



Mongoose[®] LED

Roadway Lighting

Area Applications

Interstate Highways
Municipal Streets
Military Bases
Campuses
Commercial Districts
Toll Plazas
Bridges

The innovative Mongoose LED offers the industry's best solution for offset roadway applications, which can greatly reduce installation costs due to wider pole spacing, fewer poles, and less pipe and wire. The Mongoose LED offers up to 70% reduction in energy costs compared to 150-400W HID, coupled with a minimum of 50% reduction in maintenance cost and a system life rated for 100K hrs. Multiple lighting distributions, mounting options, and the ability to tilt the fixture offers flexibility for diverse set of roadway lighting applications.

Key Feature

- + New light engine with prismatic glass optics for increased visual comfort
- + Multiple control options including field-installable and networked embedded controls.
- + New embedded DC powered controls synergize with digital drivers and showcase Acuity Brands[®] vertical integration
- + Bluetooth[®] or Cellular wireless control options now available
- + Digital drivers with pre-loaded asset data and field diagnostic capabilities

Specifications & Performance

- + 150-400W HID replacement
- + 9,500 to 51,000 Lumens and up to 175 LPW
- + Multiple roadway distributions
- + 20kV/10kA extreme surge protection
- + System life rate for > 100,000 at 25°C, L70
- + 5,000-hour salt spray finish standard
- + IP66 rated glass optical / IP65 rated electrical
- + Horizontal mast arm and vertical tenon mounting
- + Decorative universal mounting arm
- + Optional zero-uplight skirt



The Bluetooth[®] word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Acuity Brands Lighting is under license.

Mongoose® LED

Roadway Lighting



Multiple control and sensor options for any need

The Mongoose combines visually comfortable performance with a wide assortment of embedded and field-installed controls and sensors to improve energy savings, enhance system security and simplify asset management.

DTL DC CONNECT

Greatest value for dusk-to-dawn control. Embedded DC-powered photocontrol from DTL reduces common failure points.

nLIGHT® WIRELESS

Available with wireless networked embedded controls from nLight for area/site applications which enables dusk-to-dawn, switching, dimming and scheduling.

DTL LOCAL CONNECT

Embedded DC-powered photocontrol from DTL communicates to Local Connect mobile app and web portal. Also provides a complete database of lighting assets with GPS coordinates and a simple map based interface accessed through the app or the desktop application.

GLOBAL CONNECT

Offers the greatest levels of flexibility and scalability in luminaire configuration options for networked controls, sensors and asset management. Designed to meet NEMA industry standards and Zhaga certifications for receptacles.

CELL CONNECT

Cell Connect is a networked photocontrol with cellular communication. It provides digital switching, precise dimming, and revenue grade metrology. Cell Connect is D4i compliant and leverages embedded D4i drivers to communicate real-time data to UbiVu, a cloud-based asset management system.



DC Connect



Local Connect



nLight® Wireless



Cell Connect



NEMA P7 Receptacle



Zhaga Receptacle

	Dusk to Dawn	Dimming	Scheduling	Embedded Occupancy Sensor	Remote Control	Asset Management	Networked Controls	Sensors	Monitoring
DTL DC Connect	✓								
nLight	✓	✓	✓	✓	✓		✓		
DTL Local Connect	✓	✓	✓		Bluetooth	✓			
Global Connect	*	*	*		*	*	*	*	*
Cell Connect	✓	✓	✓		✓	✓	✓	*	✓

* Capabilities with P7 & Zhaga receptacles are obtained through a variety of DTL or 3rd party plug-in control nodes and sensors.



Warranty Five-year limited warranty. Full warranty terms located at <https://www.acuitybrands.com/support/warranty>
Product specifications may change without notice. Please contact your sales representative for the latest product information.