FTM190

FIBER-OPTIC LED LIGHT SOURCE

The FTM190 fiber-optic LED light source series combines state-of-the-art, solid-state illumination technology with Ushio's distinctive optical design to create a compact and lightweight fiber-optic lightbox with very high output efficacy that is ideal for industrial applications where space is a premium. This mercury-free, long-life ULB-35 LED light source has instant-on and extended electronic intensity dimming capabilities. Midori's spectral output below 430nm (deep blue and UV) and above 700nm (near IR) is minimal, which makes it ideal for sensitive applications.

The FTM190 fiber-optic light source is equipped with an ACMI fiber receptacle to accommodate most common fiber cable types. The FTM190 conveniently accepts a DC input voltage in portable battery operation.

FEATURES & BENEFITS:

- Ultra Compact - Small Footprint Takes Very Little Space
- Energy Efficient - Increased Light Intensity Coupled Into Small Fibers at Lower Wattage Operation
- Electronic Dimming - High Dynamic Range for Intensity Control
- Lightweight - Less Than 1lb (0.45kg) for Exceptional Portability
- External Power Supply - Utility for Both AC and DC Operation
- Long Life - Less Maintenance and No Lamp Replacement Costs
- Low Noise - Both Electrical EMI and Audible Sound

APPLICATIONS:

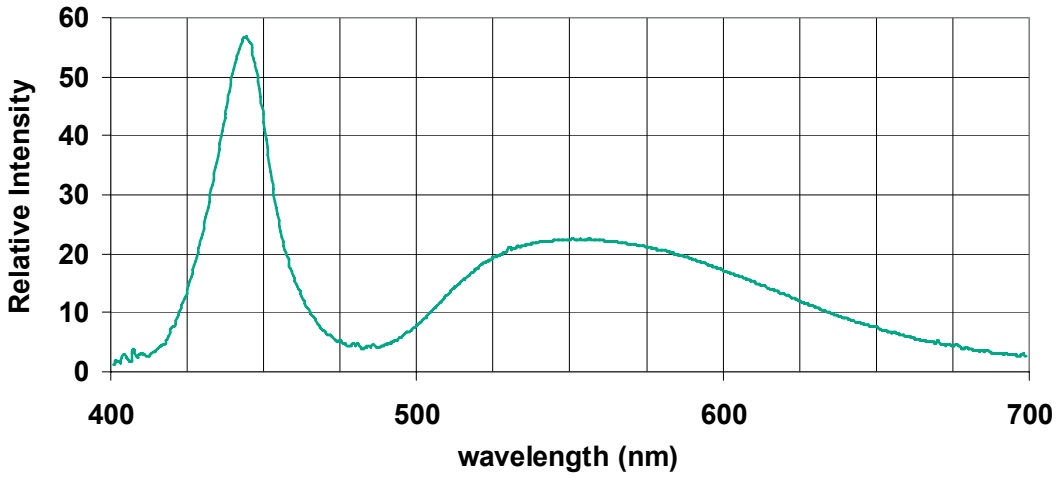
- Industrial NDT Inspection
- Borescopy
- Microscopy
- Remote Visual Inspection
- Fiberscopes
- Flexible Videoscopes
- Industrial Fiber Optics

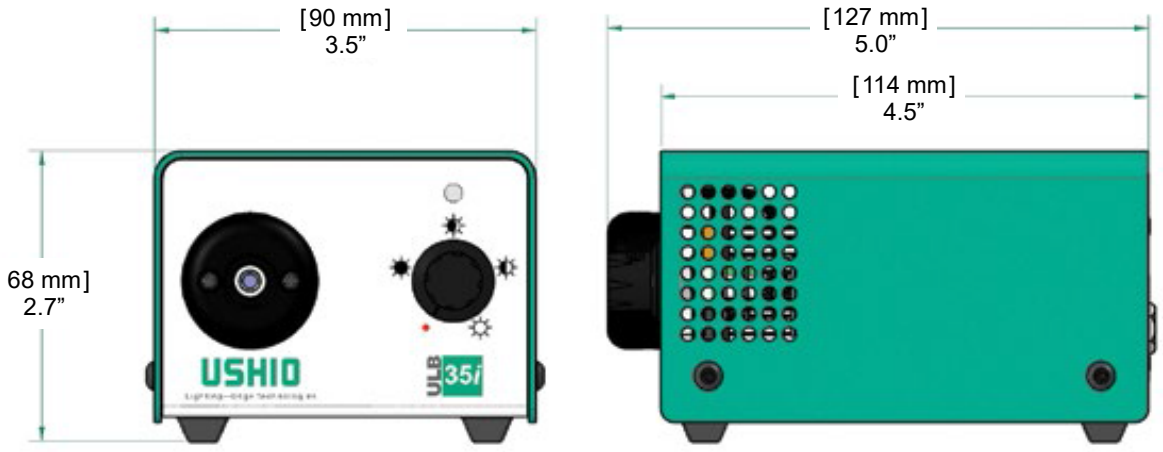
Made in USA

FTM190

Fiber-Optic LED Light Source

Typical Spectral Profile





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NOMINAL SPECIFICATIONS

Watts (W)	Ordering Code	Lamp Description	Color Temp (K)	CRI	Lumen Output (lm)	Average* Rate Life (h)	Electrical Input
35	1003884	FTM190 Power Supply LED	6500	72	1350	50,000+	12 vdc

* Based on LED manufacturer rated wattage and thermal operation.
• Intended for fiber-optic cables ranging from 2mm to 6mm active area diameters. Outputs may vary.

All dimensions are in millimeters and inches.

ULB-35i has been tested and certified to comply with the following industrial EMC and safety specifications:

• UL/EN/CSA 61010 • IEC 61347 • IEC 62471 • CE

MEIJI TECHNO

Distributed by:
New York Microscope Company
Microscope Experts since 1979
100 Lauman Lane, Suite A, Hicksville, NY 11801
Tel: (877) 877-7274 | Fax: (516) 801-2046
Email: Info@nyscopes.com
www.microscopeinternational.com