

WSA Series Wall Sconce Square

Job Name:

Type:

Voltage:

Description

The ActiveLED® WSA Wall Sconce consumes 50-85 percent less energy than conventional HID lighting. With its patented design and superior LED elements, the ActiveLED WS Light is a reliable light source with a 90,000-hour lumen life (90% Luminous Flux), making it a maintenance free solution for applications where changing lamps and ballasts can be hazardous and expensive. The ActiveLED WS Series Light may easily be installed as new or retrofit lighting in office, apartments and retail structures to offer directional control and minimize light pollution outside the targeted light footprint for improved visibility and efficiency.

Specifications

Input Voltage: Fixed Voltage 110-120 AC, 50/60 Hz; (other voltage available)

Input Power: 14 input watts, 12 LED watts

Power Factor: > 0.95 (at ~100-277 Volts)

THD: Total Harmonic Distortion (THD) <20% (typical 9.9%)

Power Supply: Integral power supply with aluminum housing and integral heat sink

Operating Temperature: -40° C to 60° C (-40° F to 140° F)

Lumen Lifetime: L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)

LED Optics: IP66 rated, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system

CCT: 2700K, 3000K, 3500K, 4000K, or 5000K

Housing: Electroplated galvanized steel for enclosure, .250 thick sheet aluminum for heat syncing parts, stainless steel hardware

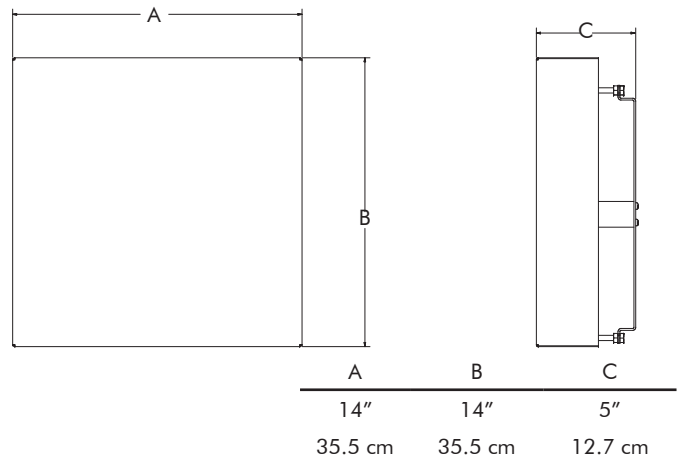
Finish: Powder coated after fabrication

Dimensions: 14" (h) x 14" (w) x 5" (d) (35.5 x 35.5 x 12.7cm)

Weight: 4.5 pounds (2 kg)



Dimensions



Warranty

Ten (10) Year Warranty - LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation. When using a Ringdale ActiveLED surge protection device, ordered and installed separately, the power supply warranty can be extended from five (5) years to ten (10) years.

Listings and Tests

cUL listed, CE, suitable for damp locations. RoHS compliant. IP66 Rated optical assembly. LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A Made in USA - ARRA Compliant



Ordering Information

WSA		3612				
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Style	Voltage	Light Pattern/Wattage	Diffuser	CCT	Color	Options
WSA - Wall Sconce Square Indoor/Outdoor	1 - 110/120 VAC Single Voltage 60 Hz	3612 - 360 Light Pattern, 12 Watts LED	N - None	50 - 5000K	SL - Silver	P - Pigtail, 6' AC Indoor Whip Q - Pigtail, 10' Indoor/Outdoor Whip
	2 - 277 VAC Single Voltage 60 Hz			40 - 4000K	BR - Brown	
	3 - 100 VAC Single Voltage 60 Hz			35 - 3500K	CG - Charcoal	
	4 - 208 VAC Single Voltage 60 Hz			30 - 3000K	WH - White	
	5 - 240 VAC Single Voltage 50 Hz			27 - 2700K	BK - Black	
	6 - 300-480 VAC 50/60 Hz Digitally & BBU enabled				BZ - Bronze	
					X - Custom	
					RAL # for X	

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Performance Data

Projected Lumen Maintenance (TM-21)

Fixture / Ambient Temperature	0 Hours	15000 Hours	30000 Hours	45000 Hours	60000 Hours	90000 Hours
WSA9-3612-50B2 @25C	1.00	1.00	0.99	0.99	0.99	0.99
WSA9-3612-50B2 @40C	1.00	0.99	0.99	0.98	0.97	0.96
WSA9-3612-50B2 @55C	1.00	0.98	0.97	0.96	0.94	0.92
WSA9-3612-50B2 @60C	1.00	0.98	0.96	0.95	0.93	0.90

Note: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

Photometrics

Control Options

Control Options vary by Power Supply selection.
Consult factory for custom control solutions.

Accessories/Mounting Options

Notes