

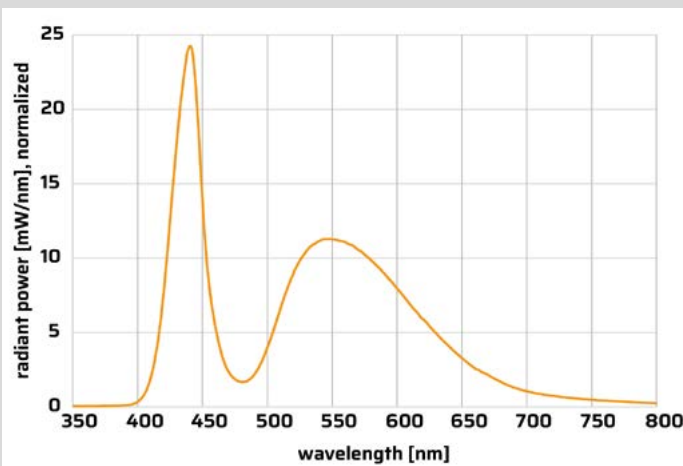
HIGHLY COMPACT, HIGH-PERFORMANCE LED VIS LIGHT SOURCE

luxyr® LED FLUO

Ready to use, triggerable and ideal as a low-cost light source for simple fluorescence applications



Front view of luxyr LED FLUO



Spectrum of the luxyr LED FLUO

The luxyr LED FLUO is a compact and powerful LED light source for VIS applications and simple fluorescence tasks.

Thanks to modern LED technology, the luxyr LED FLUO provides reliable and uniform illumination with minimal maintenance. It enables precise fluorescence observations without unnecessary complexity or high investment costs.

PRODUCT HIGHLIGHTS

- Powerful VIS LED light source
- Suitable for simple fluorescence applications
- Consistent, stable illumination
- Switching via trigger possible

AREAS OF APPLICATION

- Fluorescence microscopy
- Forensic microscopy
- Material microscopy
- Multispectral imaging

CW-Mode

Description	Continuous operation with controllable luminous flux	
Parameter	Ripple of the light	<0.5%

Follow-Mode

Description	Level-controlled operation (TTL) with preconfigured luminous flux	
Parameters*	Rise time (t ₁₀₋₉₀) + Signal runtime	< 10 µs + < 5 µs
	Fall time (t ₉₀₋₁₀) + Signal runtime	<10 µs + < 5 µs

Interfaces

TTL	BNC socket for follow mode
SUPPLY	Plug connector for supply
Optischer Ausgang	Collimation optics with microscope adapter (for Zeiss, Leica, Nikon, Olympus, customised)

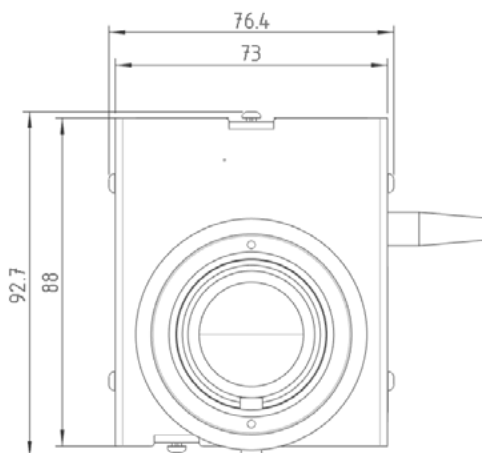
Optical parameters

Integral luminous flux	> 500 lm
Output power	> 1,800 mW

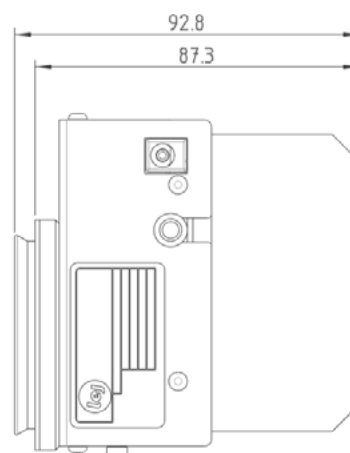
Spezifikation

Power supply supply	12 V _{DC}
Power consumption	Max. 18 VA
Light source dimensions	76 mm x 93 mm x 93 mm (W/H/L)
Weight	Approx. 0.5 kg light source incl. control panel

*maximum brightness



Front view of luxyr LED FLUO (without control panel) | Dimensions in mm



Side view of luxyr LED FLUO (without control panel) | Dimensions in mm

Other

Scope of delivery	Light source with permanently installed control panel, microscope adapter of your choice, operating instructions, power supply unit
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View luxyr LED FLUO with control panel

Errors and omissions excepted. Subject to change without notice in the interest of technical

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