



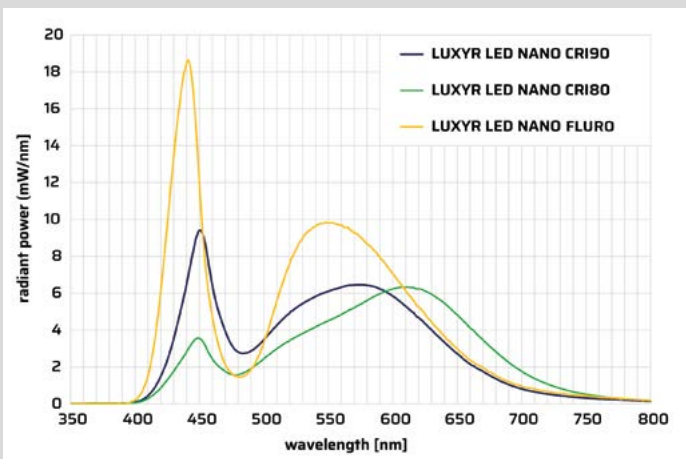
COMPACT VIS-LED LIGHT SOURCE

# luxyr® LED NANO

Broadband high-power LED light source as an equivalent to halogen and short-arc cold light sources



Front view luxyr LED NANO



Spectrum of the luxyr LED NANO variants

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.

## 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

- Bright-field microscopy
- Dark-field microscopy
- Forensic microscopy
- Material microscopy
- Multispectral imaging





more than light®

**luxyr® LED NANO**  
PRELIMINARY | Technical data

**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 $\mu$ s + < 5 $\mu$ s
	Fall time ( $t_{90-10}$ ) + Signal runtime	<10 $\mu$ s + < 5 $\mu$ 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 <sub>DC</sub>
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
-------------------	---

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

