PHOTONIC
you will see

F5100

HIGH-POWER LED LIGHT SOURCE FOR MICROSCOPY

FOCUS ON USABILITY

- 1400 Lumen light output at the light guide
- Light guide coupling optimized for 8mm active diameter
- Continuous dimming from 1 – 100 % (flicker-free)
- Minimum sound emission due to smart fan regulation
- Controllable via USB
- High-contrast OLED Display (dimmable)
- Filter slot and comprehensive Photonic accessories
- Robust housing for solid stand
- Firmeware Updates via USB
- Stroboscope function with trigger input
- Electronic shutter and programmable presets

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HIGH-POWER LED LIGHT SOURCE

Technical Data:

LED	1 High Power LED
Color temperature	6500K
Life time L_{70}	25.000h
Brightness	1400 Lumen at fiber output Ø 8 x 1000mm
Fiber diameter max.	9mm
Light guide connector	15mm Photonic
Display	OLED
Light barrier	Automatic shut down when light guide is removed
Rear connections	USB for control via PC 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. 3,4kg (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. 3x0,75mm² 10A/250V, 1,5m length

Accessories:

For further information about our additional equipment please take a look at our accessories datasheet.

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