GE Evolve™
LED L-Series Wall Pack
EWLS

current
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To learn more about GE Evolve LED L-Series Wall Pack, go to: http://products.currentbyge.com
**Typical Specifications: EWLS**

### LED & Optical
- **Lumen Packages:** 1500 & 4000
- **System Efficacy:** Up to 125 lpw
- **CCT:** 3000K, 4000K, 5000K; High brightness LEDs.
- **CRI:** 70
- **Upward Light Output Ratio (ULOR) = 0.**
- Custom engineered reflective optics for optimized photometry.
- High application efficiency and minimal glare.

### Electrical
- **Input Voltage:** 120-277 volt and 347 volt
- **Input Frequency:** 50/60Hz
- **Power Factor (PF):** >90%
- **Total Harmonic Distortion (THD):** <20%
- **Surge Protection:** Integral surge protection

### Ratings
- **Operating Temperature:** -40° to 50°C
- **Storage Temperature:** -40° to 50°C
- **Location:** Dry or Wet
- **Safety:** UL/cUL Listed, UL 1598 listed, suitable for wet locations.
- **Environmental:** Compliant with the materials restrictions of RoHS.
- **LM-79 testing in accordance with IESNA Standards.**
- **Optical enclosure IP66 per ANSI C136.25-2009.**

### Lumen Maintenance
- Projected L90>100,000 hours per IES TM-21 for 15AF optical codes.
- Projected L91>80,000 hours per IES TM-21 for 40AF optical codes.
- Projected Lxx per IES TM-21 at 25°C for reference:

<table>
<thead>
<tr>
<th>Optical Codes</th>
<th>Lxx [10K @ Hours]**</th>
<th>25,000 hr</th>
<th>50,000 hr</th>
<th>100,000 hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>15AF</td>
<td>L96</td>
<td>L95</td>
<td>L91</td>
<td></td>
</tr>
<tr>
<td>40AF</td>
<td>L95</td>
<td>L92</td>
<td>L85</td>
<td></td>
</tr>
</tbody>
</table>

*Note:* Projected Lxx based on LM80 (10,000 hour testing). DOE Lighting Facts Verification Testing Tolerances apply to initial luminous flux and lumen maintenance measurements.

### Construction & Finish
- **Housing:**
  - Die-cast aluminum. Integrated heat sink for maximum heat transfer.
  - Patented aesthetic design to complement your building façade.
- **Lens:** Impact resistant tempered glass lens.
- **Paint:** Corrosion resistant polyester powder painted, minimum 2.0 mil. thickness.
  - Standard Colors: Dark Bronze, Black, White, Gray
  - RAL & custom colors available.
- **Weight:** 8.5lbs (4 kg)

### Warranty
- **System Warranty:** 5 Year Standard, 10 Year Optional.

### Controls
- **Dimming:** Wired Analog 0-10V Dimming.¹
- **Sensors:**
  - Button Photo Electric sensor (PE) available 120-277V & 347V.
  - CA Title 24 Compliant Occupancy Sensor Option.²

¹ Available with Optic Code 40AF

### Mounting
- **Mounts to standard 3-1/2” to 4” round and octagonal, 4” square, single gang and masonry junction boxes.**
  - **Flush Mount:** Mounts directly to customer supplied junction box.
  - **Conduit Box Mount:** Mounts to walls via separate mounting box with conduit knockouts.

### Sensor Pattern:
- **Street Side**

Subject to Change
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**Claims Table:**

<table>
<thead>
<tr>
<th>OPTICAL CODE</th>
<th>IS FILE NAME 120-277V</th>
<th>IS FILE NAME 347V</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 AF</td>
<td>EWLS01_15AF730-120-277VIES</td>
<td>EWLS01_15AF730-347VIES</td>
</tr>
<tr>
<td>40 AF</td>
<td>EWLS01_40AF730-120-277VIES</td>
<td>EWLS01_40AF730-347VIES</td>
</tr>
</tbody>
</table>

**Accessories:**

<table>
<thead>
<tr>
<th>PRODUCT ID</th>
<th>DETAIL</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>E = Evolve</td>
<td>A = Accessory</td>
<td>D = Diffuser</td>
</tr>
<tr>
<td>W = Wallpack</td>
<td>E = Escutcheon Plate</td>
<td>DKBZ = Dark Bronze*</td>
</tr>
<tr>
<td>L = L-series</td>
<td>S = Standard</td>
<td>BLCK = Black</td>
</tr>
<tr>
<td>S = Standard</td>
<td></td>
<td>GRAY = Gray</td>
</tr>
<tr>
<td></td>
<td></td>
<td>WHITE = White</td>
</tr>
</tbody>
</table>

**Motion Sensing Option:**

- Intended for 8-25 ft. mounting heights.
- Provides a coverage area radius for walking motion of 25-30 ft.
- Provides 180° of coverage (~180° is blocked by the wall).
- Factory preset to 50% dimming with no occupancy.
- May be reprogrammed using additional remote programmer.
  - Remote programmer part number: WS FSIR-100 PROGRAMMER (197634)
- Photoelectric control is integrated through the motion sensor, and is offered as standard.
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Product Dimensions:

Flush Mount

Conduit Box Mount
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Photometrics:

**15AF: 1500 LUMEN, ASYMMETRIC FORWARD**
EWLS01_15AF750________-120-277V.ies

#1 - Vertical plane through horizontal angle of maximum candlepower at 0°

#2 - Vertical plane through horizontal angle of 14°

Grid Distance in Units of Mounting Height at 10'
Initial Foot-candle Values at Grade.

**40AF: 4000 LUMEN, ASYMMETRIC FORWARD**
EWLS01_40AF750________-120-277V.ies

#1 - Vertical plane through horizontal angle of maximum candlepower at 0°

#2 - Vertical plane through horizontal angle of 36°

Grid Distance in Units of Mounting Height at 10'
Initial Foot-candle Values at Grade.
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Figure 1: Wall Plate Install

Figure 2: Mounting Box Install

Consult product Installation Instructions (GEH 6060) for detailed installation instructions.

Accessories:
Beauty Plates

Cover the unsightly debris marks on your building façade with color matched wall pack beauty plates. Mounting hole patterns and dimensions are compatible with typical building surface fastening methods.
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Accessories:
Mounting Holes

Mounting hole patterns and dimensions are compatible with typical building surface fastening methods.

Diffuser

Optional diffuser accessory utilizing ACRYLITE®, an acrylic sheet with an elegant texture which performs double duty with beauty and durability for any environment. This added texture diffuses surface reflections. Transmits 90% of the light through diffuser.