

HIGHLY COMPACT, HIGH-PERFORMANCE LED VIS LIGHT SOURCE

luxyr® LED NANO



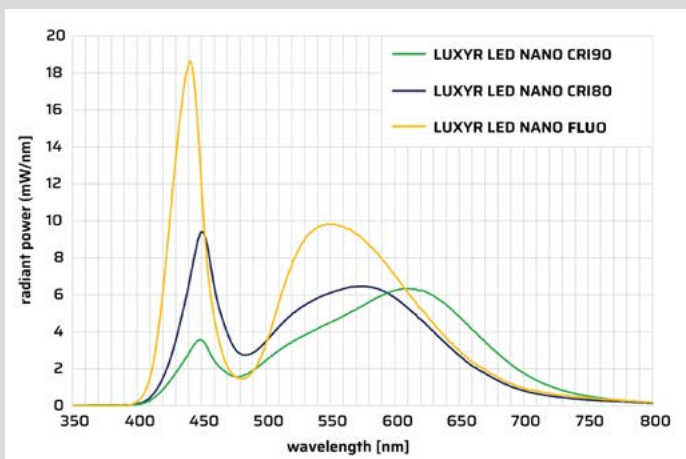
Directly usable, selectable LED type, triggerable, and ideal as a replacement for halogen or cold light sources



Front view luxyr LED NANO

The luxyr LED NANO is a compact and powerful VIS LED light source. Choose between different LED types and configure the Nano for the colour temperature that your application requires.

The LED technology used makes the light source an excellent alternative to classic halogen and short-arc cold light sources, as a very high light intensity is available without generating unwanted heat or entering the microscope.



Spectrum of the luxyr LED NANO variants

PRODUCT HIGHLIGHTS

- Powerful VIS LED light source
- Replacement for halogen light sources
- Microscope control possible
- LED type and thus colour temperature selectable
- Switching via trigger possible

AREAS OF APPLICATION

- Brightfield microscopy
- Darkfield microscopy
- Forensic microscopy
- Material microscopy
- Multispectral imaging

CW-Mode

Description	Continuous operation with controllable luminous flux	
Parameters	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 μ s + < 5 μ s
	Fall time (t_{90-10}) + Signal runtime	<10 μ s + < 5 μ s

Interfaces

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

Specification

Voltage supply	12 V _{DC}
Power recording	Max. 18 VA
Dimensions of light source	77 mm x 93 mm x 74 mm (W/H/L)
Weight	Approx. 0.5 kg light source incl. control panel

Other

Scope of delivery	Light source with control panel, microscope adapter of your choice, operating instructions, power supply unit
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Colour rendering index (CRI)	Colour temperature (CCT)	Integral luminous flux
>90	3000 K	300 lm
>80	4000 K	350 lm
>65	5700 K	450 lm

*Maximum brightness



View of luxyr LED NANO with control panel

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

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