

**To:** Douglas DDA Board

**From:** Lisa Nocerini, City Manager & Sean Homyen, Planning & Zoning Administrator/DDA

**RE:** Quoted Budget Items for consideration

**Date:** January 22<sup>nd</sup>, 2025

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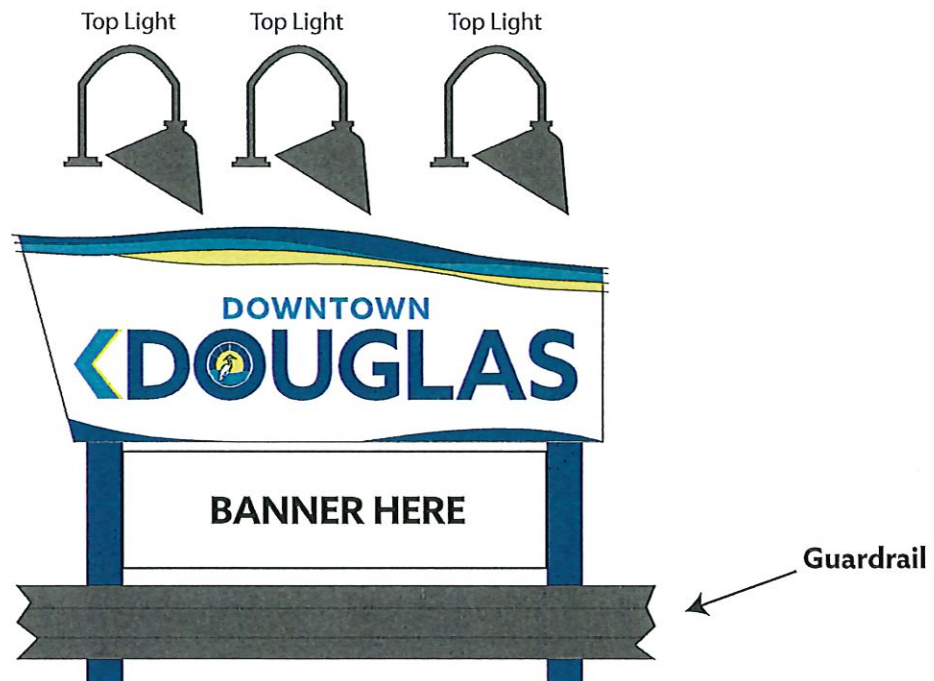
The City's Project Manager, Jenny Pearson, has been working on obtaining quotes for various items that the DDA Board has discussed over the last 6 months.

We are respectfully requesting that these items are added to the upcoming FY2025-2026 budget discussions.

- Main/BSH Highway Sign (\$16,750)
- Sunbrella Banners (\$11,827) last 5-10 years
- Vinyl Banners (\$8,186) last 2-3 years
- Streetlights (\$2,000 to only replacing the light and keeping the existing pole. Sanding/painting not included in this price) Range: \$63,234-\$73,962
- Sidewalks (\$17.25 per square foot. Does not include curb pricing or ADA ramps) \*\*The city needs to receive more guidance on this if we are going to focus on specific areas. The ability to replace all sidewalks in the DDA far exceeds the total budget, but an option to address sections over time and budget for them, makes sense.)

We have provided renderings and quotes for each of these items in this packet.

**NOT TO SCALE**



Current sign is approximately 100" Wide. The proposed sign is approximately 135"Wx48"Hx12"D, letter height - 16"H  
Copy Center and BSH Gateway look but with 3 top lights instead of back-lighting. Hoping to keep the same size banner (92"Wx22"H) here also for ease of ordering. Final engineered drawing will determine exact measurements.



