From Eye to Insight

Leica MICROSYSTEMS

LED1, LED3, LED5, LED8

LED light sources for upright and inverted microscopes



Provided by Coastal Microscopes

Bright, stable and cost-effective illumination

Great imaging starts with a bright, stable and cost-effective way of illuminating your sample. With our new LED series you will find the right light source for your fluorescence application.
Whether it's routine cell culture work, imaging tissue sections or performing advanced imaging experiments, it's time to switch from your old metal-halide lamp to state-of-the-art LED light sources.

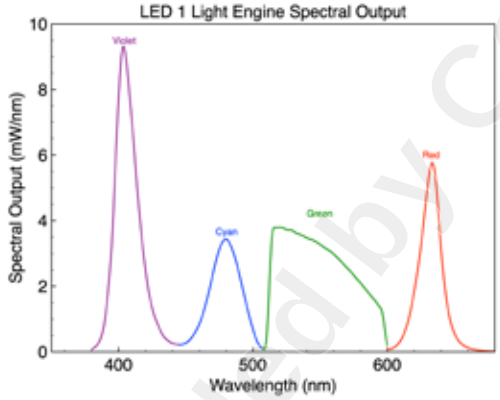
Benefits

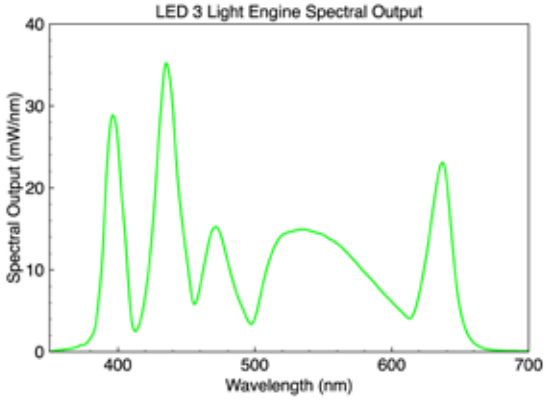
- No service needed thanks to long LED life time
- Work safely with an environmentally friendly mercury-free LED light source
- Better light output stability

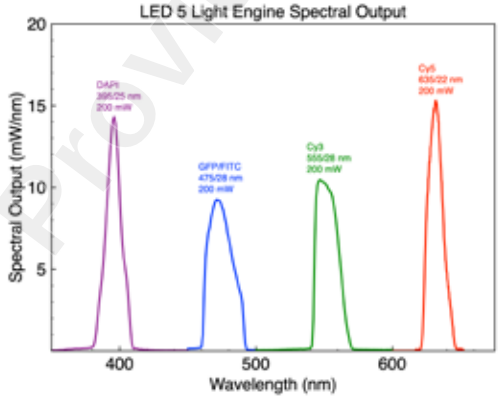
Provided by Coastal Microscopes | coastalmicroscopes.com | sales@coastalmicroscopes.com | (877) 564-2767

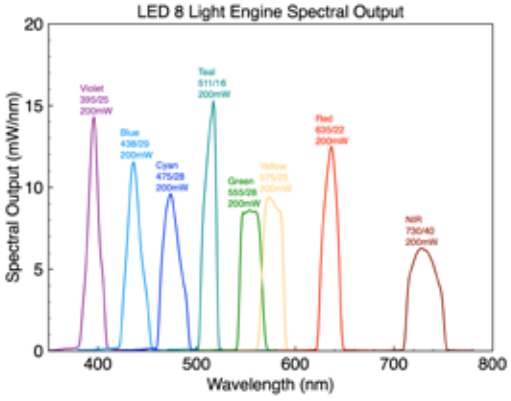
Specifications

	LED1	LED3	LED5	LED8
Sources	4 solid-state sources operating simultaneously to produce white light	5 solid-state sources operating simultaneously to produce white light	4 solid state sources operating independently	8 solid state sources operating independently
Wavelength	White 380-650 nm or 4 lines	White 390-680 nm	390, 480, 555, 630 nm	395, 438, 475, 511, 555, 575, 635, 730 nm
Compatible Filters (examples)	DAPI, FITC, TRITC, Cy5			DAPI, FITC, TRITC, Cy5, mCherry, CFP, YFP, Cy7
Output Power	~600 mW	3 W white light output	~200 mW power per color band	
Light Output		Built-in output adapter for 3 mm diameter LLG with safety interlock		
Light Delivery	Direct Mount	3mm LLG + Collimator		
TTL On/Off	Yes (Gate)		Yes w/SMB	
Serial Command Control	No		Yes	
Control Interface	TTL On/Off, channels and intensity via manual knobs or optionally available USB-connected LED Pod	TTL On/Off	TTL fast source selection, serial (RS232) source selection and intensity control, optionally available USB-connected LED Pod	
Software	–	–	LAS X	
Power Requirements	40 W, (9V DC, 4.45A) power supply included	120 W, (24V DC, 5A) power supply included	220 W (24V DC/9.2A) power supply included	









Provided by Coastal Microscopes

Copyright © by Leica Microsystems CMS GmbH, Wetzlar, Germany, 2019.
Subject to modifications. LEICA and the Leica Logo are registered trademarks of Leica Microsystems IR GmbH.