



# Cellular Gateway Quick Start Guide

## Location Recommendations

- Gateway should be located such that it is:
  - Mounted outdoors, with a mounting height of  $\geq 20$  feet.
  - Centrally located among the outdoor lights to be controlled and  $< 500$  feet to the closest nodes if possible. Distance to closest nodes should not exceed 1000 feet.
  - Located  $\geq 12$  inches from structures and/or heavy foliage, with a clear line of sight to as many nodes as possible.

## Mounting Options

- **Pole Mounting**  
Use supplied universal mount, articulating bracket & hardware to attach to pole or pipe (See *Figure 1*). Diameter of pole or pipe must be between 1 and 3 inches.
- **Surface Mounting**  
Remove pole/pipe bracket coupling from the universal mount as shown in *Figure 2*; install the articulating arm directly to mounting surface using four  $\frac{1}{4}$ -inch anchor bolts as shown in *Figure 3*.



Figure 1



Figure 2



Figure 3

## Orientation

- Pole/pipe may be vertical or horizontal, as the articulating arm provides universal adjustment.
- Gateway **MUST** be oriented vertically, with the large white antenna pointing up (power connection towards the ground), as shown in *Figure 4*.



Figure 4

## Electrical Supply

- The gateway is supplied with 6 feet of cable and a NEMA twist-lock power tap. The tap will connect directly to the fixture's NEMA receptacle and allows for a ROAM Node to be installed on the top of the tap. See *Figure 5 and 6* for proper installation.
- Acceptable supply voltages include 120V, 208V, 240V or 277V.
- The earth ground lug on the rear of the unit (*Figure 7*) must be utilized. Ensure no wire insulation is captured by terminating screw.



Figure 5



Figure 6



Figure 7