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 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

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

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.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

**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

**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