

Fiber-Lite® Mi-LED

LED Fiber Optic Illuminator



High Performance, Low Cost LED Fiber Optic Illuminator

Dolan-Jenner introduces the New Fiber Lite® Mi-LED, LED Fiber Optic Illuminator for microscopy and general illumination. The latest technology and energy efficient, the Mi-LED features cool white LED lighting with a “customer requested” color temp of 5000K and even higher output than the Fiber-Lite Mi-150, 150 watt halogen fiber optic illuminator.

The Fiber-Lite® Mi-LED was designed with microscopy applications in mind, able to support and fully illuminate goose-neck and annular ring light fiber optics. It is also a great solution for inspection equipment, forensics, machine vision, industrial borescopes, assembly stations, and OEM custom lighting.

The LED lighting of the Fiber-Lite® Mi-LED is an energy efficient cost saving alternative requiring less power while delivering higher performance than comparable 150 watt halogens. Offering even more value, the Fiber-Lite® Mi-LED is practically maintenance free with no lamps to fail, and no lamp sockets to wear out. The long life LED's of Fiber-Lite® Mi-LED are rated to provide over 40,000 hours of light. Conversely, a 150 watt halogen can only provide around 200 hours of light. With such a dramatic increase in light hours, large savings can be realized through greater up time during applications, lower maintenance, and the elimination of replacement bulbs.

The B1 (15mm), A2 (25mm) and A7 (iris) nosepiece adapters make this a drop in replacement and compatible with all standard Dolan-Jenner Mi-150 and 180 series fiber optic light guide configurations. Furthermore, the Fiber-Lite® Mi-LED has a universal voltage input of 100-240 VAC, and is RoHS compliant & CE Certified.

Standard Features

- High Power White LEDs
- Consistent Color Temperature
- Excellent Light Output Uniformity
- Designed to Couple to Most Dolan-Jenner Fiber Optics
- Universal Power Supply
- Low (IR) Heat
- Low Energy Consumption
- Stackable Housing
- Quick Change Adapters
- Small Footprint
- 2 Year Warranty

Accessories & Options

- “B1” Adapter 15 mm ID accepts “MI-150” light guides
- “A2” Adapter 25 mm ID accepts “SX” and “MX” series (preferred) adapters
- “A7” Adapter 25 mm ID with manual Iris accepts “SX” series adapters

TECHNICAL INFORMATION

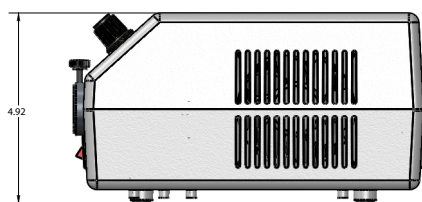
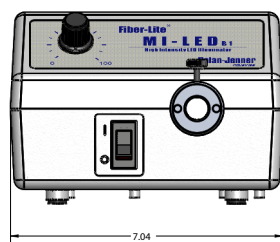
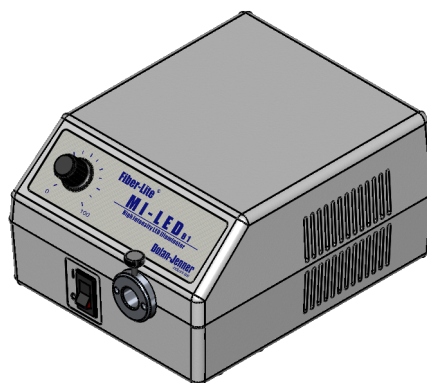
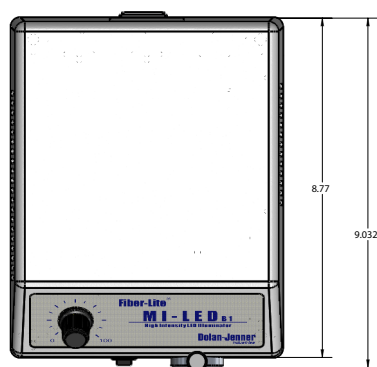
Light Output	2000+ Lumens (12.7mm aperture)
Lighting	High Power White LEDs
Input Voltage	100-240 VAC 50/60 Hz
Color Temperature	Typical: 5000K
LED Life	40,000 Hours D70
Fiber Optic Interface	15mm or (25mm optional)
Operating Temperature	5 - 40°C
Cooling	Fan Cooled
Intensity Control	Variable 10-100%
Dimension/Weight	7.0" W x 4.9" H x 8.8" DP / 6 lbs.

MODEL NUMBER

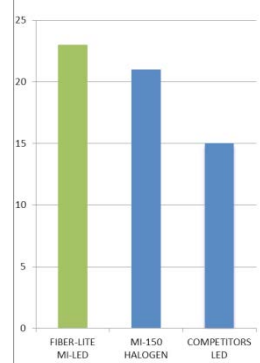
Mi-LED-US-XX	Includes: 115 V US line cord
Mi-LED-EU-XX	Optional: 230 V Euro line cord

OPTION SUFFIX	DESCRIPTION
Mi-LED-XX-B1	15 mm (.590") Fiber Input Dia.
Mi-LED-XX-A2	25 mm (1.0") Fiber Input Dia.
Mi-LED-XX-DG	Includes Dual Gooseneck
Mi-LED-XX-SG	Includes Single Gooseneck
Mi-LED-XX-RL	Includes 60 mm Ringlight
Mi-LED-XX-RB	Includes 66 mm Ringlight
Mi-LED-XX-A7	25 mm (1.0") with Iris

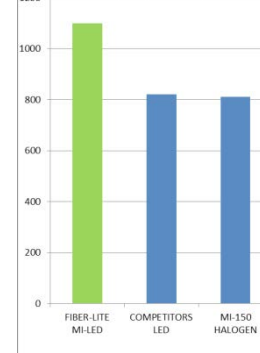
Mi-LED-XX-XX Dimensions



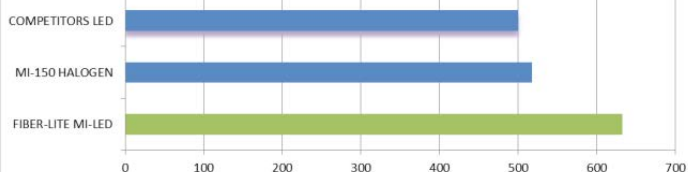
3mm (1/8") Fiber guide



13mm (1/2") Fiber guide



66mm RING LIGHT



DUAL GOOSENECK LIGHT GUIDES

