more than light®

PRODUCT DATA SHEET

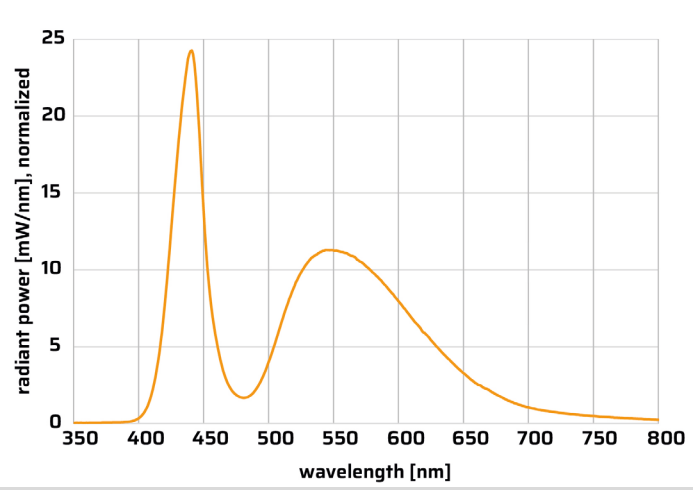
DIRECT-FIT VIS LED FLUORESCENCE LIGHT SOURCE, ENTRY LEVEL

luxyr® LED FLUO

Scan me!



Front view of luxyr LED FLUO



Spectrum of the luxyr LED FLUO

The luxyr LED FLUO is a compact direct-fit entry-level LED light source for simple fluorescence applications across BFP to Cy5.

With over 500 lm (400–650 nm), it provides a powerful solution for microscopy systems. The interchangeable microscope adapter allows flexible integration, while noise- and vibration-free operation ensures stable conditions. It is controlled via the fixed control panel or externally by TTL signal.

PRODUCT HIGHLIGHTS

- 1-channel VIS LED light source for simple fluorescence applications
- 500 lm (400–650 nm), BFP to Cy5
- LED lifetime > 20,000 h, noise- and vibration-free
- with interchangeable microscope adapter & fixed control panel
- externally switchable via TTL signal

AREAS OF APPLICATION

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

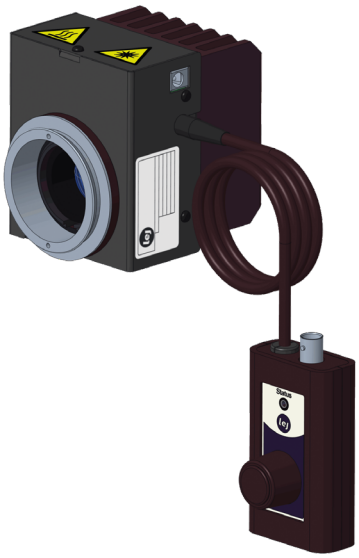
more than light®

luxyr® LED FLUO

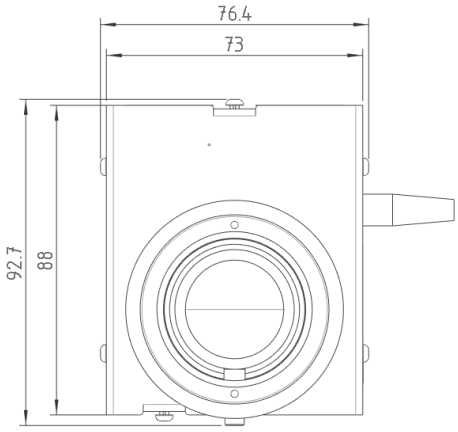
Technical data

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	

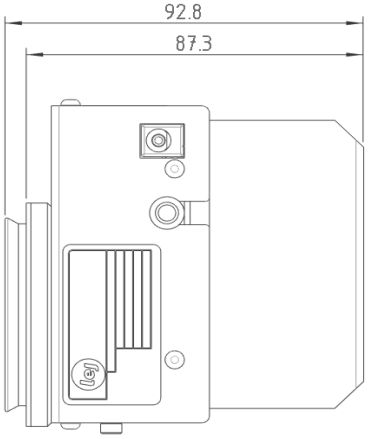
*maximum brightness



View luxyr LED FLUO with control panel



Frontansicht luxyr LED FLUO (ohne Bedienpult) II Abmessungen in mm



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

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

Contact:
Phone: +49 3641 35 30-30 | E-Mail: sales@lej.de
Your Go-To-OEM Partner **www.lej.de**