

Cold light source illumination

150 W halogen or 30 W PowerLED

LE.5211 / LE.5211-LED

HIGHLIGHTS

- Professional cold light source sources
- For Life and Materials Science
- Halogen 150 W version or 30 W PowerLED
- Built-in forced air cooling
- Various accessories
- Without fibre optic



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
- 110 and 230 V mains versions available
- 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 light source version do not require bulb changing, have longer life time, low energy consumption and produce a white light (daylight)
- No color temperature shifting when dimming

MODELS

| Power | 150 W halogen | 30 W PowerLED (equivalent to 120 W halogen) |
|-------------------|-----------------------------------|---|
| Color temperature | 3,000 K | 6,500 K |
| Operating voltage | 100-240 V AC / 12 V DC (50/60 Hz) | 00-240 V AC / 12 V DC (50/60 Hz) |
| Dimensions | (h) 150 x (w) 150 x (d) 230 mm | (h) 150 x (w) 150 x (d) 230 mm |
| Weight | 2.8 kg | 3.9 kg |
| Product number | LE.5211 | LE.5211-LED |

ACCESSORIES AND SPARE PARTS

FIBER LIGHT CONDUCTOR

Gooseneck self-sustaining glass fibre light guides.

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 guides 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.5223, LE.5229 and LE.523 (*for fiber light conductors*)
- LE.5223** Set of 3 color filters (red, blue, green).
Suitable for LE.5222 and LE.5228
- 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.5208** Halogen 20 W 12 V bulb with reflector
(3,000 hrs nominal), GU4 fits LE.5209
- SL.5219** Halogen 100 W 12 V bulb with reflector
(50 hrs nominal), MR16 fits LE.5210
- SL.5230** Halogen 100 W 12 V 'Long Life' bulb
(1,000 hrs nominal), MR16 fits LE.5210
- 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), MR16 fits LE.5211
- AE.5227** Spare fuses 1A/250 V, 10 pieces