# Cold light source

100 W halogen

## HIGHLIGHTS
- Multifunctional cold light source
- For materials science and stereo microscopy
- Halogen 100 W version
- Built-in forced air cooling
- Various accessories
- 2 years warranty

## TECHNICAL SPECIFICATIONS
- This popular multifunctional cold light source contains a 100 W halogen light source
- The intensity is adjustable and it has built-in forced air cooling
- The LE.5210 light source requires a light fiber conductor.
  - Single, double, triple self-sustaining and flexible versions available
- Ideal for all kinds of applications in life- and materials sciences, various industrial applications and for stereo microscopy

### MODEL

<table>
<thead>
<tr>
<th>Power</th>
<th>100 W halogen</th>
</tr>
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<tbody>
<tr>
<td>Luminous flux</td>
<td>20,000 lux max. *</td>
</tr>
<tr>
<td>Color temperature</td>
<td>3,000 K</td>
</tr>
<tr>
<td>Operating voltage</td>
<td>100/110 or 230/240 or 250 V AC/12 V DC (50/60 Hz) versions</td>
</tr>
<tr>
<td>Dimensions</td>
<td>(h) 115 x (w) 320 x (d) 215 mm</td>
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<tr>
<td>Weight</td>
<td>3.8 kg</td>
</tr>
<tr>
<td>Product Number</td>
<td>LE.5210-100, LE.5210-240, LE.5210-250</td>
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</tbody>
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* with LE.5214 dual arm light conductor

## ACCESSORIES AND SPARE PARTS

### FIBER LIGHT CONDUCTORS

- **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°

<table>
<thead>
<tr>
<th>LIGHT SOURCES</th>
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<tbody>
<tr>
<td>LE.5216</td>
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<tr>
<td>LE.5235</td>
</tr>
<tr>
<td>LE.5235-3</td>
</tr>
<tr>
<td>LE.5217</td>
</tr>
<tr>
<td>LE.5218</td>
</tr>
<tr>
<td>LE.5220</td>
</tr>
<tr>
<td>LE.5239</td>
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<tr>
<td>LE.5240</td>
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<tr>
<td>LE.5241</td>
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</table>

**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.528 |
| 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.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 |
| AE.5227 | Spare fuses 1A/250 V, 10 pieces |