



# Post-Top Full Cutoff

LED Series



# The Holophane Post-top Full Cutoff LED Series enhances your site by day while preserving dark skies at night.

The vintage styling of Holophane luminaires has adorned urban streets and parks since the early 20th century. Combining improved LED technology and timeless design, this series of utility luminaires features a “nighttime friendly” optical design to meet the modern needs of sustainable urban planning and energy management.

The Holophane Post-top Full Cut Off LED Series is designed to meet the IESNA requirements for full cut off classification and reduced impact on urban sky glow. With a wide range of distributions and lumen packages available in three classic form factors, these powerful LED lanterns are “feature-rich” and provide lighting designers with a high level of design flexibility in color temperature, optical distribution choices, and controls technology.

## At a Glance

**Three traditional daytime forms** perfect for most downtown areas, historical districts and many other areas where the classic period styling is desired

**Modern LED technology** drives outstanding energy savings over HID incumbents –as much as 60% in most cases

**Full Cutoff optics** provide high visibility in the space while protecting the night skies from light pollution.

**Four lighting distribution options** to choose from for roadway and area lighting applications

**Utility friendly features** such as tool-less access and pre-wired terminal block mean simplified installation and maintenance

**Optional Extreme Surge Protection Device** safeguards your system from lightning strikes and voltage spikes

**Optional DALI drivers** are available upon request for a wide range of switchable and dimmable LED requirements.

**Variety of color temperatures** available, including 2700K and 3000K CCT for a warm light that provides higher color rendering (CRI) than HPS sources. Also - a wildlife friendly “true Amber” color is available for coastal applications.

**Robust thermal management** decreases heat to extend the life of the LED system to over 20 years

**Updated controls options** such as internal- or external-mounted 3 and 7-pin photo control, part-night dimming controls, factory-programmable drivers or our DLL Elite 20-year photocell

**CSA Listed** with proven testing to ensure safe, reliable operation





## Typical Applications

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- City Streets
- Parks
- Residential Areas
- Campuses
- Walkways
- Public Squares



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Arlington Full Cutoff LED



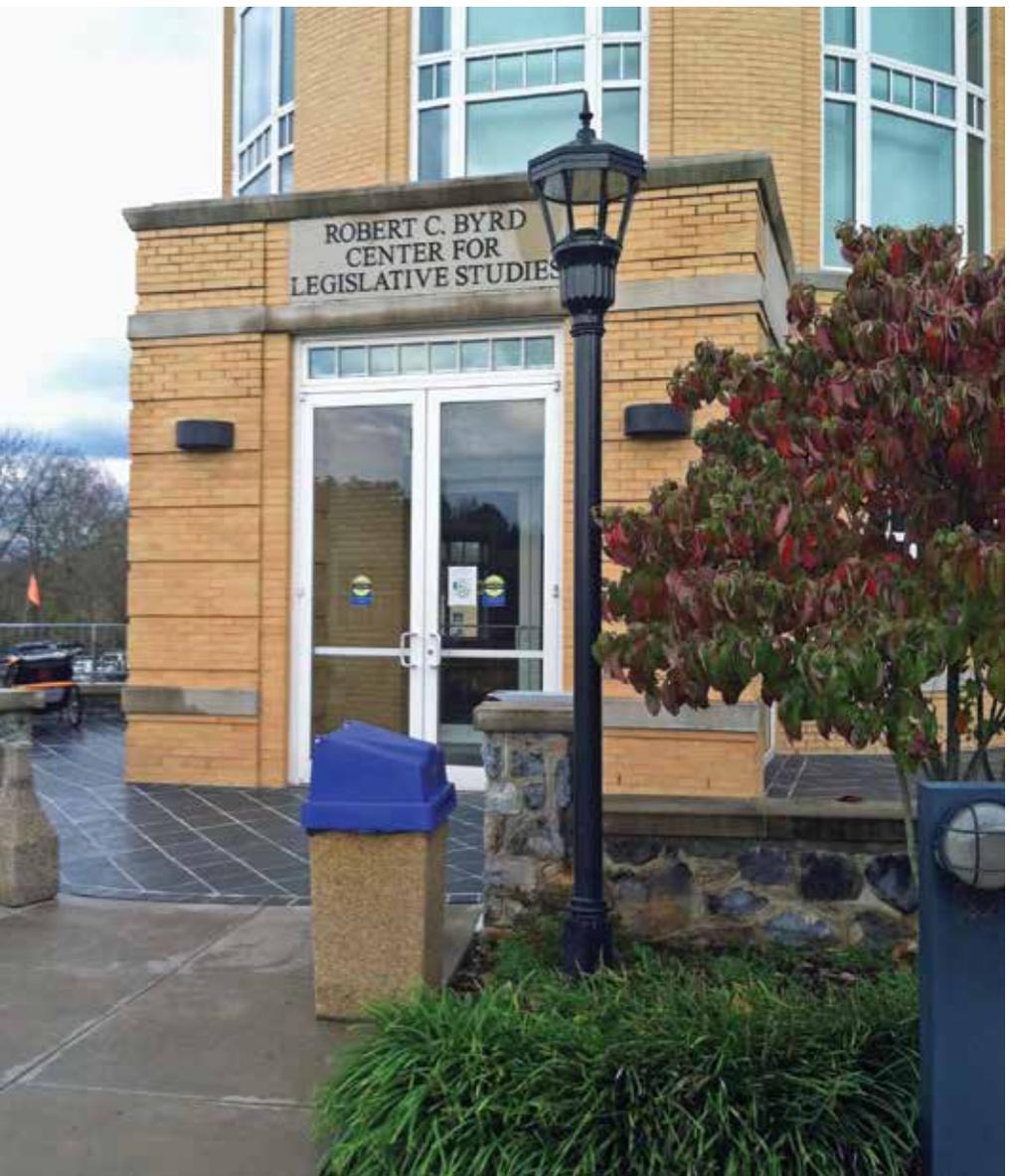
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Postop® Full Cutoff LED



