

**F5100
ENDO**



HIGH-POWER LED LIGHT SOURCE FOR ENDOSCOPY

FOCUS ON USABILITY

- ▼ 1000 Lumen light output at the light guide
- ▼ Light guide coupling optimized for 5mm active diameter
- ▼ Stroboscope function with trigger input
- ▼ Pulse-width up to 10 μ s
- ▼ Continuous dimming from 1 – 100% (flicker-free)
- ▼ Minimum sound emission due to smart fan regulation
- ▼ Remote control via USB or foot-switch
- ▼ High-contrast OLED Display (dimnable)
- ▼ Robust housing for solid stand
- ▼ Firmware Updates via USB
- ▼ Electronic shutter and programmable presets



HIGH-POWER LED LIGHT SOURCE

Technical Data:

LED	1 High Power LED
Color temperature	6500K
Life time L ₇₀	25.000h
Brightness	1000 Lumen at fiber output Ø 5 x 1000mm
Fiber diameter max.	5mm
Light guide connector	15mm Photonic or upon customer specification
Display	OLED
Light barrier	Automatic shut down when light guide is removed
Rear connections	USB for control via PC 2,5mm jack connection for foot-switch (top: signal, rear: ground) ESD connector, DC connector
Power supply	24V DC wide range power supply 100-240V, 50-60Hz
Power consumption	100 Watt max.
Cooling	Axial fan
Dimensions (WxDxH)	170x205x98mm
Weight	ca. 2kg (without power supply)
Mounting	2xM5 with a distance of 90mm
Operating conditions	10-40°C, max. 80% relative humidity, max. 2000m sea level
Storage and transport	-25°C to +70°C, max. 80% humidity not condensing
Conformity (CE)	EMV guideline 2014/30/EU
Classification EN62471	Risk group 2
Power cord	Original or VDE/HAR with min. 3x0,75mm ² 10A/250V, 1,5m length

Accessories:

PHOTONIC provides the following adapters for the **F5100Endo**.

633-30-102	Adapter F5100 Endo, IT (IT-Concepts)
633-30-103	Adapter F5100 Endo, ACMI
633-30-104	Adapter F5100 Endo, SZ (Storz)
633-30-105	Adapter F5100 Endo, ST (Schott)
633-30-107	Adapter F5100 Endo, ST 9mm (Schott)
633-30-108	Adapter F5100 Endo, O (Olympus)

Other adapters available upon request.

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