

AutoConnect™ ACL

LED Roadway Luminaire

The AutoConnect ACL from AEL® provides best-in-class performance with innovative, visually comfortable optics. Customizable options are available for the unique needs of Utility, Municipal, DOT and ESCO customers. This includes trusted DTL® controls, as well as next generation D4i® digital drivers. For smart and connected city applications, a variety of control options provide simple and affordable asset management through modern secure web and mobile applications. Furthermore, AutoConnect solutions reduce material, energy consumption and maintenance costs, helping you to reduce your carbon footprint and achieve sustainability goals.



Key Selling Points

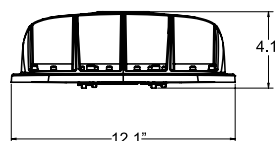
- New light engine technology with discrete LEDs & silicone optics for increased visual comfort
- Purpose-built platform for local, small site, and city-wide lighting control options
- Multiple control options including field-installable and networked embedded controls.
- New embedded DC powered controls synergize with digital drivers and showcase Acuity Brands vertical integration
- Bluetooth® wireless technology option for point-to-point control
- Digital drivers with pre-loaded asset data and field diagnostic capabilities
- New attractive day form drawing on the traditional cobra head style
- Nighttime Friendly™ zero-uplight distributions
- Toolless entry and other utility-friendly installation features
- Best-in-class surge protection and efficacy (lpw)
- Variety of shield options to minimize light trespass

Quick Facts

- 250W-400W HPS replacement
- 15,000 to 30,000 lumens at up to 172 LPW
- Weight 17 lbs
- Types 2, 3, 4 & 5 distributions
- 2700K, 3000K, 4000K & 5000K CCT, 70 CRI minimum
- ANSI C136 20kV/10kA "extreme" surge protection option
- XVOLT driver protection with ZetaShield technology from eldoLED®

Applications

- Municipal Streets
- High-speed Roadway
- Residential Area
- Industrial Parks
- Recreation Centers



Effective Projected Area (EPA)
The EPA for the ACL is 0.36 sq. ft.
Approx. Wt. = 17lbs. (7.7 kg)

Multiple control and sensor options for any need

AutoConnect 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. AutoConnect was designed from the ground up specifically to address the changing needs of Utilities, Municipalities and DOTs. With AutoConnect you get simplified installation and control combined with reduced maintenance and long, reliable system life. The illustration below gives a brief look into how the five control solutions offered with AutoConnect can simplify and reduce costs in your lighting infrastructure operations.

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.

AutoConnect... simple, secure, affordable and flexible

www.americanelectriclighting.com/autoconnect



Warranty Five-year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx. Visit our web site at www.americanelectriclighting.com. Product specifications may change without notice. Please contact your sales representative for the latest product information. 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.