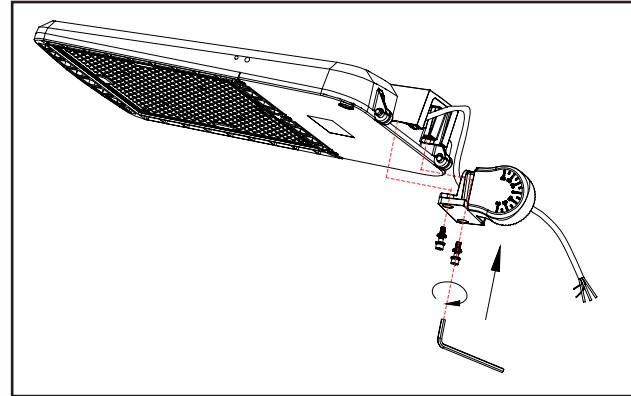
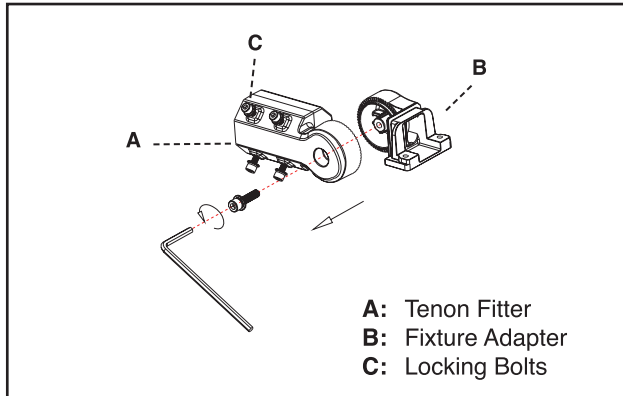


#### ROUND POLE INSTALLATION

When installing on a round pole, remove the curved rubber gasket

**TO INSTALL:**

**ALX-ASF SLIP FITTER MOUNT  
INSTALLATION**



**INSTALLATION STEPS:**

Slip Fitter Mounting Arm is compatible with Tenons (2.37" max. dia.)

Disassemble the Slip Fitter arm with a hex wrench

Thread the fixture's AC input wires through the Fixture Adapter (B) part of the slip fitter arm, engage and mate the Slip Fitter with the Fixture and tighten the (2) bolts.

Thread the fixtures AC input wires through the Tenon Fitter (B) part of the slip fitter arm

Loosen the (4) Locking Bolts (C)

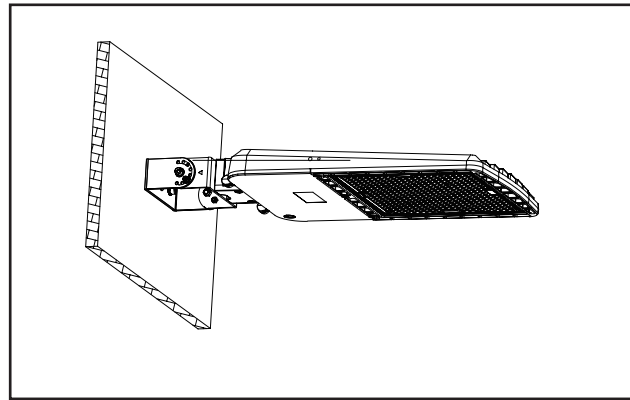
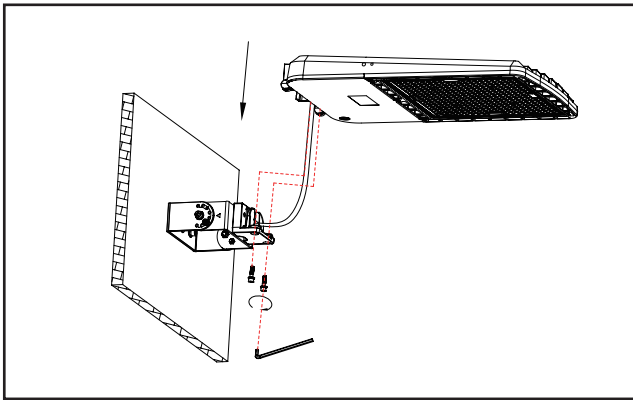
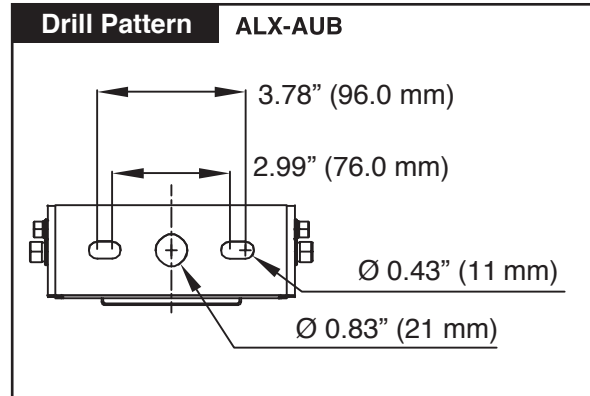
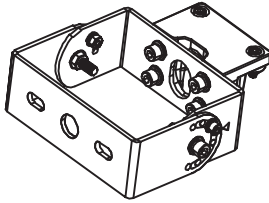
Make necessary wiring connections. SEE PAGE 1 for Electrical Connection and wiring diagram instructions.

