



FULL CUTOFF

UTILITY SERIES




HOLOPHANE[®]
LEADER IN LIGHTING SOLUTIONS

experience
lighting's
best



FULL CUTOFF | UTILITY SERIES

THE VINTAGE STYLING OF THIS SERIES OF LUMINAIRES HAS ADORNED URBAN STREETS AND PARKS SINCE THE EARLY 20TH CENTURY.

NOW WITH A NEW “NIGHTTIME FRIENDLY” OPTICAL DESIGN, THE PRODUCT HAS BEEN ENHANCED TO MEET THE IESNA DEFINITION FOR FULL CUTOFF CLASSIFICATION AND REDUCED IMPACT ON URBAN SKY GLOW.

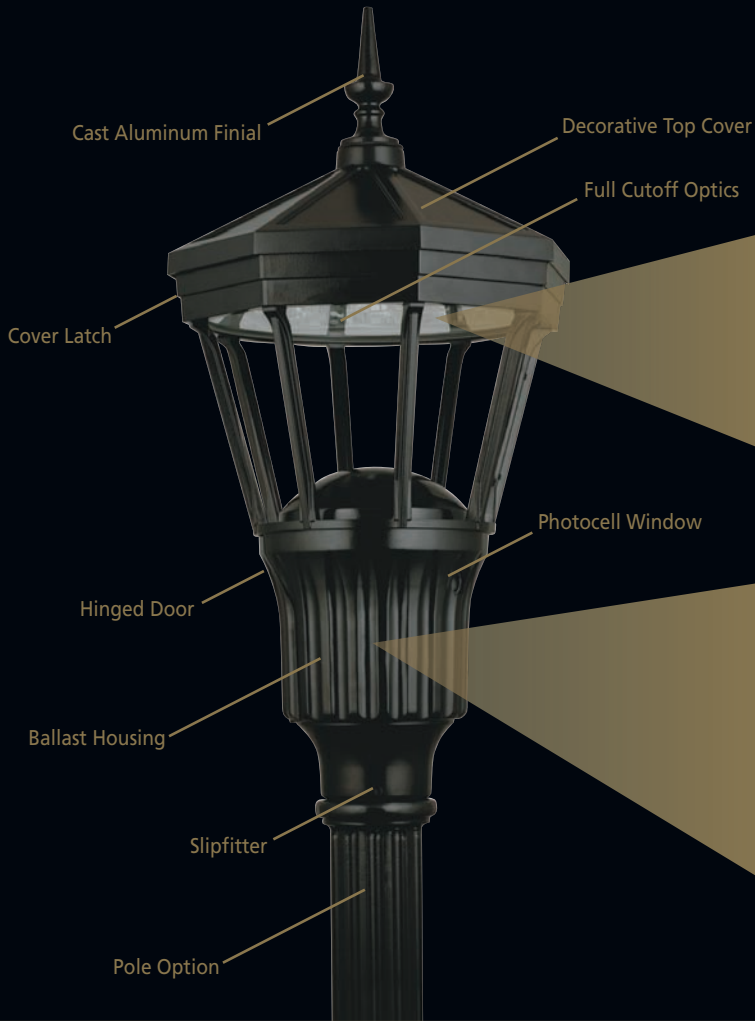


FEATURES AND BENEFITS

- Traditional Daytime Form
- Nighttime Friendly Meets IESNA Classification for Full Cutoff Optics
- Performance Optics for Both Asymmetric and Symmetric Distributions
- Tool-less Maintenance and Relamping
- Robust Die-cast Construction
- UL/CUL Listed
- IP Rated Optics

TYPICAL APPLICATIONS

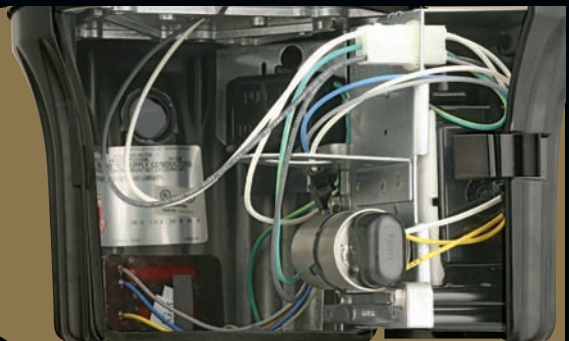
- City Streets
- Parks
- Residential Areas
- Campuses
- Walkways
- Parking Lots