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Washington Full Cutoff LED

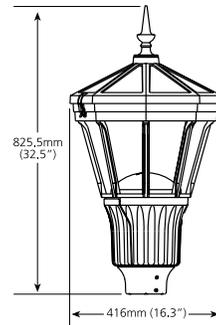




# AUCL2

## Arlington® Full Cutoff LED

The Arlington LED presents a classic octagonal form factor commonly desired in many period style architectural sites and streetscapes. Capitalizing on the Holophane heritage of over a century in optical excellence, the Arlington provides a classic form factor for daytime appeal and a comfortable light source that is nighttime-friendly for the environment.



### AUCL2 | Arlington Full Cutoff LED

Max Weight: 18.43 kg (40 lbs)

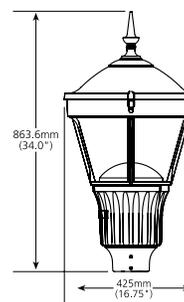
Max EPA: 1.38 sqft



# PUCL2

## Postop® Full Cutoff LED

When a round form factor is desired, the Postop LED offers an attractive, reliable solution for applications requiring full cutoff distributions. Decorative options are also available to customize your Postop LED further –choose from either of two finial tops or even configure your luminaire with an optional photocontrol receptacle.



### PUCL2 | Postop Full Cutoff LED

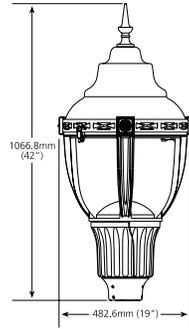
Max Weight: 17.69 kg (39 lbs)

Max EPA: 1.24 sqft

# WFCL2

## Washington Full Cutoff LED

With a slightly larger form factor than the Arlington or Postop series, the Washington provides a solution that scales up nicely with greater mounting heights. It also offers a more traditional acorn shape with more ornate decorative features. All of the Full Cutoff LED Series offer a diverse set of optical distributions and even a house-side shield option.



**WFCL2 | Washington Full Cutoff LED**

Max Weight: 25.6 kg (57 lbs)

Max EPA: 1.72 sqft

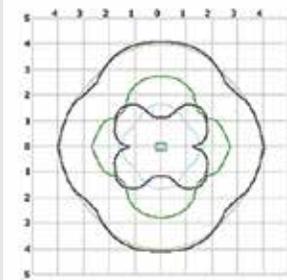


## Avoid light trespass with house-side shield option

The Full Cutoff LED Series can eliminate not only upward sky-glow but it also is now available with an optional house-side shield to rectify problems arising from light trespass. The house-side shield feature can be purchased as a factory-installed option or installed later in the field if needed.

