

FLEXILUX 4000

LED Light Source



High durability and the low maintenance make LEDs to the next generation technology even in endoscopy. The FlexiLux 4000 LED is equipped with this technology.

Due to the low power consumption of LEDs the FlexiLux 4000 LED is extremely economical in operation and still much brighter than a conventional 150 W halogen light source. The long lifetime of LEDs avoid time-consuming and expensive bulb exchanges.

By the use of color filters and therefore the adaption of the color temperature, the light can be adjusted to the individual requirements of the application area. Brightness and other operating parameters are shown on the integrated display.

Because of the technical and physical characteristics, the FlexiLux 4000 LED is versatile and allows the use also in confined spaces.

The robust and impact-resistant housing is optimized for the use in an industrial environment. Due to the low heat generation there is no thermal load of the fiberoptics and the environment; the use in a laboratory environment is possible.

KEY FEATURES

- 20 % more light requires over 50 % less consumption of electricity compared to standard 150 W halogen light sources
- The light is neutral white for an optimal color rendering
- Low-maintenance: no time-consuming and expensive bulb exchanges necessary
- Due to its technical and physical characteristics the light source has a wide range of scopes
- Luminance and other operating parameters are shown on the display



You do not find the best product for your application? A lot of customized solutions can be realized individually through small adjustments of our standard products.

Use our consultancy! Call: +49 7666 908-0

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TECHNICAL DATA

DESCRIPTION	ITEM NUMBER
LED light source FlexiLux 4000 LED	FX.4000.LED

FLEXILUX 4000 LED

Operation control panel	ON/OFF, LED brightness control
Outputs	1 x USB, 1 x Jack 2.5 mm, 1 x ESD
Nominal output	65 Watt
Lamps	High Power LEDs
Color temperature	approx. 5,800 Kelvin
Luminance	approx. 470 lm for fiber Ø 5 x 1,000 mm approx. 640 lm for fiber Ø 8 x 1,000 mm
Lamp life	30,000 h (70 % output luminance)
Power connection	100 - 240 V, 12 V DC, 5,420 mA
System	Electromagnetic compatibility: 2004/108/EC, classification: CE
Dimension	170 x 98 x 196 mm (W x H x D) without projecting parts
Weight	2.1 kg

Foot switch is available on request.

COLOR FILTER FOR FLEXILUX 4000 LED

ITEM NUMBER

	red, yellow, green, blue	FXS.FS1
	red	FXS.FF.rot
	yellow	FXS.FF.gelb
	green	FXS.FF.grün
	blue	FXS.FF.blau