



LANEVUE® LED

ROADWAY LIGHTING


HOLOPHANE®
LEADER IN LIGHTING SOLUTIONS

experience
lighting's
best



LANEVUE® LED

QUALITY PERFORMANCE WITH QUICK PAYBACK. THE LANEVUE LED USES BREAKTHROUGH LEDs AND PRECISION-ENGINEERED OPTICS TO PROVIDE EXCEPTIONAL ILLUMINATION WHILE ALSO SAVING ENERGY. PLUS, IT WORKS SEAMLESSLY WITH THE ACUITY BRANDS ROAM® SYSTEM TO MAXIMIZE ENERGY AND MAINTENANCE SAVINGS THROUGH ENHANCED MONITORING AND CONTROL FUNCTIONS

To meet these 21st century needs, it is imperative that the LED system is properly engineered for thermal and performance considerations. Holophane has exhausted many hours of research and development to ensure reliability through innovative integration of this exciting technology.





FEATURES AND BENEFITS

- ❑ Replaces up to 200W HPS street lights
- ❑ Latest LED technology and optimized lenses result in up to 40-60% energy savings over HPS
- ❑ Acuity surge protection device (SPD) provides ANSI/IEEE C62.41 Class C protection
- ❑ Die-cast trigger latch on door and tool-less PEC receptacle make installation easy.
- ❑ Standard correlated color temperature (CCT) is 4000K; 3000K; and 5000K available

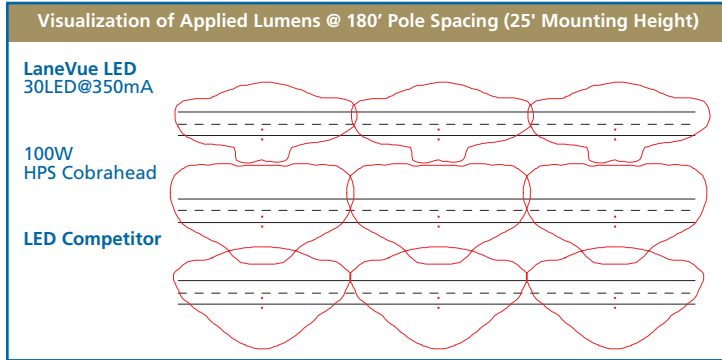
TYPICAL APPLICATIONS

- ❑ Municipal Streets and Public Roadways
- ❑ Residential Areas
- ❑ Campuses
- ❑ Military Bases
- ❑ Industrial Parks
- ❑ Hotels and Resorts
- ❑ Municipal Parks
- ❑ Recreation Centers

