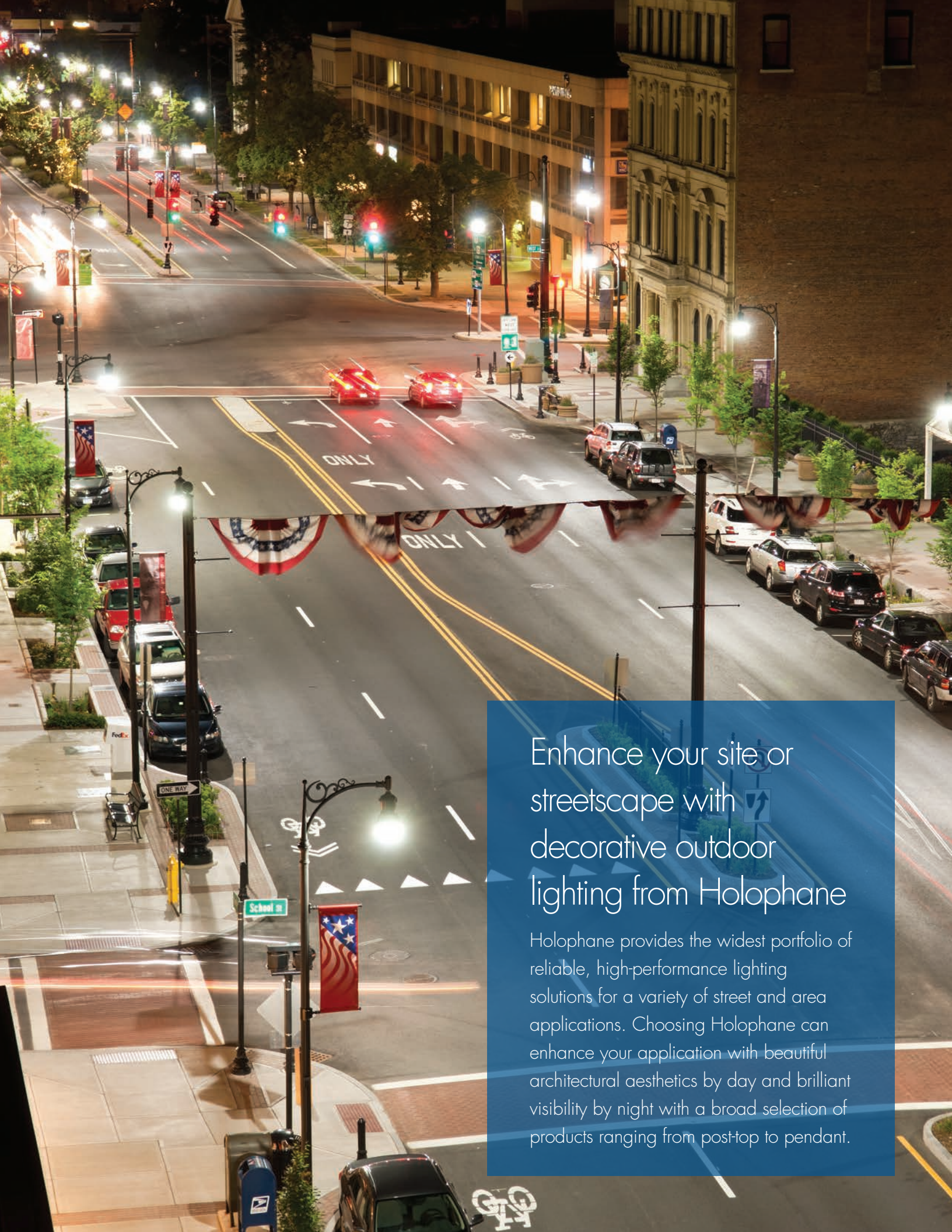
HOLOPHANE®
LEADER IN LIGHTING SOLUTIONS

Decorative Roadway and Area Lighting

AcuityBrands.



Enhance your site or streetscape with decorative outdoor lighting from Holophane

Holophane provides the widest portfolio of reliable, high-performance lighting solutions for a variety of street and area applications. Choosing Holophane can enhance your application with beautiful architectural aesthetics by day and brilliant visibility by night with a broad selection of products ranging from post-top to pendant.

Decorative roadway and area lighting from the leader in the industry

HOLOPHANE®
LEADER IN LIGHTING SOLUTIONS

For over 125 years Holophane has been providing municipalities, utilities and landscape architects with decorative outdoor lighting solutions that enhance roadway and area applications both day and night.

Decorative post-top and pendant lighting products from Holophane come in a variety of styles and form factors ranging from period to traditional to compliment the architectural statement in your application. Expert optical design provides the highest uniformity and visual comfort at night while presenting a sparkling appearance by day. Durable construction, prismatic glass optics and utility-friendly features are combined with the most advanced electronics and controls to provide you the lowest total cost of ownership for the life of the product.

125 YEARS HOLOPHANE

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Vertically integrated design and manufacturing

As part of Acuity Brands, a Holophane product is designed from the ground up with highly-engineered components that endure some of the most stringent testing in the industry.

From drivers, light engines and optics to surge protection and controls, we maintain precise quality control over every component from engineering all the way through our manufacturing processes. We have manufacturing facilities in both the US and Mexico allowing us to offer BAA compliant (Buy American) options for nearly every decorative outdoor product in our portfolio.

Furthermore, our consultative factory-direct sales force can help ensure that you have specified the right product for the job while providing the best customer service available.

At the end of the day, you can rest assured that every component within your product has been thoroughly tested for quality and compatibility, and this reliability is backed by the largest lighting and controls manufacturer in North America.

Earth LIGHT

An additional benefit you receive when partnering with a vertically integrated Acuity Brands organization is our commitment to environmental sustainability. While our corporate carbon footprint assesses the environmental impact of our products and processes, we also help our customers to pursue the environmental benefits of upgrading older, less efficient technology. Reducing carbon footprint is one way that we make a measurable impact on minimizing climate change.

Typical Applications

Downtown streets
Residential streets
Boulevards
Bridges
Biking & walking paths
Parking lots
Schools & campuses
Public parks
Commercial districts & plazas

Lighting design with purpose

Today's outdoor lighting issues can present new challenges to people involved with outdoor lighting specifications, design, and selection. Very often, the goal to provide safety and security for nighttime activity can drive a new lighting project. In addition, revitalization of cities, towns, shopping districts, and residential developments for increased commerce has inspired new lighting installations. Many communities have considered the need for decorative lighting with a specific theme or style in mind (historical, contemporary, art-deco, etc.), to promote commerce, inspire community spirit, and improve public recognition.

However, awareness of light pollution (sky glow), light trespass, and veiling luminance (glare) has increased greatly in recent years and has provided new considerations for decision makers associated with selecting fixture types. In addition, costs associated with the new initial lighting installation, as well as operating expenses (energy consumption, maintenance, etc.), have played a significant role in choice as well.

Benefits of implementing decorative roadway and area lighting from Holophane

+ Beautify and enhance your application
+ Revitalize and renovate historical districts
+ Invigorate commercial districts
+ Extend and compliment the architectural statement of your sitescape
+ Reduce operational costs
+ Improve sustainability efforts
+ Enhance visibility, safety and civic pride

Perhaps the greatest challenge has been incorporating all these benefits into the fixture and design choice while finding the best solution for a specific project and community. Often, that can involve a balance of all these factors, as well as certain compromises.

Within the outdoor lighting industry, these topics continue to be discussed and debated among specifiers, government agencies, special interest groups, manufacturers, trade organizations, and other influences.

Holophane designs every product with the customer's needs in mind and is positioned to assist our customers in making a truly informed decision that is best for both their outdoor application and their community.


THE
FOUNDATIONS

Improve your city infrastructure with decorative outdoor LED lighting solutions from Holophane

Holophane is a partner you can trust to keep your infrastructure strong and healthy for years to come.

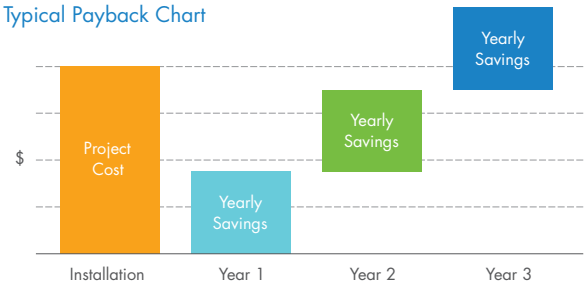
We provide a complete range of decorative outdoor LED lighting products including a plethora of architectural poles, arms and bollards. Each luminaire may work independently or as part of an integrated solution, utilizing our controls and network capabilities.

We're the leader in LED technology. Upgrading to LED facilitates a faster payback to impact your operational costs.

LED is a highly energy-efficient lighting technology and has fundamentally changed the state of lighting in virtually all applications. Why? Because LED:

+ Has the greatest potential impact on energy savings, reducing energy consumption by up to 70%
+ Reduces labor and downtime costs associated with the maintenance of traditional lighting sources
+ Heightens visibility which can help enhance safety in the environment
+ Provides complete control, flexibility and additional savings when installed with an optimized wireless network

Typical Payback Chart



LED systems last longer than traditional HID technology

And they maintain constant light levels throughout that lifespan as well

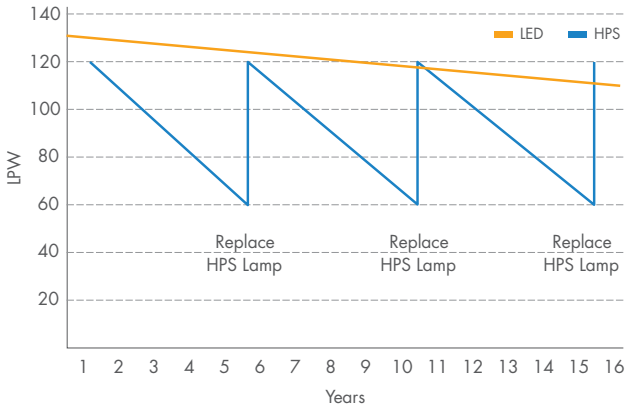
With unparalleled lifespans of up to 100,000 hours or more, LEDs last significantly longer than traditional sources, delivering years of continuous operation.