Slip the Slip Fitter over the tenon and tighten the (4) Locking Bolts (C)

Adjust to the desired angle by loosening the bolt on the rotating knuckle of the Slip Fitter

## TO INSTALL:

### ALX-AUB ADJUSTABLE TRUNNION MOUNT INSTALLATION



#### INSTALLATION STEPS:

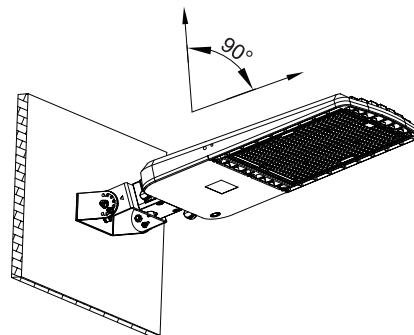
Check that the surface structure is drilled according to Trunnion Mount Drilling Pattern, drill a minimum of two (2) holes in the surface where the luminaire is to be mounted.

Ensure that the mounting position can safely support the weight of the luminaire. Mount the Trunnion Bracket using studs to the surface structure. Make sure that Trunnion Bracket is securely attached

Feed fixture's AC input wires through the trunnion bracket. Make necessary electrical connections. SEE PAGE 1 for Electrical Connection and wiring diagram instructions.

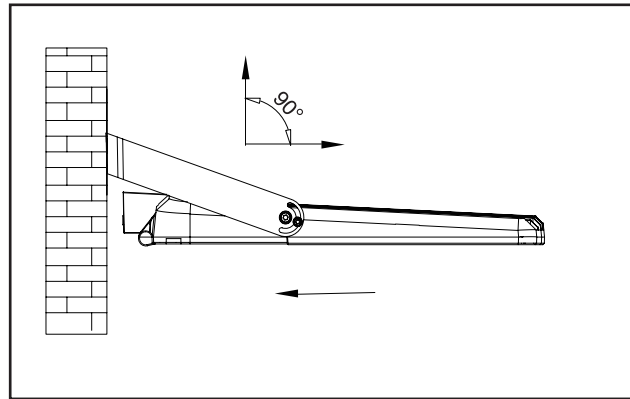
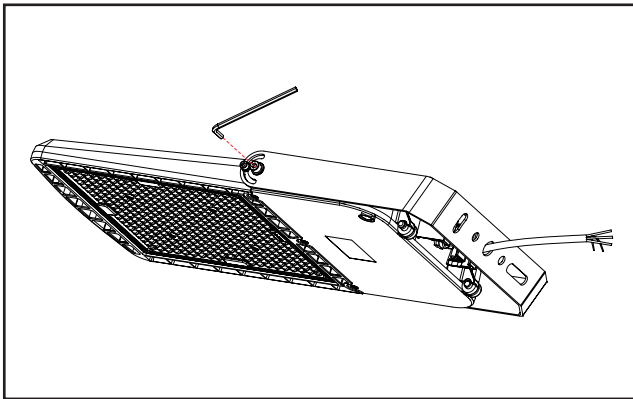
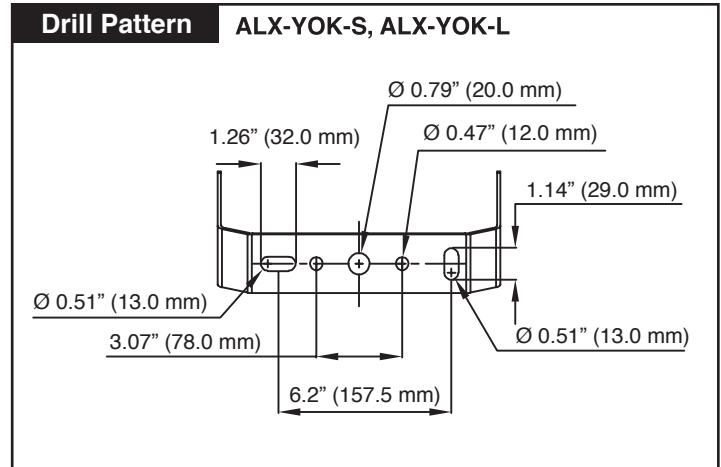
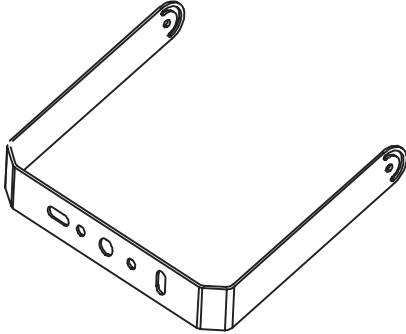
Slide Fixture Head onto Trunnion Bracket. Tighten 2x screws below the bracket.

