

MP-LED-150

The Metaphase Fiber Optic LED Illuminator provides intense illumination for fiber optic delivery systems. The Metaphase Fiber Optic LED Illuminator includes various nose pieces for mating the fiber light guide to the supply. Nose pieces include a universal nosepiece with optional adapters to mate to a wide variety of fiber tip diameters and individual nose pieces that are designed for specific fibers. VisionScope Technologies supply a custom adapter for specific use with Light Guide Cables for use with Endoscopes.

The Fiber Optic Illuminator can be used with all the typical fiber and liquid light guides such as single fiber light guide, bifurcated, goose neck, backlight, diffused axial, ring, etc. This supply is an ideal replacement for Halogen based light supplies used in microscopy, endoscopy, machine vision, and applications which cannot have active components near the inspection zone.



FEATURES

- High intensity, low cost Fiber illuminator
- White light intensity up to 1.8 million Lux
- Additional intensity up to 2.23 million Lux with optional Optical Condenser
- Stackable housing design
- Low operating temperature
- Extremely quiet
- Designed and fabricated in the USA
- 2 year limited warranty
- Compatible with various fiber sizes
- Manual intensity (dimming) control
- Includes 12VDC power adapter
- Universal and manufacturer specific nosepieces available

SPECIFICATIONS

Input Power:	12 VDC power adapter
Input current:	3.5A max.
Housing:	Aluminum
Finish:	White powder coat
Dimensions:	6.04 x 6.48 x 4.37" (153.4 x 164.6 x 111mm)
Weight:	5 pounds (2.27 kg)
Ambient Temperature:	-20° C to 40° C
Lifetime Expectancy:	75,000 hours

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APPLICATIONS

- Microscopy
- Endoscopy
- Spotlight source
- Fiber backlighting
- Architectural fiber lighting
- Machine vision
- Fiber line lights

Color / Wavelength

W	White 6000K
R	Red 630 nm
G	Green 530 nm B
	Blue 470 nm
IR850	Infrared 850 nm
IR880	Infrared 880 nm
IR940	Infrared 940 nm

COMPLIANCE



CONTACT US

3 Pendrick Close, Coton, Cambridge, CB23 7GZ, UK

Cell: 07761 674499

VAT: 214051755. Company Number: 9537081

Email: visionscope@live.co.uk

Web: www.vst.org.uk

Kevin Sebley ~ Endoscopy



VisionScope Technologies