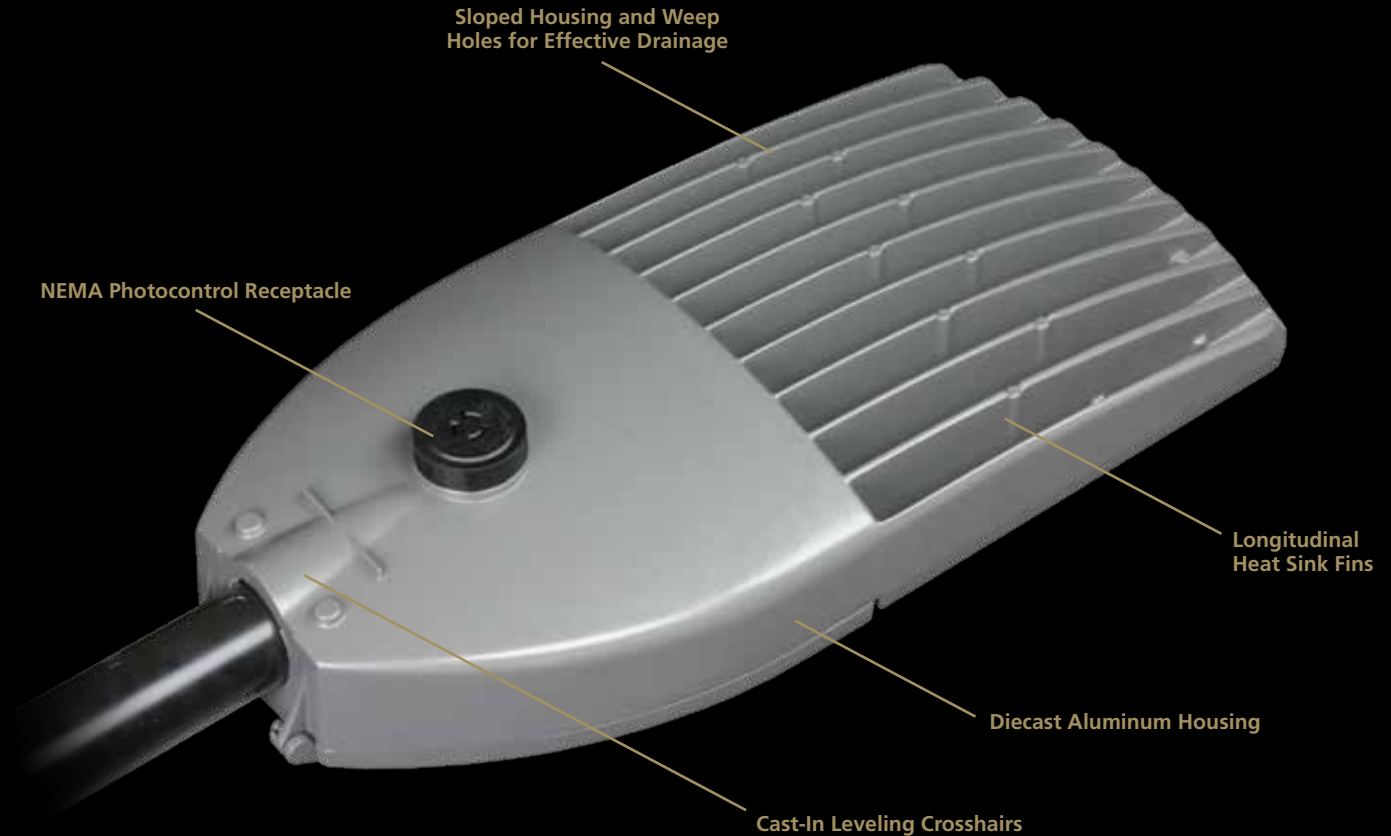


OPTICAL PERFORMANCE

Providing quality performance with quick payback, LaneVue, the next generation LED cobrahead from Holophane, will drive you to significant energy savings, lower maintenance costs, and peace of mind. The LaneVue is designed to upgrade existing HID cobraheads with progressive styling and advanced solid-state lighting performance, enhancing the landscape and improving nighttime safety. Holophane provides you the assurance and confidence of a dependable solution from the industry leader. With 60 years of roadway experience, we “know the road” and our expertise manifests itself in the LaneVue’s optical design, tool-less features, and component reliability. Move forward with LaneVue.



Luminaire Performance	100W HPS Cobrahead	LaneVue LED 30LED@350mA	LED Competitor
Pole Spacing	180	180	180
Average Footcandles	.6	.4	.4
Avg/Min	7	4	4
Power (Watts)	115	37	71
Energy Savings	Baseline	68%	38%



MECHANICAL DESIGN

Breakthrough LEDs and precision-engineered optics provide exceptional illumination while also saving energy (40-60% over HID; 20-30% over LED competitors). Lineman-friendly features make it easy to install, and its long, reliable operating life cuts lighting grid maintenance in half. Plus, it works seamlessly with the ROAM system for enhanced monitoring and control functions.



Four Bolt Mounting provides 3G vibration rating



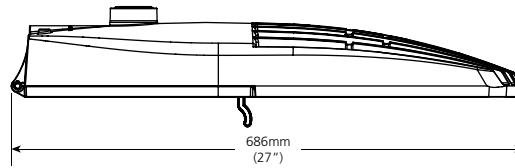
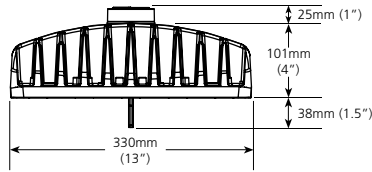
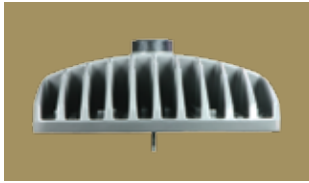
Terminal Block can be wired using only a flat blade screwdriver

Internal Bubble Level facilitates installation



ORDERING INFORMATION

DIMENSIONAL DETAILS



LaneVue LED

Maximum weight: 26lbs (11.79kg)

Maximum E.P.A.: 0.9 sq ft

PERFORMANCE SPECIFICATIONS

Optical

Performance is comparable to 70-200W HPS roadway luminaires (as determined by RP-8 recommended illuminance, in average footcandles, for applications common to those wattages)