Adjust angle as needed



### TO INSTALL:

#### ALX-YOK YOKE MOUNT INSTALLATION



#### INSTALLATION STEPS:

Loosen the screws on both sides of the Yoke bracket with a hex wrench and attach it to the side holes of the fixture head, adjust to desired angle and tighten screws.

Check that the surface structure is drilled according to Yoke Mount Drilling Pattern.

Ensure that the mounting position can safely support the weight of the luminaire. Mount the Yoke Bracket using studs to the surface structure. Make sure that Yoke Bracket is securely attached

Make necessary electrical connections. SEE PAGE 1 for Electrical Connection and wiring diagram instructions.

Ensure there is proper waterproofing and gasketing in all necessary locations to prevent water and moisture intrusion to the electrical connection and luminaire.

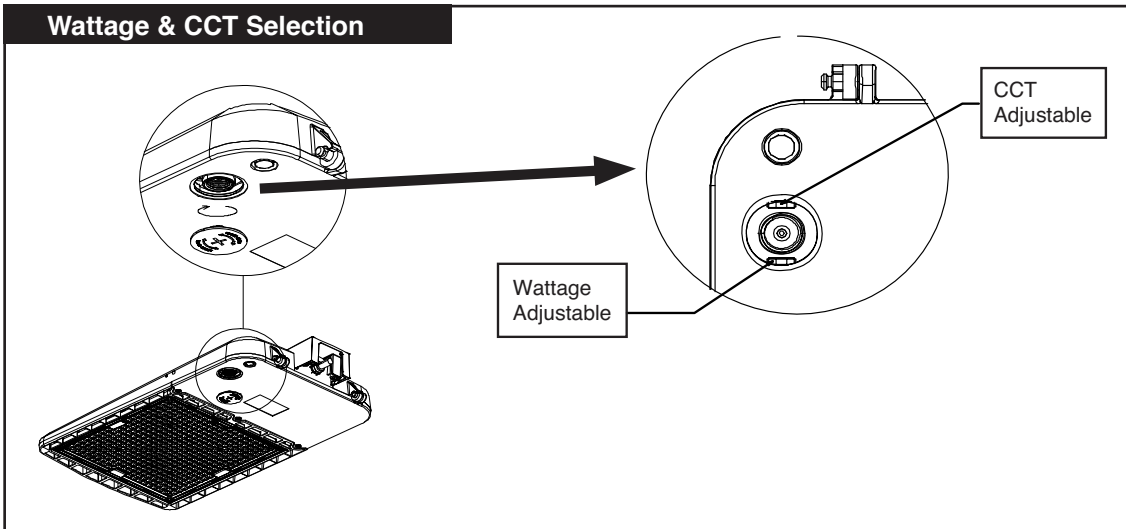
Adjust angle as needed

## TO FIELD ADJUST:

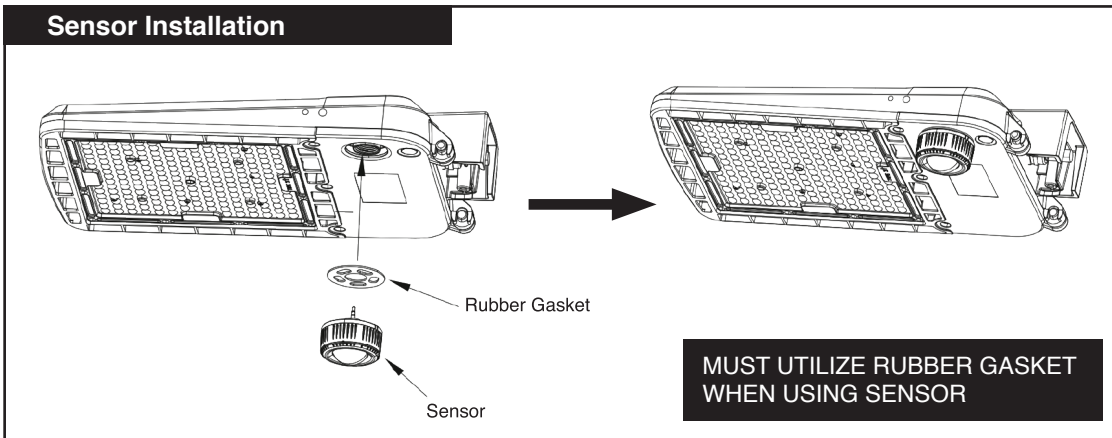
# ALX™ Series

## LED Area Luminaire

### Wattage & CCT Selection



### Sensor Installation



**aleo™**  
LED LIGHTING

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