



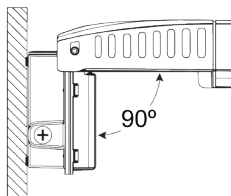
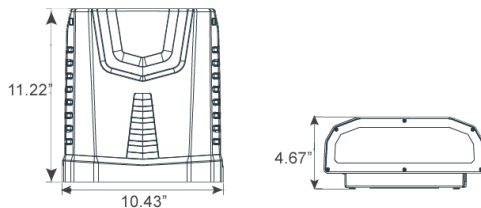
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|-----------------|-------|
| Catalog Number: |       |
| Project:        |       |
| Comments:       |       |
| Prepared By:    | Date: |

### 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" | 7.5 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.

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

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

**LED Lifetime:** All LED's are rated for a minimum of 100,000 hours of continuous operation at ambient temperatures from -40°F/-40°C to 95°F/35°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.

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

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

### Options & Accessories

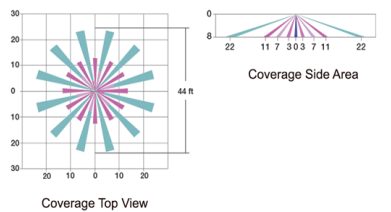
BB - Battery Back-Up 120v-277v  
 PC1 - 120v-277v Button Eye Photocell  
 PC2 - 347v-480v Button Eye Photocell  
 OC1 - On/Off  
 OC2 - Dim/High  
 SP - 40kV Surge Suppression MOV

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.*

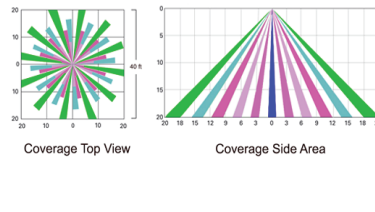
If OCC Sensor Option is selected, mounting height specifications need to be clarified:  Mounting height between 0' - 10'  
 Mounting height between 10' - 20'  
 Mounting height over 20'+  
*If Mounting height and parameter settings not specified when ordered. Default mounting height is 10-40' lens and preset factory settings.*

### OCC Sensor Patterns

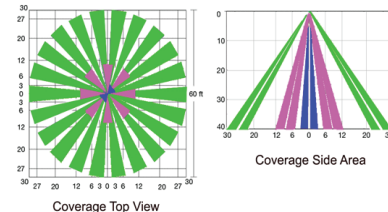
#### 0' - 10' Mounting Height



#### 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-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      |