

LED Architectural Sconces

Classic Designs. Superior Technology. For years, the four popular Lithonia Lighting wall sconce luminaires – WST, WSR, WSQ and Omero™ MRW – have been a staple in building facades across the country. Now these same classic architectural shapes are available with energy efficient LEDs, ensuring a long life with outstanding photometric performance.

Quick **FACTS**

- 50-175W MH replacement or 26-42W CFL
- Lumen packages from 2,000-4,000 lumens
- Up to 86 lumens per watt
- Types II, III, and IV distributions
- 4000K CCT (70 CRI) standard
- Category B surge protection
- Weight: 18 lbs
- CSA certified; DLC qualified



Key **FEATURES**

- Energy savings of up to 75% vs. comparable metal halide luminaires. Saves more than \$70 per luminaire, per year over 175W metal halide
- 20+ years expected service life with lumen maintenance of L77/100,000 hours
- Precision optics deliver exceptional uniformity and increased luminaire spacing
- Integral battery back-up for emergency egress lighting - **no backbox required!** Operates from -20°C to 60°C ambient
- No uplight - Nighttime Friendly™
- Optional passive infrared motion sensor with adjustable bi-level dimming



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ORDERING INFORMATION

EXAMPLE: MRW LED 2 10A700/40K SR3 MVOLT DDBTXD

MRW LED	Series	Light Engines	Performance Package	Distribution	Voltage	Mounting	Options ³	Finish (required)
MRW LED	1	One engine (10 LEDs)	700 mA options: 10A700/40K 4000K	SR2 Type II	MVOLT ¹	Shipped included	Shipped installed	DDBXD Dark bronze
WSQ LED				SR3 Type III	120 ¹	(blank) Surface mount	PE Photoelectric cell, button type ^{4,5}	DBLXD Black
WSR LED	2	Two engines		SR4 Type IV	208 ¹	Shipped separately²	SF Single fuse (120, 277, 347V) ⁴	DNAXD Natural aluminum
WST LED		(20 LEDs)			240 ¹	BBW Surface-mounted back box	DF Double fuse (208, 240, 480V) ⁴	DWHXD White
					277 ¹	UT5 Uptilt 5 degrees	DMG 0-10V dimming driver (no controls)	DSSXD Sandstone
					347		ELCW Emergency battery backup ⁶	DDBTXD Textured dark bronze
					480		WLU Wet location door for up orientation	DBLBXD Textured black
							PIR Motion sensor ⁷	DNATXD Textured natural aluminum
							Shipped separately	DWHGXD Textured white
							VG Vandal guard	DSSTXD Textured sandstone
							WG Wire guard	

Emergency Battery Operation

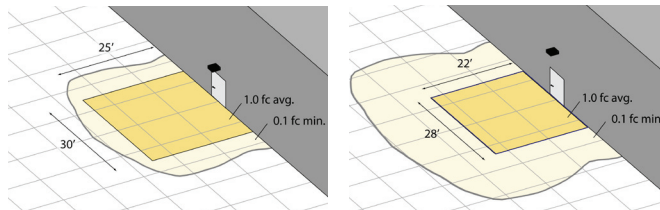
The emergency battery backup (ELCW option) is integral to the luminaire - no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product.

All ELCW configurations include an independent secondary driver with an integral relay to immediately detect A/C power loss. Dual light engines are wired in parallel so both engines operate in emergency mode and provide additional component redundancy. These design features meet various interpretations of [NFPA 70/NEC 2008 - 700.16](#)

The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per [International Building Code Section 1006](#) and [NFPA 101 Life Safety Code Section 7.9](#), provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples at right show illumination of 1 fc average and 0.1 fc minimum of the single-engine Type IV product in emergency mode.

WST LED 1 10A700/40K SR4 MVOLT ELCW
10' x 10' Gridlines
8' and 12' Mounting Height



NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with photocell (PE option) or fusing (SF, DF options).
- May also be ordered separately as an accessory. Ex: WSBBW DDBXD U. Must specify finish.
- Must be ordered with fixture; cannot be field installed.
- Not available with MVOLT option. Button photocell (PE) can be ordered with a dedicated voltage option. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Not available with 480V option.
- Integral battery pack is rated for -20° to 60°C operating temperature. **ELCW warranty** is 3 year period. Not available with 347V or 480V.
- Specifies the [SensorSwitch SFD-7-ODP](#) control (photocell included); see [Motion Sensor Guide](#) for details. Dimming driver standard. Not available with WLU, VG or WG.

