

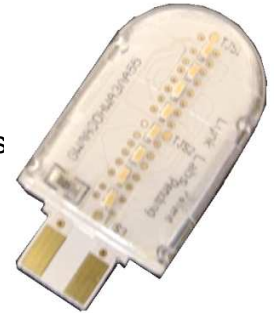
# GeoLite™ – Flat Wedge

# Data Sheet

## GWF05CXX-12

## 0.5W, 12V AC-LED Lamp

The GeoLite™ 0.5-Watt Flat Wedge Lamp replaces existing 5-Watt Xenon Lamps in existing or new 12 VAC Systems. These lamps can be used in numerous applications including: Cove Lighting, Under Cabinet Lighting, Display & Showcase, Vacuum Cleaner Lights and more. Key benefits for this product include:



- **Significant Energy Savings – Uses up to ten times less power.**
- **Compatible with existing 12V AC Wedge Base Sockets – Plug & Play.**
- **Dimmable – Works with most existing AC Dimmers.**
- **Long Operating Life – 50,000 hours if used as specified.**

### • Electro-Optical Characteristics

Model Number	CCT	VAC	Power	Lumen	lm/W
GWF05C3K-12	3000K	12 VAC Maximum	0.5 Watt	23	46
GWF05C4K-12	4000K	12 VAC Maximum	0.5 Watt	27	54
GWF05C5K-12	5000K	12 VAC Maximum	0.5 Watt	30	60

LPW data is based on system efficiency @ 12 VAC. Values based on Ta = 25°C & Tj = 70°C.

### • Operating Characteristics (single Lamp)

Characteristic	GWF05CXX-12
Drive Voltage	Minimum = 7.5 VAC, Maximum = 12.0 VAC
Thermal Management	T-Junction Maximum = 70°C
Viewing Angle	140°
CCT Options (W-C)	3000K, 4000K, 5000K per ANSI_NEMA_ANSLG C78.377-2008
CRI Options (W-C)	Standard = 85, High = 92

### • Powering Specifications

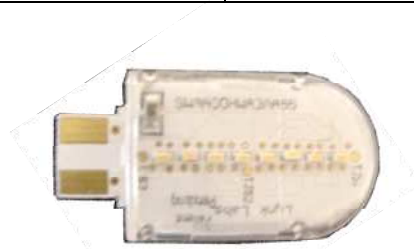
Power Supply/Driver	Output RMS	Frequency	Minimum Load	Dimming
BriteDriver™	12 VAC	40 kHz	1 Watt	Input
12 VAC Magnetic	12 VAC	50/60 Hz	5 Watt	Input

**Warning – Do Not Power this product with more than 12V AC.** Use only with Lynk Labs' BriteDriver™ AC LED Power Supplies or other approved transformers. Any Exceptions Void all warranties. Contact Lynk Labs for details and approvals.

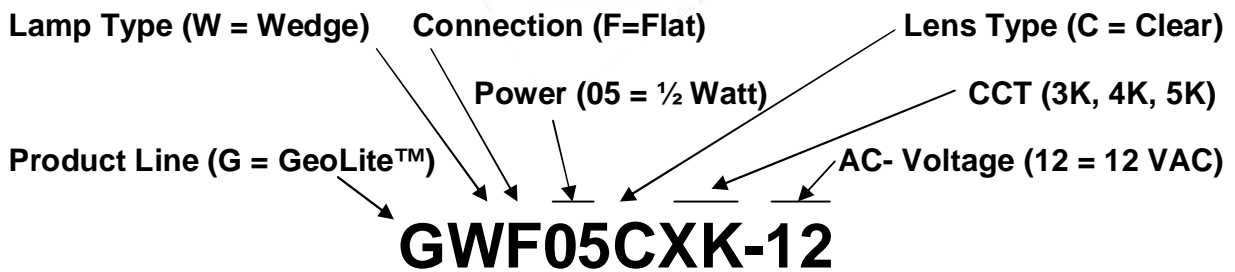
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• **Dimensions – Single GeoLite™, Flat Wedge Lamp**

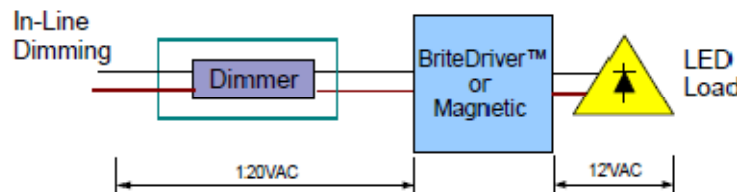
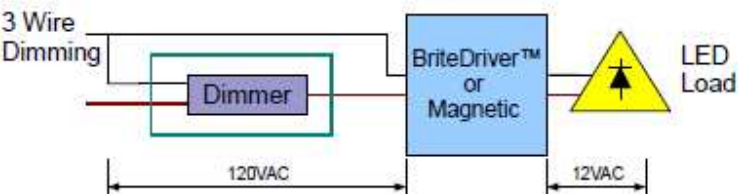
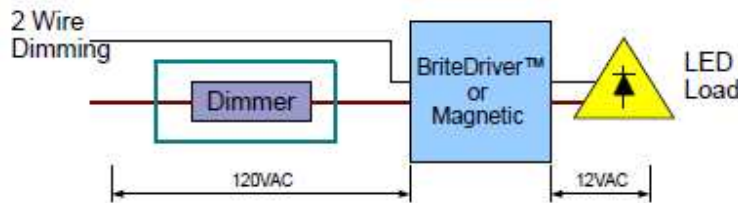
GF05CXK-12	Length	Width	Height
Size in Millimeters	38.10 mm	19.05 mm	6.35 mm
Size in Inches	1 ½ "	¾ "	¼ "



• **Part Numbering**



• **Typical Dimmer Configurations**



• **Pricing, Availability and Ordering information is available from Lynk Labs at:**  
 Telephone; 847-783-0123, Email; [sales@lynklabs.com](mailto:sales@lynklabs.com), Web; [www.lynklabs.com](http://www.lynklabs.com)

