



LED BACKLIGHT

NEW LED BACKLIGHT ILLUMINATION
FOR STEREOMICROSCOPY

HOMOGENOUS DAYLIGHT QUALITY ILLUMINATION

The new universal LED-Backlight for stereomicroscopes.

The illumination system consists of:

- ▶ Switching power supply*
- ▶ Control unit*
- ▶ LED-Backlight*

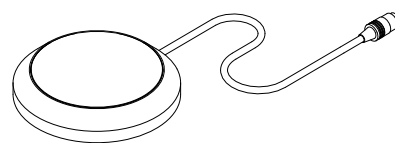


This transmitted light illuminator can be positioned on the work surface of a stereomicroscope and features exceptionally uniform daylight-quality illumination, long-life LEDs and compact design.

The brightness of the transmitted light can be infinitely regulated using the control unit.

Further advantages of this illumination system:

- ▶ Colour temperature 5,000 K (daylight!)
- ▶ Ripple and flicker free
- ▶ Quiet vibration-free operation
- ▶ Extremely compact design
- ▶ Battery operation possible



TECHNICAL DATA

LED-BACKLIGHT 619-20-032

Diodes	20 LED white
Colour temperature	5,000 K
Carrier plate	PVC black, Ø 120 x 24.5 mm
Object holder	compound glass, Ø 95 mm
Illuminated surface	Ø 55 mm
Overall height	22.5 mm

CONTROL UNIT 619-30-001

Supply	24V DC +/- 5 %, hollow plug 5.5 x 2.1 mm, 250 mA
Connectors for backlight	2 x 9-pin miniature DIN socket
Dimensions	95.5 x 64 x 28.5 mm
ON/OFF Switch:	
Potentiometer wheel	3–30 mA, with index holes
Mark of conformity	CE

POWER SUPPLY ENSS-15.001

Plug connector	3-pin IEC 320
Voltage range	100–240 V AC
Mains frequency	50/60 Hz
Power rating max.	15 VA
Protection class	I
Mark of conformity	CE, UL, CSA

Subject to change without notice. 802403

*can be combined with the Photonic LED illumination system

PHOTONIC
OPTICS

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