Our LED fixtures boast minimal lumen depreciation over the life of the product, compared to high pressure sodium (HPS) lamps that have a rated life of 24,000 hours and rapidly-depreciating lamp lumens.

Add reduced maintenance and improved visibility to the picture, and the advantages are clear.

LEDs offer reduced maintenance

The long life of LEDs means eliminating three or four lamp changes over the life of the fixture. This would mean substantial savings in lamp and labor costs associated with both routine and unexpected maintenance.



Improved visibility too!

Advances in LED technology have made solid state fixtures the preferred choice over HPS lamps for uniform illumination and higher color rendering. The improved light creates an environment that can enhance safety and promote consumer activity in commercial districts.

Lighting for roadways

The purpose of roadway lighting is to provide visibility to vehicular traffic and maximize vehicular safety. Roadway lighting systems illuminate the environment beyond the range of headlamps and mitigate the glare from oncoming vehicles. This can increase the adaptation level of the driver's eyes and improve decision and reaction times.

Properly designed roadway lighting can also provide other benefits that are desirable, such as encouraging the nighttime use of public facilities, providing aid to police and rescue personnel, and providing for an efficient utilization of roadways and vehicles.

There are many issues the designer must address when planning lighting for a roadway: the type of roadway, whether it is urban or rural, pedestrian traffic, pavement classification, and energy consumption, to name a few.

Ideally, the roadway luminance (or "brightness") should be of proper value and uniform, thus enabling drivers to identify other vehicles and objects in order to avoid collision. It is especially critical that careful attention be paid to selecting a lighting system that minimizes veiling luminance (or "glare") so as not to hinder drivers from proper visibility. Optical devices such as reflectors, refractors, and shields may be utilized to reduce the possibility of disabling glare in the interest of safety.

In highly urbanized, commercial areas, light trespass may be less of an issue. Adjacent lighted areas may have higher illumination levels than the roadway and the proposed roadway lighting would not have any adverse effect. Illumination for roadways adjacent to residential or other sensitive areas should be evaluated based on location of the lighting in relation to the adjoining properties. The use of lighting products with distributions suited for the application, appropriate mounting heights and luminaire positioning combined with shielding when required can successfully limit light trespass.

A recommended reference for standards and design dealing with roadway lighting is the Illuminating Engineering Society of North America (IESNA) publication RP-8-00 (Recommended Practice for Roadway Lighting/ANSI Approved).


Deerfield

Lighting for pedestrians

When lighting an area for nighttime pedestrian use, the primary objective is very often to provide a three-dimensional space that looks nearly the same at night as it does during the day.

An open, visual environment that is bright and free of shadows will help pedestrians distinguish details and specific characteristics of other people or objects within the space. Sufficient vertical illumination is the key component in providing pedestrian security and safety.

To help instill a feeling of comfort and safety, a lighting system must provide portal-to-portal illumination. This will ensure there are no hidden areas where an unidentified assailant can wait for an unsuspecting passerby. A subtle, controlled uplight component can help to create an open, visual environment similar to daylight conditions and avoid the "cavern effect" created by common cutoff and full cutoff lighting. An enhanced visual field in the area created by vertical illumination and a small percentage of uplight will promote nighttime activity in the community.

Designers typically should avoid reliance on silhouette lighting (see Figure 1) in this type of application, because it outlines people or objects without allowing occupants to discern specifics: whether another person is a man or woman, how he or she is dressed, or whether he or she is holding an object, such as a weapon. Often, when silhouette lighting is provided, the occupant will not be able to determine whether the other person is approaching or walking away, and whether the person is a threat.

Importantly, when lighting an application for pedestrian use, the need to see detailed characteristics of people and objects through vertical illumination is imperative for security, safety, and comfort (see Figure 2).

Figure 1
Lighting by silhouette makes it very difficult to identify a passer-by, thus increasing potential danger to nighttime pedestrians.

Figure 2
The positive vertical illumination provided allows easy identification of pedestrians and can therefore enhance security.

A uniformly lit space that eliminates potential hiding spaces for attackers and criminals is essential. Further-more, utilizing a lighting system that accents building facades and penetrates foliage and parked vehicles to create an open, visual environment is ideal.

All this being said, is there any one type of luminaire that is ideal for pedestrian use after dark? Certainly, a highly efficient lighting system that provides adequate levels of vertical illumination is essential. This is more often an inherent characteristic of luminaires with less "cutoff". However, it may be found in any one of the IESNA cutoff classification types.

Ultimately, it is dependent on the lighting objectives and concerns of a given community. Special consideration of mounting height, wattage, pole spacing and layout, pole setback, light distribution, and luminaire uplight (direct and indirect) must be made when creating a design. In regions sensitive to direct uplight component, such as nearby observatories, every effort should be made to use shielding, and to restrict or reduce the intensity.

Your expert in visual comfort

The word Holophane comes from the Greek "Holos Phanein" which means "wholly luminous." Therefore, since our invention of prismatic refractors for light control by Andre Blondel in the 19th century, Holophane has been laser-focused on providing optimal visual comfort in every lighting product we engineer. The hallmark of Holophane optical design has been precision engineering and manufacturing of optics produced from borosilicate glass. This allows us to design the most efficient optics possible while providing a robust, durable solution that exhibits sparkling beauty by day and visually comfortable illumination by night.

Benefits of Borosilicate glass optics

+ Popular, period style form factors for architectural applications
+ Sparkling daytime appearance to beautify environment
+ Visually comfortable nighttime illumination
+ Robust material that is impact and thermal shock-resistant
+ Inert composition with superior luminaire dirt depreciation (LLD)
+ Will not yellow, crack or haze with age
+ Resistant to environmental contaminants
+ Sustainability – Made from natural materials and completely recyclable

Color temperatures and visual comfort

An additional factor to consider in achieving optimal visual comfort is correlated color temperature (CCT). While this is a subjective topic, it is typically accepted that higher (cooler) color temperatures provide increased color rendering (CRI) but lower (warmer) temperatures provide a greater level of visual comfort. Most outdoor lighting applications utilize color temperatures between 2700K and 5000K, depending on the user preference. Holophane can provide all these temperatures and more to meet your specific needs.


Walterstone Rd.


PASEO
DE LAS
LUCES

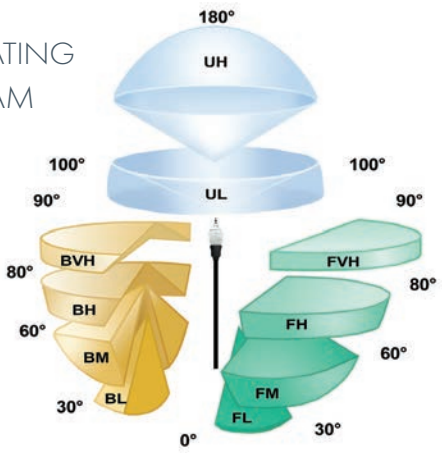
Environmental lighting considerations

When designing an outdoor lighting application, one may need to consider impact on the community and environment. Specifically, issues like uplight, light trespass and glare are often overlooked when specifying a lighting solution.

Backlight, uplight, and glare (BUG) ratings for a fixture are assigned a value between 0 and 5 (with lower of the scale being more desirable). BUG ratings enable people to make an informed decision about how appropriate a light fixture is for various outdoor applications and locations.

Using light fixtures with lower BUG ratings reduces unnecessary light pollution and promotes a more sustainable approach to outdoor lighting. The maximum amount of light in specified zones are based on thresholds defined by the Illuminating Engineering Society (IES).

BUG RATING DIAGRAM



Backlight (B)

This rating is related to the amount of light escaping from the luminaire in the rearward direction.

Uplight (U)

This is the amount of light directed above the horizontal plane of the luminaire. When a fixture has a 'U0' rating, it tells us the fixture emits zero light up into the night sky and could be a candidate for projects requiring a DarkSky-compliant fixture.

Glare (G)

This rating considers the amount of visual discomfort caused by glare from the luminaire to an observer in different positions.

Utilizing the BUG rating system is essential to making informed decisions when specifying lighting products for roadway and area applications. The system ensures that your project meets the necessary guidelines and requirements for visual comfort and environmental sustainability.

Terminology & definitions

LIGHT TRESSPASS:

Occurs when occupants of a neighboring space are affected by the lighting system's inability to contain its light within an intended area. A common cause of light trespass is the inappropriate selection, tilting, or aiming of outdoor luminaires for a particular task. Light trespass is also referred to as "spill light".

GLARE:

The sensation produced by luminance within the visual field that exceeds the eye's ability to adapt. This can cause annoyance, discomfort, or loss in visual performance and visibility.

NUISANCE GLARE:
Known as annoyance glare, it is defined as glare that causes complaints. The IESNA defines nuisance glare as the "light shining in my window" phenomenon.

