

White Fast-Pulse High Power Illuminator

High-Intensity Illumination for Fast, Fiber-Free Imaging



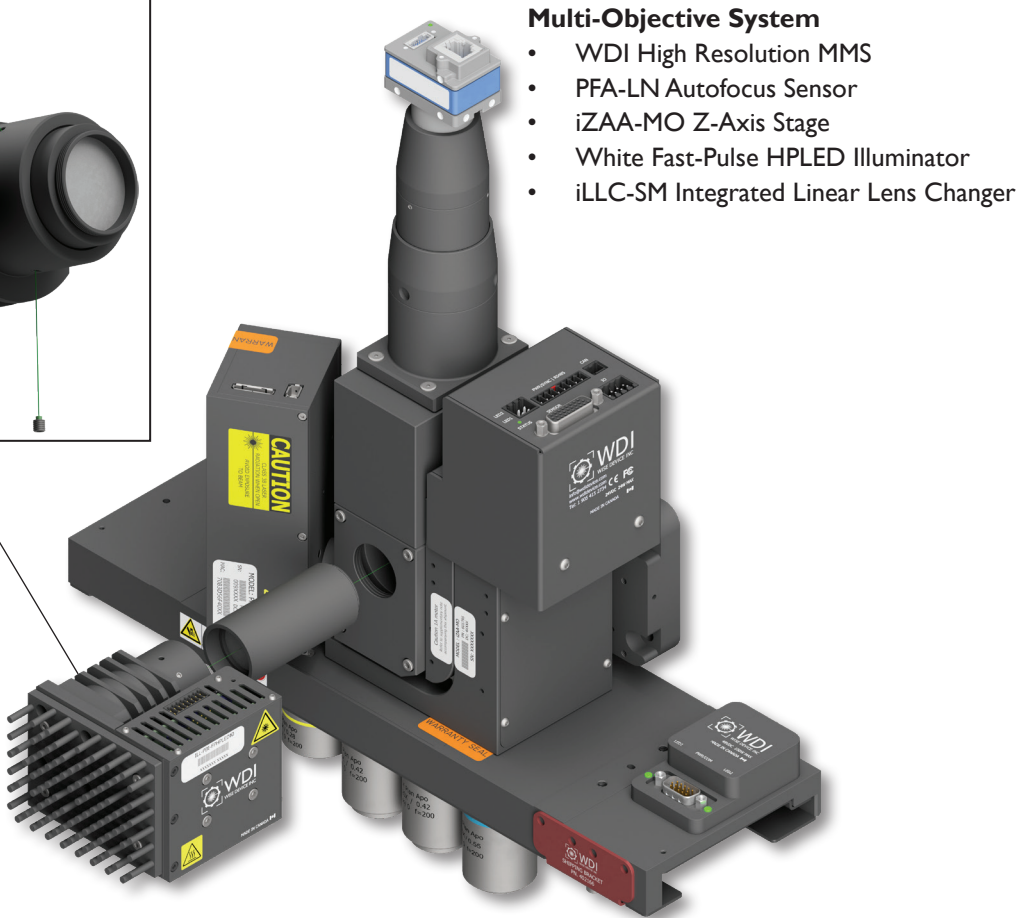
- + One high-power white LED pulsed as short as 1.3 μ s to provide extremely bright white illumination without pronounced pixel smearing for today's fastest area scan cameras enabling fast and continuous motion scanning.
- + Onboard integrated controller and several modes of operation enable configurable synchronization, simplifying integration and supporting many different applications.
- + Adjustable optics allow use of this illuminator in a variety of system configurations with different working distances while ensuring Köhler illumination with exceptional uniformity.

WHITE FPHPLED SPECIFICATIONS

White* FPHPLED Illuminator (ILL-PBI-FPHPLED10)	Parameter	Value
	Max Current (Continuous)	3A
	Max Current (Pulse, Surge)	8A, 10A (Max 0.5% Duty Cycle)
	Minimum Pulse Width	1.3 µs
	Pulse Width Resolution	100 ns
	Camera Trigger Delay Resolution	10 ns
	Working Distance Range	101 mm to 160 mm (default set to 128 mm)
	Compliance	Clean Room Class 1000 (ISO6)



Adjustable Optics



- Multi-Objective System**
- WDI High Resolution MMS
 - PFA-LN Autofocus Sensor
 - iZAA-MO Z-Axis Stage
 - White Fast-Pulse HPLED Illuminator
 - iLLC-SM Integrated Linear Lens Changer

*Other colours available upon request.



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