



FL150 Series

FIBER OPTIC ILLUMINATORS

The Meiji Techno FL150 Series fiber optic illuminators are high intensity cool light illumination systems designed specifically for microscopy. The 150 watt quartz halogen illuminator delivers nearly 40,000 foot-candles of high-intensity cool light illumination. A modern, low profile design and rugged plastic housing keep vibration and noise to a minimum.

FEATURES:

- Intense cool uniform illumination
- Solid state variable intensity control
- Easy access side door for quick lamp changes
- Average lamp life: 200 -10,000 hours
- Annular and dual arm light guides are interchangeable without the use of adapters
- Modern low profile design with recessed handle
- UL listed, CSA and CE approved



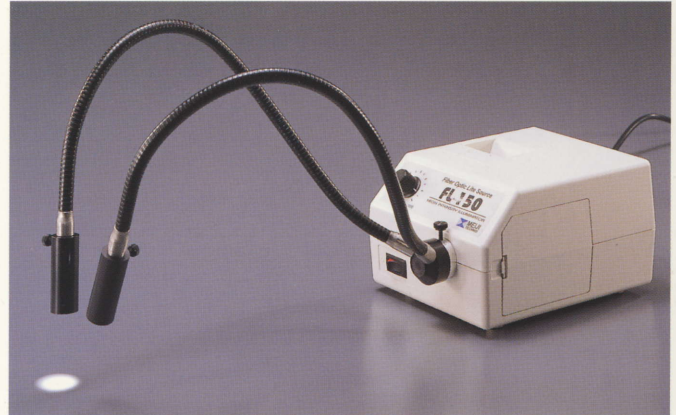


FL150 Series

FIBER OPTIC SYSTEMS

FL151/115 Dual arm fiber optic illumination system - includes: 150 Watt quartz halogen light source with variable intensity control, self-supporting dual arm light guides and 2 focusing lenses. 115VAC 50/60 Hz

FL151/200 Dual arm fiber optic illumination system - includes: 150 Watt quartz halogen light source with variable intensity control, self-supporting dual arm light guides and 2 focusing lenses. 230VAC 50/60 Hz



FL151 Dual Arm Fiber Optic Illumination System

FL152/115 Annular fiber optic illumination system - includes: 150 Watt quartz halogen light source with variable intensity control and 60mm I.D. annular light guide. 115VAC 50/60 Hz

FL152/200 Annular fiber optic illumination system - includes: 150 Watt quartz halogen light source with variable intensity control and 60mm I.D. annular light guide. 230VAC 50/60 Hz



FL152 Annular Fiber Optic Illumination System

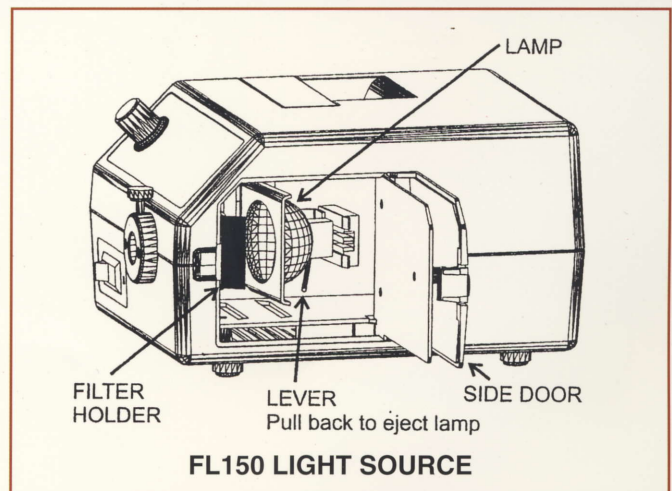
SYSTEM COMPONENTS

FL150/115

Light source for 115VAC, 50/60 Hz operation, halogen lamp 21V 150W, with variable light intensity regulation, maximum color temperature 3,200°K, with AC fan.

FL150/200

Light source for 230VAC, 50/60 Hz operation, halogen lamp 21V 150W, with variable light intensity regulation, maximum color temperature 3,200°K, with AC fan.



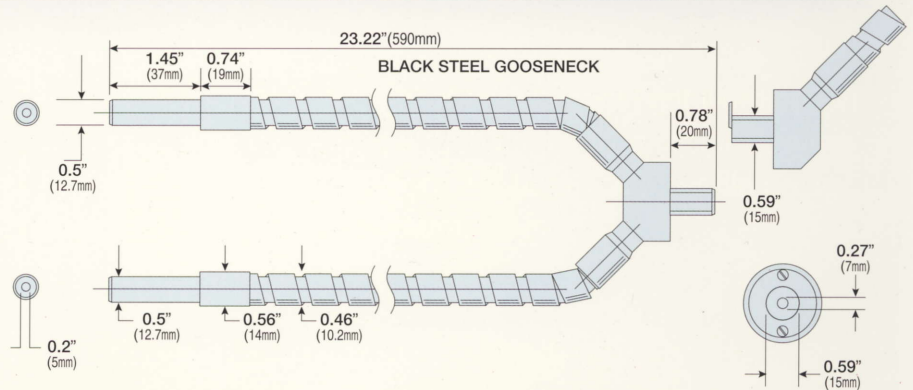
FIBER OPTIC ILLUMINATORS



SYSTEM COMPONENTS

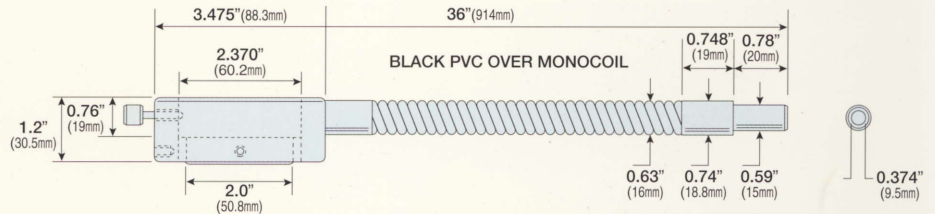
FL150/05

Dual arm flexible light guide (23" self-supporting) each arm with 0.20"(5mm) active fiber optic bundle. (Requires two FL180/50 lenses)