DISCOMFORT GLARE:
Glare that does not keep the viewer from seeing an object but does cause physical discomfort.

DISABILITY GLARE:
The effect of a bright source causing stray light to scatter in the eye. The stray light obscures the primary image on the retina and restricts the viewer from seeing detail and items of importance. The "scattered" background light that reduces contrast is also called Veiling Luminance.

SKY GLOW:

The haze or "glow" that surrounds highly populated areas and reduces the ability to view the nighttime sky. The sky glow phenomenon is a result of light reflected from atmospheric particles such as fog, dust, or smog. Light enters the sky from an outdoor lighting system by indirect light reflected off surfaces below the luminaire as well as light directed by the lighting fixture above the horizontal plane. Sky glow is also referred to as "light pollution".

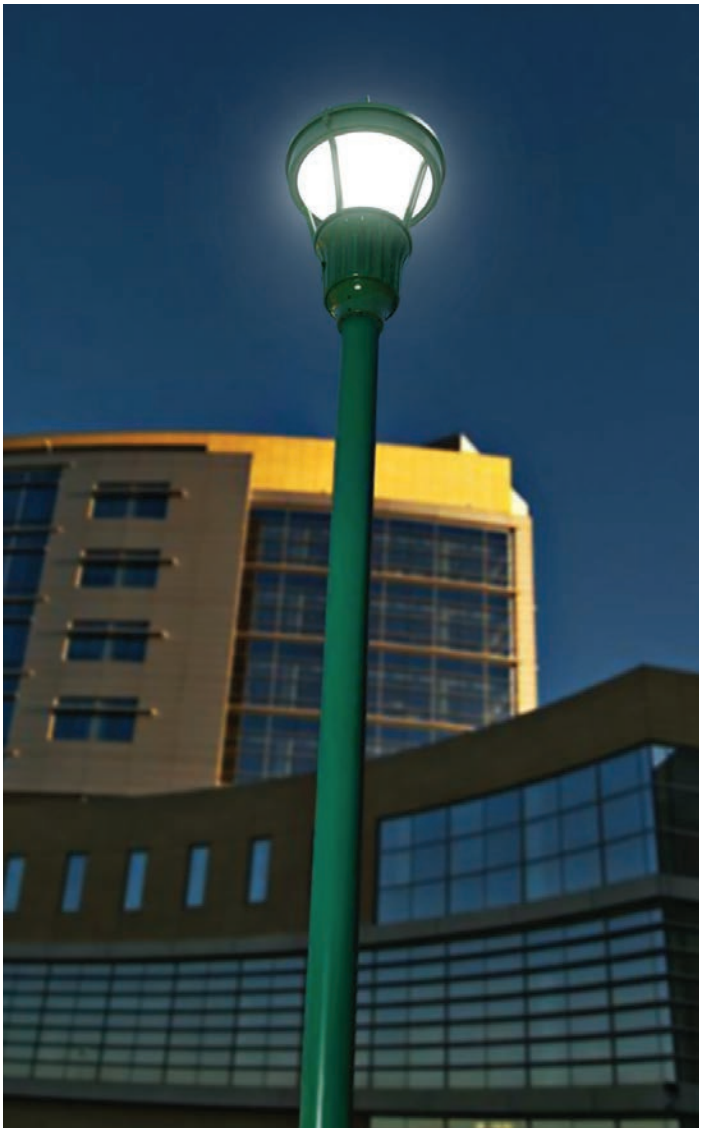
UPLIGHT:

The definition of uplight is the percentage of lamp lumens directed from a luminaire at or above 90 degrees.

Luminescent optics for visually comfortable cutoff applications

Holophane offers a variety of products that provide visually comfortable illumination while meeting cutoff requirements in DarkSky applications. These products perfectly balance performance with visual comfort and uplight restrictions to give you attractive and reliable solutions.

NIGHTTIME FRIENDLY™



Mechanical factors to consider

Holophane decorative outdoor products can withstand the most challenging environments while also providing user-friendly, ease of installation and maintenance.

The robust engineering and construction of an outdoor fixture from Holophane begins with the design of a product that is intended to be easy to install and service, making it the perfect choice for utilities and municipalities seeking to reduce time and cost for maintaining lighting operations. Utility-friendly features such as toolless entry, prewired terminal block and simplified retrofit kits go a long way to achieving this goal. But it doesn't stop there…

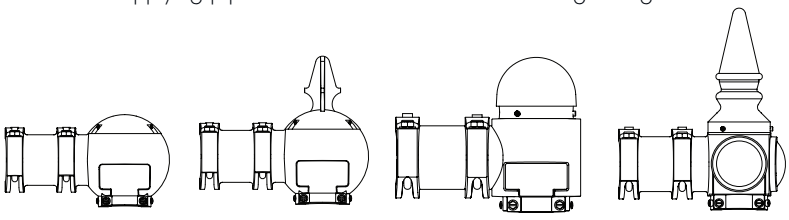
The next step is to utilize the industry's highest quality materials, manufacturing processes and testing to end up with the most durable and functional product possible. From 1.5G rated design to cast aluminum construction and polyester powder coat finish, your Holophane solution will meet your needs longer and more reliably than any other product available on the market.

Features and benefits you need in your outdoor solutions

+ Constructed from heavy grade, cast aluminum with low copper content for impact and corrosion resistance
+ IP55 rated housing with 1.5G rated vibration testing to endure challenging environments
+ Rigorous multi-state pretreating and painting process for long lasting finish and beauty
+ Toolless entry and spring-loaded latch with swing-open doors for fast and easy servicing
+ EEI-NEMA twist lock receptacles for industry-standard control options and capabilities
+ Tenon-mount to slip-fitter that will accept 3" high by 2-7/8" to 3-1/8" O.D. pole tenon

QSM fitters to speed up and simplify installation of pendant mounting

The self-leveling Quick-Stem-Mount fitters from Holophane provide fast, hassle-free installation of outdoor pendant fixtures. The stem on the pendant locks securely in place via a small access door on the fitter, eliminating the need for applying pipe sealant and avoids cross-threading during installation.



	Ball Style	Boston Harbour	GlasWerks	West Liberty
Series	BADF	BHDF	GWDF	WLDF

Integrated electrical engineering

The last thing you need is a lighting solution that is a hodge-podge of components designed by multiple manufacturers. This often can lead to a product that is not optimized for compatibility, performance or reliability.

Any failure in operation can often result in a conflict to determine who is responsible and sometimes leaves you holding the bag. This is not the case when you purchase a Holophane product. Lighting solutions from Holophane bring with them a level of reliability that only comes with the fully integrated engineering and manufacturing process at Acuity Brands. This approach also gives Holophane superior control over supply chain issues to eliminate unnecessary delays in delivery.

Light engines & drivers

As part of Acuity Brands, Holophane is able to leverage the integration of eldoLED®, the industry's leading brand in driver technology. Our driver selection and stringent testing processes offer the highest level of compatibility and reliability for your outdoor lighting applications. Our driver solutions offer UL or CSA certified, auto-sensing MVOLT 120-277V and HVOLT 347-480V options at 50/60HZ. We also can offer DALI® compatible solutions in most products and are committed to pursuing the latest in industry trends such as DALI D4i for intelligent driver technology for increased asset management capability.

eldoLED®

Surge protection

A lighting product is only as good as the surge protection engineered into it to keep it operational under poor power quality conditions. Holophane products incorporate 20kV/10kA Acuity Brands surge protection to address a variety of power surges, thereby ensuring that your product will function reliably. This surge protection device provides "fail off" operation with an indicator light to let you know where the problem is should the fixture fail to operate.

Controls integration

It is essential that your controls solutions have been engineered and tested for complete compatibility with the overall design of your driver, light engine, surge protection and overall fixture design. Choosing a controls strategy that incorporates products from DTL® and nLight® provides you a tested, reliable solution that will not leave you caught between fixture and control manufacturers should you run into a problem. Acuity Brands will stand behind the entire solution and make sure that you have a dependable system with the backing of the largest lighting and controls provider in North America.

DTL® DARK TO LIGHT

nLIGHT®

Understanding lighting controls for roadway and area applications

How do controls help my lighting solution?

Incorporating modern, efficient lighting with digital controls creates significant advantages over lighting-only options:

+ Stand-alone or component-based controls can provide significant energy savings with little or no programming
+ System-based solutions link devices to control one or multiple spaces and offer a higher level of functionality

How do controls help my bottom line?

Applying lighting controls to unmanaged lighting can save 25 to 45% of the existing energy. Popular outdoor control strategies include dimming, scheduling and monitoring.

Lowering energy consumption through the use of controls is a "green" solution, too – helping enhance sustainability and reducing the impact of our carbon footprint.

With site-wide control, what was complex is now simple

Intelligent lighting controls simplify complex projects with graphical interface management of larger lighting systems. In many cases, the lighting control system can remotely control luminaires in groups or individually, on-demand or by schedule.

Controls help enhance safety

How do you respond quickly to lighting failures? Monitoring and diagnostics. Reliable, high-quality lighting systems improve visibility in roadway and parking environments and help to deter crime.

Easy retrofits for existing spaces

Deploying lighting controls in existing spaces can be simple when the controls are designed for easy retrofit. Highly scalable solutions install with minimal changes to existing infrastructure and take advantage of technology to simplify reconfiguration.

Gain peace of mind

Simplicity – Clarity and assurance in helping you create the optimal, simple and secure lighting and controls solution.

Compatibility – Luminaires, controls and technology components designed, manufactured and tested for interoperability.