# Praise Sign Company

3404 Busch Drive Suite F  
Grandville, Michigan 49417

(616) 827-7271  
contact@praisesign.com  
www.praisesign.com

## Estimate

**Estimate Number:** 003167  
**Estimate Date:** Jan 2, 2025  
**Estimate Expires:** Apr 2, 2025

## Client

**Jennifer Pearson (City of Douglas)**  
(269) 857-1438  
Douglas@douglasmi.gov

## Billing Address

## Project

**003167 - Single sided Downtown Sign**

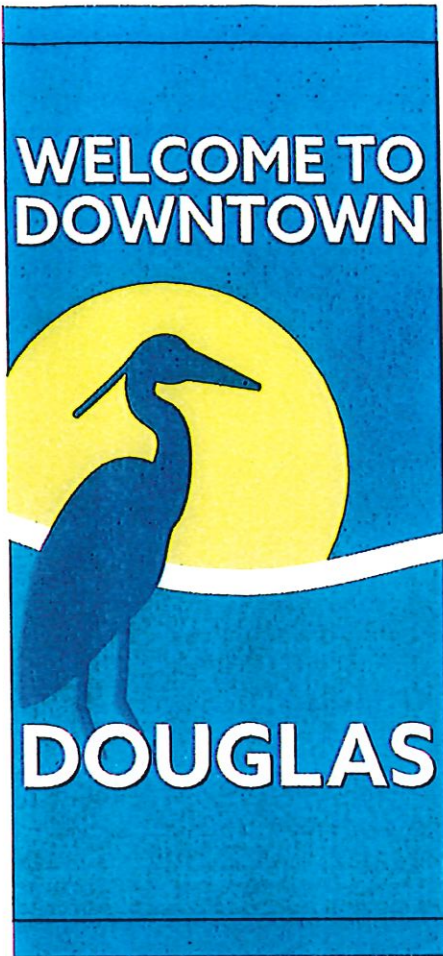
This estimate is for budgetary purposes only. Final contract amount will be based on approved Submittals. Changes in the Scope of Work presented in Submittals that deviate from this Estimate may result in additional charges and scheduling delays.

Includes applicable taxes. Excludes permits and fees.

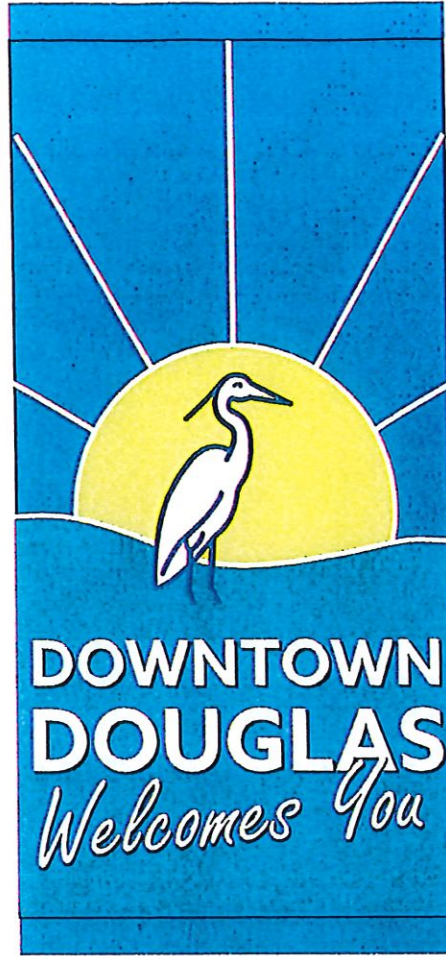
50% net deposit due upon signing. Note that all credit card transactions are subject to a 3% processing fee.

DESCRIPTION	PRICE
Single sided Downtown Sign with Lights on top	\$16,750.82
Subtotal	\$16,750.82
<b>Total</b>	<b>\$16,750.82</b>

Option 1



Option 2



Option 3



Option 4



**NEW! Fall, Holiday & Winter Designs**

Please note: A minimum quantity of four banners per design is required.

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\*See website for all customization options. All designs displayed are copyrighted. Reproduction without expressed written permission is prohibited. Consent reserves the right to improve infabric colors. Illustrations are provided as reasonable representations.



