



# LED Channel Letter Illumination System VividWhite Emitter Module

**GREEN** Technology

**PEM-PWE2 Series**



## The Leotek LED Advantage

Leotek's LED Channel Letter Illumination System provides a module size to accommodate any application.

### Applications



Channel Letter



Channel Letter



Light Box – Back Light



Cove Light

### Features and Benefits

- Significant energy and maintenance savings.
- Environmentally friendly.
- Efficient alternative for neon, fluorescent and other conventional light sources.
- Flexible wires allow 2 to 3 module per foot installation.
- Built-in Constant Current Source (CCS) provides uniform light output from the first to the last modules.
- Operates with Universal 12Vdc Power Supply.
- Maintains 70% of the initial lumen intensity after 50,000 hours of operation.
- 5-Year Limited Warranty

### Technical Data

LED Color:	cool white 6000K (typical)	Operating Temperature:	-4°F to 140°F (-20°C to 60°C)
Viewing Angle:	120°	IP Rating:	66
Power Consumption (typical):	2.4W per ft @ 2 modules per ft	Dimensions:	1-7/16 inch (W) x 1-7/16 inch (L) x 5/16 inch (H) {36 mm (W) x 36 mm (L) x 8 MM (H)}
Input Voltage:	12Vdc	Weight:	0.067 lb/module (30 grams/module)
Electrical Design:	Maximum 24 ft (48 modules) per power supply. Can be cut every 3 modules.	Recommended Leotek Power Supply:	Model No. CLP-060A (60W, 12Vdc)
LED Quantity Details:	1 LED per module - 2 modules per foot - 48 feet / 96 modules per spool		

### Ordering Options

Model Number	Description/Color
PEM-PWE2	Channel Letter Module, White <input type="radio"/>

### Standard Conformance



**LEOTEK USA**  
1330 Memorex Drive  
Santa Clara, CA 95050  
Toll Free: (888) 806-1188  
Fax: (408) 980-0538

**LEOTEK TAIWAN**  
No. 50 Lung-Yuan 7<sup>th</sup> Road  
Lung-Tan, Tao-Yuan Hsien 325  
Taiwan  
Telephone: 866-3-4995939  
Fax: 866-3-4995930

[www.leotek.com](http://www.leotek.com)  
[www.liteon.com](http://www.liteon.com)