Reliability – Customer assurance that a control system from Acuity Brands will perform as promised and will be serviced by one company - committed to ensuring your satisfaction.

Controls and asset management to enhance and improve your infrastructure

The foundation of controls

Acuity Brands leads the way in development of controls technologies and establishing standards for the industry. Standards such as the Acuity Brands-designed 7-pin photocontrol receptacle ensure future-proofing of your luminaire so that additional features and capabilities can be enabled as they become available.

DTL DLL Elite – Standalone dusk-to-dawn control

Recognized by the industry world-wide as a provider to utility, commercial and municipal customers, DTL is an established market leader with the breadth of product to cover all applications, including roadway, area lighting, floodlighting, security and residential. 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 Local Connect – Wireless control and asset management

Local Connect is a low-voltage, wireless control solution embedded in luminaires from Dark to Light® that offers superior streetlight asset management through a mobile app and web portal. It provides a complete database of lighting assets with GPS coordinates and a simple map-based interface accessed through the app or the desktop application. The luminaire embedded DTL DELC node enables Bluetooth® connectivity between your mobile device and installed outdoor lighting assets enabling control, diagnostics and asset data auditing from the ground. Contact your Holophane representative for availability of products to be Local Connect enabled in 2024.

Network control solutions from DTL and nLight

Our solutions offer the greatest levels of flexibility and scalability in fixture configuration options for networked controls, sensors and asset management. These configurations have been designed to meet NEMA industry standards for receptacles. A wide variety of NEMA P7 configurations are available for use with DTL and third-party devices.

+ **DTL DIN:** The DTL DIN solution combines the reliability of the DLL Elite photocontrol, designed for 20-year operating life, with the performance of the Itron network platform for unparalleled functionality and adaptive control of street lighting systems. With the DIN solution, you now have access to a multi-application platform, providing one network for critical infrastructure solutions like smart lighting, smart metering and other outdoor IoT technologies.
+ **nLight rSBOR:** Offers occupancy sensing by utilizing Passive Infrared (PIR) detection technology to detect walking-size motion while preventing false tripping from the environment. As part of the nLight AIR wireless controls family, the rSBOR uses a 900MHz communication frequency that easily penetrates obstructions, and its five-tier security architecture helps building owners and occupants rest easy.
+ **Cell Connect:** A networked photocontrol with cellular communication providing digital switching, precise dimming, and revenue grade metrology. Cell Connect is D4i compliant and leverages embedded D4i drivers to communicate real-time data to UbiVu, a cloud-based asset management system. Contact your Holophane representative for availability of products to be Cell Connect enabled in 2024.

Polyester powder coat finishes

Salt spray/fog testing

The salt spray test (or salt fog test) is a standardized and popular corrosion test method, used to check corrosion resistance of materials and surface coatings.

This testing is an accelerated corrosion test that produces a corrosive attack to coated samples in order to evaluate (mostly comparatively) the suitability of the coating for use as a protective finish.

The appearance of corrosion products (rust or other oxides) is evaluated after a predetermined period of time. Test duration depends on the corrosion resistance of the coating; generally, the more corrosion resistant the coating is, the longer the period of testing before the appearance of corrosion or rust. The salt spray test is one of the most widespread and long-established corrosion tests.

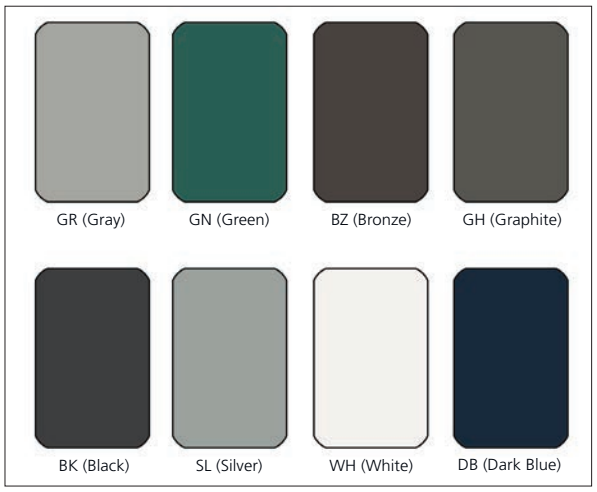
Super Durable finish options

Holophane Super Durable corrosion resistant colors are weather resistant. They utilize a rigorous multi-stage pre-treating and painting process yielding a scribe creepage rating of 8 (per ASTM D1654) after over 5000 hours exposure in a salt fog chamber (operated per ASTM B117) on standard and RAL finish options. This provides an extremely long system life free of corrosion even in the most extreme environments.

Painted samples are scribed before conducting the salt fog test and checked for creepage into the paint at the edges of the scribe after accelerated exposure.

Standard colors

Durable powder coat finishes from Holophane utilize polyester-based compounds combining the flexibility, impact resistance and corrosion protection of epoxies with the weather resiliency normally associated with brittle acrylics. The eight colors shown here are standard color options with custom colors available upon request.



Custom colors

Holophane can match any custom color to a sample paint chip. A sample of the custom-blended finish will be provided by Holophane for final approval. Lead times for these colors will be extended due to the custom match and approval process.

Decorative outdoor post-top portfolio

GranVille® Series

45"

Washington Postlite® Series

Madeira® Series

42"

Prismasphere® Series

Riverfront® Series

Prismatic Lantern

34"

Taft Series

Arlington® Series

Jefferson® Series

Full Cutoff Series

46"

Taft FCO

Arlington FCO

Washington FCO

Dorchester® Series

Victorian

Utility

Decorative outdoor pendant portfolio

Tear Drop Series

34"

Urban/Roadway Scale

Pedestrian Scale

GlasWerks® Prismatic Series

35"

Prague® | Bern® | Hallbrook® Exttended | Vienna® | Hallbrook® | Lyon® | Milan®

GlasWerks Luminescent Series

23"

Prague® | Bern® | Hallbrook® Exttended | Vienna® | Hallbrook® | Radial Wave® | Lyon® | Milan®

Beautiful by day...

...visually comfortable by night

Acorns: GranVille®

Replacing up to 250W HID, the GranVille Series combines classic historical aesthetics with the latest LED technology to provide optimal value in roadway and area applications. The new design of the GranVille family fully utilizes Holophane glass optics to produce the best performance in its class with a visually comfortable "wholly luminous" appearance. GranVille solutions also offer state-of-the-art controls and sensor solutions from DTL and nLight. Certified OEM retrofit kits are also available for Holophane HID GranVille products.

GranVille

GVD3 & GPD3

- 2,900 to 14,000 lumens
- Up to 150+ LPW
- Type III and V optics
- 2700K to 5000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Certified OEM retrofit kit available

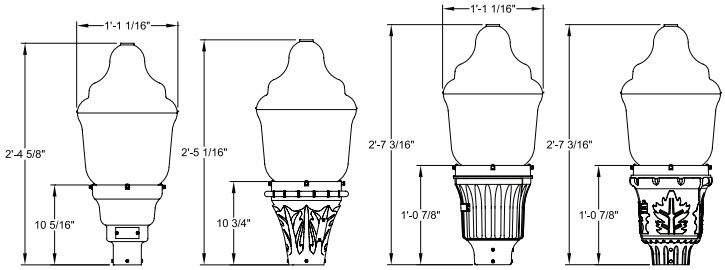
Optional top cover is available in all GranVille LED luminaires

GPD3 (Premier)

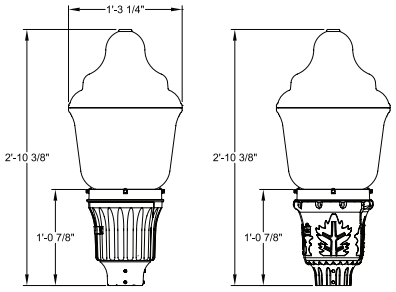
GVD3 (Classic)

(CLF) Classic Leaf | (SPL) Simple | (MS) Utility | (LS) Utility Leaf

GVD3 (Classic)



GPD3 (Premier)



Acorns: Washington Postile®

Replacing up to 400W HID products Washington Postlite fixtures utilize prismatic glass or acrylic optics to produce high performance with a beautiful, wholly luminous appearance. The WAE3 and AWDE3 series also provide enhanced historical aesthetics, application flexibility and great overall value for retrofit opportunities. The larger classic acorn style form factor of the Washington family scales well for taller mounting heights and wider pole spacing.

