Lumination™ LED Luminaires
LED Recessed Luminaire
LPL24 Value Series - Panel Light

Product Description:
GE Lumination™ LPL Series Recessed LED Luminaires are a value product for commercial ceilings providing uniformity, efficiency and reduced glare for T-grid ceiling applications. For the premium reveal® TriGain™ Architectural flat panel design, please see details for the LET series. The LPL lumen maintenance of greater than L70 at 50,000 hours operation, allows for lower maintenance costs. It is suitable for indoor general lighting for both new construction and retrofit when luminaires are being replaced. The uniform light across the diffuser offers a distinctive, better look than traditional LED “two strip troffers”. End users can see the difference and enjoy the fresh new look of an LED luminaire.

Performance Summary:
- **Light Output Range:** 3000-4800 lumens
- **CRI:** 80+, R9>0
- **CCT:** 3500K/4000K
- **Efficacy:** 100LPW
- **Input Voltage:** 120-277V
- **Wattage Range:** 30-48 watts
- **Rated Lumen Depreciation:** L70 @ 50,000 hrs.
- **Limited Warranty:** 5 Years

Product Dimensions:

Ordering Information: (Important, Please see note 1 below)

<table>
<thead>
<tr>
<th>FAMILY</th>
<th>FIXTURE TYPE</th>
<th>GENERATION</th>
<th>VOLTAGE</th>
<th>NOMINAL LUMENS</th>
<th>DISTRIBUTION FINISH</th>
<th>CR/CCT</th>
<th>CONTROLS</th>
<th>MOUNTING</th>
<th>FINISH</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPL</td>
<td>Luminance Panel Light</td>
<td>24 = 2' x 4'</td>
<td>0 = 120-277V</td>
<td>3000</td>
<td>Medium Lambertian</td>
<td>80±</td>
<td>LT</td>
<td>WHTE</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>0 = 3000</td>
<td>40 = 4000</td>
<td>48 = 4800</td>
<td>10</td>
<td>○</td>
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**Example Configurations**
- LPL24A030MM835VQLTWHTE
  - Luminaire: 3000 lumens
  - Total system watts: 30
  - Luminaire LPW: 100
  - Shipping lead time (weeks): 3
  - Quickship: ○

**Accessories**
- Drywall Mount Kit 2 x 4: GESK11, 69523
- Surface Mount Kit for Backlit T-Grid: B24 SMK, 212463
- 347V kit: LFAMBA0VQFA, 93071580
- EMBB kit: LFAMBA0VQFAEL, 93071576
- Wireless Enabled, Daintree Compatible kit (most commonly used option for Daintree): LCAMBAOTQFA, 93071586
- Wireless Enabled, Daintree Compatible with Daintree WFA 100 kit (allows for field connectivity to remote sensor): LCAMBA0TQFAS, 93071575
- Wireless Enabled, Daintree Compatible + EMBB kit: LCAMBA0TQFAEL, 93071579
- Wireless Enabled, Daintree Compatible + Emergency Bypass kit: LCAMBA0TQFAB2, 93071583

Ordering Notes:
1. ALL LPL UNITS ARE PRICED AS SINGLE UNITS AND MUST BE ORDERED AS SINGLE UNITS IN EVEN QUANTITIES AS THIS PRODUCT IS PACKED TWO PER BOX. IT SHOULD BE NOTED IN RECEIVING DOCUMENTS THAT ONE BOX HAS TWO UNITS AND SHOULD BE RECEIVED AS TWO UNITS.
2. See accessories for wireless and sensor options
3. All options are accessories that are quickly and easily attached and/or wired to the luminaire in the field by the installer.
4. These configurations/lumen levels require additional manufacturing steps and therefore have a 10% price adder.

Please refer to the DLC QPL website for the latest and most complete information. http://www.designlights.org/QPL
**LED & Optical Assembly**

- **CRIa:** >80
- **R9:** >0
- **Color Consistency:** Central limit 4-Step MacAdam Ellipse with LED recipe approach for tight unit to unit color control
- **Rated Lumen Depreciation:** L70 @ 50,000 hrs

**Electrical**

- **Input Voltage:** 120-277V
- **Input Frequency:** 50/60Hz
- **System Power Factor (PF):** >0.9*
- **Total Harmonic Distortion (THD):** <20%*
- **LED Driver Type:** Class 2
  *PF and THD may vary with options

**Ratings & Evaluations**

- **Operating Temperature:** -20°C to +30°C
- **Storage Temperature:** -40°C to +70°C
- **Surge Protection:** ANSI C82.77 Complaint
- **Location:** Damp
- **Safety:** UL/cUL Listed
- **Environmental:** RoHS compliant
- **Utility:** DLC™ Qualified Product Listed, check www.designlights.org/QPL for specific products

**Construction & Finish**

- **Housing:** Durable, long lasting bezel construction. Aluminum extruded
- **Lensing:** Precision formed optical assembly
- **Paint:** Post painted powder coat finish on frame
- **Weight:** <16 pounds

**Controls**

- **Standard Dimming:** 0-10VDC ANSI C137.x compliant
- **Minimum Dimming:** 10% of rated lumen LED drive current
- **Optional Dimming:** N/A
- **Wireless Networking & Sensing Devices:**
  - Daintree Wireless enabled
  - Daintree Systems (Wireless Only)
- **Power Addition for Controls:** <2 watts
  *Contact Factory for specific option availability

**Mounting**

- **Typical Mounting:** Fits standard T-Bar grid (drop ceilings)
- **Wiring Access:** ½” trade-size KOs
- **T-grid Clips:** T-grid clips attached, with holes for seismic wires
- **Surface Mounting:** Surface mount kit available

**Accessories and Options**

- **Optional Emergency Battery:** Provides 90-minutes of Emergency lighting

**Design Life & Warranty**

- **System Warranty:** 5 Year

**Photometrics**

**POLAR GRAPH**

<table>
<thead>
<tr>
<th>ZONAL LUMEN SUMMARY</th>
<th>Zone</th>
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