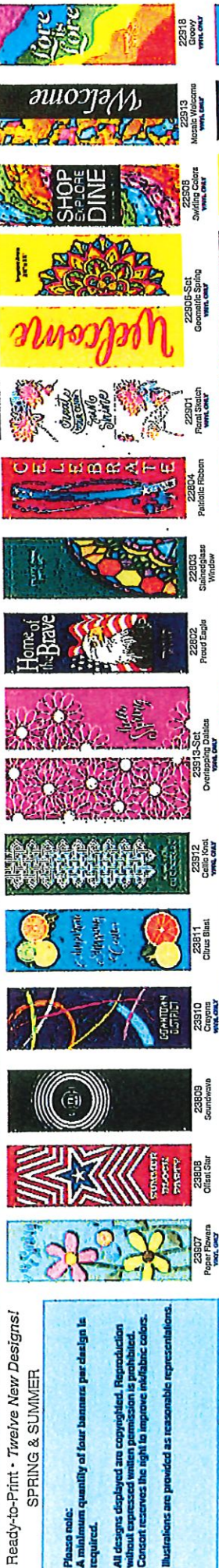
**Ready-to-Print - Twelve New Designs!**

**SPRING & SUMMER**

Please note: A minimum quantity of four banners per design is required. All designs displayed are copyrighted. Reproduction without expressed written permission is prohibited. Consent reserves the right to improve in/fabric colors. Illustrations are provided as reasonable representations.



25900-Set Cobalt Stripes www.ksb.com	24901 Tropical www.ksb.com	24902 Flower Star www.ksb.com	24903 Star Burst www.ksb.com	24904 Year Around Imprint Area 28" x 35"	24905 Urban Imprint Area 28" x 35"	24606 Party Time	24807-Set Glam Metallic Burst	24908 Butterflies	24909 Summer Stripes	24810 Flying High	24811 Summer Party
23800 Brush Strokes	23802 Welcome Ribbons	23803 So Many Stars	23804 Retro Palmes www.ksb.com	23805 Radiant Tulip	23900 Repeat on all corners www.ksb.com	22906-Set Cinematic Spring www.ksb.com	22907-Set Glam Metallic Spring www.ksb.com	22908 Spring Blossoms www.ksb.com	22909 Spring Blossoms www.ksb.com	22910 Spring Blossoms www.ksb.com	22911 Spring Blossoms www.ksb.com
16300 Shop www.ksb.com	22910 Dine www.ksb.com	22911 Explore www.ksb.com	22912 Enjoy www.ksb.com	21807 Spring Birds	21808 Tropical Palm	21809 Kites Gable	20802-Set Pink Hibiscus	20801 Spring Tulips	18902 Pandas	18903-Set Spring Frolic www.ksb.com	18904-Set Spring Frolic www.ksb.com
15304 Daisy	15302 Shop, Dine, Play	15101 Welcome	14209 Let's Shop	S12402 Market Series - 6' Standard www.ksb.com	12301-Set City Lines	11894-Set Spring Bouquet www.ksb.com	11301 Hummingbird	08905-Set Blue Parade	08914 Tulips	08907 Lake Sunset	01295 Land is the Free
86100 Welcome Script	97294 A Great Place to Be	99295-Set Daisies - Set	99296-Set Daisies - Set	08411-Set Dragonflies	08906-Set Blue Parade	08914 Tulips	08907 Lake Sunset	01295 Land is the Free	17502 Honor Heroes www.ksb.com	17204 Freedom	16305 English Daisies



**Ready-to-Print • Twelve New Designs!**  
**SPRING & SUMMER**

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 A minimum quantity of four banners per design is required.  
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24800-Set Golden Poppies  
 24801 Tropical Tour  
 24802 Flower Tour  
 24803 Star Tour  
 24804 Year Around  
 24805 Ultra Welcome  
 24806 Party Time  
 24807-Set Geometric Burst  
 24808 Butterflies  
 24809 Simple Seasons  
 24810 Flying High  
 24811 Summer Party

