



# Cole-Parmer®

## FIBER OPTIC ILLUMINATORS

### HIGH-INTENSITY “COLD” LIGHT ELIMINATES RADIATING HEAT COMMON TO A HALOGEN LIGHT SOURCE

- Minimal light leakage—ideal for your photo-sensitive applications
- Variable light intensity is ideal for applications that require a flexible light source
- High-quality fan reduces noise and vibration
- Light pipes fit securely without need for adapters
- Convenient bulb access makes changing lamps fast and easy
- Low-profile benchtop design saves valuable work space



*Multiposition model  
can sit horizontally or  
vertically to best suit your needs*

## In the U.S.

625 E. Bunker Court  
Vernon Hills, IL 60061  
Call toll-free 800-323-4340  
Phone: 847-549-7600  
Fax: 847-247-2929  
[www.coleparmer.com](http://www.coleparmer.com)

## In Canada

Call toll-free 800-363-5900  
Phone: 514-355-6100  
Fax: 514-355-7119  
[www.coleparmer.ca](http://www.coleparmer.ca)

## In India

Phone: 91-22-6716-2222  
Fax: 91-22-6716-2211  
[www.coleparmer.in](http://www.coleparmer.in)

## In the United Kingdom

Free phone: 0500-345-300  
Phone: 020-8574-7556  
Fax: 020-8574-7543  
[www.coleparmer.co.uk](http://www.coleparmer.co.uk)

## International customers

Call 847-549-7600 to reach our International Sales Department or contact your local dealer.



**FREE TECHNICAL APPLICATIONS ASSISTANCE!**

## APPLICATIONS

Provide adequate contrast for imaging in many machine vision, industrial, and microscopy applications.

## PERFORMANCE SPECIFICATIONS

- Lamp intensity: 350,000 footcandles
- Lamp color temperature: 3250K
- Lamp bulb: 150-watt quartz halogen, >1000 hours life

### MICROSCOPY FIBER OPTIC ILLUMINATORS



Catalog number	Power	Dimensions
<b>Illuminator only (order light pipe separately below)</b>		
<a href="#">ML-41723-00</a>	115 VAC, 60 Hz	6"W x 5 <sup>3</sup> / <sub>8</sub> "H x 8 <sup>1</sup> / <sub>2</sub> "D
<a href="#">ML-41500-05</a>	230 VAC, 50 Hz	
<b>Illuminator with single gooseneck light pipe and one focusing lens</b>		
<a href="#">ML-41500-20</a>	115 VAC, 60 Hz	6"W x 5 <sup>3</sup> / <sub>8</sub> "H x 8 <sup>1</sup> / <sub>2</sub> "D
<a href="#">ML-41500-25</a>	230 VAC, 50 Hz	
<b>Illuminator with dual gooseneck light pipe and two focusing lenses</b>		
<a href="#">ML-41500-30</a>	115 VAC, 60 Hz	6"W x 5 <sup>3</sup> / <sub>8</sub> "H x 8 <sup>1</sup> / <sub>2</sub> "D
<a href="#">ML-41500-35</a>	230 VAC, 50 Hz	



### Accessories

[ML-41720-75](#) **Self-supporting light pipe**, single; 20" overall length

[ML-41720-65](#) **Self-supporting light pipe**, dual; 23" overall length

[ML-09743-20](#) **Focusing lens**

### MULTIPOSITION FIBER OPTIC ILLUMINATOR (order light pipe separately below)

**1** year warranty

Catalog number	Power	Dimensions
<a href="#">ML-41500-50</a>	115 VAC, 60 Hz	7 <sup>1</sup> / <sub>4</sub> "W x 6 <sup>1</sup> / <sub>4</sub> "H x 7 <sup>1</sup> / <sub>4</sub> "D
<a href="#">ML-41500-55</a>	230 VAC, 50 Hz	



### Accessories

[ML-41500-10](#) **Light pipe**, single; 18" overall length

[ML-41500-00](#) **Light pipe**, dual; 18" overall length

[ML-41500-70](#) **Light pipe**, ring; 36"L x 3<sup>3</sup>/<sub>16</sub>"OD x 2<sup>5</sup>/<sub>8</sub>"ID

[ML-41500-60](#) **Lens assembly** to vary the illumination spot. For single and dual light pipes