

# American Revolution

## Series 247L

### LED Colonial Lantern

The 247L combines aesthetics and install-friendly features with a powerful new electronic platform. The 247L's LED light engine offers excellent optical control and heat dissipation to provide a beautiful, efficient lighting source while preserving the life of the electronic platform.

Utility-friendly features like its tool-less cupola, pre-wired terminal block, and optional trigger latch make installation a breeze. State-of-the-art surge protection provides outstanding protection against electrical disturbances, while advanced controls options further enhance system life, energy reduction and asset management.

#### Key Selling Points

- System life rated at 100,000 hours at 25°C ambient (per LM-80)
- Optional 20-year life photocontrol
- Best-in-class 10kV/5kA surge protection with 20kV/10kA option
- Downward lumens exceed that of a typical 150W HPS platform
- Classic, traditional colonial styling
- Available with acrylic or polycarbonate rain-style lens panels
- Advanced controls compatibility
- Tool-less entry and installation features
- Factory programmable drivers for enhanced design flexibility
- DALI-enabled drivers now available upon request
- **Municipalities:** Energy efficiency and holistic longevity make it an excellent solution for renovating legacy streetlights
- **Utilities:** Lineman-friendly features make it easy to install; its long, reliable operating life reduces the hassle of lighting grid maintenance (especially when paired with ROAM® smart controls)



#### Quick Facts

- 50-150 watt HPS replacement
- 100 watt MH and 175 watt MV replacement
- ANSI C136 20kV/10kA surge protection option
- Types 2, 3 & 5 distributions
- 2700K, 3000K, 4000K CCT & 5000K CCT, 70 CRI minimum
- CSA listed to operate at 35°C
- Weight ~22 lbs

#### Applications

- Residential areas
- Municipal streets and public roadways
- Parks & recreation centers
- Rural residences
- Commercial districts

# Simplified installation and controls

The American Revolution 247L Series provides several user-friendly features that facilitate simple installation and maintenance to save you time and money. Enhancements like a variety of industry-leading surge protection options set the 247L apart from competitive alternatives. State-of-the-art controls from Acuity Brands® are easily integrated into the system through the 3-pin or optional 7-pin photocontrol receptacle that future-proofs your LED investment against obsolescence.

## Features & Options



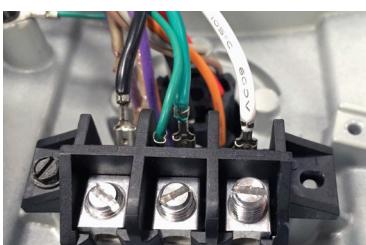
High LPW LED light engines provide excellent uniformity and long life



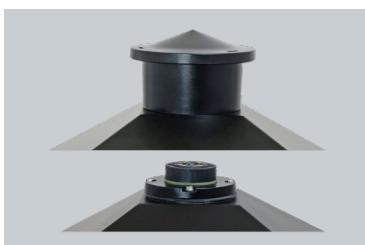
Industry-leading Acuity Brands surge protection with new 20kV/10kA option



Tool-less thumb latches provide easy access to internal components



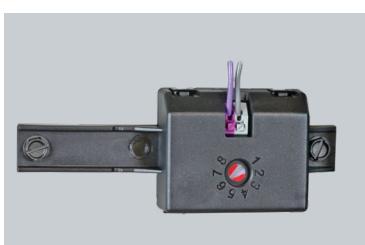
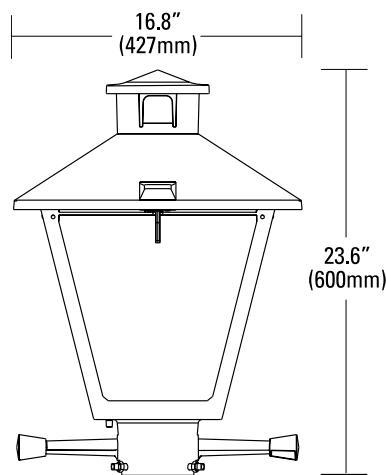
Pre-wired 3-stage terminal block for simplified installation



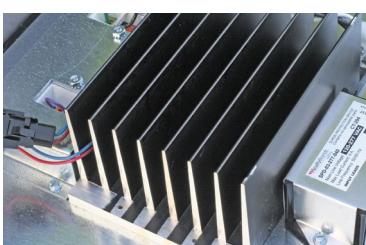
Photocontrol receptacle with or without cupola cover (for DSN & ROAM controls)



Optional 7-pin photocontrol receptacle provides access to advanced control options



Optional module for field-adjustable lumen output



Engineered thermal design for maximum system life



Effective Projected Area (EPA)  
The EPA for the 247L is 1.6 sq. ft.  
Approx. Wt. = 22 lbs. (10 kg)



Warranty Five-year limited warranty. Full warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)  
Visit our web site at [www.americanelectriclighting.com](http://www.americanelectriclighting.com)  
Product specifications may change without notice. Please contact your sales representative for the latest product information.