NEW OPTICAL DESIGN



TOOL-LESS MAINTENANCE



Cast Aluminum Finial is designed to define luminaire shape. Available in ball or spike finial



Decorative Top Cover defines luminaire shape and houses the internal segmented aluminum reflector



Cover Latch and Hinge for easy access to lamp



Die-cast Ballast Housing holds and protects electrical components



Photocell Window is hidden to maintain architectural form



Slipfitter mounts to 3"D x 3"H pole tenon, and is secured in place through the use of six hex socket screws



A Variety of Pole Materials and Styles are available to complement luminaire and site architecture

NEW OPTICAL DESIGN

Optical Segmented Reflectors for superior uniformity and control.



Tool-free Top Hinge makes re-lamping easy

Multiple HID Lamp Options up to 175 watt pulse MH and 150 watt HPS with mogul base

IP Rated Optical Chamber is totally sealed and stays clean

Highly Reflective, Segmented Optical Design for uniformity and full cutoff control

One Piece Silicon Gasket with high temperature and long life properties



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

TOOL-LESS MAINTENANCE



Hinged Door Ballast Housing provides for tool-less access and easy maintenance. Product shipped with a pre-wired internal terminal block for easy installation.



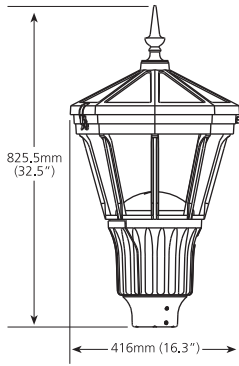
Ease of maintenance is a feature that distinguishes a premium product from an inferior substitution. The Utility Series has a unique housing design for easy installation and maintenance.

Re-lamping access is simple and is accomplished by un-latching the top canopy of the luminaire without the use of tools.

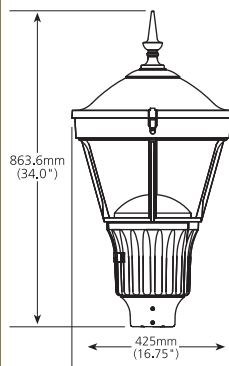
The electrical module is located in the die-cast aluminum housing, and swings out with the access door when the unit is opened for service. The electrical module is completely "tool-less" and features quick-disconnect plugs on all wiring.

ORDERING INFORMATION

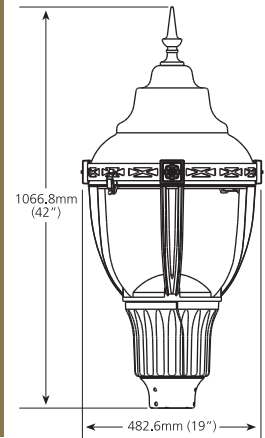
DIMENSIONAL DETAILS



ARU | UTILITY ARLINGTON
Maximum Weight: 21.3 kg (47 lbs)
Maximum E.P.A.: 1.38 sq. ft.



PTU | UTILITY POSTOP
Maximum Weight: 17.69 kg (39 lbs)
Maximum E.P.A.: 1.24 sq. ft.



WFC | UTILITY WASHINGTON POSTLITE
Maximum Weight: 22.67 kg (50 lbs)
Maximum E.P.A.: 1.72 sq. ft.

PERFORMANCE SPECIFICATIONS

General

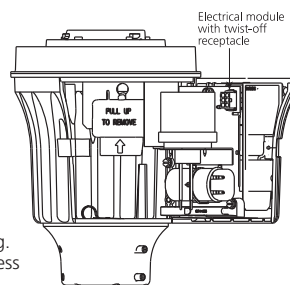
The luminaire is designed for ease of maintenance with the plug-in electrical module common to each of the luminaires in Holophane's Utility Series. A precision optical system maximizes post spacings while maintaining uniform illumination.

