

# Post Top Colonial Lantern

The Post Top Colonial is a specification-grade luminaire constructed of durable die-cast aluminum and finished with long lasting protective powder coat paint. Fasteners are stainless-steel, captive, and tool-less. While traditional in design, the Post Top Colonial incorporates state of the art long-life rated components and is tested to meet rigorous industry standards.



**LEOTEK**<sup>®</sup>

[www.leotek.com](http://www.leotek.com)



LEOTEK's Post Top Colonial Lantern provides the traditional aesthetic of an old-style lantern with the versatility, cost-savings and benefits of advanced LED technology.



# Post Top Colonial Lantern

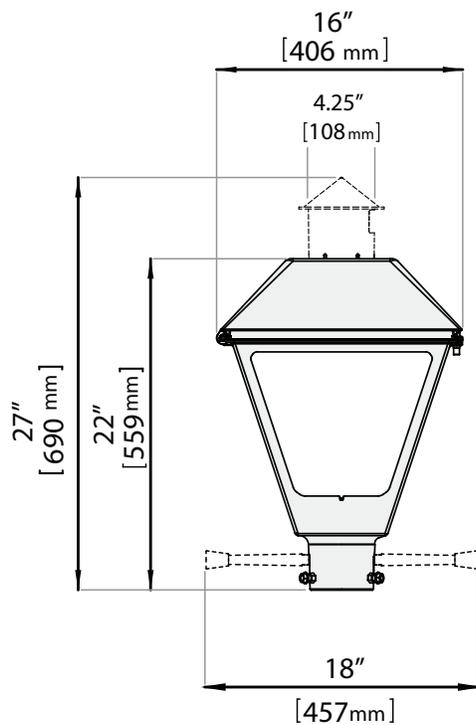
The Post Top Colonial (PTC) is offered in both side panel lens versions and, for “dark sky” applications, without side panels.

## Dimensions & Profile

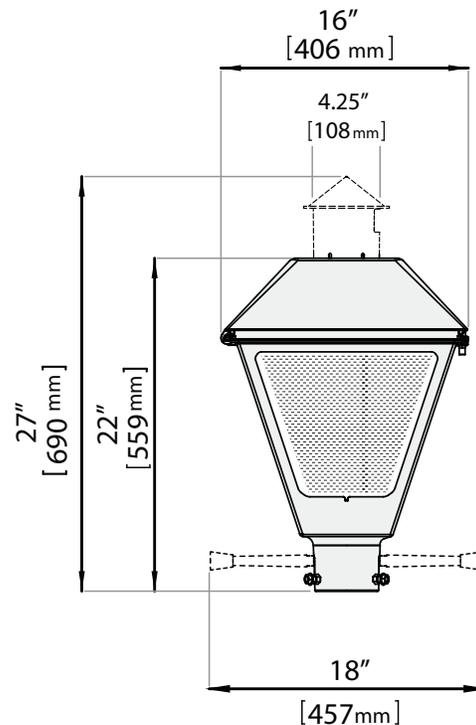
|               |                   |
|---------------|-------------------|
| <b>Weight</b> | 19.6 lbs (8.9 kg) |
| <b>EPA</b>    | 1.58 sq. ft.      |
| <b>Width</b>  | 16" [406mm]       |
| <b>Height</b> | 27" [690mm]       |

**30J** (single LED Array) delivers over 7000 lumens

**60J** (two LED Arrays) deliver over 11,000 lumens



Without Side Panels



With Side Panels

## Lumen Range and HPS Equivalent

|                             | Without Side Panels |                    | With Side Panels  |                    |
|-----------------------------|---------------------|--------------------|-------------------|--------------------|
|                             | 30J                 | 60J                | 30J               | 60J                |
| <b>HPS Equivalent Range</b> | 50W - 100W          | 100W - 150W        | 50W - 100W        | 100W - 150W        |
| <b>Output Range 3000K</b>   | 2,900lm ↔ 6,800lm   | 6,300lm ↔ 11,000lm | 2,700lm ↔ 6,300lm | 5,800lm ↔ 10,200lm |



## Robust, Efficient LED Light Engines

Light engines are designed to draw less current than most designs in the industry, which provides maximum efficacy with less thermal stress for longer life. These high output LEDs produce a nominal 90% of initial output at 60,000 hours of life (IES recommended lumen maintenance life projection based on 6X the duration of LM-80 data.) LEDs are ROHS compliant, 100% mercury and lead-free.

