

# ELE-5211 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



### 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 ELE-5211 is equipped with a 150 W halogen lamp, color temperature 3100 K
- The ELE-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

<b>Product numbers</b>	ELE-5211-100, ELE-5211-240 or ELE-5211-250	ELE-5211-LED
<b>Power</b>	150 W halogen	30 W PowerLED (equivalent to 120 W halogen)
<b>Color temperature</b>	3,000 K	6,500 K
<b>Operating voltage</b>	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)
<b>Dimensions</b>	(h) 150 x (w) 150 x (d) 230 mm	(h) 150 x (w) 150 x (d) 230 mm
<b>Weight</b>	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

- ELE-5213** Single arm fiber light conductor, Gooseneck self-sustaining, 50 cm long, Ø 4 mm
- ELE-5214** Dual arm fiber light conductor, Gooseneck self-sustaining, 50 cm long, Ø 4 mm
- ELE-5215** Triple arm fiber light conductor, Gooseneck self-sustaining, 50 cm long, Ø 4 mm
- ELE-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°

- ELE-5216** Single arm flexible fiber light conductor, 100 cm long, Ø 4 mm
- ELE-5235** Dual arm flexible fiber light conductor, 100 cm long, Ø 4 mm
- ELE-5217** Triple arm flexible fiber light conductor, 100 cm long, Ø 4 mm
- ELE-5218** Single arm flexible fiber light conductor, 100 cm long, Ø 8 mm
- ELE-5220** Single arm flexible fiber light conductor, 200 cm long, Ø 8 mm
- ELE-5241** Flexible fiber light conductor, curved 90°, 60 cm long, Ø 4 mm

## ACCESSORIES AND SPARE PARTS

### Accessories for glass fibre light guides

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

### ADAPTER MOUNTS

- EAE-5237** Ring adapter with 2 adjustable clamps for ELE-5217 and ELE-5235.  
(for Z series (except ZE.1659)
- EAE-5238** 2 Adjustable clamps for ELE-5217 and ELE-5235. To be mounted on stereo head holders. Only available in combination with

the purchase of a microscope

- EAE-5251** Adapter for light guide ELE-5216 and ELE-5217. To be used with ST.1715 and ST.1720 stands or with ST.1792, ST.1794 or ST.1798 stereo head holders
- EAE-5247** Adapter for ELE-1970 and ELE-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)
- EAE-5248** Adapter for ELE-1970 and ELE-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

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