

Project		Catalog #		Type	
Prepared by		Notes		Date	



INVUE

LXW LuxeScape Wall Sconce

Wall Mount Luminaire

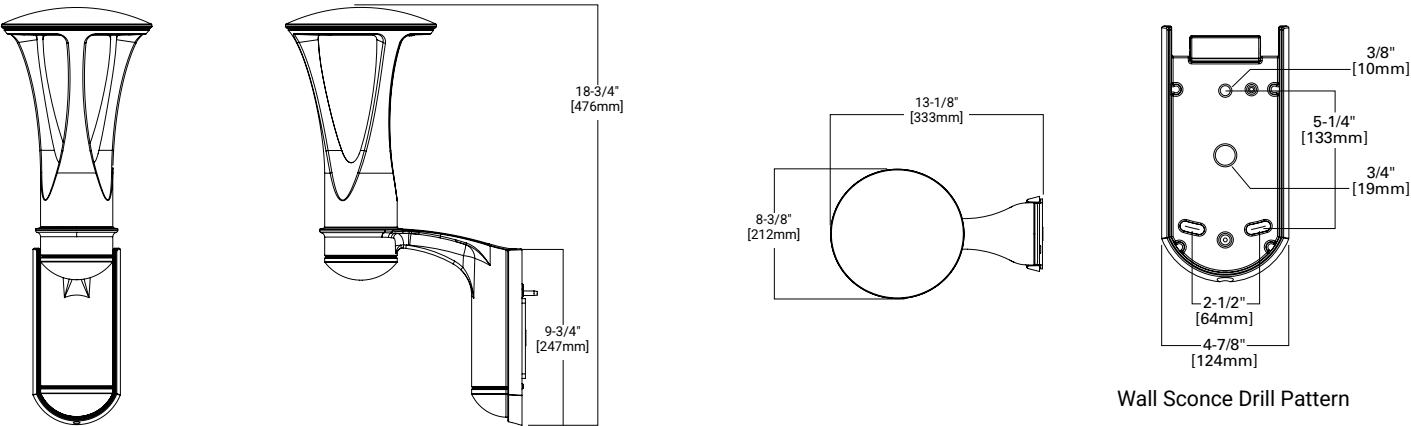
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Product Certifications

- Quick Facts
- Part of the [LuxeScape](#) Collection
 - Mounts over a 4 inch junction box
 - WaveStream™ LED creates a visually comfortable asymmetric distribution
 - Standard with 0-10V dimming and 10kV surge protection
 - IP66 rated for outdoor and indoor use

Dimensional and Mounting Details



Ordering Information

SAMPLE NUMBER: LXW-C3-740-U-A-DP

Product Family	Light Level	CRI / CCT	Voltage	Distribution	Finish	Options (Add as Suffix)
LXW = LuxeScape Wall Sconce BAA-LXW = LuxeScape Wall Sconce, Buy American Act Compliant ¹ BABAF-LXW = LuxeScape Wall Sconce, Build America Buy America Compliant ¹	C1 = Light Level 1 C2 = Light Level 2 C3 = Light Level 3	740 = 70CRI / 4000K 827 = 80CRI / 2700K ² 830 = 80CRI / 3000K ² 835 = 80CRI / 3500K 840 = 80CRI / 4000K AMB = Amber 590nm ^{2,3}	U = 120-277V	A = Asymmetric	AP =Grey BZ =Bronze BK =Black DP =Dark Platinum GM =Graphite Metallic WH =White RAL =Custom Color ⁴	DIM = Dimming Leads Brought Out from Fixture 20MSP = Parallel 20kV MOV Surge Protective Device
NOTES: 1. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. BABAF designates the product will meet the standards set for FHWA and FTA. As noted these projects must receive Government Funding by October 1, 2026. Please refer to the DOMESTIC PREFERENCES website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements. 2. Dark sky friendly options include 3000K CCT and warmer. 3. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose Light Level C1. When combined with (A)asymmetric distribution, minimum operating temp is -30°C. See IES files for photometric performance 4. RAL and custom color matching available. Consult your lighting representative at Cooper Lighting Solutions for more information.						

Product Specifications

Construction

- Robust cast aluminum construction for superior strength and thermal performance with an IP66 rating.
- External hardware and casting seams are minimized to enhance dayform appearance.
- IK10 impact rated housing.

Optics

- WaveStream™ LED optical system employs waveguide technology to reduce glare and create distributions ideal for pedestrian applications.
- CCT options range from 2700K to 4000K and include turtle-safe 590nm narrow band amber.

Electrical

- LED driver is compatible with 120-277V input and mounts via a power tray for easy installation and maintenance.
- 0-10V dimming compatibility is standard with optional extended dimming leads.
- 10kV surge protection is standard, 20kV optional.

Mounting

- Standard cast aluminum securemount plate that mounts to the wall directly over a 4" J-Box.
- Fixture hinges onto mounting plate and is secured with single stainless steel fastener.
- Mounting plate features a one piece EPDM gasket to firmly seal fixture to wall surface.

Finish

- Premium TGIC based polyester powder coatings are specifically formulated to withstand years of outdoor service.
- Finishes are compliant with ASTM B117 3000 hour salt spray standard.
- RAL and custom colors are available. Additional charges and lead times apply.

Shipping Data

- Net Weight: 16.1 lbs. (7.28 kgs)

Compliance

- cULus listed for environments with ambient temperatures of -40°C to 40°C unless otherwise noted.
- IP66 rated against dust and water ingress.
- 1.5G vibration rated
- Dark sky friendly options include 3000K CCT and warmer
- BAA domestic preference option meets BAA requirements. See [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information.
- Products that meet BABA through BAA Exemption: FHWA and FTA agencies are utilizing their BAA rules for BABA compliance. Cooper's products with a BAA designation are manufactured in the US and utilize a BAA COTS exemption rule for compliance. To verify a configured product with specific accessories and options meet BABA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams.

Warranty

- Five year limited warranty, consult website for details. www.cooperlighting.com/legal

Optical Performance

Power and Lumens

Light Level / Distribution		C1 Asymmetric	C2 Asymmetric	C3 Asymmetric	C1 AMB Asymmetric
Nominal Power, 120-277V (Watts)		13	21	25	10
Input Current (mA) @ 120V		95	164	197	74
Input Current (mA) @ 208V		63	101	120	46
Input Current (mA) @ 240V		56	88	104	44
Input Current (mA) @ 277V		53	80	94	42
Optical Performance (GM finish)					
740: 70 CRI / 4000K	Lumens	628	1072	1291	-
	BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	-
827: 80 CRI / 2700K	Lumens	499	851	1025	-
	BUG Rating	B0-U0-G0	B0-U0-G1	B1-U0-G1	-
830: 80 CRI / 3000K	Lumens	518	883	1064	-
	BUG Rating	B0-U0-G0	B0-U0-G1	B1-U0-G1	-
835: 80 CRI / 3500K	Lumens	536	914	1102	-
	BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	-
840: 80 CRI / 4000K	Lumens	573	978	1178	-
	BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	-
AMB: 590nm Amber	Lumens	-	-	-	98
	BUG Rating	-	-	-	B0-U0-G0

Lumen Maintenance

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours*	Theoretical L70 Hours**	Theoretical L90 Hours**
25°C	97.9%	96.9%	96.4%	94.8%	823,000	225,000
40°C	97.1%	95.3%	94.6%	91.8%	461,000	126,000

* Supported by IES TM-21 standards

** Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, explaining proper use of IES TM-21 and LM80

Ambient Temp. Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.98