

# Cold light source

## 150 W halogen or 30 W PowerLED

### HIGHLIGHTS

- Professional cold light source
- For Materials Science en stereo microscopy
- 150 W Halogen or 30 W PowerLED versions
- Built-in forced air cooling
- Various accessories
- 2 years warranty



LE.5211-LED/LE.5211 + LE.5214 +2x LE.5222 + 2x LE.5224 ●

### TECHNICAL SPECIFICATIONS

- Multifunctional cold light sources without fibre light conductor
- The high luminous flux and special features are ideal for the advanced requirements in Life and Materials Sciences, various industrial applications and for stereomicroscopy
- A large range of fibre optics, adapters and accessories are available

### ILLUMINATION

- The LE.5211 is equipped with a 150 W halogen lamp, color temperature 3100 K
- The LE.5211-LED is equipped with a 30 W PowerLED (brightness equivalent to 120 W halogen), color temperature 6500 K
- The LED versions do not require bulb changing, have longer life time, low energy consumption and produce a white light (daylight)
- No color temperature shifting when dimming (for LED models)

### MODELS

Product numbers	LE.5211-100, LE.5211-240 or LE.5211-250	LE.5211-LED
Power	150 W halogen	30 W PowerLED (equivalent to 120 W halogen)
Color temperature	3,000 K	6,500 K
Operating voltage	100/110 or 230/240 or 250V AC / 12 V DC (50/60 Hz versions)	100/110 or 230/240 or 250V AC / 12 V DC (50/60 Hz versions)
Dimensions	(h) 150 x (w) 150 x (d) 230 mm	(h) 150 x (w) 150 x (d) 230 mm
Weight	3.9 kg	2.8 kg

### ACCESSORIES AND SPARE PARTS

#### FIBER LIGHT CONDUCTOR

Gooseneck self-sustaining glass fibre light conductor.

Emission angle 65°, with black metal jacket

- LE.5213** Single arm fiber light conductor, Gooseneck self-sustaining, 50 cm long, Ø 4 mm
- LE.5214** Dual arm fiber light conductor, Gooseneck self-sustaining, 50 cm long, Ø 4 mm
- LE.5215** Triple arm fiber light conductor, Gooseneck self-sustaining, 50 cm long, Ø 4 mm
- LE.5219** Dual arm fiber light conductor, Gooseneck self-sustaining, 70 cm long, Ø 4 mm

Flexible glass fibre light conductor with black PVC jacket. Emission angle 65°

- LE.5216** Single arm flexible fiber light conductor, 100 cm long, Ø 4 mm
- LE.5235** Dual arm flexible fiber light conductor, 100 cm long, Ø 4 mm
- LE.5235-3** Dual arm flexible fiber light conductor, 300 cm long, Ø 4 mm
- LE.5217** Triple arm flexible fiber light conductor, 100 cm long, Ø 4 mm
- LE.5218** Single arm flexible fiber light conductor, 100 cm long, Ø 8 mm
- LE.5220** Single arm flexible fiber light conductor, 200 cm long, Ø 8 mm
- LE.5239** Slit ring-shaped fiber light conductor 60 cm long, Ø 8 mm
- LE.5240** Slit ring shaped fiber light conductor 100 cm long, Ø 8 mm
- LE.5241** Flexible fiber light conductor, curved 90°, 60 cm long, Ø 4 mm

## ACCESSORIES AND SPARE PARTS

### Accessories for glass fibre light guides

- LE.5222** Focusing head for focusing lens LE.5224, LE.5228 or filters LE.5229 and LE.523 (for fiber light conductors)
- LE.5224** Focusing lens. Requires LE.5222 or LE.5228 for mounting on LE.5213, LE.5214 and LE.5215
- LE.5228** Focusing head with iris diaphragm (for fiber light conductors)
- LE.5229** Polarization filter
- LE.5231** Conversion KB12/80B filter

### ADAPTER MOUNTS

- AE.5237** Ring adapter with 2 adjustable clamps for LE.5217 and LE.5235. (for Z series (except ZE.1659))
- AE.5238** 2 Adjustable clamps for LE.5217 and LE.5235. To be mounted on stereo head holders. Only available in combination with the purchase of a microscope
- AE.5251** Adapter for light guide LE.5216 and LE.5217. To be used with ST.1715 and ST.1720 stands or with ST.1792, ST.1794 or ST.1798 stereo head holders

- AE.5247** Adapter for LE.5239, LE.5240, LE.1970 and LE.1971. To be mounted on 1x/2x and 1x/3x stereo heads when no additional lenses are used. (When using additional lenses please contact Euromex)
- AE.5248** Adapter for LE.5239, LE.5240, LE.1970 and LE.1971. To be mounted on 2x/4x stereo heads when no additional lenses are used. (When using additional lenses please contact Euromex)

### HALOGEN BULBS AND FUSES

- SL.5235** Halogen 150 W 15 V bulb (50 hrs nominal), MR16 fits LE.5211
- SL.5240** Halogen 150 W 15 V 'Long Life' bulb (500 hrs nominal)
- AE.5227** Spare fuses 1A/250 V, 10 pieces