



*the*  
**LED**  
**Architectural**  
**Sconces**  
*from Lithonia Lighting*



Classic architectural appeal with the savings and longevity of LED.

***Finally, an LED wall sconce design offering integral emergency battery backup with no back-box required!***

**Presenting:**

WST LED

WSR LED

WSQ LED

MRW LED





- **Energy Savings** – Typical savings of 75% over metal halide.
- **Outstanding Performance** – High-performance optics deliver better uniformity, spacing and power density than HID. Equivalent in performance to 50 – 175W metal halide.
- **Long Life** – 20+ years expected service life
- **Exceptional Lumen Maintenance** – L77 / 100,000 hours, based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-11.
- **Integral emergency battery pack** – No back-box required!
- **DesignLights™ Consortium** – Rebate eligible

## Key Benefits of the LED Architectural Sconces



CCT	4000K
CRI	70
Lumen Maintenance	L77 / 100,000 hrs, 25° C
Ambient Range	-30C to +35C
Distributions	Type II, III, IV
Optics	Precision acrylic refractive optics
Serviceability	Replaceable/Upgradable Light Engines
Voltages (Frequency)	MVOLT (120-277), 347V, 480V (50-60 Hz)
Driver Specifications	90% efficient, <20% THD
Surge Protection	Tested to ANSI/IEEE C62.41-2002. Meets a minimum Category B for 120-277V operation.
Ingress Protection	IP66 engines and IP65 luminaire
Finish Material	Zinc-infused Super Durable TGIC powder coat
Standard Colors	Dark Bronze, Black, White, Natural Aluminum, Sandstone
Warranty	5-Year Limited Warranty

## Key Features Specifications



Distribution overlay comparison to 175W metal halide.

**LEGEND**

■ WSR LED, 0.5 fc

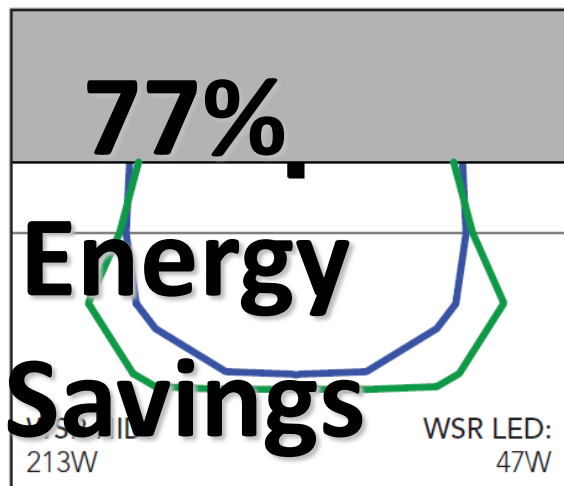
■ WSR HID, 0.5 fc

10' W Sidewalk

LLDs:

WSR HID = 0.72

WSR LED = 0.95



WSR LED 2 10A700 40K SR4,  
WSR 175M FT Probe, 12' Mounting Ht

# Performance

vs. 175W MH

**Distribution:** Type 4

**Contours:** 0.5 fc

**LED LLD:** 0.95

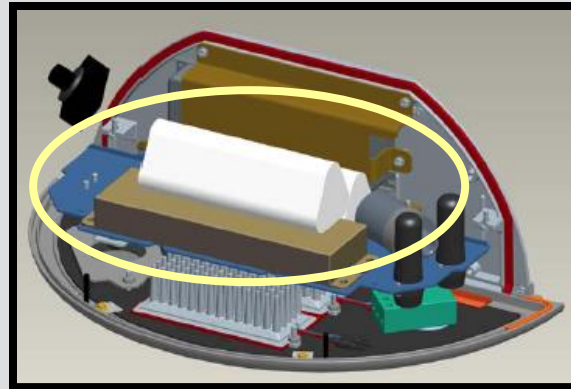
**HID LLD:** 0.72



	175W Metal Halide	Architectural Sconce	Savings:
Nominal Watts	175W	-	-
Input Watts	213W	47W	166W - 77%
Life (hours)	7,500	100,000+	13+ lamp changes!
Typical Annual Hours	4,380	4,380	-
kWh	932	206	726 kWh - 77%
Annual Energy Cost <i>per Luminaire</i> (@ \$0.10 per kWh)	\$93.20	\$20.60	<b>\$72.60</b> <i>per luminaire</i>

