Evolve™ LED Area Lighting
Recessed Canopy Light (ECRA)
The new GE Evolve™ LED Recessed Canopy Light provides an energy-efficient and robust means for lighting areas with canopies, such as gas stations, truck stops and drive-thrus at banks, pharmacies and restaurants. Offering easy installation and maintenance, along with various lumen levels at both 4000K and 5000K color temperatures, this canopy light provides a great LED lighting solution for their outdoor space.

**Product Features**

**Housing**
- Die-cast aluminum housing.
- Integral heat sink for maximum heat transfer.
- Meets 1.5G vibration standards per ANSI C136.31-2010.

**LED & Optical Assembly**
- Structured LED array for optimized area lighting photometric distributions.
- Evolve™ light engine consisting of reflective technology designed to optimize application efficiency and minimize glare.
- Utilizes high brightness LEDs, 70 CRI at 4000K and 5000K color temperature.
- LM-79 tests and reports are performed in accordance with IESNA standards.

**Lumen Maintenance**

<table>
<thead>
<tr>
<th>ECRA SKU</th>
<th>Lxx@50Khrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>A5</td>
<td>L90</td>
</tr>
<tr>
<td>B5</td>
<td>L90</td>
</tr>
<tr>
<td>C5</td>
<td>L85</td>
</tr>
</tbody>
</table>

- Per TM-21 calculator.
- L70 > 100,000 hrs for all power levels.
- Mounted to Sheet Metal per typical canopy install.
- Ambient Operating condition 25°C.

**Ratings**
- Listed, suitable for wet locations per UL 1598.
- Temperature rated at -40°C to 50°C
  (C5 SKUs: -40° to 40°C).
- Upward Light Output Ratio (ULOR) = 0.
- Compliant with the material restriction requirements of RoHS.
- DLC Listed.

Please refer to the DLC QPL website for the latest and most complete information: [www.designlights.org/QPL](http://www.designlights.org/QPL)

**Finish**
- Corrosion resistant polyester powder painted.
- Standard colors: White, Dark Bronze and Black.

**Electrical**
- 120-277 volt and 347-480 volt (B5 and C5 optical only), 50/60Hz.
- System power factor is >90% and THD<20%
- Class “A” Sound rating
- EMI: Title 47 CFR 15 Class A
- Motion sensor and integral photo electric sensor available.
  - 6kV/3kA “Basic” standard.
  - 10kV/5kA “Enhanced” R option.

**Warranty**
- Limited 5-Year Warranty for product launch standard.
Ordering Number Logic
Evolve™ LED Recessed Canopy Light (ECRA)

<table>
<thead>
<tr>
<th>PRODUCT ID</th>
<th>PRODUCT GENERATION</th>
<th>VOLTAGE</th>
<th>OPTICAL CODE</th>
<th>LENS TYPE</th>
<th>DRIVE CURRENT</th>
<th>LED COLOR TEMP</th>
<th>MOTION SENSOR/PI FUNCTION</th>
<th>MOUNTING</th>
<th>COLOR</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>E = Evolve</td>
<td>C = Canopy Series 'X'</td>
<td>0 = 120 - 277</td>
<td>Flat Lens</td>
<td>5 = 525mA</td>
<td>40 = 4000K</td>
<td>50 = 5000K</td>
<td>I = None</td>
<td>B = 12&quot; Recessed Mount</td>
<td>WHITE</td>
<td>D = Dimmable (0-10 Volt Input) †</td>
</tr>
<tr>
<td>R = Recessed</td>
<td></td>
<td>M = 347-480V*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 = Motion Sensor and Integral Photocell*</td>
<td></td>
<td>D01 = Dimming with Junction Box</td>
<td></td>
</tr>
</tbody>
</table>

* See below table for available options
* Must order with 10kV surge protection Option "R".
† Dimming leads will be provided and terminated with quick-disconnect terminals.

Photometrics

ECRA Type V - Symmetric Wide - Flat Lens
13,550 Lumens, 5000K ECRA_C5F550__ies
Approximate Sensor Pattern:
Canopy Fixture
15 ft. Mounting Height

Motion Sensing Option:
- Intended for 8-25ft mounting heights.
- Provides a coverage area radius for walking motion of 15-20ft.
- Provides 360° of coverage.
- Factory pre-set 50% dimmed light output 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.

Product Dimensions
Evolve™ LED Recessed Canopy Light (ECRA)

<table>
<thead>
<tr>
<th>Standard Lens</th>
<th>With Optional Electrical Junction Box: 002, D01</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATA</td>
<td>• Approximate Net Weight: Not to exceed 15 lbs.</td>
</tr>
</tbody>
</table>
Evolve™ Recessed Canopy Light Accessories

All accessory product ordered and shipped separate from the luminaire. Contact manufacturer for more information.

Beauty Plates
24” & 32” Escutcheon plates designed to cover unsightly canopy ceilings.

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Series</th>
<th>Detail</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>E</td>
<td>1</td>
<td>WHITE = White</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>BLCK = Black</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DKBZ = Dark Bronze</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RAL custom colors available. Contact Manufacturer</td>
</tr>
</tbody>
</table>

* Can be used to hold the weight of the luminaire.

Mounting Plates
26” x 18” Mounting plates designed to ...