Cree Edge™
LED AREA DIRECT MOUNT
Includes: ARE-EDG-DA, ARE-EDG-DL, ARE-EDR-DA and ARE-EDR-DL

INSTALLATION INSTRUCTIONS

TO INSTALL:

MOUNTING

STEP 1:
Use dimensions on template shown in Figure 2 for drilling if pole is not pre-drilled. (Template not to scale.)

STEP 2:
Insert Backing Plate with pre-assembled bolt through the top mounting hole. See Figure 1.

STEP 3:
Place gasket over bolt extending from pole. See Figure 1.

STEP 4:
Place the top hole of the Universal mounting arm over the top bolt from the pole and secure with lock washer and 5/16” hex nut.

STEP 5:
Install remaining bolt with lock-washer thru the bottom hole and thread into the Universal mounting arm. See Figure 1.

STEP 6:
Torque 5/16” hex nut and bolt to 132 in. lbs. (15 N•m). Install fixture by sliding the fixture arm into the slot in the Universal mounting arm. See Figure 1.

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.

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.

3. When handling, hold fixture on sides to prevent damage to the top screen or LED’s.

4. Take care to keep the LED lenses clean during installation.

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.
ELECTRICAL CONNECTIONS AND FINAL ASSEMBLY

STEP 1:
Route supply wire from the pole into the Universal Mounting arm. See Figure 3. The supply wire should be long enough to extend at least 3” into the fixture arm.

STEP 2:
Strip 3/8” of insulation from supply wires and insert one wire into each of the three holes in the grommet. Push the supply wires thru the plug so that they puncture and go thru the grommet. Pull the wires so that 3” of wire extend from the grommet. See Figure 4.

STEP 3:
Install the grommet with wires into the wire channel between the Universal Mounting arm and the fixture arm. See Figure 3.
Note: The grommet should be installed with the flange side flush to the rear wall of the fixture arm.

STEP 4:
Install the mounting clip with the two screws provided. See Figure 1.

STEP 5:
Insert supply wires into the appropriate terminal connection and make electrical connections per “ELECTRICAL CONNECTION” section.
IMPORTANT: Damage to fixture will result when improper voltage is applied. Verify fixture is suitable for supply voltage by checking electrical label on fixture.

STEP 6:
Connect the ground lead from the arm cover into the appropriate terminal connection.

STEP 7:
Install arm cover over both the Universal Mounting Arm and the fixture arm using provided screws. See Figure 5.

NEMA RECEPTACLE (OPTIONAL)

STEP 1:
Remove protective cap.

STEP 2:
Loosen two flat head screws holding NEMA receptacle to housing a few turns.

STEP 3:
Locate the N symbol on receptacle, representing north.

STEP 4:
Rotate N approximately north, some photo controls operate best somewhere between NW and NE.

STEP 5:
Once orientation of receptacle is complete, tighten screws from Step 1.

STEP 6:
Install photo control [supplied by customer].
**ELECTRICAL CONNECTIONS-**  
PHASE to NEUTRAL WIRING – 120/277V

a. Push down on terminal marked for ground and insert supply ground conductor.
b. Push down on terminal marked for N (Neutral) and insert supply Neutral conductor.
c. Push down on terminal marked for L1 (Neutral) and insert supply Hot conductor.

**ELECTRICAL CONNECTIONS-**  
PHASE to PHASE WIRING – 208/240/480V

a. Push down on terminal marked for ground and insert supply ground conductor.
b. Push down on terminal marked for N (Neutral) and insert supply L2 (Hot) conductor.
c. Push down on terminal marked for L1 (Line) and insert supply L1 (Hot) conductor.