

### IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

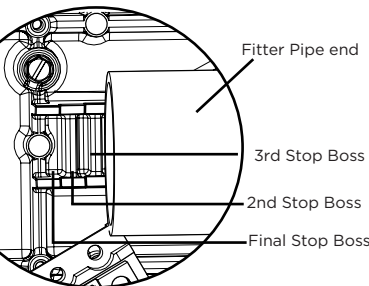
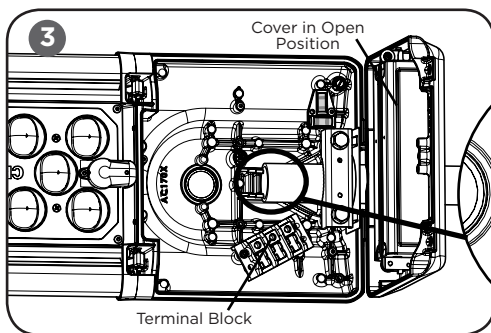
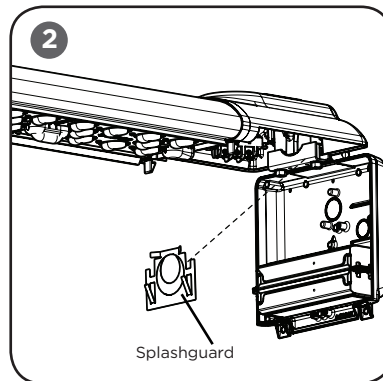
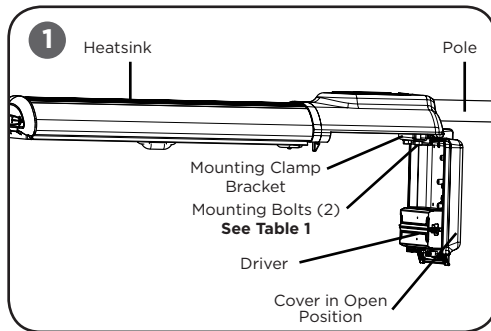
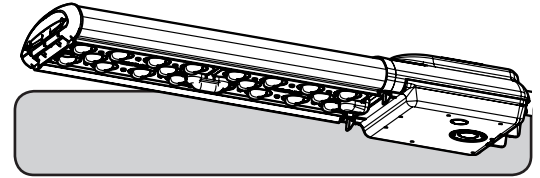
### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. To avoid the possibility of electrical shock, turn off power supply before installation or servicing. Installation and servicing should be performed by qualified personnel.
2. When closing cover of fixture, be sure all wires are inside housing to avoid pinching wires.
3. If NEMA photo control is installed refer to NEMA Receptacle section for instructions.
4. Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
5. If mounting bolts are completely removed in the field they should be hand threaded (prior to use of power tools) to ensure proper engagement of the thread when re-installing. Failure to pre-start threads may result in cross-threading or stripping of the bolts during reinstallation.

### SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

### TO INSTALL:

### INSTALLATION INSTRUCTIONS



### STANDARD MOUNTING

#### STEP 1:

**DO NOT** remove splashguard from fixture. If mounting fixture to 1.25 IP pipe (1.66 O.D.), there is no need to modify the splashguard. If mounting fixture onto 2.0 IP pipe (2.38 O.D.), remove the knockout of the splashguard thru the rear opening of the fixture while the fixture is closed. See **Figure 2**.

#### STEP 2:

To open cover, hold fixture by heat sink with the light bars facing down and hinges facing away. Simultaneously pull latches and the cover to swing open. Splashguard may dislodge from fixture, but should be repositioned once ready to mount. See **Figure 1**.

#### STEP 3:

Slide fixture on to pole through opening on the rear of housing and through splashguard.

#### STEP 4:

To level fixture, use bubble level located inside housing. Adjust leveling of fixture from side to side. To level from front to back, slide pole to different step in upper housing. Each step changes the angle in 2.5° increments. See **Figure 3**.

#### STEP 5:

Once desired position is achieved, tighten (2) mounting bolts to the appropriate torque values specified in **TABLE 1**. See **Figure 1** (use 9/16" wrench socket).