Average correlated color temperature (CCT) is 4000K; optional 3000K (CRI 84) and 5000K (CRI 66) available

Unique IP66 rated LED light engines provided 0% uplight and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing. Available in Type II, Type III or Type IV roadway distributions. DesignLights™ Consortium approved

Electrical

Long Life: LED light engines are rated >100,000 hours at 40°C, L70. Electronic driver has a rated life of 100,000 hours at a 25°C ambient
 Lower Energy: Saves an average of 40-60% over comparable HPS platforms (actual savings will depend on the HPS product's wattage and ballast type)
 Surge protection device (standard) meets at least IEEE/ANSI C62.41-2002 Category C_{LOW} criteria for MVOLT operation and C_{HIGH} for 120V operation

Mechanical

Easy to Maintain: Includes lineman-friendly features (such as tool-less entry, tool-less NEMA photocontrol receptacle, terminal block and quick disconnects). Bubble level located inside the electrical compartment for easy leveling at installation. The electrical platform and durable housing materials provide superior longevity and reduce the need for maintenance

Rugged diecast aluminum housing is polyester powder-coated for durability and corrosion resistance. Rigorous five-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 8 (per ASTM D1654) after over 1000 hours' exposure to salt fog chamber (operated per ASTM B117)

Four-bolt mast arm mount provides easy, secure installation and is adjustable for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter. Wildlife shield is cast into the housing (not a separate piece)

Diecast trigger latch on door frame allows for tool-less entry and enables easy and secure opening with one hand

Controls

NEMA photocontrol receptacle is standard; tool-less "lift and turn" receptacle makes photocontrol orientation easy

Dimming version (available with DE option) uses proprietary Acuity Brands components to enable continuous 0-10V dimming down to 10% output via the ROAM® smart controls system (sold separately)

Photocontrol for solid-state lighting (available with PCSS option) meets ANSI C136.10 criteria; control has a special filter for LED light to prevent false turn-offs, and is fused for Fail-Off mode to prevent dayburners

Warranty & Standards

Rated for -40°C to 50°C ambient
 CSA Certified to U.S. and Canadian standards
 Complies with ANSI: C136.2, C136.10, C136.14, C136.31, C136.15, C136.37
 Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

LVU1	30LEDE53	MVOLT	R2	4K	GR	BF
1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	OPTICS	COLOR TEMP.	COLOR	OPTIONS
LVU1	30LEDE35 30LEDE53 30LEDE70 60LEDE53 60LEDE70	MVOLT	R2 R3 R4	4K	GR	BF PCSS

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



<p>STEP 1: LUMINAIRE</p> <p>LVU1 LaneVue</p>	<p>STEP 6: COLOR</p> <p>BK Black BZ Bronze DOB Dark Bronze GI Graphite GR Gray UP Unpainted WH White</p>
<p>STEP 2: WATTAGE</p> <p>30LEDE35 30 Chips, 350mA Driver 30LEDE53 30 Chips, 525mA Driver 30LEDE70 30 Chips, 700mA Driver 60LEDE35 60 Chips, 350mA Driver 60LEDE53 60 Chips, 525mA Driver 60LEDE70 60 Chips, 700mA Driver</p>	<p>STEP 7: OPTIONS</p> <p>BF Fitted to withstand 3G vibration BL External bubble level DE 0-10V dimming control by ROAM system (sold separately) NR¹ No photocontrol receptacle PCSS² Solid state lighting photocontrol (120-277V) SH³ Shorting Cap T2 Line to line (wired L1 to L2)</p> <p>¹ Not available with PCSS or SH ² Not available with SH ³ Not available with PCSS</p>
<p>STEP 3: VOLTAGE</p> <p>120 120V 347¹ 347V 480¹ 480V MVOLT 120V, 208V, 240V, 277V</p> <p>¹ Not available with 30LEDE35 or 30LEDE53</p>	<p>STEP 4: OPTICS</p> <p>R2 Roadway Type II R3 Roadway Type III R4 Roadway Type IV</p>
<p>STEP 5: COLOR TEMPERATURE</p> <p>3K 3000K 4K 4000K 5K 5000K</p>	



HOLOPHANE[®]
LEADER IN LIGHTING SOLUTIONS

An **AcuityBrands** Company

Acuity Brands Lighting, Inc.

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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 905-886-8967 or fax 905-886-7973.

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

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

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