



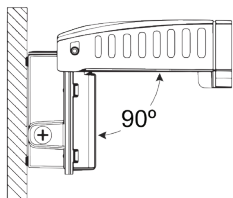
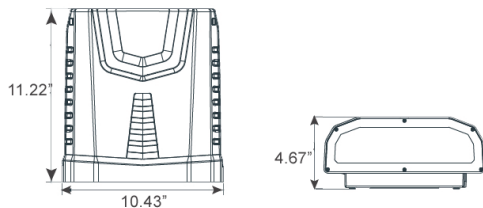
Catalog Number:	
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Prepared By:	Date:

## Description

The LWS-MFC medium full cut-off wall pack delivers the illumination performance to replace up to a 250W HID fixture one-for-one. The sleek size of the LWS-MFC makes this an energy saving solution for outdoor building facades, general security, storage areas, and entry door applications.

## Dimensions & Weights

Model	Width	Height	Depth	Weight
LWS-MFC	10.43"	11.22"	4.67"	10 lbs



Field adjustable up to 90°

## Technical Specifications

**Input Voltage:** 120-277V and 347-480V

**Housing:** Die cast aluminum housing with full cutoff and textured architectural bronze powder coat finish over a chromate conversion coating. 1/2" coin plugs with O-rings for conduit & photocell installation.

**Lens:** Tempered Clear Glass Lens with an impact-resistant Polycarbonate option for vandal resistance in high abuse lighting environments.

**Mounting:** Cast-in template for mounting directly over a 4" recessed outlet box, or use 1/2" surface conduit.

**Effective Projected Area (EPA):** 0.4 ft<sup>2</sup>

**Color Temperature:** 2200K, 2700K, 3000K, 4000K (standard), 5000K.

**LED Lifetime:** All LEDs are rated for a minimum of 100,000 hours of continuous operation at ambient outdoor temperatures from -40°F/-40°C to 115°F/46°C.

**Color Rendering Index (CRI):** Minimum of 80 or higher. CRI 90+ available upon request. CRI 90+ not available in 2200K.

**Dimming:** 0-10V standard dimming capability.

**Surge Suppression:** 6kV

**Battery Back-Up and Battery Back-Up Cold Rated (Optional):** The BBU operates the LEDs for a code-compliant 90 minutes when triggered into emergency mode. When AC power is restored, the driver automatically returns to charging mode. The BB and BBCR are UL-recognized component and meets all applicable safety standards. BBCR is cold rated to -20°C.

**Lumecon ETD™ System:** The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture to ensure long life. To protect the light engine panel from moisture and corrosion, the LED light engine panel is uniformly coated with a UV stabilized acrylic polymer resin that meets MIL and ASTM dielectric standards, UL, and IPC standards for flammability, moisture resistance and thermal shock.

**Limelight Wireless Controls:** Limelight by Lutron is a wireless lighting control solution for outdoor and industrial facilities that provides remote control and management, saves energy, and enhances facility safety. This option includes a factory-installed wireless control module and sensors that seamlessly integrate data into Lutron's existing data and management platform, Enterprise Vue.

**Certification Data:** ETL Listed to UL 1598, UL 8750 and CSA 22.2 No. 250. \*Full compliance and test documentation is available for TM-21, LM-79, LM-80, ETL Listing to UL1598 and UL 8750.

**DesignLights Consortium® (DLC) Qualified Product:** Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: [www.designlights.org](http://www.designlights.org).

**Manufacturing Origin:** US Manufactured and Assembled.

**Buy American:** Meets Buy American requirements within the ARRA.

**Warranty:** 10 Year L70 performance based warranty. For full warranty terms, please visit our website: [www.lumecon.com](http://www.lumecon.com)



### Ordering Information

LWS-MFC – Options / Ordering Example: LWS-MFC-25-DB-1-40

Wattage	Color	Voltage	Color Temperature
10 - 10 Watts	DB - Dark Bronze	1 - 120v-277v	22 - 2200K
25 - 25 Watts	CC - Custom Color	2 - 347v-480v	27 - 2700K
40 - 40 Watts			30 - 3000K
60 - 60 Watts			40 - 4000K
			50 - 5000K

### Options & Accessories

BB - Battery Back-Up 120v-277v

BBCR - Battery Back-Up Cold Rated 120-277v

PC1 - 120v-277v Button Eye Photocell

PC2 - 347v-480v Button Eye Photocell

OC1 - On/Off

OC2 - Dim/High

SP - 40kV Surge Suppression MOV

PL - Polycarbonate Lens

LLC- Limelight by Lutron Radio Module - Not available with UH voltage or PC1 option.

LLCM- Limelight by Lutron Radio Module and PIR Sensor Assembly

Medium Mounting Height (>15 to 30' mounting height) - *Not available with PC1 option.*

LLCL- Limelight by Lutron Radio Module and PIR Sensor Assembly

Low Mounting Height (8-15' mounting height) - *Not available with PC1 option.*

If OCC Sensor Option is selected, mounting height specifications need to be clarified:  Mounting height between 0' - 10'

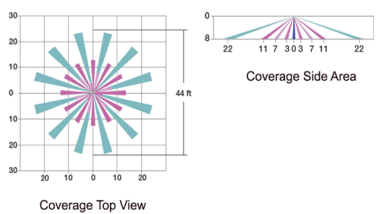
If Mounting height and parameter settings not specified when ordered. Default mounting height is 10-40' lens and preset factory settings.

Mounting height between 10' - 20'

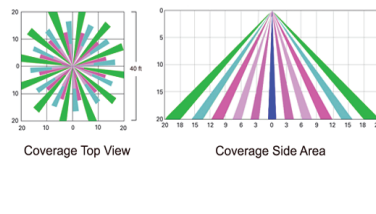
Mounting height over 20'+

### OCC Sensor Patterns

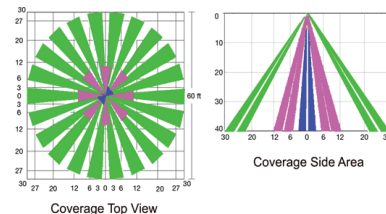
#### 0' - 10' Mounting Height



#### 10' - 40' Mounting Height



#### 40' + Mounting Height



### Occupancy Sensor Default Settings - Option OC2

Option	Dimmed State (Unoccupied)	High Level (When occupied)	Photocell Operation (OC4 Option Only*)	Dwell Time (Occupancy time delay)	Ramp-up Time (From unoccupied to occupied)	Ramp-up Time (From occupied to unoccupied)
OC2 and OC4	Approx. 20% Output	100% Output	Enabled @ 1.5 FC*	5 Minutes	Disabled	Disabled

\*Note: OC2 and OC4 settings including photocell set point, high/low dim rates, and occupancy sensor time delay are all configurable by using the Wattstopper® App. If any other settings are desired to be set at the factory, please note these changes on Purchase Order.

### Performance Data

Model	Watts	2200K		2700K		3000K		4000K		5000K	
		Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
LWS-MFC-10	10W	1,120	112	1,270	127	1,310	131	1,390	139	1,410	141
LWS-MFC-25	25W	2,564	107	2,893	121	2,956	125	3,133	132	3,193	134
LWS-MFC-40	40W	4,753.9	109.9	4,229.2	124.1	5,585.4	129.1	5,866.1	135.6	5,973.0	138.1
LWS-MFC-60	60W	6,346	104	7,168	117	7,456	122	7,831	128	7,974	130

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Note: Specifications and photometric data are subject to change at any time without notice.

Please see [www.lumecon.com](http://www.lumecon.com) for current specifications and documentation.