Lumination® LED Luminaires
2' x 2' Recessed Architectural Luminaire
LET22 Series - with TriGain® technology & Daintree® Embedded Sensors

Product Description:
Lumination® LET Series Recessed Architectural LED Luminaires bring a designer touch to any drop ceiling landscape. For new construction or retrofit, these distinctive luminaires provide a clean, high end architect specified look in an easy-install LED solution. The LET architectural lighting luminaires feature a thin high end closed, non-mitered frame with no light leakage and uniform light across the lens with the express purpose of creating added visual interest. All products now have TriGain® technology, an exclusive product offered only by Current. Color without compromise with 90CRI, R9>90 and no compromise in LPW over 80 CRI LED technology.

Performance Summary:
Light Output Range: 2000-4000 lumens
CRI: 90+, R9>90 with TriGain® Technology
CCT: 3500K/4000K
Efficacy: 108-110 LPW
Input Voltage: 120-277V, 347V
Wattage Range: 18.5-36.5 watts
Rated Luminaire Lumen Depreciation: L85@50,000 hours
Limited Warranty: 5 Years

Ordering Information:

Ordering Notes:
1. Contact manufacturer for lead times
2. Most commonly ordered for Daintree Enterprise Wireless Enabled
3. Test switch is remote mounted in the ceiling, EL option not available in 347V
4. Contact manufacturer prior to ordering to confirm application
5. Most Standard base SKU's are DLC, there are exceptions for 347V and EL for meeting PF and/or THD results. Please check the DLC QPL.

Project name ___________________  Date ___________________
Type ____________________

Certified by: Daintree Technology

Please refer to the DLC QPL website for the latest and most complete information.
www.designlights.org/QPL

Product Dimensions:

A = 23.8in B = 23.8in C = 2.5in D = 0.5in

EXAMPLE CONFIGURATIONS

<table>
<thead>
<tr>
<th>LUMINAIRE LUMENS</th>
<th>LUMINAIRE TOTAL SYSTEM WATTS</th>
<th>LUMINAIRE LPW</th>
</tr>
</thead>
<tbody>
<tr>
<td>LET22A020MMT35VQLTWHITE</td>
<td>3300</td>
<td>33.5</td>
</tr>
<tr>
<td>LET22A033MMT35VQLTWHITE</td>
<td>3700</td>
<td>37.0</td>
</tr>
<tr>
<td>LET22A040MMT35VQLTWHITE</td>
<td>4000</td>
<td>40.0</td>
</tr>
<tr>
<td>LET22A020MMT40VQLTWHITE</td>
<td>2000</td>
<td>20.0</td>
</tr>
<tr>
<td>LET22A033MMT40VQLTWHITE</td>
<td>3300</td>
<td>33.0</td>
</tr>
<tr>
<td>LET22A040MMT40VQLTWHITE</td>
<td>4000</td>
<td>40.0</td>
</tr>
</tbody>
</table>

CONTROL OPTIONS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>REF DOCUMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>VQ 0-10v Dimming</td>
<td>N/A</td>
</tr>
<tr>
<td>T0 Daintree Enterprise Wireless Enabled</td>
<td></td>
</tr>
<tr>
<td>T5 Daintree Enterprise Wireless Enabled with Daintree WFA100</td>
<td></td>
</tr>
<tr>
<td>TZ Daintree Enterprise Wireless with fixture integrated sensor</td>
<td></td>
</tr>
<tr>
<td>TT Daintree EZ Connect Wireless with fixture integrated sensor</td>
<td></td>
</tr>
<tr>
<td>T1 Daintree One with fixture integrated sensor with factory programmed preset</td>
<td></td>
</tr>
<tr>
<td>SO Digital Input Driver (does not have 0-10v input) that uses a field installed accessory in the ceiling - not the fixture that is Daintree compatible such as Daintree One, EZ Connect or Enterprise sensors</td>
<td></td>
</tr>
</tbody>
</table>

ACCESSORIES

<table>
<thead>
<tr>
<th>DESCRIPTION CODE</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drywall mount Kit 2' x 2'</td>
<td>GESK07</td>
</tr>
<tr>
<td>2' x 2' Surface Mount Kit for Recessed Architectural</td>
<td>A22 SMK</td>
</tr>
</tbody>
</table>
Photometric Data: LET22 Series

Product Specifications:

**LED & Optical:**
- CRI: ≥90 with TriGain® Technology
- R9: ≥80 with TriGain® Technology
- Color Consistency: Central limit ±4-Step MacAdam Ellipse with LED recipe approach for tight unit to unit color control.
- Rated Luminous Lumen Depreciation: L85@50,000 Hours
- TM-21 LED Calculations: L85@50,000 Hours
- Reported: L85@50,000 hrs
- Distribution: Medium Lambertian

**Electrical:**
- Input Voltage: 120-277, 347 VAC
- 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 +55°C
- Storage Temperature: -40°C to +70°C
- Surge Protection: ANSI C82.77 Complaint
- Location: Indoor
- Safety: UL/cUL Listed
- Environmental: RoHS compliant
- Utility: DLC™ Qualified Product listed, check [www.designlights.org/QPL](http://www.designlights.org/QPL) for specific products.

**Construction & Finish:**
- Housing: Heavy duty aluminum extrusion with no mitered corners showing and a three dimensional stamped back panel for maximum support.
- Lensing: Engineered light guide and lens system
- Paint: Matt powder coat finish on housing
- Weight: 15 pounds

**Design Life & Warranty:**
- System Warranty: 5 Year
- Luminaire Design Lifetime: >10 Years
- Driver Design Lifetime: >10 year life of continuous operation, >100,000 hour design parameters
- Reliability Testing: Components and systems evaluation.

**Controls:**
- Standard Dimming: 0-10VDC ANSI C137.x compliant
- Minimum Dimming: 10% of rated lumen LED drive current. Contact manufacturer for other available options.
- Optional Dimming: Contact Manufacturer
- Wireless Networking and Sensing Devices: *
  - Daintree One (sensor is ordered separate as an accessory and remote mounted in the ceiling). 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 (sensor is ordered separate as an accessory and remote mounted in the ceiling). 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. No daylight harvesting 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 a smart device.
  - Daintree Enterprise (sensor is ordered separate as an accessory and remote mounted in the ceiling). 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 ZigBee communication protocol is an industry standard with countless wireless/hardware sensing options. "Open on the top" 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

**Options (Listed alphanumerically):**
- (blank) = None
- CP = ChicagoPlenum
- EL = Emergency Light
- B2 = Emergency Bypass
- Dual Shunt Relay to be used with building generator back up systems to override dimming

**Mounting:**
- Typical Mounting: Fits standard T-Bar grid (drop ceilings)
- Wiring Access: 1/4" trade-size KOs on a removable access plate provided
- T-grid Clips: T-grid clips included, with holes for seismic wires
- Surface Mounting: Surface mount kit available.

**Accessories & Options:**
- Optional Emergency Battery: Provides 90-minutes of emergency lighting. Note: EL option is not available with 34V7 option. Initial design lumen output: 750 lumens.
- Optional Chicago Plenum: Openings in recessed fixture sealed per requirements for CCEA
- Daintree Connect Wireless iOS app

For more information and access to all of our resources, including our design tool visit: [www.gecurrent.com](http://www.gecurrent.com)