

WSO Series Outdoor Wall Sconce

WALL MOUNT

100-277V

**LM79
LM80**

IP53



PROJECT INFORMATION

Project Name _____

Catalog No. _____

Date _____

DESCRIPTION

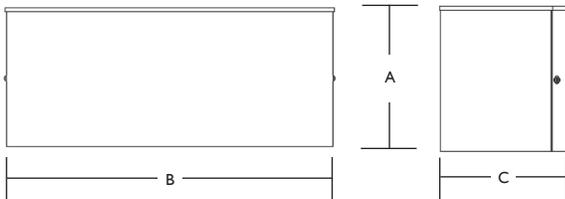
The ActiveLED® WSO Series Outdoor Wall Sconce combines visually pleasing outdoor lighting with state-of-the-art LED, electronics and mechanical design. For outdoor locations, the WSO Series Outdoor Wall Sconce is ideal for improving light levels and increasing security. Custom colors are available for special applications.

Applications include: Walkways, Building Entrances, Breezeways and Atriums.



WSO

DIMENSIONS



A	B	C
8.87"	19"	4.45"
22.5 cm	48.2 cm	11.3 cm

FEATURES

- ActiveREST™ Dimming Technology - Depending on the LED Driver used, the fixture may be automatically dimmed when full light levels are not required. EXAMPLE - Dimming level 40 equates to less than 9% of actual watts being consumed.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LightSpace® Lighting Controls - The fixture is capable of being programmed and controlled either individually or as part of a lighting zone via remote sensors, switches or building management system (BMS).
- Dusk/Dawn Sensor - Optional photocell allows fixture to automatically turn on or off based on daylight detection.
- IR Receiver Plus Motion - Optional remote passive infrared (PIR) motion sensor with IR receiver for programmable Vacant-to-OFF and Vacant-to-Dim level programming.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver. See page 2 for additional warranty information.

MOUNTING AND LIGHT PATTERN OPTIONS



Wall Mount Bracket
(Sold Separately)
27-0008-0004



Available light patterns include:
Up Only, Down Only and
Up and Down Split

LIGHT OUTPUT

1,390 Lm

WATTS

16 W

LUMENS per WATT

87 Lm/W

LIGHT COLOR (CCT)

5,000 K

NOTE: Lighting Facts shown for WSO, 16W only.

ActiveLED®
Energy Efficient Lighting and Controls



PERFORMANCE DATA

AMBIENT TEMPERATURES	0 HOURS	45,000 HOURS	90,000 HOURS
77°F (25°C)	1.00	0.99	0.99
104°F (40°C)	1.00	0.98	0.96
131°F (55°C)	1.00	0.96	0.92
140°F (60°C)	1.00	0.95	0.90

Projected Lumen Maintenance (TM-21)

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

GENERAL SPECIFICATIONS

Input Voltage	Auto Sensing, 100-277 Volts AC, 50/60Hz	LED Optics	IP53 rated, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system
Input Power	08, 14, 20 or 26 Input Watts 06, 12, 18 or 24 LED Watts	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.95 (at ~100-277 Volts)	Housing	Electroplated galvanized steel for enclosure, .090 thick sheet aluminum for heat sink, stainless steel hardware
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)	Finish	Powder coated after fabrication
Driver	Integral driver with aluminum housing, integrated intelligent controls, and integral heatsink	Dimensions	8.87" (H) x 19" (W) x 4.45" (D) (22.5 x 48.2 x 11.3cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	4.5 pounds (2 kg)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)		

WARRANTY

Ten (10) Year Warranty - LEDs, Fixture, and Driver shall conform to its published specifications under normal usage and operating conditions including "no light loss" of more than 10% at the end of the period. LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation.

LISTINGS AND TESTS

cUL listed, CE, suitable for damp locations. RoHS compliant. IP53 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.

FIXTURE ORDERING INFORMATION

Example: WSO-U-F5024U1D2BX-D

Style	Voltage	Diffuser	CCT	Watts	Pattern	Color	Options
WSO Outdoor Sconce	U - 100-277 VAC, 50/60 Hz 1 - 120 VAC, Single Voltage 60 Hz 2 - 277 VAC, Single Voltage 60 Hz 3 - 100 VAC, Single Voltage 60 Hz 4 - 208 VAC, Single Voltage 60 Hz 5 - 240 VAC, Single Voltage 50 Hz N - None ¹ E - 45/48 VDC Driver ²	A - Polychromatic B - Translucent Acrylic F - Clear Low-Fe Glass (Default) O - Optional Bottom Diffuser	50 5,000K 40 4,000K 35 3,500K 30 3,000K 27 2,700K	06 6W LED, 8W Max (540 Lumens) 12 12W LED, 14W Max (1080 Lumens) 18 18W LED, 20W Max (1620 Lumens) 24 24W LED, 26W Max (2160 Lumens) (Lumens at 5000K)	U All Up D All Down UD Up / Down Split ³ U1D2 1 LED Up / 2 Down Split U2D1 2 LED Up / 1 Down Split ⁴	SL Silver BK Black BR Brown BZ Bronze CG Charcoal WH White X Custom	C - Digital Management D - Dusk-to-Dawn P - Pigtail, 6' AC Whip, Indoor Q - Pigtail, 10' AC Whip, Indoor/Outdoor

¹ Requires remote driver. Consult factory.

² No AC Support.

³ 12 Watt Only.

⁴ 18 and 24 Watt Only.