

# Prizmatix

## Microscope-LED Light Source Series

The new Prizmatix Modular Microscope-LED Light Source products series provides an affordable and expandable solution for fluorescence excitation in upright and inverted fluorescence microscopes. The system offers a choice of one, two or three High Power LEDs and corresponding dichroic beam combiners. The system is based on Prizmatix's OptiBlocks, featuring interchangeable High Power LEDs and beam combiners, as summarized below:

<b>Microscope-LED</b>		
<p>The basic Microscope-LED provides a single wavelength fluorescence excitation. Operated with either the BLCC-01 single-LED current controller or with the TLCC-01 triple-controller for more control options and expandability. This module serves as a building block unit for the Multi-LED system and can be expanded to Multi-LED at any time.</p> <p style="text-align: right;">Microscope-LED with BLCC-01 ►</p>		365nm
		385nm
		390nm
		395nm
		400nm
		405nm
		410nm
<p>An economical solution for setups requiring two excitation wavelengths. This module combines two fixed High Power LEDs into a single beam through a dichroic combiner. Can be operated from two separate BLCC-01 controllers or from a single TLCC-01 controller.</p> <p style="text-align: right;">Microscope-Dual-LED with TLCC-01 ►</p>		415nm
		420nm
		425nm
		430nm
		435nm
		440nm
		445nm
<p>This modular system enables a flexible configurable setup of up to three High Power LEDs combined into a single excitation beam.</p> <p>The Multi-LED system is assembled from several High Power LED (Microscope-LED) and Beam Combiner OptiBlocks modules.</p> <p>The OptiBlocks modules can be easily exchanged simply by loosening a few screws, switching the component and retightening.</p> <p style="text-align: right;">Microscope-Multi-LED with TLCC-01 ►</p>		455nm
		460nm
		470nm
		475nm
		480nm
		500nm
		515nm
530nm		
535nm		
595nm		
630nm		

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