IP-66 rated light engines use an array of discrete LEDs. There is less glare since the LED light sources are distributed, not concentrated in a small area like COB (chip-on-board) light engines.



## Control Ready for Wireless Nodes

Available "PCR7-CR" industry-standard photocell receptacle for the attachment of standard photocells or 'smart' control-nodes.



## Light Level Control Options

The dimmable power supply enables field-adjustable light levels with the optional positive-lock current selector. Continuous dimming is also available using a compatible wireless dimming node.



## High Efficacy

Efficacy up to 145 lm/W



## Vandal Resistant

LED optics are IK10 rated, the highest rating for impact resistance.



## Power Supplies & Surge Protection

Luminaires are designed with power supplies that are rated for 100,000 hours of life with standard 1-10V dimming.

Surge Protection: 10kV/5kA with available 20kV/10kA per ANSI C136.2-2015



## Rigorous Testing and Certification Process

Luminaires are carefully assembled and tested at LEOTEK's USA facility in San Jose, California. The light engines are 100% tested prior to assembly. Every luminaire is 100% performance tested after 2-hour burn-in period.

LEOTEK believes that good design integrates simplicity and functionality. The Post Top Lantern Series is built with durable high-strength materials and reliable components, and is backed by LEOTEK USA's Standard 5-Year Warranty and 30 years of experience building LED lighting products.

### Easy Installation and Maintenance

Tool-less access to wiring compartment (bottom of luminaire) and power supply enclosure (top of luminaire) via captive stainless-steel thumbscrews.

Optional  
Cupola



Optional  
Ladder Rest

### Choice of Standard Finishes



Grey

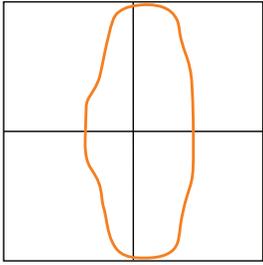


Dark Bronze

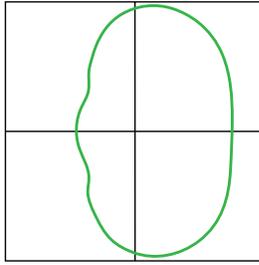


Black

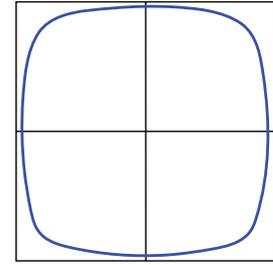
## Distribution Types



Type 2



Type 3



Type 5

LEOTEK luminaires feature a variety of options to accommodate "field-tuning" of light levels and light distribution. In addition, options are available to facilitate the integration of wireless controls.

## Field-Tuning of Light Levels

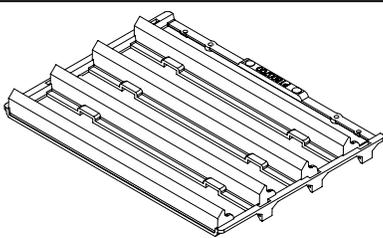
Luminaires include a dimmable 1-10V power supply with optional positive-lock LED current selector. This enables end users to easily change light levels in the field if necessary. The positive-lock current selector ensures light levels aren't changed accidentally during installation.

## Light Trespass Shielding

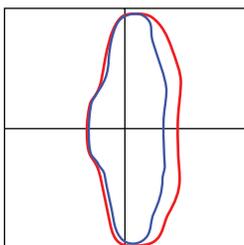
Snap-on shields may be purchased for either field or factory installation. Shields fit completely inside the housing profile.

