# MetaLED FL

## LED Light Source for Fluorescence

## Silent LED Light Source for Fluorescence Imaging

*Homogenous Illumination and High Luminous Flux*

The MetaLED FL LED light source offers homogenous illumination and a high luminous flux for fluorescence imaging applications. The LED light source has two LED channels, a white and a UVA385 channel. The intensity of the light source can be seen in the spectral radiant intensity diagram below.
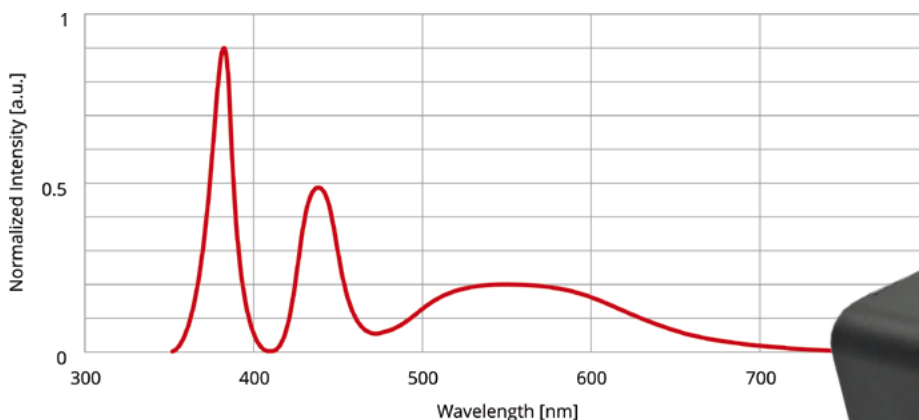
The compact MetaLED FL weighs around 2 kilograms and is mounted directly onto the microscope. An adapter for Zeiss microscopes is included.

The MetaLED FL is the recommended fluorescent light source for imaging systems operated with the Ikaros or Metafer software by MetaSystems.

Some of the advantages of the MetaLED FL for fluorescence imaging are:

- Homogenous illumination,
- High luminous flux (CW up to 800 lm),
- Silent and vibration-free operation,
- Compact design and low weight.



◄ *The diagram on the left shows the spectral radiant distribution of the MetaLED FL light source normalized to 100 % intensity. The X-axis depicts the wavelength in nm and the Y-axis gives the normalized intensity in arbitrary units (a.u.).*

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## Highlights of the Technical Specifications

Order Number . . . . . . . . . . . . . . . . . H-3060-073-AH

Wavelength Range . . . . . . . . . . . . . 360 - 650 nm

Luminous Flux . . . . . . . . . . . . . . . . CW up to 800 lm

Dimensions (W x H x D) . . . . . . . . approx. 110 mm x 150 mm x 160 mm

Weight . . . . . . . . . . . . . . . . . . . . . . approx. 2 kg

Permissible Ambient
Temperature . . . . . . . . . . . . . . . . . 0 to 40 °C

Interface . . . . . . . . . . . . . . . . . . . . USB 2.0 (Type C)

Mains Voltage
for Power Supply . . . . . . 90 to 264 VAC

Mains Frequency . . . . . . . 47 to 63 Hz

Power Consumption
Power Supply Unit . . . . . max. 85 VA

Some hardware components supplied by other manufacturers are not included in MetaSystems IVD products and are therefore not IVD medical devices.

The MetaLED FL light source is manufactured by AHF analysentechnik AG and/or Leistungselektronik JENA GmbH.

## CONTACT US

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