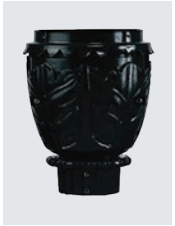
Washington (Glass & Acrylic)

WAE3 & AWDE3

- 2,800 to 21,000 lumens
- Up to 164 LPW
- Type III and V optics
- 2700K to 5000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Certified OEM retrofit kit available

WAE3 (Glass)

(STS) State Street



(EN) Enhanced Style

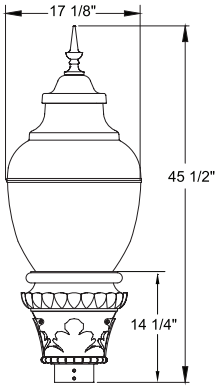
(MS) Utility

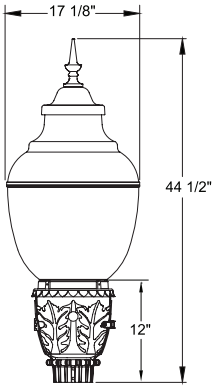
AWDE3 (Acrylic)

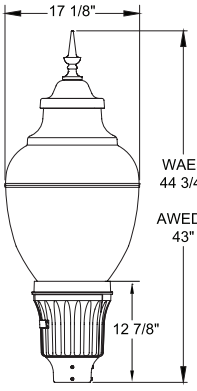
(LS) Utility Leaf

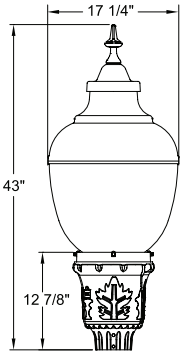
(CLF) Classic Leaf

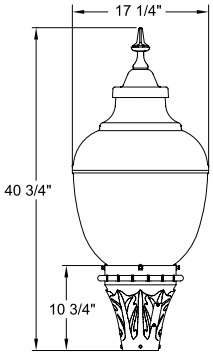
(SPL) Simple

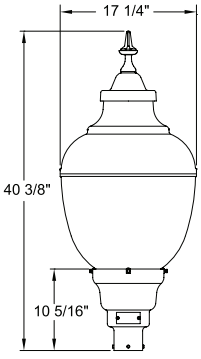












Acorns: Madeira®

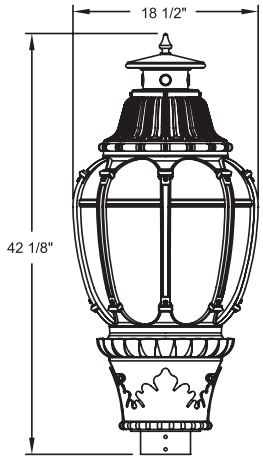
The Madeira LED blends the latest LED technology with a uniquely styled luminaire, which is reminiscent of the turn of the Spanish 19th Century and blends exceptionally well with traditional architecture. The prismatic glass optics combined with the decorative ribs and the replica chimney provides the right balance of exceptional beauty and performance. The Madeira provides exceptional illumination for roadway applications while saving energy and reducing maintenance cost.

Madeira

MDLE2

- 5,200 or 7,800 lumens
- Up to 135 LPW
- Type III, IV and V optics
- 2700K to 5000K CCT
- 10kV/5kA surge protection
- Advanced DTL controls
- Utility-friendly toolless design
- Optional house-side shields

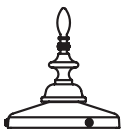
MDLE2

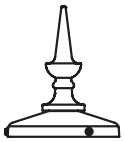


REMOVABLE CHIMNEY OR FINAL


Chimney (CH)


Bud (BU)


Ornate (OR)


Spike (SP)

Spheres: Prismasphere®

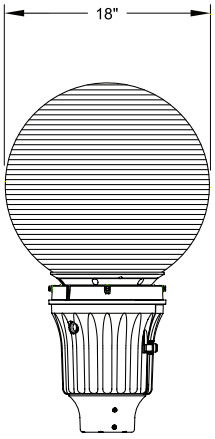
Replacing up to 250W HID, the Prismasphere series is designed to complement exterior landscape and site architecture by bringing historically significant and classic Euro-styled elegance to outdoor lighting applications. By incorporating a variety of sphere types and decorative trims, the PSUE3 series can adapt to any architectural theme. Specially molded prisms direct light where it is needed in a controlled distribution, giving enhanced spacing between luminaires with superior uniformity and visual comfort.

Prismasphere

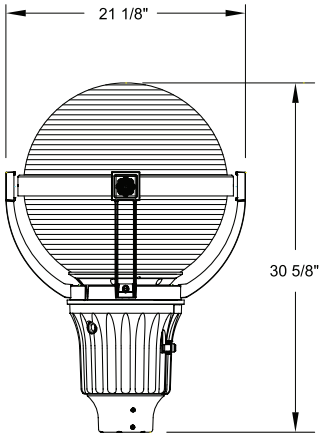
PSUE3

- 3,400 to 14,900 lumens
- Up to 168 LPW
- Type V optic
- 2700K to 5000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Optional ribs and bands

PSUE3



Ribs & Bands Options



(MS) Utility

(LS) Utility Leaf

Spheres: Riverfront®

The Riverfront LED RFUE3 series is designed to complement exterior landscape and site architecture by bringing both historically significant and classic Euro-styled elegance to up to 400-watt outdoor lighting applications. At a larger scale than the Prismasphere series, the prismatic glass Riverfront is ideal for applications where taller mounting heights are desired. Riverfront solutions also offer state-of-the-art controls and sensor solutions from DTL and nLight.

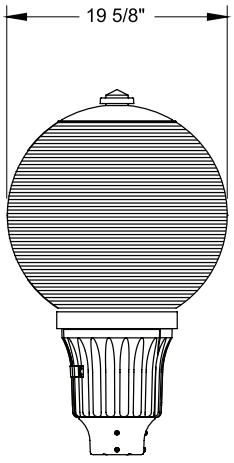
Riverfront

RFUE3

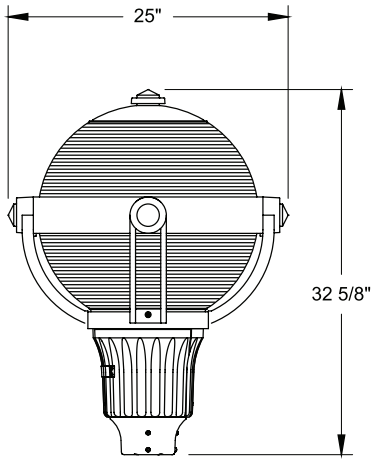
BAA

- 2,100 to 20,000 lumens
- Up to 180 LPW
- Type V optic
- 2700K to 5000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Large scale form factor

RFUE3



RIBS & BANDS OPTIONS



Prismatic Lanterns: Taft

Combining superior LED technology and timeless design, the Taft LED series has been enhanced to meet modern needs of sustainability and energy management. Replacing up to 250W HID with a wide range of distributions and lumen packages, the PTE3 and PTUE3 provide optimal design flexibility to enhance your architectural space. Engineered with third generation Acuity Brands LED technology, they perform with unrivaled efficacy and uniformity.

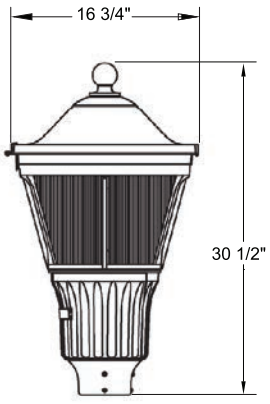
Taft

PTUE3 & PTE3

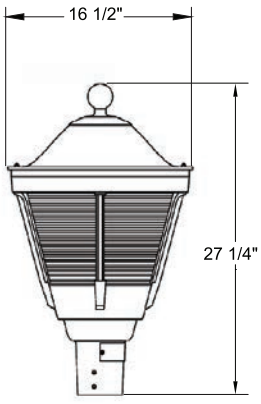
- 3,400 to 11,600 lumens
- Up to 128 LPW
- Type III and V optics
- 2700K to 4000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Certified OEM retrofit kit available

The Taft series is available with your choice of ball or spike finial, no finial, 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.

PTUE3



PTE3



Prismatic Lanterns: Arlington®

The Arlington LED series combines timeless design with improved LED technology to meet the current demands of sustainability efforts and energy management strategies. The ARE3 and ARUE3 offer a variety of distributions and lumen packages to suit your architectural space in up to 250W HID applications. With the third generation Acuity Brands LED technology, this solution delivers high efficacy and uniformity while enhancing the visual impact of your site or streetscape.

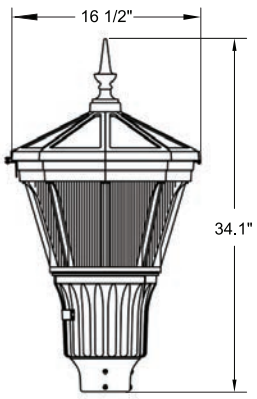
Arlington

ARUE3 & ARE3

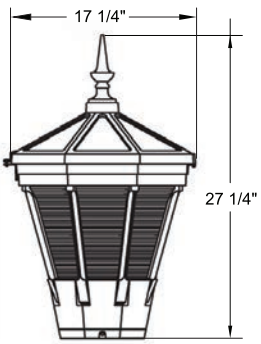
- 3,000 to 10,700 lumens
- Up to 118 LPW
- Type III and V optic
- 2700K to 4000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Certified OEM retrofit kit available

The Arlington series is available with your choice of ball or spike finial, no finial, 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.

ARUE3



ARE3



Prismatic Lanterns: Jefferson®

The Jefferson LED series features classic design with the latest LED technology to help you meet your energy management and sustainability goals in a variety of applications. The ARE3 and ARUE3 offer a variety of distributions and lumen packages designed to suit your specific street, walkway and area lighting needs. With the third generation Acuity Brands LED technology, they are suited to replace up to 250W HID fixtures while delivering high efficacy and uniformity.

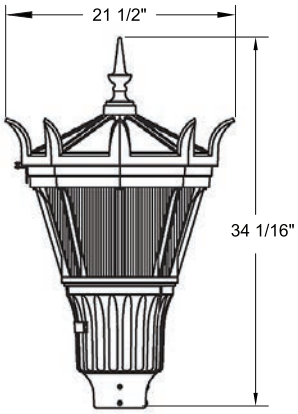
Jefferson

JFUE3 & JFE3

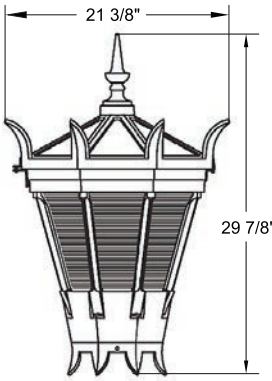
- 3,000 to 10,700 lumens
- Up to 118 LPW
- Type III and V optics
- 2700K to 4000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Certified OEM retrofit kit available

The Jefferson series is available with your choice of ball or spike finial, no finial, 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.