**Savings**  
vs. 175W MH

- **Integral Emergency Battery Backup**
- **Photocontrol**
- **Dimming**
- **Vandal Guard**
- **Wire Guard**
- **Fusing**
- **Wet Location Up**
- **Step Level Dimming (Coming Soon)**
- **Motion Sensor (Coming soon)**



**Integral Emergency Backup**

# Options

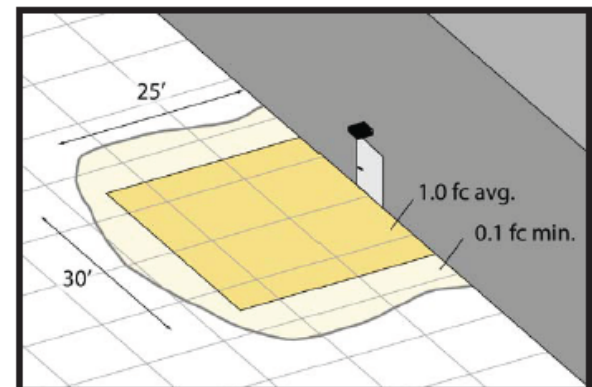
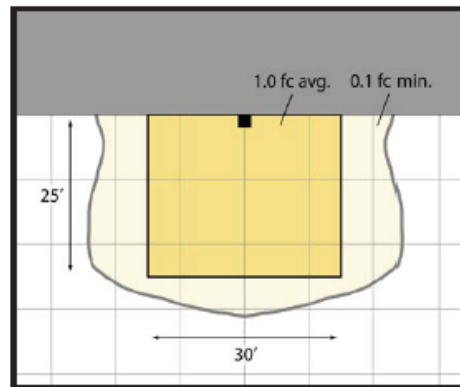
## Emergency Battery Operation

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.

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 example at right shows illuminance of 1 fc average and 0.1 fc minimum of the single-engine Type IV product in emergency mode.

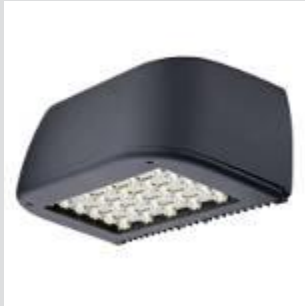
MRW LED 1 10A700/40K SR4 MVOLT ELCW  
8' Mounting Height  
10' x 10' Gridlines





Resource:	Contains:
<a href="#">WST Home Page</a> <a href="#">WSR Home Page</a> <a href="#">WSQ Home Page</a> <a href="#">MRW Home Page</a>	<ul style="list-style-type: none"> <li>▪ Product Overview</li> <li>▪ Interactive Specification Sheet (“Tab” to see links)</li> <li>▪ IES Files</li> <li>▪ Product Images</li> </ul>
<b>Outdoor Tech Support –</b> 770-922-9000	<ul style="list-style-type: none"> <li>▪ Submittal Support Documents</li> </ul>
<a href="#">Acuity Brands LED Site</a>	<ul style="list-style-type: none"> <li>▪ Outdoor LED Luminaire Warranty</li> <li>▪ More details about Acuity Brands’ full LED lighting portfolio</li> </ul>
<a href="#">Outdoor LED Intranet</a>	<ul style="list-style-type: none"> <li>▪ Sales Sheet</li> <li>▪ Sales Collateral Packet - Key Facts, Comparisons and FAQs</li> <li>▪ Sales Presentation</li> </ul>

# Support Materials



**CSXW**



**ASW1 LED**



**OLW14**



**OLW**



**OLAW**

# Portfolio

Other Wall  
Mounted LED  
Products from  
Lithonia Lighting



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# LED Architectural Sconces