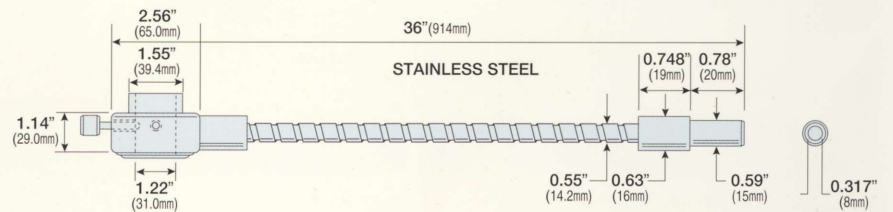
FL150/10

Annular light guide (36" flexible) 2.37"(60.2mm) diameter ring aperture, 0.374"(9.5mm) fiber bundle.



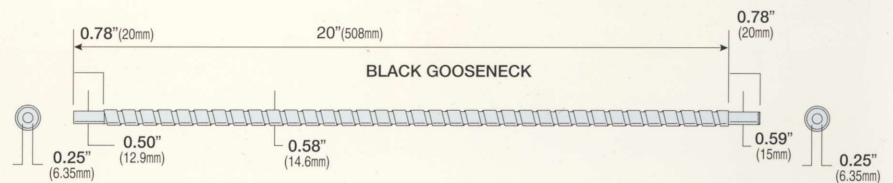
FL150/65/MS22

Mini annular light guide (36" flexible) 1.22"(31.0mm) diameter ring aperture, 0.317"(8.0mm) diameter fiber bundle. For use with MS-3 and MS-50 Macro-zoom lenses.



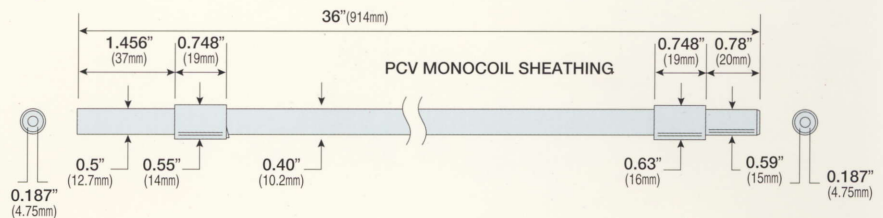
FL150/75

Single arm light guide (20" self-supporting) 0.25"(6.35mm) diameter fiber optic bundle. (Requires one FL180/50 lens)



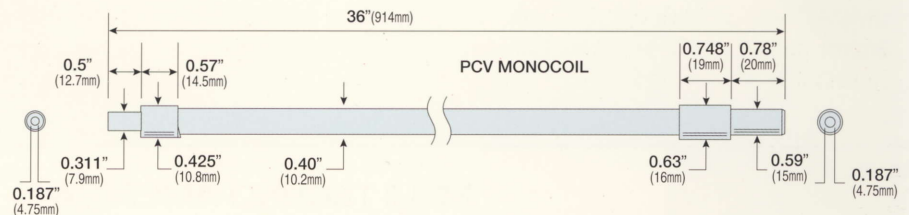
FL150/80

Single arm light guide (36" flexible) 0.187"(4.75mm) diameter fiber optic bundle. For use with MS-21 Unimac and MSL vertical illuminators.



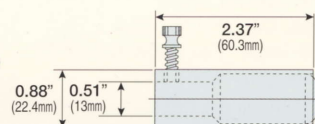
FL150/95

Single arm light guide (36" flexible) 0.187"(4.75mm) diameter fiber optic bundle. For use with VM Series video microscope.



FL180/50

Lens, 28mm focal length. (For use with the FL150/05 and FL150/75)



ACCESSORIES

- FL180/70** Spare bulb, 21V 150W (EKE)
- FL150/85** Polarizer cap (Fits FL180/50 lens)
- FL150/Fuse-A** Fuse 3A, 5x20mm, slow blow (115V)
- FL150/Fuse-B** Fuse 3A, 5x20mm, slow blow (230V)
- FL150/Fuse** Fuse 2.5A, 250V, 3AG slow blow
- MS-22** Adapter to mount FL150/65 on MS-3 or MS-50
- MA553** Adapter with 60mm O.D. to mount FL150/10 on EMT-3, EMTR-3, EMT-4, and EMTR-4 stereo microscope bodies.
- MA553/05** Adapter with 60mm O.D. to mount FL150/10 on EMF-1, EMF-2, EMT-1, EMTR-1, EMT-2 and EMTR-2 stereo microscope bodies.
- MA592** Adapter with 60mm O.D. to mount FL150/10 on EMX-1 stereo microscope body.

SYSTEM CONFIGURATIONS



EMZ-5TR-P with FL152 Annular Fiber Optic Illumination System



RZ Configuration No.1 with FL152 Annular Fiber optic Illumination System



EMZ-8TR-P/MA151/10 with FL152 Annular Fiber Optic Illumination System



SMD-TV-UL using FL151 Dual Arm Fiber Optic Illumination System



UNIMAC MSF-1PL with FL150 Light Source and FL150/65/MS22 Mini Annular Light Guide



UNIMAC MSL-1FL-PL with FL150 Light Source and FL150/80 Single Arm Light Guide



VM-1V with FL150 Light Source and FL150/95 Single Arm Light Guide

Öäðã~çáÁ~K