Lumination™ LED Luminaires

LED Recessed Luminaire
LPL24 Value Series – Panel Light Generation B

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 luminaire maintenance is 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 luminaire’s 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: 3500/4550/5250 lumens (Field Switchable)
- CR: 80+, R9 >0
- CCT: 3500K/4000K
- Efficacy: 118 LPW
- Input Voltage: 120V-277V
- Wattage Range: 27/37.5/44.5 watts
- Rated Luminaire Lumen Depreciation: L70@50,000 hours
- Limited Warranty: 5 Years

Certified by:
Note: Test data for this product meets utility rebate consortium requirements. The consortium name/logo is not allowed to be used until approvals are completed. This is in process and may be approved at any time. It can be checked at www.designlights.org/QPL.

Ordering Information:

<table>
<thead>
<tr>
<th>FAMILY</th>
<th>FIXTURE TYPE</th>
<th>GENERATION</th>
<th>VOLTAGE</th>
<th>NOMINAL LUMENS</th>
<th>DISTRIBUTION</th>
<th>CRI/CRT</th>
<th>CONTROLS</th>
<th>MOUNTING</th>
<th>FINISH</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPL =</td>
<td>Luminaria Panel Light</td>
<td>24 = 2’ x 4’</td>
<td>0 = 120-277V</td>
<td>4X = Nominal Lumen Level</td>
<td>MM = Med. Lumenation</td>
<td>835 = 80CRI, 3500K</td>
<td>840 = 80CRI, 4000K</td>
<td>VQ = 0-10V Dimming</td>
<td>LT = T-Grid</td>
<td>WHITE = White</td>
</tr>
</tbody>
</table>

EXAMPLE CONFIGURATIONS:
- LPL24B04XMM835VQLTMWHTE = 3500/4550/5250 lumens (Field Switchable)
- LPL24B04XMM840VQLTMWHTE = 3500/4550/5250 lumens (Field Switchable)

ACCESSORIES:
- Drywall Mount Kit 2x4
- 2x4 Surface Mount Kit for Backlit T-Grid
- 3’/4’/5’/6’ Surface Mount Kit for Backlit T-Grid
- Digital Input Driver (does not have 0-10v input) that LCAMBA0SQFA 93117531
- WEBCam Kit LCAMBA0TSFAB2 93071582
- WEBCam Kit LCAMBA0TSFAEL 93071578
- WEBCam Kit LCAMBA0TSFA 93071586
- WEBCam Kit LFAMBA0VQFAEL 93071580
- WEBCam Kit LFAMBA0VQFA 93119594
- WEBCam Kit LSAATT/T1FM6 93098472
- WEBCam Kit LSAATZFM6(WIZ100 Sensor Kit) 93098473

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. Fixture is field configurable for three different lumen/wattage levels with a switch. Switch default is the middle level (3750 Lumens, 32.5 Watts).

Certified by:
Note: Test data for this product meets utility rebate consortium requirements. The consortium Name/logo is not allowed to be used until approvals are completed. This is in process and may be approved at any time. It can be checked at www.designlights.org/QPL.

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. Fixture is field configurable for three different lumen/wattage levels with a switch. Switch default is the middle level (3750 Lumens, 32.5 Watts).
Product Specifications:

LED & Optical:
- CRI >80
- Color Consistency: Central limit 4-Step MacAdam Ellipse with LED recipe approach for tight unit to unit color control
- Rated Luminare Lumen Depreciation: L70@50,000 Hours
- TM-21 LED Data:
  - Estimated Lumen Maintenance: L84=100,000 hrs
  - Reported: L90=60,000 hrs

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

Ratings and Evaluations:
- Operating Temperature: 0°C to +40°C
- Storage Temperature: -40°C to +70°C
- Surge Protection: ANSI C82.77 Complaint
- Location: Damp
- Insulation Contact: Type IC Rated
- Safety: UL/cUL Listed
- Environmental: RoHS compliant
- Utility: Test data for this product meets utility rebate consortium requirements. The consortium name/logo is not allowed to be used until approvals are completed. This is in process and may be approved at any time. It can be checked at www.designlights.org/QPL

Construction & Finish:
- Housing: Durable, long lasting steel construction. Aluminum extruded frame
- Lensing: Precision formed optical assembly.
- Weight: <16 pounds

Photometrics:

<table>
<thead>
<tr>
<th>ZONAL LUMEN SUMMARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zone</td>
</tr>
<tr>
<td>0-10</td>
</tr>
<tr>
<td>10-20</td>
</tr>
<tr>
<td>20-30</td>
</tr>
<tr>
<td>30-40</td>
</tr>
<tr>
<td>40-50</td>
</tr>
<tr>
<td>50-60</td>
</tr>
<tr>
<td>60-70</td>
</tr>
<tr>
<td>70-80</td>
</tr>
<tr>
<td>80-90</td>
</tr>
<tr>
<td>90-100</td>
</tr>
<tr>
<td>100-110</td>
</tr>
<tr>
<td>110-120</td>
</tr>
<tr>
<td>120-130</td>
</tr>
<tr>
<td>130-140</td>
</tr>
<tr>
<td>140-150</td>
</tr>
<tr>
<td>150-160</td>
</tr>
<tr>
<td>160-170</td>
</tr>
<tr>
<td>170-180</td>
</tr>
</tbody>
</table>

Warranty:
- System Warranty: 5 Year

Controls:
- Standard Dimming: 0-10V/DC
- Minimum Dimming: 10% of rated lumen LED drive current. Contact manufacturer for other available options.
- Optional Dimming: Contact Manufacturer

Wireless Networking and Sensing Device Options*
- Daintree One: Wireless fixture integrated sensor that is perfect for single fixtures or small area applications. Standalone wireless lighting controls that work independently. Comes preset from the factory, yet can be upgraded to Daintree EZ Connect and/or Daintree Enterprise in the future. Factory preset to shut off 20 minutes after the space is vacated of occupants. Daylight harvesting preset enabled on.
- Daintree EZ Connect: Wireless fixture integrated sensor that is designed for room based controls where a group of fixtures communicate to each other and communicate wirelessly in chorus as a system. The advantage is simple, minimal field based commissioning. Factory preset to shut off 20 minutes after the space is vacated of occupants. Daylight harvesting is set in initial preset. EZ Connect wireless lighting controls are set up and/or can be changed by the Daintree EZ Connect application that can be downloaded via an iOS smart device.
- Daintree Enterprise: Wireless fixture integrated sensor technology that is ideal for multi-site lighting system management. System requires software and commissioning. Monitor multiple controls, lighting, energy, HVAC with unlimited potential for other 3rd party sensor integration. *Open on the bottom" means that the data from the sensors can be used by any 3rd party software supplier/developer; be it part of a complete BMS system or simple API (Application Programming Interface or "App"). Daintree Enterprise offers a complete future proof solution from any Daintree enabled installed base of fixtures.

Power Addition for Controls: <2 watts
*Contact Factory for specific option availability

Mounting:
- Typical Mounting: Fits standard T-Bar grid (drop ceilings)
- T-Grid Clips: T-grid clips attached, with holes for seismic wires
- Surface Mounting: Surface mount kit available.

Accessories & Options:
- Optional Emergency Battery: Provides 90-minutes of Emergency lighting.

For more information and access to all of our resources, including our design tool visit: www.LED.com