Location Recommendations
✓ Mounted outdoors, with a mounting height of ≥ 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 ≥ 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/pole bracket coupling from the universal mount as shown in Figure 2; install the articulating arm directly to mounting surface using four ¼ inch anchor bolts as shown in Figure 3.

Orientation
✓ Pole/pole 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.

Ethernet Connection
✓ Ethernet cable should be approved for outdoor use and UV rated.
✓ Ethernet cable should not exceed 300’ in length.
✓ Ethernet cable must terminate to an RJ45 connector using T568B wiring standards.
✓ All cables should be tested prior to use.
✓ Ensure cord grip (included) is correctly installed as shown in Figure 5.

Electrical Supply Connection
✓ 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 6 and 7 for proper installation.
✓ Acceptable supply voltages include 120V, 208V, 240V or 277V.
✓ The earth ground lug on the bottom of the unit - Figure 8 must be utilized.
✓ Ensure no wire insulation is captured by terminating screw.
✓ Enclosure shall be grounded using the ground screw by a licensed electrical contractor in accordance with local/ national code requirements.