

Project		Catalog #		Type	
Prepared by		Notes		Date	



Invue

ABW Arbor Wall Sconce

Wall Mount Luminaire

Product Features



Interactive Menu

- Order Information [page 2](#)
- Product Specifications [page 2](#)
- Optical Distributions [page 3](#)

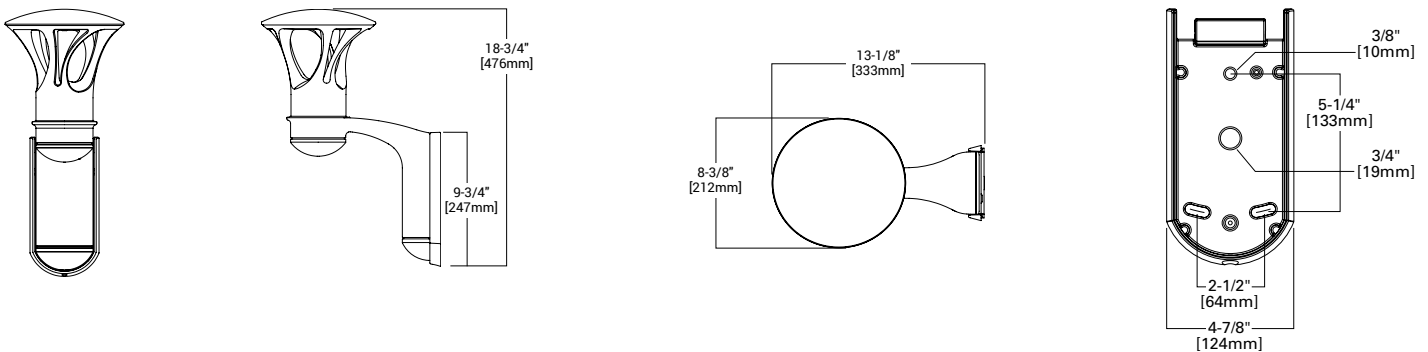
Product Certifications



Quick Facts

- Complimentary to Arbor Post Top
- Mounts directly to a 4 inch junction box
- WaveStream™ LED creates a visually comfortable asymmetric distribution
- Standard features are 4000K at 70CRI output and 0-10V dimming
- IP66 rated for outdoor and indoor use

Dimensional and Mounting Details



Wall Sconce Drill Pattern

Ordering Information

SAMPLE NUMBER: **ABW-B2-LED-D1-A-GM**

Product Family	Lumens ¹	CRI / CCT	Source	Voltage	Distribution	Color
ABW =Arbor Wall Mount BAA-ABW =Arbor Wall Mount Buy American Act Compliant ⁷ BABAF-ABW =Build America Buy America Act ⁹	B1 =Mid Lumen Output B2 =High Lumen Output	[BLANK] =70 CRI / 4000K CCT 727 =70 CRI / 2700K CCT 830 =80 CRI / 3000K CCT ⁴	LED	D1 =Dimming Driver (120-277V) ²	A =Asymmetric	AP =Grey BZ =Bronze BK =Black DP =Dark Platinum GM =Graphite Metallic WH =White CC =Custom Color ³
Options (Add as Suffix)			Accessories (Order Separately) ⁸			
HA =50° High Ambient ⁵ MS/DIM-LB =Motion Sensor for Dimming or Bi-Level Operation ⁶ DIM =0-10V Dimming Driver Leads Brought Out from Fixture			ISHH =Wireless Configuration Tool for Integrated Sensor (Occupancy Sensor Settings) ⁵			
NOTES: 1. Standard 4000K CCT nominal 70 CRI. 2. Dimming driver standard. 3. RAL and custom color matching available. Consult your lighting representative at Cooper Lighting Solutions for more information. 4. Extended lead times apply. Use dedicated IES files when performing layouts. 5. HA option limited to B1 lumen package. 6. The ISHH configuration tool is required to adjust parameters including high and low dimming levels, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information. Contact your customer service representative at Cooper Lighting Solutions for advance shipping. 7. Only product configurations with this designated prefix 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. 8. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. 9. 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. BABA designates the product will meet the standards set for FHWA. As noted these projects must receive Government Funding by October 1, 2025. 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.						

Product Specifications

Construction

- External hardware and casting seams are minimized to enhance appearance.
- Durable cast aluminum construction is corrosion and vandal resistant.

Optics

- WaveStream™ LED optical system employs waveguide technology to reduce glare and create distributions ideal for pedestrian applications
- Standard offering is 4000K CCT with 70CRI and other CCT and CRI options are available.

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.

Controls

- An integrated dimming and occupancy sensor is a standalone control option available in bi-level dimming (MSP/DIM) operation.
- An optional handheld remote allows custom programming to suit all needs.

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 on back side of plate to firmly seal fixture to wall surface, forbidding entry of moisture and particulates.

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: 11.7 lbs. (5.3 kgs.).

Compliance

- cULus listed for environments with ambient temperatures of -40°C to 40°C, with options for 50°C ambient rating.
- IP66 rated.
- The Arbor Wall Sconce options are designed to be simple and cost effective ASHRAE and California Title 24 compliant solutions.
- Options to meet Buy American Act requirements.
- Domestic preference option available to meet BAA requirements
- 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.
- 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.

Warranty

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

Optical Distributions

Power and Lumens

Lumen/Distribution	B1 Asymmetric	B2 Asymmetric
Power Wattage (Watts)	11W	23W
Input Current		
Input Current (mA) @ 120V	100	200
Input Current (mA) @ 208V	60	120
Input Current (mA) @ 240V	50	100
Input Current (mA) @ 277V	40	90
Optical Performance		
Lumens	499	882
Bug rating	B0-U1-G1	B0-U2-G2

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Calculated L70 (HOURS)
25°C	>94%	>350,000
40°C	>93%	>250,000
50°C	>90%	>170,000

Note: Maintenance data applies to the highest drive current and represents the worst case at the highest wattage.

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
50°C	0.97

Color Temperature

Color Temperature (CCT)	CRI (Nominal)	Multiplier (Hours)
4000	70	1.00
3000	80	0.87