Optical System

The optical system consists of a precisely engineered segmented aluminum reflector located in the top cover. A gasket between the cover and ring along with a flat glass plate and gasket beneath the reflector create a sealed optical compartment that meets an IP rating. Optics designed to provide an IESNA Asymmetric or Symmetric full cutoff distribution are available.

Housing

The luminaire housing, cast of aluminum, anchors the optical system and provides an enclosure for the plug in electrical module. The electrical enclosure conforms to an IP55 rating. For use with units with an E.E.I.-N.E.M.A. twist-off photocell receptacle, the housing contains a glass "window" to allow light to reach the cell. The nickel plated lamp grip socket and the three station incoming line terminal block are pre-wired to a five conductor receptacle for ease in connecting the electrical module. A slipfitter will accept a 3" high by 2 7/8" to 3 1/8" O.D. pole tenon.



Housing Door

Cast of aluminum, the housing door is hinged and latched to the housing. The door forms the mount for the electrical module, and allows easy access during maintenance.

Electrical Module

The ballast components are mounted on a steel plate that is removable without the use of tools. A matching five conductor plug connects to the receptacle in the luminaire housing to complete the wiring. Where a starting aid is required, it is provided with a separate plug-in connector and can be replaced without the use of tools. For photoelectric operation, the electrical module is provided with an E.E.I.-N.E.M.A. twist-off photocell receptacle.

Top Cover

The decorative top cover, cast of aluminum, is attached to the top ring of the luminaire housing by two stainless steel hinge pins. The cover is latched by an overcenter, positive action, stainless steel latch which allows tool-less entry to the lamp chamber for re-lamping.

Ballast

(Refer to the Ballast Handbook for specific operating characteristics) 50 watt 120 volt High Pressure Sodium (HPS) ballasts are High Power Factor Reactor type. All other HPS ballasts are High Power Factor Autotransformer type. 70 and 100 watt MH units are available only with High Power Factor High Reactance type ballasts.

Finish

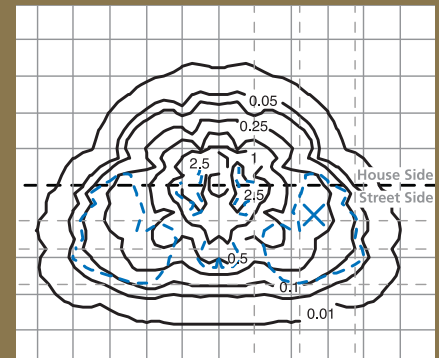
The luminaire is finished with polyester powder paint applied after a seven stage pretreatment process to ensure maximum durability.

UL Listing

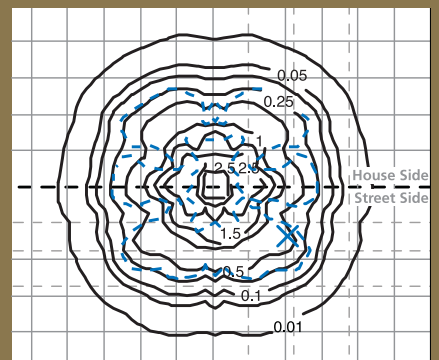
The luminaire is UL listed as suitable for wet locations at a maximum of 40°C ambient temperature.

DISTRIBUTIONS

100W HPS Asymmetric Optics



150W HPS Symmetric Optics



PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

PTU 1 LUMINAIRE ARU PTU WFC	100HP 2 WATTAGE 100HP 10DHP 15AHP 175PM	MA 3 VOLTAGE MA MD	B 4 COLOR B N Z	C3 5 OPTICS C3 C5	S 6 FINIAL S	H 7 OPTIONS H P	LAMP 8 ACCESSORIES LAMP
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CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE FULL CUTOFF UTILITY SERIES ARU Arlington PTU Postop WFC Washington PostLite®
STEP 2: SOURCE AND WATTAGE HIGH PRESSURE SODIUM Mogul Base 050HP ¹ 50W HPS 070HP 70W HPS 100HP 100W HPS 15AHP 150W/55V HPS Medium Base 50DHP ¹ 50W HPS 70DHP 70W HPS 10DHP 100W HPS 15DHP 150W/55V HPS METAL HALIDE Medium Base 70DMH ^{2,3} 70W MH 10DMH ^{2,3} 100W MH 15DMH ^{2,3} 150W MH 17DMH ^{2,3} 175W MH PULSE START METAL HALIDE 175PM ⁴ 175W MH, mogul COMPACT FLUORESCENT 42CFL ⁵ 42W CFL 57CFL ⁵ 57W CFL 70CFL ⁵ 70W CFL
<small>1 Not available with 347V 2 Not available with 480V 3 Not available for shipment in US after Dec. 31, 2008, due to EISA legislation 4 (E) Meets US Federal EISA legislation 5 Only available with 120-277 volt</small>