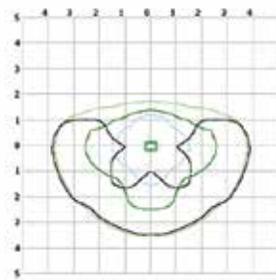
### L5 Isofootcandle Plot

Without House-side Shield



BUG Rating B4-U0-G2

With House-side Shield



BUG Rating B2-U0-G2



# Post-top Full Cutoff LED

## Period Style with Breakthrough Performance

- + **Full Cutoff Optics** provide performance while protecting the night skies from excessive light pollution
- + **Superior optical engineering** for maximum lighting efficiency and uniformity
- + **Designed for maximum thermal efficiency** to further enhance system life
- + **Utility friendly features** such as hinged door with tool-less latch entry and pre-wired terminal block
- + **Decorative options** and a wide choice of durable paint finishes to enhance your site or streetscape
- + **Controls options** include optional 3- or 7-pin photocontrol receptacle and factory programmed driver

Choice of decorative finial or top-mount photo receptacle

Three Form Factors to Choose From

IP Rated Full Cutoff Optical Chamber

Robust Cast Aluminum Construction

High Performance LED Engine



Thermally Engineered for 20-Years Expected Service Life



Utility-friendly Design Features

## Your choice of decorative finials or photo receptacle

The Full Cutoff LED Series is available with your choice of ball or spike finials, or you can replace the finial feature with an optional photocontrol receptacle. Rotatable twist-lock receptacles are available in either 3-pin or 7-pin configurations.



Ball Finial

Spike Finial

Photocontrol



## Increase Savings with Controls

Enhancing energy savings by incorporating controls can save an additional 25% to 45% energy. Popular outdoor control strategies include dimming, scheduling and monitoring. Lowering energy consumption through the use of controls is a "green" solution too - helping to enhance sustainability and reducing the impact of our carbon footprint.

### The Foundation of Controls

Standards such as the Acuity Controls designed 7-pin photocontrol receptacle ensure future-proofing of your luminaire so that additional features and capabilities can be enabled as they become available.

### DLL Elite

With superior LED inrush current protection and TRIAC-assisted relay, the DLL Elite LED photocontrol is designed to last as long as the LED lighting system itself - 20 years or longer.

### ROAM® - Remote Operations Asset Management

ROAM consists of a wireless mesh network of intelligent photocontrols, or nodes, used to control LED and other luminaires. Nodes monitor luminaire performance and operating conditions, and execute commands based on inputs such as schedules and daylight levels. Information collected about luminaire performance is wirelessly transmitted to a gateway and passed on to a server, where it is graphically displayed at a customer workstation.



## The Take Away

### Multiple traditional daytime forms:

- + Arlington (AUCL2)
- + Postop (PUCL2)
- + Washington (WFCL2)

### Variety of color temperatures (70CRI):

- + True Amber
- + 2700K CCT
- + 3000K CCT
- + 4000K CCT
- + 5000K CCT

### A variety of optical distributions

- + Type 2: Full Cutoff
- + Type 3: Full Cutoff
- + Type 4: Full Cutoff
- + Type 5: Full Cutoff
- + House-Side Shielding option

### Controls options:

- + 3 pin (internal or external)
- + 7 pin (internal or external)
- + DLL Elite 20-year photocell
- + ROAM networked controls

### Customize lumen output:

- + Factory Programed Driver (FPD)

### Variety of durable color finishes:

- + Black
- + Gray
- + Graphite
- + Green
- + White
- + Bronze
- + Custom Match



**Acuity Brands Lighting, Inc.**

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**Contact your local Holophane factory sales representative** for application assistance, and computer-aided design and cost studies. For information on other Holophane products and systems, call the Inside Sales Service Department at 866-759-1577. In Canada call 905-886-8967 or fax 905-886-7973.

**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.holophane.com](http://www.holophane.com)

*Product specifications may change without notice. Please contact your local Holophane factory sales representative for the latest product information.*

## LED Energy Savings over HID Based on Wattage

HID LAMP TYPE	INPUT WATTS	LED PERFORMACE PACKAGE	INPUT WATTS	MINIMUM ENERGY SAVINGS
70W HPS	91	P10 (3K)	35	<b>62%</b>
100W HPS	129	P20 (3K)	35	<b>73%</b>
150W HPS	185	P30 (3K)	76	<b>60%</b>
175W HPS	198	P40 (4K)	102	<b>48%</b>
250W HPS	295	P50 (4K)	141	<b>52%</b>