



# LED Post-Top Lanterns

Full Cutoff Series



# Holophane® LED Post-top Full Cutoff Lanterns enhance 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.

Holophane LED Post-top Full Cutoff Lanterns are designed to meet the IESNA requirements for zero-uplight 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

**Gen 3 LED technology** providing lumen packages ranging from 1,900 to 17,400 lumens with up to 148 LPW

**Zero-uplight optics** provide high visibility in the space while protecting the night skies from light pollution

**Multiple optical configurations** including new frosted glass optic to balance lighting performance and visual comfort to your specific needs

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

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

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

**Optional Extreme Surge Protection Device** 20kV/10kA protection safeguards your system from lightning strikes and voltage spikes

**Driver options** such as DALI or XVOLT with ZetaShield™ technology are available for a wide range of switchable and dimmable LED requirements

**Variety of color temperatures** available, including 2700K, 3000K and 4000K CCT for a warm light that provides higher color rendering (CRI) than HPS sources

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

**Updated controls options** including occupancy sensor, field-adjustable lumen output, and the latest internal or external NEMA P7 photocontrols from DTL® and nLight® AIR



Consistent with LEED® goals  
& Green Globes™ criteria  
for light pollution reduction





## Typical Applications

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City Streets  
Parks  
Residential Areas  
Campuses  
Walkways  
Public Squares



Arlington Full Cutoff LED

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Taft Full Cutoff LED

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Washington Full Cutoff LED

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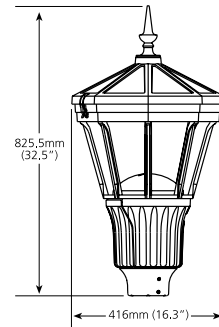




# AUCL3

## 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 attractive daytime appeal and a comfortable light source that is nighttime-friendly for the environment.



### AUCL3 | Arlington Full Cutoff LED

Max Weight: 18.43 kg (40 lbs)

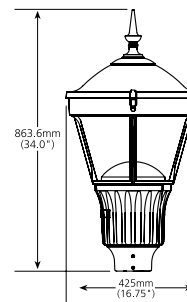
Max EPA: 1.38 sqft



# PUCL3

## Taft Full Cutoff LED

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



### PUCL3 | Taft Full Cutoff LED

Max Weight: 17.69 kg (39 lbs)

Max EPA: 1.24 sqft



# WFCL3

## Washington Full Cutoff LED

With a slightly larger form factor than the Arlington or Taft 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.



**WFCL3 | Washington Full Cutoff LED**  
Max Weight: 25.6 kg (57 lbs)  
Max EPA: 1.72 sqft



## Options to balance performance and visual comfort

With the Full Cutoff LED Lanterns portfolio from Holophane, you can customize your optical configuration to balance lumen output with visual comfort. The illustration below shows the four possible configurations with no glass, clear glass or even frosted glass for maximum visual comfort. The surround backplate can be configured in either white or the fixture housing color.

Frosted Glass

Clear Glass

No Glass



Maximize Visual Comfort

Maximize Lumen Output

Housing-colored  
surround backplate for  
optional day form



Refer to product specifications and photometry for specific details on lumen output for each of the above configurations.

# LED Post-top Full Cutoff LED

## Period Style with Breakthrough Performance

Choice of decorative finial or  
top-mount photo receptacle

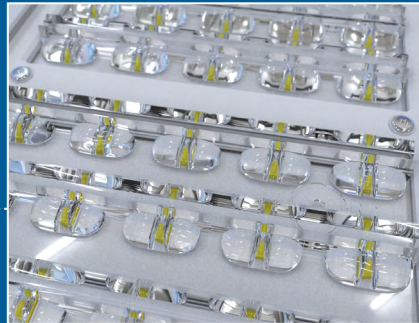
Three form factors to  
choose from

IP66-rated full cutoff  
optical chamber

Configure with  
clear glass, frosted  
glass or no glass

Robust cast  
aluminum  
construction

High Performance LED Engine



Utility-friendly Design Features

- + **Zero-uplight optics** provide performance while protecting the night skies from excessive light pollution
- + **Visually comfortable** optical configurations including new frosted glass option
- + **Superior optical engineering** for maximum lighting efficiency and uniformity
- + **Robust electrical design** includes optional 20kV/10kA surge protection and DALI and X-VOLT drivers with ZetaShield technology
- + **Utility friendly features** such as hinged door with toolless latch entry and pre-wired terminal block
- + **Decorative options** and a wide choice of durable paint finishes to enhance your site or streetscape
- + **Expanded controls options** include optional 7-pin photocontrol receptacle and occupancy sensors



Thermally Engineered for  
20-Years Expected Service Life



## Your choice of decorative finials or P7 receptacle

The Full Cutoff LED Lantern series is available with your choice of ball or spike finials, or you can replace the finial feature with an optional 7-pin photocontrol receptacle. The external receptacle facilitates unhindered radio reception for wireless network controls.



Ball Finial



Spike Finial



P7 Receptacle



## 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.

### DTL 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.



### DTL Wireless Network Controls

Wireless control solutions from DTL combine the reliability of the DLL Elite photocontrol with the performance of the Itron network platform for unparalleled functionality and adaptive control of street lighting systems. These solutions offer access to a multi-application platform, providing one network for critical infrastructure solutions like smart lighting, smart metering and other outdoor IoT technologies.



### nLight AIR

Control options from nLight provide access to an nLight AIR network for complete indoor and outdoor site lighting applications. Also available are configurations providing occupancy sensor features.



## The takeaway

### Multiple traditional daytime forms:

- + Arlington (AUCL3)
- + Taft (PUCL3)
- + Washington (WFCL3)

### Multiple optical configurations:

- + No glass – white or color surround plate
- + Clear glass – white or color surround plate
- + Frosted glass – white surround plate

### Three standard color temperatures (70CRI):

- + 2700K CCT
- + 3000K CCT
- + 4000K CCT

### A variety of optical distributions

- + Type 2: Zero Uplight
- + Type 3: Zero Uplight
- + Type 4: Zero Uplight
- + Type 5: Zero Uplight
- + House-Side Shielding option

### Controls options:

- + 7 pin (internal or external)
- + DTL 20-year photocontrols
- + nLight AIR controls

### Variety of durable color finishes:

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





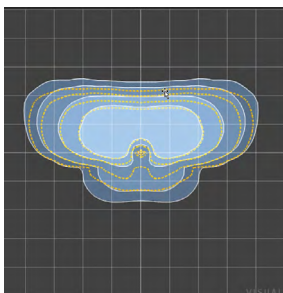
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## Full Cutoff Series

### 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.

ISO Footprint without  
HSS vs with HSS



PUCL3 P30 40K FC3  
BUG Rating B2-U0-G2

PUCL3 P30 40K FC3 HSS  
BUG Rating B1-U0-G2



#### Acuity Brands Lighting, Inc.

Holophane Headquarters, One Lithonia Way, Conyers, GA 30012

Contact your local Holophane factory sales representative for application assistance, and computer-aided design and cost studies.

**Warranty** Five-year limited warranty.

Full warranty terms located at <https://www.acuitybrands.com/support/warranty>

Visit our web site at [www.holophane.com](http://www.holophane.com)