GE Evolve™
LED L-Series Wall Pack
EWLS

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The Evolve LED L-Series Wall Pack, EWLS, is a designed replacement for 50W to 250W HID, while offering significant energy savings in a long-life LED wall pack. The EWLS’s 2-screw housing design enables a fast and simplified installation. The low-watt Egress package (13W) is designed to meet recommended illuminance requirements for egress applications such as side and rear exit doors in commercial buildings and can meet NFPA 101 life safety lighting requirements when used with external battery backup.

Features:
- 1500 and 4000 lumen output
- High Brightness LEDs
- 70 CRI @ 3000K, 4000K, and 5000K typical
- L90 > 100,000 hours (1500lm), L90 > 60,000 hours (4000lm)
- Designed to replace 50W to 250W MH wallpacks
- Small Form Factor, <10 lbs
- 0-10V Dimming
- Motion Sensor & Button Photo Electric Sensors available
- Impact resistant tempered glass lens
- Zero up-light construction, full cut-off
- International Dark-Sky Association (IDA) Approved for 3000K CCT

Applications:
- Building entrances & perimeter lighting
- Side and rear exit doors
- Stairways and entry path
- Schools, Apartment Buildings, Hospitals
- Retail & Commercial Buildings
- Loading docks

To learn more about GE Evolve LED L-Series Wall Pack, go to: http://products.currentbyge.com
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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 L90>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.
- **Sensors:**
  - Button Photo Electric sensor (PE) available 120-277V & 347V.
  - CA Title 24 Compliant Occupancy Sensor Option.

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

Vehicles
Pedestrians
Sensing Pattern Wall Pack Fixture: 8-25 ft.

Subject to Change
**GE Evolve™**
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### Claims Table:

<table>
<thead>
<tr>
<th>OPTICAL CODE</th>
<th>TYPICAL SYSTEM WATS 120-277V</th>
<th>TYPICAL INITIAL LUMENS 3000K</th>
<th>TYPICAL INITIAL LUMENS 4000K</th>
<th>TYPICAL INITIAL LUMENS 5000K</th>
<th>TYPICAL INITIAL LPW 120-277V</th>
<th>TYPICAL INITIAL LPW 4000K</th>
<th>TYPICAL INITIAL LPW 5000K</th>
<th>BUG RATING 4000K/5000K</th>
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</thead>
<tbody>
<tr>
<td>15 AF</td>
<td>12</td>
<td>13</td>
<td>1,450</td>
<td>1,500</td>
<td>121</td>
<td>125</td>
<td>125</td>
<td>112</td>
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<tr>
<td>40 AF</td>
<td>37</td>
<td>38</td>
<td>3,880</td>
<td>4,000</td>
<td>105</td>
<td>108</td>
<td>108</td>
<td>102</td>
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</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>E = Escutcheon Plate</td>
</tr>
<tr>
<td>W = Wallpack</td>
<td>L = L-series</td>
<td>S = Standard</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.

2 Foot Candle
1 Foot Candle
0.5 Foot Candle

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.

2 Foot Candle
1 Foot Candle
0.5 Foot Candle
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.

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