JFUE3

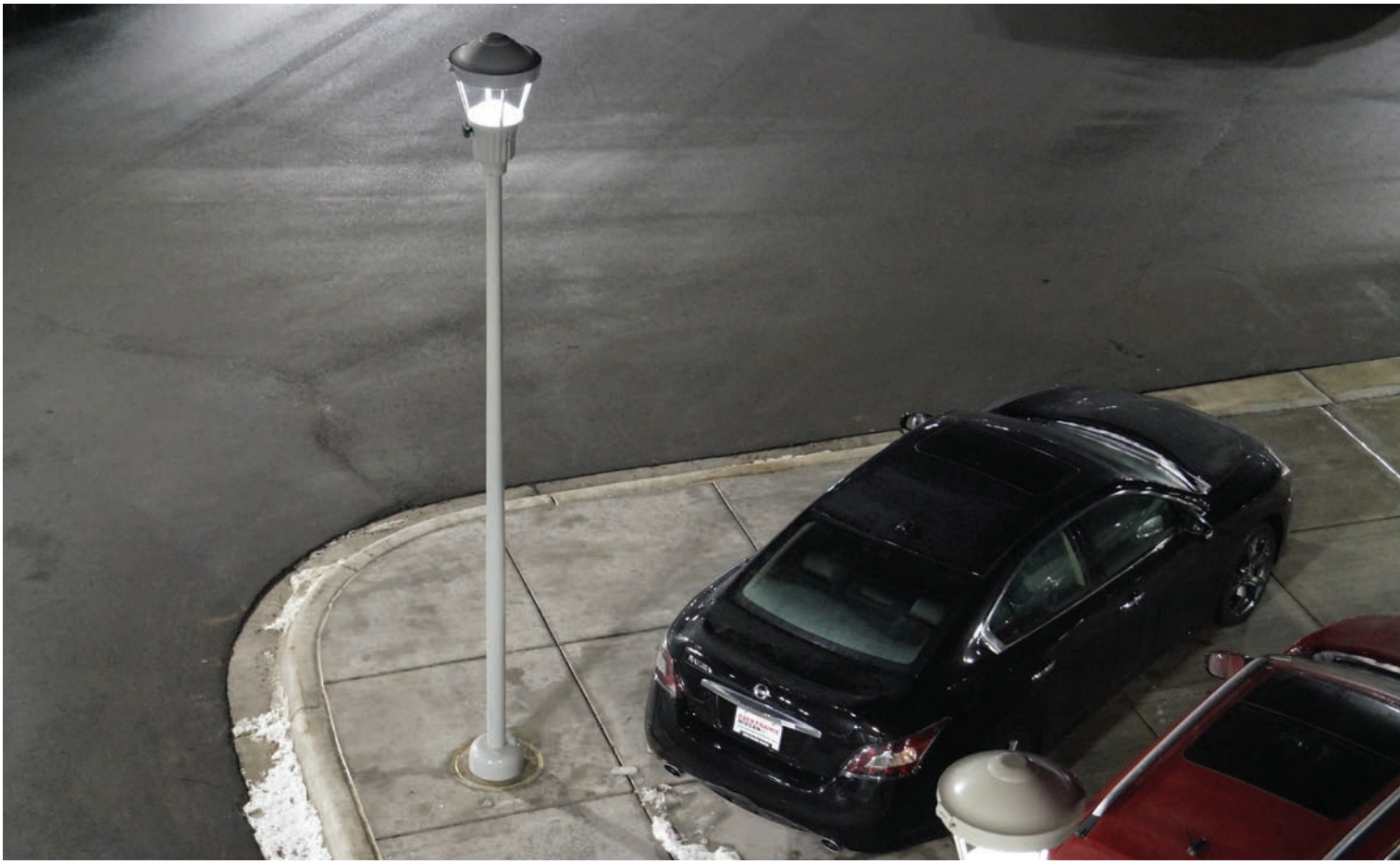


JFE3



Full Cutoff Lanterns: Taft® FCO

The Taft FCO Post-top LED lantern is designed to meet the IESNA requirements for zero-uplight classification and reduced impact on urban sky glow in up to 175W HID applications. It offers a wide range of distributions and lumen packages with multiple optical configurations to balance performance and visual comfort to your needs. Like all our FCO Lantern series, the PUCL3 offers the choice between no glass, clear glass or frosted glass to help you reach the perfect balance between performance and visual comfort.



Taft FCO

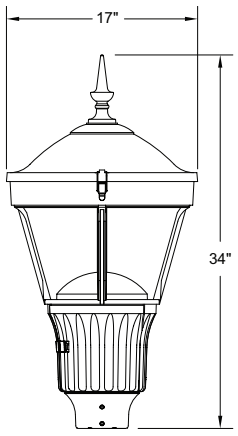
PUCL3

- 2,100 to 16,900 lumens
- Up to 149 LPW
- Type II, III, IV and V optics
- 2700K to 4000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Frosted glass visual comfort optic

The Taft FCO series is available with your choice of ball or spike finial, no finial, 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.

No Finial | Ball Finial | Spike Finial | External Smart Photocell

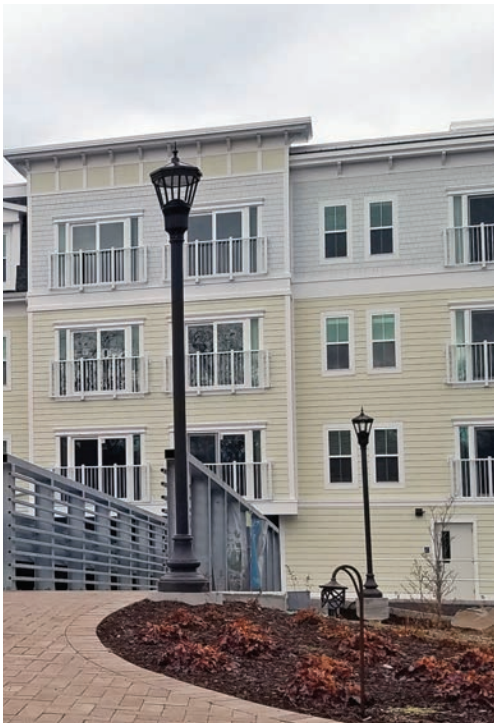
PUCL3



OPTICAL CONFICURATIONS

Full Cutoff Lanterns: Arlington® FCO

Engineered for DarkSky applications, the Arlington FCO Post-top LED lantern meets IESNA zero-uplight standards in up to 175W HID applications. It has multiple optical configurations, distributions and lumen packages to suit your specific needs and balance performance with visual comfort. The Arlington presents a popular octagonal form factor commonly desired for architectural sites and streetscapes. Designed to make installation quick and easy, the AUCL3 also gives lighting designers a high level of design flexibility.



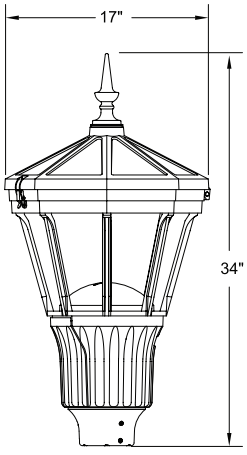
Arlington FCO

AUCL3

- 1,900 to 15,700 lumens
- Up to 138 LPW
- Type II, III, IV and V optics
- 2700K to 4000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Frosted glass visual comfort optic

The Arlington FCO series is available with your choice of ball or spike finial, no finial, 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.

AUCL3



OPTICAL CONFICURATIONS

Full Cutoff Lanterns: Washington FCO

With a slightly larger form factor than the Arlington or Taft series, the Washington FCO Post-top LED scales up nicely with greater mounting heights requiring up to 175W HID replacement. It is a zero-uplight product that minimizes light pollution and preserves the night sky. The WFCL3 is also a utility-friendly, feature-rich solution that provides lighting designers with a high level of design flexibility with a diverse set of distributions, color temperatures and even a house-side shield option.

Washington FCO

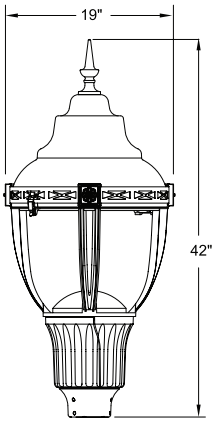
WFCL3

- 1,900 to 15,600 lumens
- Up to 136 LPW
- Type II, III, IV and V optics
- 2700K to 4000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Frosted glass visual comfort optic

The Washington FCO series is available with your choice of ball or spike finial, no finial, 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.

No Finial | Ball Finial | Spike Finial | External Smart Photocell

WFCL3



OPTICAL CONFICURATIONS

Gas Lamps: Dorchester®

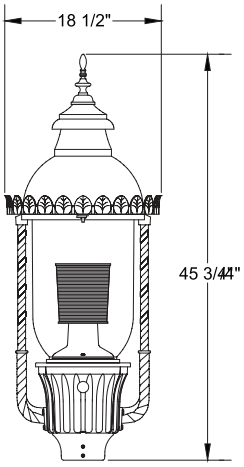
The Dorchester LED post-top luminaire turns back time to capture the essence of the Victorian style gas light while incorporating the most efficient LED technology available today for up to 175W replacement. The optional translucent acrylic dome allows light to define the classic Victorian shape while emitting a soft upward glow to gently illuminate foliage and building facades. Furthermore, some controlled uplight eliminates the "cave effect" created by solid topped luminaires.

