Tetra® PowerGrid-Gen 3
LED Lighting System
Tetra® PowerGrid is a modular LED system that replaces fluorescent in backlighting applications that require broad, uniform lighting. This unique LED system provides long life, energy efficiency and brilliant, uniform light across a variety of backlit applications.

**Features & Benefits**

- Uniform light distribution through specialized optic
- Consistent color with 3 step MacAdam ellipse binning
- Cut between every module for the right length
- Modular, Low-voltage 24VDC system for easy installation
- Dimmable with GE 0-10V Dimming LED Driver or GE Dimming Module with GE LED Driver and compatible dimming controller
- IP54, dry or damp location rated

**Application**

- Backlighting as shallow as 3 inches

**LED Technology**

- Long rated life: 50,000 hours
- Energy Efficient
- 5 year limited warranty
- No UV emissions
Can be cut between any module to fit any length

3 step MacAdam ellipse provides high quality color consistency

Optical lens provides even light distribution

Dimensional Drawings

Typical dimensions shown in mm (inches):
- 3mm (0.1 in.)
- 102mm (4.0 in.)
- 70mm (2.8 in.)
- 46mm (1.8 in.)
- 12mm (0.5 in.)
- 134mm (5.3 in.)
- 237mm (9.3 in.)
- 14mm (0.6 in.)
**Technical Specifications by SKU**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description Code</th>
<th>CCT+/−</th>
<th>Lens</th>
<th>Strip W/Module</th>
<th>System W/Module</th>
<th>Lm/Module</th>
<th>LPW (System)</th>
<th>Modules/Strip</th>
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<td>GEWWPGP6-27K-A</td>
<td>2700K</td>
<td>+90/-40</td>
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**Light Output**

IES files can be downloaded at www.gelighting.com

- Vertical plane through horizontal angle of maximum candlepower at 52°
- Vertical plane through horizontal angle of 30°

**Technical Specifications**

- **Operating Voltage**: 24VDC system
- **Environmental Rating**: IP54, dry or damp location rated
- **Driver max loading**: 79045 (GE080/MV/D24T1-A, 0-10V dimming) - 30 modules
  - 67825 (GEPS24-100UGL-IP) - 36 modules
  - 62189 (GE180/MV/V24T1-C) - 33 modules per bank/66 modules per LED Driver
- **Dimming**: Dimmable with GE 0-10V Dimming LED Driver or GE Dimming Module with GE LED Driver and compatible dimming controller
- **Module Weight**: 0.85lb (0.39kg)

**Max remote mounting distance:**
- 60W and 180W: 30 ft. (9.14 m)
- 20W: 120 ft. (36.6 m)

**Supply Wire Gauge**
- 18 AWG (0.82 mm²) supply wire
- 16 AWG (1.31 mm²) supply wire
- 14 AWG (2.08 mm²) supply wire
- 12 AWG (3.31 mm²) supply wire

**Wire size**: 18AWG (0.82 mm²)

**Ambient Temperature**: -40°C to +60°C

**CRI**: >=80

**System Certifications**:

This product is intended solely for the use of non-residential architecture lighting and is not intended for any other applications.

www.gelighting.com

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IND0120 (Rev 12/22/15)