STEP 3: VOLTAGE 08' 208V 12 120V 20 208V 24 240V 27 277V 34 347V 40' 240V 48 480V Multi-tap, prewired (factory installed) MA 120 volt only MB 208 volt only MC 240 volt only MD 277 volt only <small>1 Isolated secondary. Not available with "70DMH", "10DMH", or "15DMH"</small>
STEP 4: COLOR B Black Z Bronze N Green W White A As specified
STEP 5: OPTICS Asymmetric C3 Full cutoff, flat glass Symmetric C5 Full cutoff, flat glass
STEP 6: FINIAL B Ball finial S Spike finial

STEP 7: OPTIONS Factory Installed. H NEMA twist-off photocontrol receptacle. Photocell not included P ^{1,4} Protected starter for HPS units only DTL Twist-off photocontrols PCTWSTL120 ² 120 volt PCTWSTL12202427 ² 120-270 volt PCTWSTL480 ² 480 volt PCTWSTSHRTCAP ³ Shorting cap Pre-wired leads LEADS3FT10GA 3 foot lead LEADS10FT10GA 10 foot lead LEADS20FT10GA 20 foot lead LEADS25FT10GA 25 foot lead LEADS30FT10GA 30 foot lead <small>1 Available on HPS units only. Must be used with option "H" or "P" 2 Not available with shorting cap. Must be used with "H" option 3 Shorting cap not available with photocontrol. Must be used with "H" option 4 Not available with "08" or "40" voltage</small>
STEP 8: ACCESSORIES Ships Separately. LAMP Appropriate lamp shipped IG-5 ¹ Plug-in replacement starter for HPS units IG-6 ¹ Plug-in replacement protected starter for HPS units IG-7 ¹ Plug-in replacement starter for 70DMH, 10DMH, 15DMH units <small>1 Not available with "08" or "40" voltage</small>



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LEADER IN LIGHTING SOLUTIONS

An **AcuityBrands** Company

Acuity Brands Lighting, Inc.

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Holophane Europe Limited, Bond Ave.,
Milton Keynes MK1 1JG, England

Holophane, S.A. de C.V., Apartado Postal No. 986,
Naucalpan de Juarez, 53000 Edo. de Mexico

Contact your local Holophane factory sales representative for application assistance, and computer-aided design and cost studies. For information on other Holophane products and systems, call the Inside Sales Service Department at 866-759-1577. In Canada call 905-707-5830 or fax 905-707-5695.

Limited Warranty and Limitation of Liability
Refer to the Holophane limited material warranty and limitation of liability on this product, which are published in the "Terms and Conditions" section of the current Buyers Guide, and is available from your local Holophane sales representative.

Visit our web site at www.holophane.com

Luminaires may utilize fluorescent or high intensity discharge sources that contain small amounts of mercury. New disposal labeling for these lamps includes the mercury identifier shown on the left to indicate that the lamp contains mercury and should be disposed of in accordance with local requirements.



Information sources regarding lamp recycling and disposal are included on the packaging of most mercury-containing lamps and also can be located at www.lamprecycle.org.

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



Mixed Sources

Product group from well-managed forests, controlled sources and recycled wood or fiber

www.fsc.org Cert no. SGS-COC-005600
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Buying products with the FSC label supports the growth of responsible forest management worldwide. The eco savings in the production of this brochure:

- 1 trees preserved for the future*
- 3 lbs waterborne waste not created*
- 433 gallons wastewater flow saved*
- 48 lbs solid waste not generated*
- 94 lbs net greenhouse gases prevented*
- 722,330 BTUs energy not consumed*