Dorchester

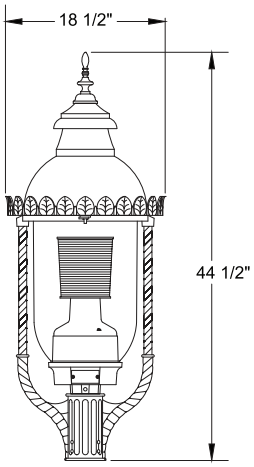
DCLD3

- 1,500 to 8,000 lumens
- Up to 122 LPW
- Type III, IV and V optics
- 2700K to 4000K CCT
- 20kV/10kA surge protection
- Advanced DTL controls
- Utility-friendly toolless design
- Uplight & downlight configurations

DCLD3 (Utility)



DCLD3 (Victorian)



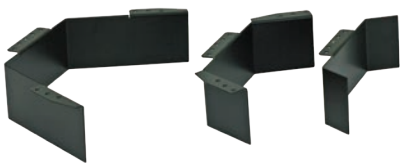
Downlight gas light LED engine design with hurricane chimney glass

+ Type III, IV & V distributions
+ Utility housing only
+ Anti-glare ring & visual comfort lens option

Stalk gas light LED engine design with dome uplight option and prismatic glass refractor

+ Type III & V distributions

Variety of house-side, light- trespass and anti-glare shields available



Period Pendant: Tear Drop Large

Durable, energy-efficient and beautiful, the Holophane Tear Drop LED family of outdoor lighting products combine the latest in lighting and controls technology with the elegance of period-style outdoor lighting. From the sparkling beauty of our prismatic glass luminaires to visually comfortable nighttime appearance, Holophane offers a complete portfolio of form factors and lumen packages to address all your roadway and area lighting applications.

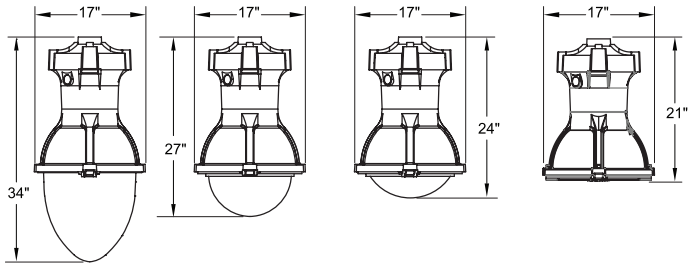
Tear Drop Large

ESL3 & MPL3

- 3,800 to 34,000 lumens
- Up to 159 LPW
- Type II, III, IV and V optics
- 2700K to 5000K CCT
- 20kV/10kA surge protection
- Advanced DTL controls
- Utility-friendly toolless design
- Certified OEM retrofit kit available

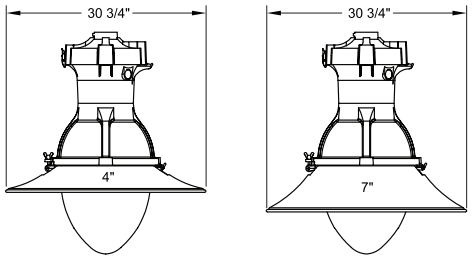
4 Optics Configurations Plus Uplight Option

Standard



DarkSky configurations available – refer to spec sheets for details

Skirt Option



Shallow Shirt

Deep Shirt

Period Pendant: Tear Drop Pedestrian

With classic, elegant appearance and pedestrian scale, the Tear Drop Pedestrian is the perfect companion to the larger roadway scale Tear Drop. At ¾ scale of the Large Tear Drop, you can illuminate at lower mounting heights for pedestrian applications such a pathways, walkways and other gathering areas. Combining the two together provides a great solution for applications where you need to illuminate both a street and sidewalk from the same pole.

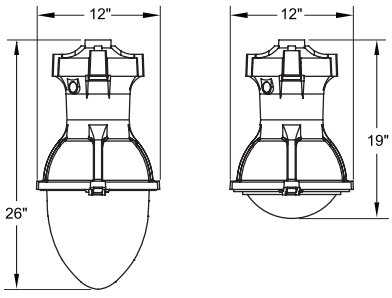
Tear Drop Pedestrian

ESPL2 & MSPL2

- 3,100 to 13,200 lumens
- Up to 143 LPW
- Symmetric & Asymmetric Distributions
- 3000K to 5000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Certified OEM retrofit kit available

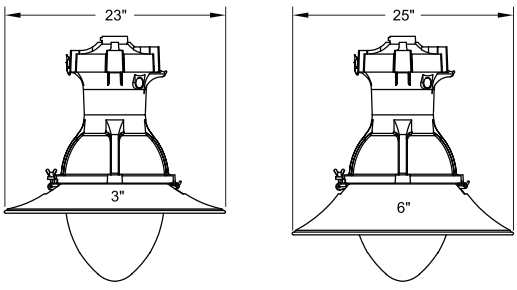
2 Optics Configuration

Standard



DarkSky configurations available – refer to spec sheets for details

Skirt Option



Shallow Shirt

Deep Shirt

Transitional Pendant: GlasWerks® Prismatic

Replacing up to 250W HID products, the GlasWerks LED family of outdoor pendants combines traditional, transitional, or contemporary styling with borosilicate glass optics to offer a lighting solution that presents both sparkling beauty by day and visually comfortable illumination by night. It is available in your choice of seven attractive form factors with up to five different glass refractor shapes. A pendant by design, the family is also available with an arm mounting configuration for additional application flexibility.

GlasWerks Prismatic

GBLB3, GELB3, GMLB3, GNLB3, GPLB3
GSLB3, GYLB3

- 2,400 to 12,800 lumens
- Up to 154 LPW
- Type II, III, IV and V optics
- 2700K to 4000K CCT
- 20kV/10kA surge protection
- Advanced DTL and nLight controls
- Utility-friendly toolless design
- Pendent and arm mount options

Five Glass Optics to Choose From

Teardrop

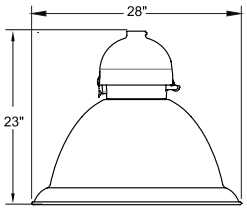
Bowl

Sag

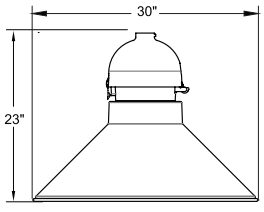
Large Cylinder

Small Cylinder

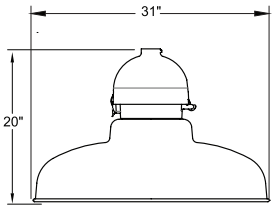
GBLB3



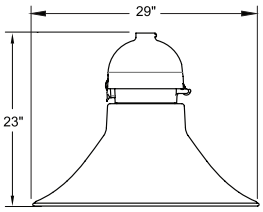
GELB3



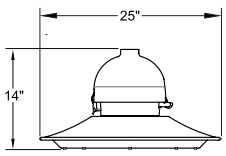
GNLB3



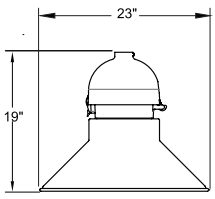
GPLB3



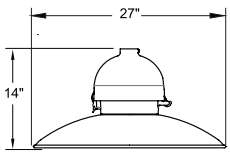
GMLB3



GSLB3



GYLB3



Transitional Pendant: GlasWerks® Luminescent

The GlasWerks LED Luminescent is available in your choice of eight attractive form factors and multiple high performance lumen packages to replace up to 250W HID products. A pendant by design, the family is also available with an arm-mounting configuration for additional application flexibility. The Luminescent series utilizes advanced Edge-Lit technology to provide a visually comfortable optic with no harsh pixelation of light. Furthermore, the design provides zero uplight distribution for DarkSky applications.

GlasWerks Luminescent

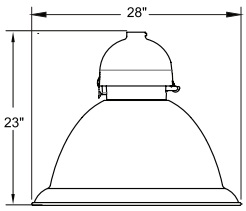
GBLF3, GELF3, GMLF3, GNLF3,GPLF3, GRLF3, GSLF3, GYLF3

- 3,700 to 20,000 lumens
- Up to 143 LPW
- Symmetric, Asymmetric and Pathway distributions
- Visual comfort, zero uplight
- 2700K to 5000K CCT
- 20kV/10kA surge protection
- Advanced DTL controls
- Pendant and arm mount options

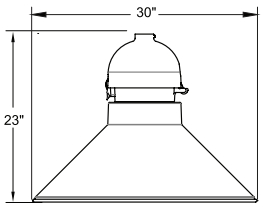
Advanced Edge-Lit Technology

+ No pixelation – superior uniform illumination
+ Recessed light source with transition zone to reduce visibility brightness contrast
+ State-of-the-art optical technology
+ Uniform surface brightness
+ All while maintaining the ideal dayform

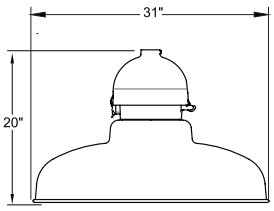
GBLF3



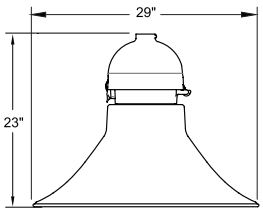
GELF3



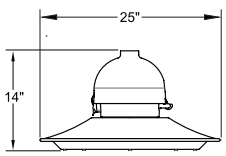
GNLF3



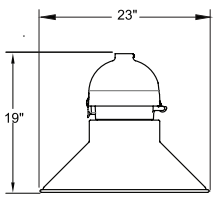
GPLF3



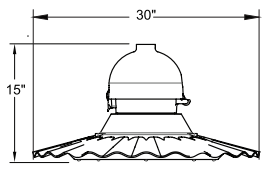
GMLF3



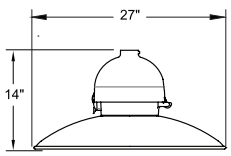
GSLF3



GRLF3



GYLF3



Broad portfolio of period decorative bollards

For decades Holophane decorative bollards have been providing an attractive pedestrian area solution to complement our full line of decorative posts by transitioning flawlessly from the street to pedestrian walkway.