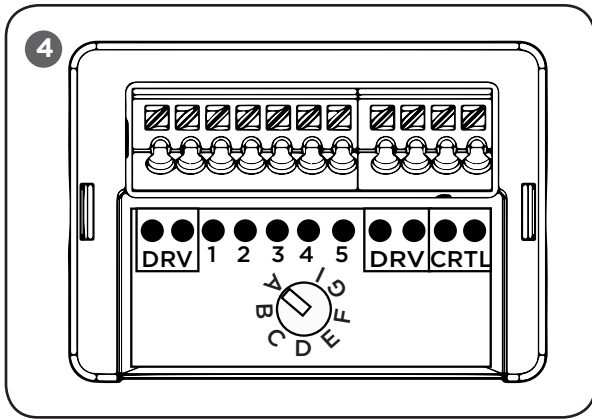
**IMPORTANT - DO NOT** exceed these torque levels on the mount bolts. Exceeding recommended torque value resulting in excessive deformation of mounting bracket will cause stripping of mount hardware which could lead to an unsafe mounting condition.

#### STEP 6:

Reference "**Electrical Connections**" section for completing electrical connections.

**TABLE 1**

Pipe Size	Pipe Position	Bolt Torque Required (in-lbs)	Bolt Torque Required (N-m)
1.66 in O.D.	+5.0 degrees tilt	400	45
	+2.5 degrees tilt	400	45
	0 degrees (no tilt)	400	45
	-2.5 degrees tilt	700	79
	-5.0 degrees tilt	850	96
2.38 in O.D.	+5.0 degrees tilt	300	33
	+2.5 degrees tilt	300	33
	0 degrees (no tilt)	300	33
	-2.5 degrees tilt	300	33
	-5.0 degrees tilt	300	33



## NEMA RECEPTACLE (OPTIONAL)

### STEP 1:

**DO NOT** loosen/tighten flat head screws for the NEMA receptacle.

### STEP 2:

Rotational adjustment of the photo control is tool-less.

### STEP 3:

Engage/install photo control into NEMA receptacle on top of the fixture.

### STEP 4:

Firmly rotate photo-control with its photo-eye approximately in the 'N' north direction. Some photo-controls operate best somewhere between NW and NE.

## FIELD ADJUSTABLE DIMMING (OPTIONAL)

**NOTE:** This luminaire may be provided with field adjustable dimming. Luminaires leave the factory adjusted to the maximum setting specified when ordered. Visit [www.cree.com/Lighting/Document-Library](http://www.cree.com/Lighting/Document-Library) for product dimming spec sheet.

### STEP 1:

The Dimming module is located inside the luminaire. Open the cover by loosening the captive D-ring and allow the cover to swing open.

### STEP 2:

Establish the desired input power multiplier by referring to the product dimming spec sheet and turn the switch to the correlating position

### STEP 3:

Adjust the Dimming Module, see **Figure 4**, to the selected position and close the cover ensuring no wires are pinched.

**NOTE:** The Utility Option will be limited to the highest setting ordered.

## ELECTRICAL CONNECTIONS PHASE TO NEUTRAL WIRING

### STEP 1:

Make the following Electrical Connections:

- Connect supply ground conductor to green wire position of the terminal block within the LED Driver Enclosure.
- Connect supply voltage conductor to black wire position of the terminal block within the LED Driver Enclosure.
- Connect supply neutral conductor to the white wire position of the terminal block within the LED Driver Enclosure.

### STEP 2:

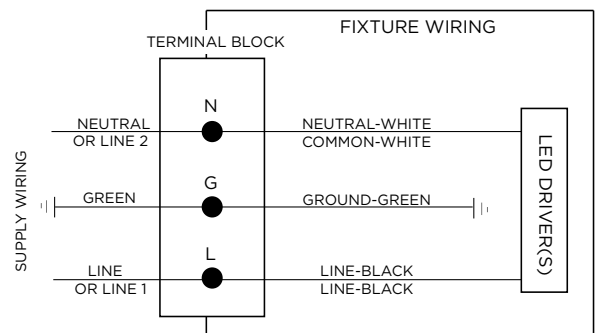
Push excess supply wires into pole.

### STEP 3:

Close cover by firmly pushing cover towards fixture, making sure that no wires are pinched and latches are fully engaged.

### STEP 4:

Insulate all electrical connections with wire nuts suitable for at least 90°C



## ELECTRICAL CONNECTIONS

### PHASE TO PHASE WIRING

#### STEP 1:

Make the following Electrical Connections:

- Connect supply ground conductor to green wire position of the terminal block within the LED Driver Enclosure.
- Connect supply L1 (Hot) conductor to black wire position of the terminal block within the LED Driver Enclosure.
- Connect supply L2 (Hot) conductor to the white wire position of the terminal block within the LED Driver Enclosure.

#### STEP 2:

Push excess supply wires into pole.

#### STEP 3:

Close cover by firmly pushing cover towards fixture, making sure that no wires are pinched and latches are fully engaged.

#### STEP 4:

Insulate all electrical connections with wire nuts suitable for at least 90°C