22918 Rays of Summer  
 22919 Radial Tulip  
 22920 Retro Palms  
 22921 So Many Stars  
 22922 Welcome Ribbons  
 22923 Bush Stripes  
 22924 Celebrate  
 22925 Patriotic Ribbon  
 22926 Stained Glass Window  
 22927 Proud Eagle  
 22928 Home of the Brave  
 22929 Hello Spring  
 22930-Set Ornamental Blossoms  
 22931 Tulips  
 22932 Pink Hibiscus  
 22933 Citrus Blast  
 22934 Welcome  
 22935 Kites Galore  
 22936 Tropical Fair  
 22937 Summer Field  
 22938 Spring Blues  
 22939 Spring Flowers  
 22940 Downtown  
 22941 Enjoy  
 22942 Downtown  
 22943 Explore  
 22944 Downtown  
 22945 Dine  
 22946 Shop, Dine, Play

16305 English Cobble  
 16306 Star Celebration  
 16307 Spring Garden  
 16308 Impassioned  
 17502 Louisiana Florals  
 17503 Freedom  
 17504 Spring Bright Tulips  
 18302-Set Spring Frolic  
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**NEW! Fall, Holiday & Winter Designs**

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Keep existing Pdes  
by replacing tops only.

Approx \$1,692.50 x 36  
Adapter 61.00 x 36  
total \$63,234

Does not include  
pole sandblasting or  
repainting



LED Post-Top  
Lanterns  
Full Cutoff Series

↳ keeps light pointing down

# 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 XVOULT 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



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Arlington Full Cutoff LED



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Taft Full Cutoff LED



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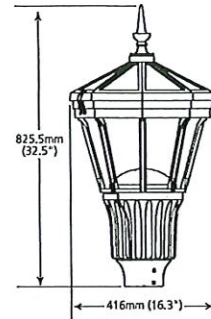
Washington Full Cutoff LED



# 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.



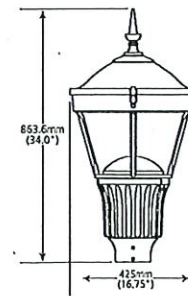
**AUCL3 | Arlington Full Cutoff LED**  
 Max Weight: 18.43 kg (40 lbs)  
 Max EPA: 1.38 sqft



# 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.



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

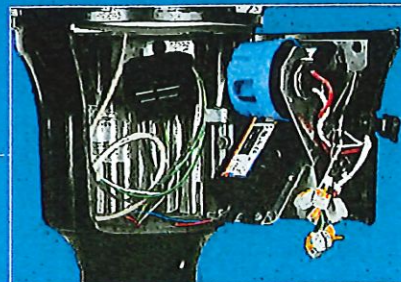
IP66-rated full cutoff  
optical chamber

Configure with  
clear glass, frosted  
glass or no glass

Robust cast  
aluminum  
construction

- + **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 XVOLT 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

High Performance LED Engine



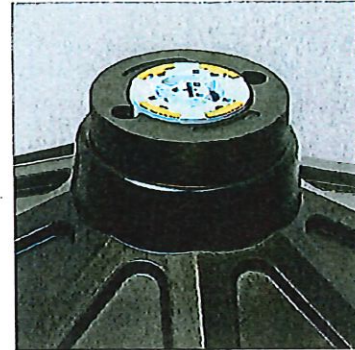
Thermally Engineered for  
20-Years Expected Service Life