Our choice of 15 bollard models offers robust cast aluminum construction, combined with a durable polyester powder coat finish. Our portfolio of LED bollards further enhances your space by providing an energy-saving yet visually comfortable set of lighting solutions.

Energy-saving LED bollards

Holophane offers an option for an LED light source in six of our bollard models. The long life of our LED light engines is combined with robust construction to provide you an expected service life of 20 years or more. Holophane LED bollards also offer a variety of features to provide more utility-friendly solutions. These features include a simple access utility door and options like a three-stage terminal block or even field-adjustable lumen output.

Decorative LED bollards

CLBOLED, HLBOLED, PLBOLED, CHBOLED, NYBOLED, WDBOLED

- 490 to 3,070 lumens
- Six form factors
- Dedicated optics option
- 2700K to 4000K CCT
- 20kV/10kA surge protection
- Utility-friendly design

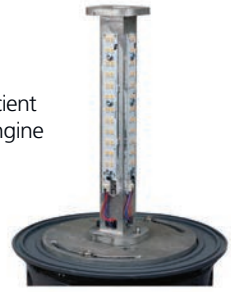
OPTICAL LED BOLLARDS

Hamilton: (HLBOLED) 47.3" (H) / 10.0" (W) / 58 lbs.

Columbia: (CLBOLED) 45.3" (H) / 13.0" (W) / 56 lbs.

Plymouth: (PLBOLED) 38.0" (H) / 8.8" (W) / 30 lbs.

Energy-efficient LED light engine



PRISMATIC GLASS

SPECULAR LOUVER

OPAQUE WHITE

Each of our optical configurations include an outer acrylic lens enclosure over the internal optical design

SLOTTED LED BOLLARDS

North Yorkshire: (NYBOLED) 43.5" (H) / 17.0" (W) / 51 lbs.

Charleston: (CHBOLED) 42.1" (H) / 11.5" (W) / 44 lbs.

Wadsworth: (WDBOLED) 40.5" (H) / 14.0" (W) / 43 lbs.

Decorative poles, arms & accessories

Holophane offers the most comprehensive portfolio of poles, arms and pole accessories on the market today.

With styles ranging from period to contemporary, this portfolio allows you to complete your lighting package with a one-stop-shop experience. It also lets you design a cohesive layered approach to your site with a broad range of heights from tall roadway assemblies to pedestrian applications and even bollards for walkways.

With the assistance of your Holophane representative, you can rest assured that your complete assemblies are configurable, compatible and are meeting your architectural vision. Also, choosing fixtures, poles and arms from Holophane ensures that a broad selection of durable paint colors will match throughout your entire assembly.

Built to endure any environment

Poles, arms, bollards and accessories from Holophane are constructed from high grade materials and protected with highly durable finishes to provide you long life and reliability.

We use low copper metals and salt-fog resistant powder coat finishes that work together to resist rust, corrosion and structural degradation. So, you can rest assured that your assemblies are built to endure any environment you challenge them with.


Open
For
Business
We
Dig
Downtown
ONE WAY
DO NOT
ENTER


CHANNEL


sitelink
by HOLOPHANE

SiteLink® by Holophane

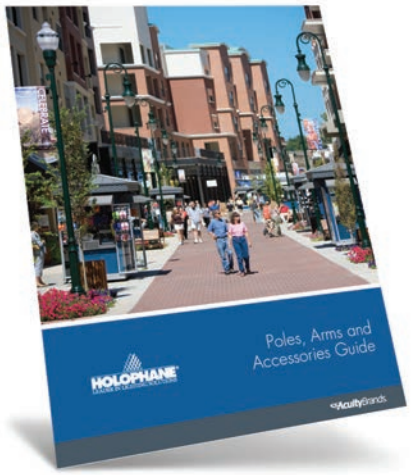
SiteLink is a portfolio of aluminum poles designed around a modular TracPole system that facilitates increased flexibility in application design. The system allows you to add or change position of arms, banners and other pole accessories at any time without the commitment of welded pole provisions or unsightly mounting straps.

Arms and brackets

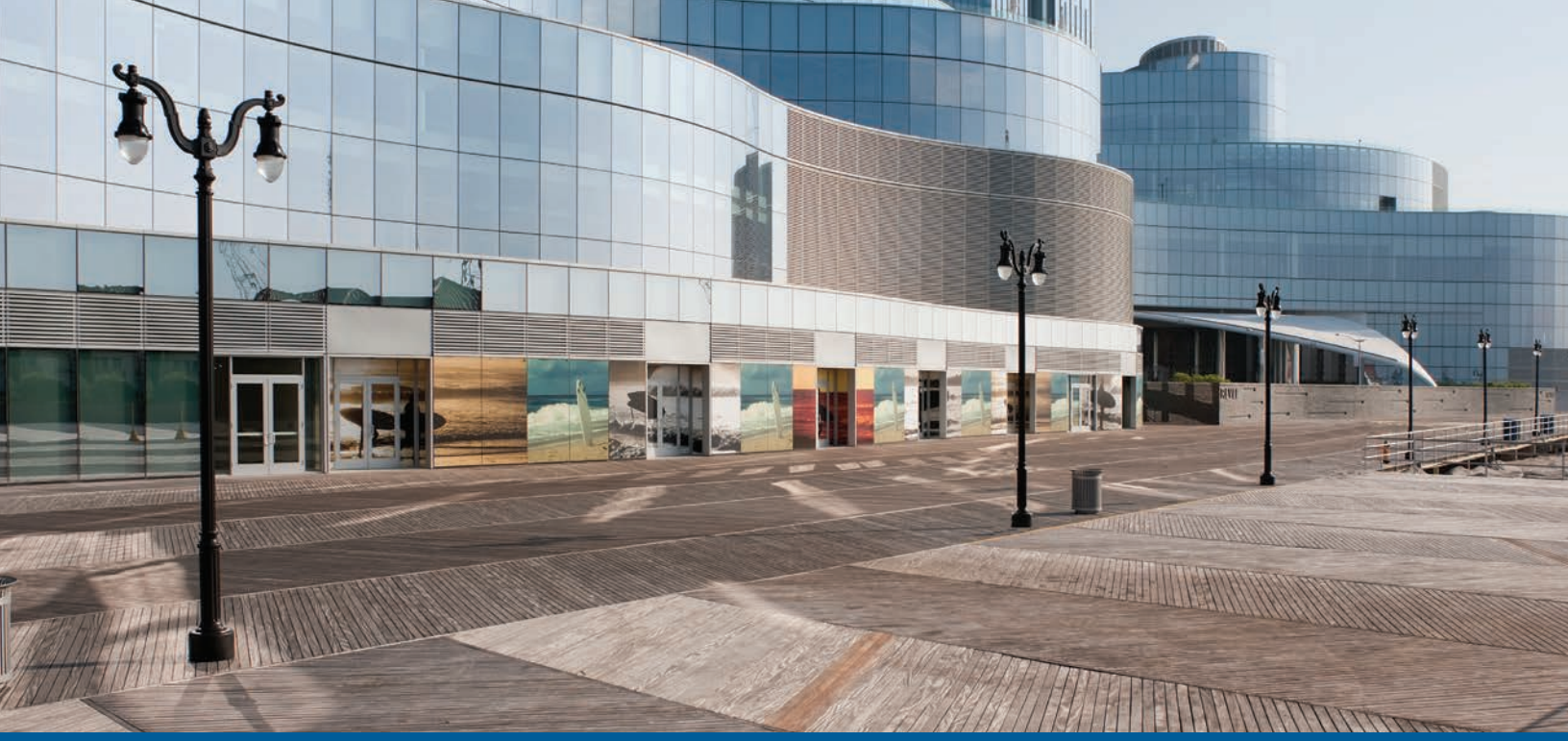
Holophane offers a large assortment of arms and brackets for your poles to complete the package for total roadway and area solutions. From post-top crossarms to horizontal mount and pendant mounting, arms can be selected in a variety of non-decorative, historical, transitional or contemporary styles.

Custom design and specials

Whether it's a special paint color, unique accessory or even a specially branded monogram on your product, Holophane has decades of experience in providing a host of custom designs and specials. Simply reach out to your Holophane Representative to share your ideas and we'll try to come up with an affordable solution to bring your vision to life.



To learn more about our complete decorative outdoor portfolio, download our Poles, Arms and Accessories guide today!



Decorative Roadway and Area Lighting

With a vast portfolio of decorative aluminum poles and luminaires, Holophane is positioned to get you what you need fast. With our Rapid Ship program, select poles and fixtures can ship in as few as 20 days! Visit us at holophane.com/rapidship to see the latest list of qualifying products.

HOLOPHANE®
LEADER IN LIGHTING SOLUTIONS

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 www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Visit our web site at www.holophane.com

AcuityBrands.