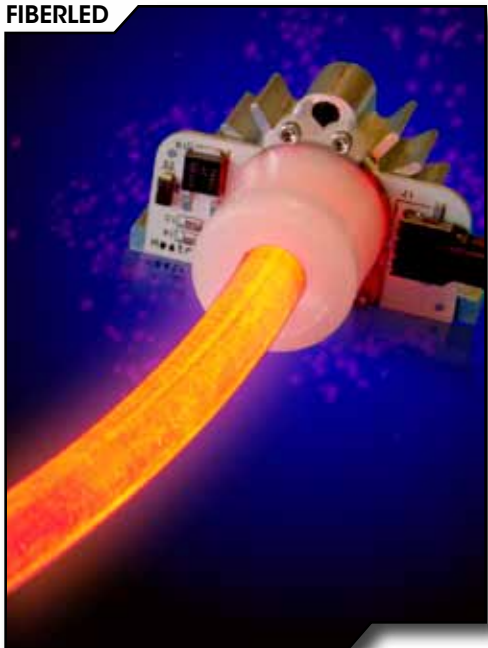


# USHIO

## LED LIGHTING

### FIBERLED



### FIBERLED SIDE EMITTING FIBER ILLUMINATION SYSTEM

USHIO introduces a new FiberLED light system that will advance LED lighting into a new realm. Using the combination of a high-powered led and fiber optic cable, the FiberLED provides bright and consistent 360 degrees of uniform illumination. Manufactured with a powerful CREE LED, the FiberLED has a run length of up to 4 feet with one light engine and extended runs with the double pumping system; both are beneficial to replacing applications currently using neon tubing and fluorescent tubes. In addition to sign retrofits and new sign illumination, the FiberLED's low energy consumption meets the new "energy and sustainability" demands. The 50,000 hour life FiberLED is also dimmable and accepts various drive currents to achieve the ideal brightness.

The FiberLED is UL certified and listed in the Sign Accessory Manual. Its Class 2 rating is approved for wet, dry, and damp locations.

## APPLICATIONS

### FEATURES & BENEFITS

- Low Energy Usage
- Replaces Neon Tubing, Fluorescent Tubes & LED Devices
- Sustainable Product – No Hazardous Materials. All Parts are Re-Usable by Simply Replacing PCB with New LED.
- Dimmable & Accepts Various Drive Currents to 'Dial-In' Desired Brightness Level
- Available in A Double-Sided Version
- Low Maintenance – Designed to Last 50,000 Hours
- Adapts to Both Concealed & Exposed Curvilinear Patterns & Backgrounds
- Architectural Lighting
- Cabinetry Lighting
- Display Cases
- Costume Lighting
- Kiosk Lighting
- Museum Lighting
- Vending Machine Lighting
- Automotive Lighting
- Marine Lighting
- Refrigeration Cabinets

## SPECIFICATIONS

**LED:** CREE XPGWHT-L1-0000-00H53

**LED OUTPUT:** 347 lm @ 1000 mA min.

**LED EFFICIENCY:** (lm/W): 105 @ 1000 mA min.

**POWER CONSUMPTION PER LIGHT ENGINE:** 3.3W @ 1000 mA

**TYPICAL DRIVER:** 1000 mA Class II Constant Current LED Driver (Magtech/Advance/Meanwell).

**LUMEN MAINTENANCE:** 70% @ 50,000 Hours