Utility-friendly Design Features

## 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.



## 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

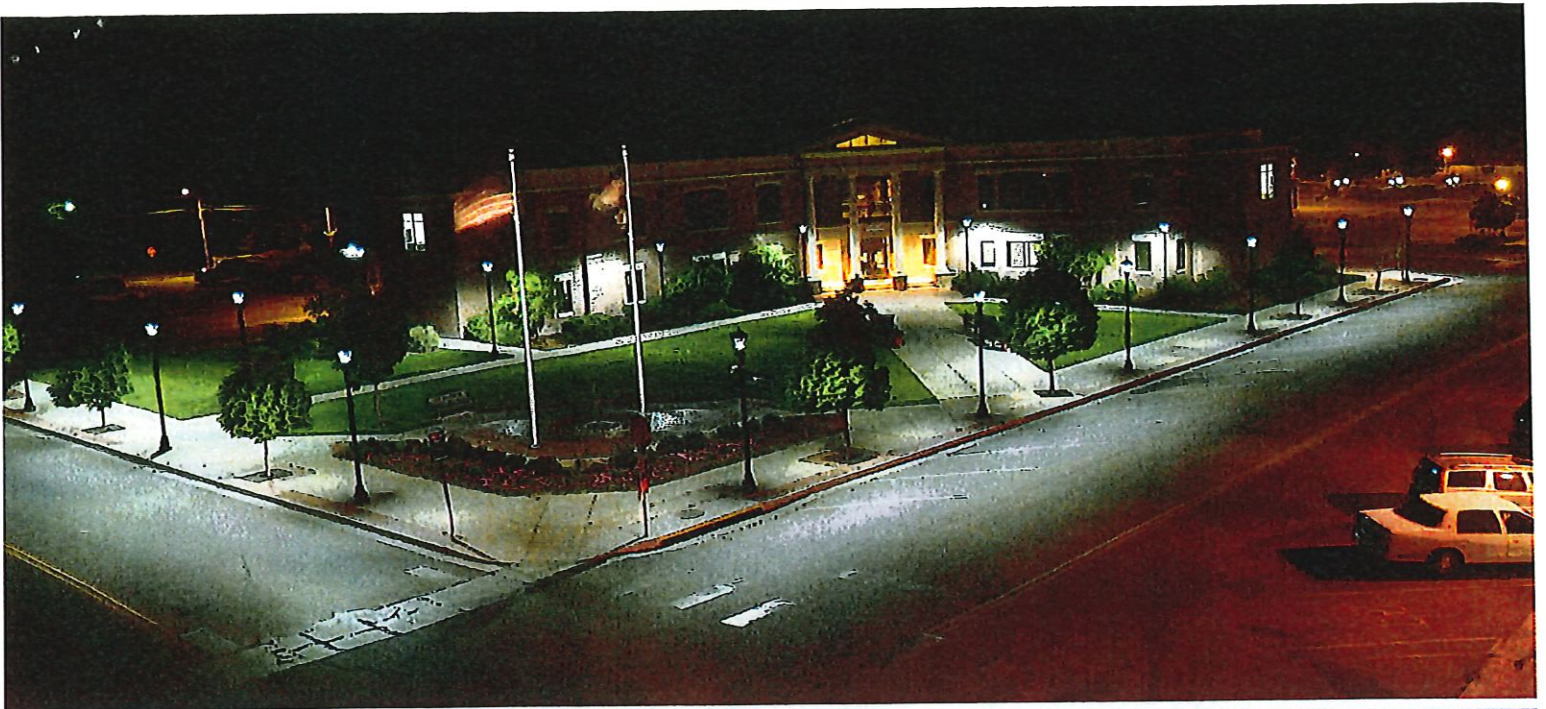
- + Type 2: Zero Uplight
- + Type 3: Zero Uplight
- + Type 4: Zero Uplight
- + Type 5: Zero Uplight
- + House-Side Shielding option

### 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



# LED Post-Top Lanterns

## 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.



**Acuity Brands Lighting, Inc.**

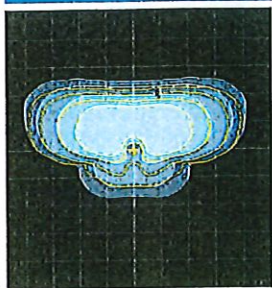
Holophane Headquarters, One Lithonia Way, Conyers, GA 30012

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)

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





Keep existing Pole  
by replacing top only.

Approx \$1,990.50 x 36  
Adapter @ 64.00 x 36

total \$73,962

Does not include  
pole sandblasting +  
repainting



## Arlington® LED

ARE3 and ARUE3 Posttop Lanterns

**HOLOPHANE®**  
LEADER IN LIGHTING SOLUTIONS

### Typical Applications

City Streets  
Urban Boulevards  
Campuses  
Parks  
Historic Districts  
Commercial Developments

Combining improved LED technology and timeless design, the Arlington LED series has been enhanced to meet modern needs of sustainability and energy management. With a wide range of distributions and lumen packages, the ARE3 and ARUE3 provide optimal design flexibility to enhance your architectural space. Engineered with third generation Acuity Brands® LED technology, they perform with unrivaled efficacy and uniformity. With 125 years of experience in manufacturing prismatic optics, Holophane® borosilicate glass optics provide durability and decreased dirt depreciation over alternative solutions.