LEOTEK's Universal Light Trespass Shields Allow for Easy Snap-on Field Installation

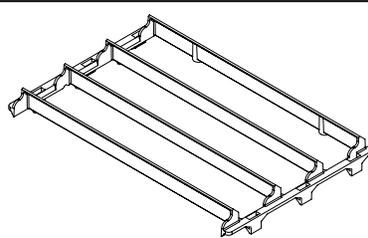
### Snap-on Front Side Shield (FSS)



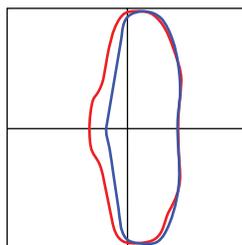
Type 2 Light Distribution with FSS



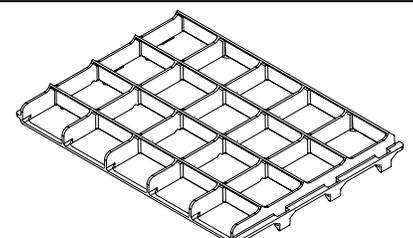
### Snap-on House Side Shield (HSS)



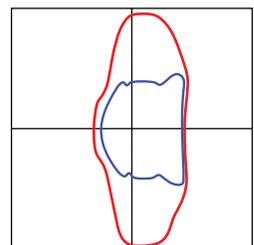
Type 2 Light Distribution with HSS



### Snap-on Cul-de-Sac Shield (CSS)



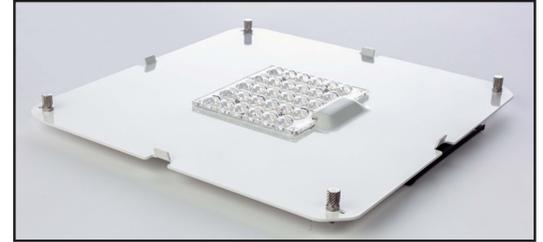
Type 2 Light Distribution with CSS



With Shield: ■ Without Shield: ■

## Easy Installation and Maintenance

Captive, tool-less, stainless steel hardware provides easy access to wiring compartment and power supply enclosure.



## Optional Bird Guard Cover (BG Option Code)



## Optional Standard Size Cupola (C Option Code)



Visit [Leotek.com](http://Leotek.com) to learn more about our innovative LED Lighting products



ComfortView™

ComfortView™ streetlights utilize a new approach to address glare for neighborhood streets. Now neighborhoods can be beautifully lit with more visual comfort than first-generation LED luminaires while maintaining safety and energy efficiency. As with our other GreenCobra® LED Streetlights, ComfortView™ is built with durable high-strength materials and reliable components, and is backed by our 10-Year Warranty and 30 years of experience building LED lighting products.



ComfortGuide®

Arieta® ComfortGuide™ is perfectly suited for parking lots, campuses, office complexes, streets and public parks, as well as many other applications. ComfortGuide™ utilizes a new approach to address glare produced by traditional lighting. First-generation LED optical systems incorporate a single optical lens over the LED.



Eseta™

Eseta's subtly distinctive form harmonizes with architecture without altering the building aesthetic. Eseta™ features ultra-high efficiency LED lighting greater than 100 lumens/watt, emergency battery system, two targeted distributions, innovative glare control, and motion sensor compatibility. Cold-weather rated for temperature range rating of -4°F to 140°F (-20°C to +60°C). An appealing and easy choice for retrofit applications.



LEOTEK Electronics USA LLC, located in California's Silicon Valley, is celebrating over thirty years as an LED lighting manufacturer, and is a leading supplier of LED streetlights worldwide. Globally recognized as a pioneer in light-emitting diode technology, and with millions of LED products installed worldwide, the company has a historical legacy of proven performance. LEOTEK offers innovative LED lighting products for applications encompassing traffic, transit, street, and area lighting. LEOTEK street and area lighting products are assembled in the USA.

1955 Lundy Ave., San Jose, CA 95131  408.380.1788

© 2023 LEOTEK Electronics USA. All Rights Reserved.  
Post Top Lantern Brochure\_4-18-2023  
Specifications subject to change without notice.



To learn more visit [www.leotek.com](http://www.leotek.com) or contact a LEOTEK lighting agent 408.380.1788

