IMPORTANT SAFEGUARDS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. DANGER - Risk of shock. Disconnect power before installation.
   Danger – Risque de choc – Couper l'alimentation avant l’installation.
2. This luminaire must be installed in accordance with the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician. Ce produit doit être installé conformément à NEC ou votre code électrique local. Si vous n’êtes pas familier avec ces codes et ces exigences, veuillez contacter un électricien qualifié.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

• Prior to installation, store luminaire in a dry location protected from rain, dust, and outdoor environment. If equipped with a photocell receptacle, remove the protective cover only if immediately replacing with a suitable photocell, shorting cap, or other compatible device. The protective socket cover is not intended to remain in place after installation. Do NOT leave receptacle open to environmental elements. Luminaires with a top-mounted photocell receptacle should not be installed in an up-light position or at a tilt greater than 45 degrees from the down-light position.

TO INSTALL:

ADJUSTABLE ARM MOUNT INSTALLATION

NOTE: A 3/16” Allen screw driver is needed to tighten the set screws.
NOTE: Access to Components Compartment is not necessary for installation. To access the Components Compartment, loosen [5] self-retaining screws on the luminaire Cover Door. See Figure 1.

STEP 1: Remove the wiring compartment cover from the adjustable fitter and set cover aside to reinstall later. See Figure 1.

STEP 2: Route the luminaire power supply cord into the adjustable fitter wiring compartment.


STEP 4: Cut leads 3” of length from the end of the luminaire power supply cord and re-strip the ends of the leads.

STEP 5: Route the pole's supply leads up through the adjustable fitter and into the adjustable fitter wiring compartment by puncturing the internal seal with the supply leads. See Figure 1.

STEP 6: Strain relief is required for electrical connections on the adjustable fitter mount for mount heights of 25’ [7.6 m] and higher. Tie a knot in the supply wires above the hole in the adjustable fitter wiring compartment to reduce the strain on the connections. Make sure knot will not slip through hole.

STEP 7: Slip adjustable fitter over 2-3/8” [60 mm] O.D. heavy wall pipe or tenon and securely tighten two Allen head set screws with 3/16” Allen wrench to 18 ft. lbs. (24 N•m). See Figure 1.

STEP 8: Make wire connections in wiring compartment per Electrical Connections section on the back page.

STEP 9: Replace the adjustable fitter compartment cover that was removed in Step 1 and secure with [3] self-retaining screws. Make sure not to pinch the O-ring. See Figure 1.
**FIXTURE AIMING**

**STEP 1:**
Adjust fixture to desired aiming angle. The fixture may be aimed at 2-1/2° increments. Markings are located on outside of fitter for ease of aiming. See Figure 2.

**STEP 2:**
Tighten 3/8” bolt in fitter wiring compartment to approximately 19 ft.lbs. (25 N•m).

**STEP 3:**
Replace the adjustable fitter wiring compartment cover that was removed in Step 1 of Adjustable Arm Mount Installation section and secure with (3) self retaining screws. Make sure not to pinch the O-ring. See Figure 1.

**NEMA® RECEPTACLE (OPTIONAL)**

**STEP 1:**
Remove protective cap.

**STEP 2:**
Rotational adjustment of the photocontrol receptacle is tool-less. DO NOT loosen/tighten the screws securing the receptacle to the housing.

**STEP 3:**
Engage/install photocontrol into photocontrol receptacle on to of luminaire.

**STEP 4:**
If necessary, rotate photo-control so its photo-eye is aimed in the north direction. Some photo-controls operate best somewhere between north-west and north-east.

**FIELD ADJUSTABLE DIMMING - (OPTIONAL)**

**NOTE:** This luminaire may be provided with field adjustable dimming. If so, luminaires leave the factory adjusted to the maximum setting specified when ordered. Visit www.cree.com/Lighting/Document-Library for product dimming spec sheet.

**STEP 1:**
The Dimming module is located inside the luminaire. Open the luminaire door cover by loosening the (5) screws. See Figure 1.

**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 3, to the selected position and reinstall the cover ensuring no wires are pinched.
ELECTRICAL CONNECTIONS

STEP 1:
NOTE: For luminaires with PML sensor will have the dimming leads capped off. Keep the dimming leads on these luminaires capped off.

Using Listed 90°C minimum rated wire connectors make the following electrical connections within the adjustable fitter wiring compartment:

- a. For 120/277/347V connect the black fixture lead to the voltage supply or Hot 1 (for 208/240/480V wiring).
- b. For 120/277/347V connect the white fixture lead to the neutral supply or Hot 2 (for 208/240/480V wiring).
- c. Connect the green or green/yellow ground lead to ground.
- d. If Dimming is an option; connect the blue dimming positive fixture lead to the supply dimming positive lead.
- e. If Dimming is an option; connect the white/black dimming negative fixture lead to the supply dimming negative lead.
- f. Connect orange fixture lead to orange supply lead.
- g. Connect red fixture lead to brown supply lead.