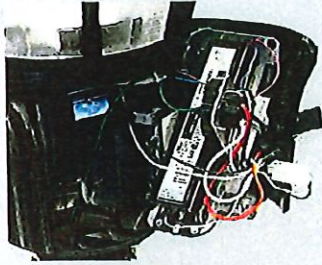
- + 30-100W LED to replace 50-250W HPS
- + Performance packages from 3,000-10,700 lumens and up to 120 lumens per watt
- + Choose from glass or acrylic prismatic optics
- + Type III and V distributions for roadway and area
- + Visually comfortable 2700K-4000K CCT
- + Utility-friendly features available such as tool-less entry door and pre-wired 3-stage terminal block
- + 0-10V dimming driver, with DALI driver option
- + 20kV/10kA extreme surge protection standard
- + XVOLT tank driver option for protection against dropped neutral and other dirty power issues
- + 20+ years service life with lumen maintenance of up to 84% at 100,000 hours
- + Adjust lumen output at each pole with optional FAO module
- + Six standard colors and a variety of custom colors available
- + Advanced controls compatibility including DTL® DLL Elite 20-yr photocontrol or nLight® AIR wireless networking



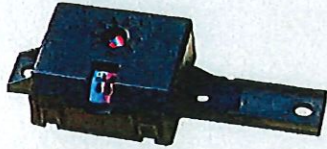
# Arlington® LED

ARE3 and ARUE3 PostTop Lanterns

Available in both Utility and Standard Configurations



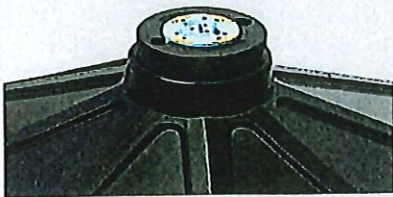
Choose Arlington Utility (ARUE3) for lineman-friendly features like tool-less entry and pre-wired terminal block



Customize your lighting experience fixture by fixture with the optional field-adjustable lumen output module (FAO)



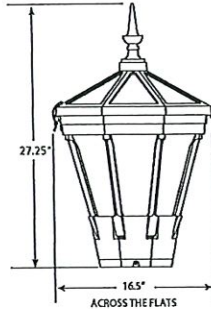
20kV/10kA surge protection helps to ensure operational reliability



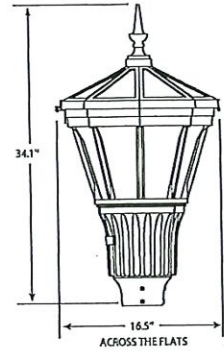
Choose between internal or external 7-pin photocell receptacle



**Arlington LED**  
Maximum Weight: 43 lbs  
Maximum E.P.A.: 1.4 sq. ft.



**Utility Arlington LED**  
Maximum Weight: 45 lbs  
Maximum E.P.A.: 1.4 sq. ft.



**DTL**  
DARK TO LIGHT

**nLIGHT**



**DTL DLL Elite**  
20-yr photocontrol



**DTL DSN**  
Smart city network node



**nLight AIR rTLN node**  
Wireless network site node

To further enhance energy savings and carbon footprint reduction, Arlington LED is available with a variety of advanced controls options from our DTL® and nLight® brands. Get up to 20 years of service life from the **DLL Elite** or upgrade to a smart city network with the Itron® ready **DSN** node from DTL. The **rTLN** node can even allow you to connect your outdoor and indoor lighting for a seamless nLight AIR site lighting network that is simple to control, monitor and maintain.



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)  
Product specifications may change without notice. Please contact your sales representative for latest product information.

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