

WSO Series Wall Sconce Outdoor

Job Name:

Type:

Voltage:

Description

The ActiveLED® Wall Sconce WSO 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: Auto-sensing, 100-277 Volts AC, 50/60 Hz

Input Power: 6, 14, 20 or 26 input watts, 4, 12, 18 or 24 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, integrated intelligent controls 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

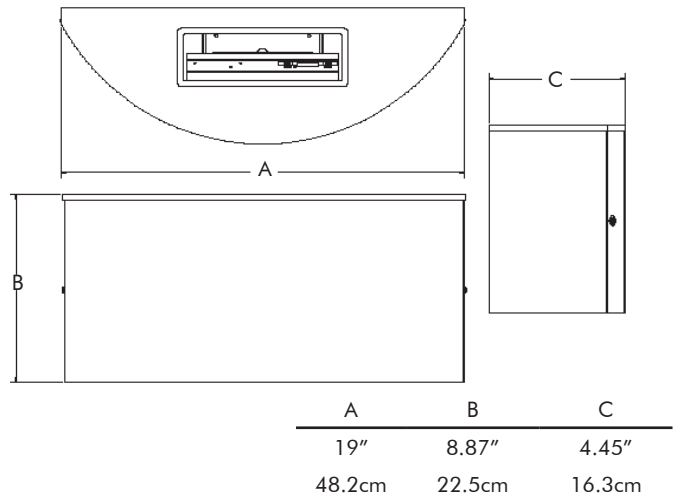
Finish: Powder coated after fabrication

Dimensions: 8.87"(H) x 19"(W) x 4.45"(D) (22.5 x 48.2 x 16.3cm)

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



Style	Voltage	Direction	Diffuser	CCT	Watts	Color	Options
WSO - Wall Sconce Outdoor	U - 100-277 VAC, 50/60 Hz Digitally & BBU Enabled 1 - 110/120 VAC Single Voltage 60Hz 2 - 277 VAC Single Voltage 60Hz 3 - 100 VAC Single Voltage 60Hz 4 - 208 VAC Single Voltage 60Hz 5 - 240 VAC Single Voltage 50Hz N - None (requires remote power supply consult factory) E - 45/48 VDC Power Supply (no AC support)	UA - All Up DA - All Down UD - Up/Down Split U1D2 - 1 LED up, 2 down U2D1 - 2 LEDs up, 1 down	A - Polychromatic B - Translucent Acrylic F - Clear Low FE J - Open/Clear N - No Diffuser O - Optional Top or Bottom Diffuser	50 - 5000K 40 - 4000K 35 - 3500K 30 - 3000K 27 - 2700K	6 - 6W LED 6 W Max 12 - 12W LED 14 W Max (1390 lumens) 18 - 18W LED 20 W Max 24 - 24W LED 26 W Max Lumens at 5000K	SL - Silver BR - Brown CG - Charcoal WH - White BK - Black BZ - Bronze X - Custom RAL # for X	D - Dusk/Dawn Sensor P - Pigtail, 6' AC Indoor Whip Q - Pigtail, 10' AC Indoor/Outdoor Whip

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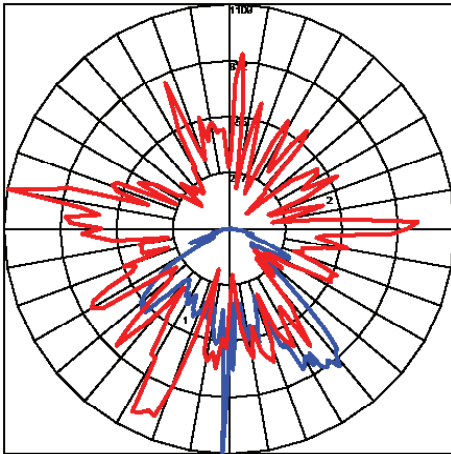
Performance Data

Projected Lumen Maintenance (TM-21)

Fixture / Ambient Temperature	0 Hours	15000 Hours	30000 Hours	45000 Hours	60000 Hours	90000 Hours
WSOU-UD-N5012WH @25C	1.00	1.00	0.99	0.99	0.99	0.99
WSOU-UD-N5012WH @40C	1.00	0.99	0.99	0.98	0.97	0.96
WSOU-UD-N5012WH @55C	1.00	0.98	0.97	0.96	0.94	0.92
WSOU-UD-N5012WH @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



Maximum Candela = 1109 Located At Horizontal Angle = 170, Vertical Angle = 2
 # 1 - Vertical Plane Through Horizontal Angles (170 - 350) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)

Control Options

Dusk/Dawn Sensor - Fixture detects adequate light and turns off when not needed.

Accessories/Mounting Options



27-0008-0004



27-0008-0005

LIGHTING FACTS

Light Output (Lumens)	1050
Watts	22
Lumens per Watt (Efficacy)	48
Color Accuracy Color Rendering Index (CRI)	73
Light Color Default Color Temperature (1000)	5500 (Daylight)

All lighting products are CE and ENEC certified and meet the European and North American standards for safety and performance.

2024 11/18/24
TBA

Notes