

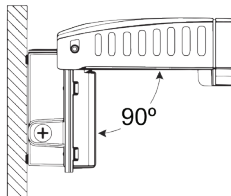
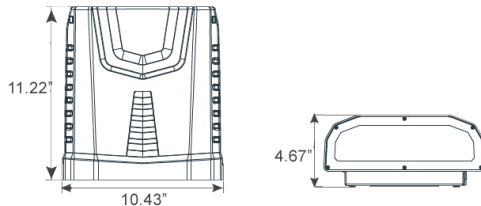


Description

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°

| | |
|-----------------|-------|
| Catalog Number: | |
| Project: | |
| Comments: | |
| Prepared By: | Date: |

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 ft²

Color Temperature: 2200K, 2700K, 3000K, 4000K, and 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.

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.

Manufacturing Origin: US Manufactured and Assembled.

Buy American Act: The product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations.

Warranty: 10 Year L70 performance based warranty. For full warranty terms, please visit our website: 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 - 120-277V | 22 - 2200K |
| 25 - 25 Watts | CC - Custom Color | 2 - 347-480V | 27 - 2700K |
| 40 - 40 Watts | | | 30 - 3000K |
| 60 - 60 Watts | | | 40 - 4000K |
| | | | 50 - 5000K |

Options & Accessories

BB - Battery Back-Up 120-277V

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

PC1 - 120-277V Button Eye Photocell

PC2 - 347-480V Button Eye Photocell

OC1 - On/Off

OC2 - Dim/High

SP - 40kV Surge Suppression MOV

PL - Polycarbonate Lens

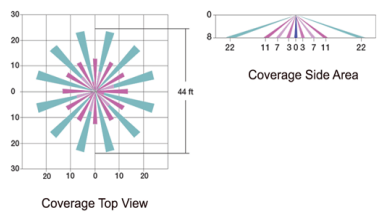
If OCC Sensor Option is selected, mounting height specifications need to be clarified: Mounting height between 0' - 10'

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'

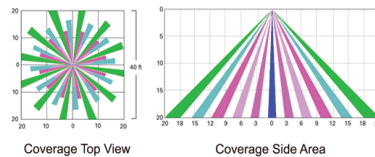
Mounting height over 20'+

OCC Sensor Patterns

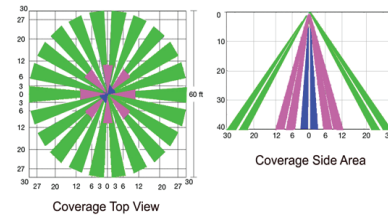
0' - 10' Mounting Height



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 | 4,754 | 110 | 4,229 | 124 | 5,585 | 129 | 5,866 | 136 | 5,973 | 138 |
| LWS-MFC-60 | 60W | 6,346 | 104 | 7,168 | 117 | 7,456 | 122 | 7,831 | 128 | 7,974 | 130 |

Email: sales@lumecon.com Website: www.lumecon.com Phone: 248-477-5009

Copyright © 2023 Lumecon LLC. All Rights Reserved.

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

Please see www.lumecon.com for current specifications and documentation.