

Signalling Light SAM and SAM-LED

Optical signalling device
for danger zones

- ▶ Protection degree IP 54
- ▶ SAM with 60 Watt VAL lamp
- ▶ SAM-LED with energy-saving LED modules



Application

The signalling light is used to regulate traffic in danger zones like, for example, gateways, parking lots or track systems. It is also used in filling plants and as status indicators for machines.

Design

The housing, front plates and sun-screens are made of high-grade, highly UV-resistant plastic. The dispersion lenses are sealed against dust and water with a heat and cold-resistant neoprene rubber gasket. The lamp consists of a VAL 60 Watt traffic signalling bulb (SAM). Or an energy-saving LED module (SAM-LED).

Traffic control in an open-pit mine

The dispersion lenses are sealed against dust and water with a heat and cold-resistant neoprene rubber gasket.



Technical specifications

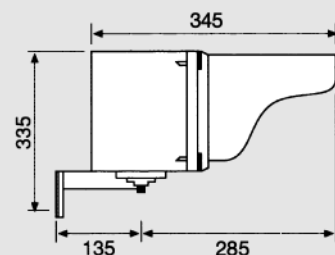
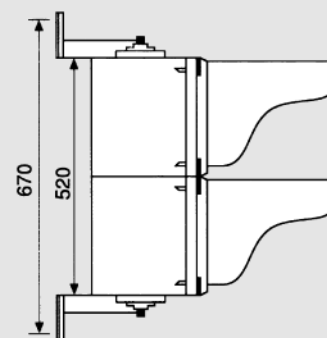
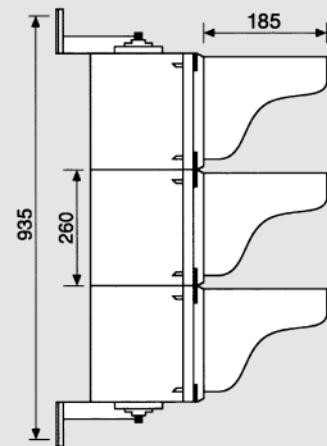
| | |
|---------------------|--|
| Housing | UV-resistant plastic |
| Colour | Light grey |
| Front plate | UV-resistant plastic |
| Colour | Black |
| Protection degree | IP 54 (IEC 529) |
| Light source | VAL 60 Watt, 230 V (SAM) LED module (SAM-LED) |
| Dispersion lens | 200 mm Ø |
| Temperature range | -20 °C to + 60 °C |
| Weight | 1-element 2.0 kg 2-element 3.2 kg 3-element 4.7 kg |

Current consumption SAM-LED

| | red | yellow | green |
|-------|--------|--------|--------|
| 230 V | 60 mA | 60 mA | 70 mA |
| 24 V | 150 mA | 150 mA | 275 mA |

Note on the SAM:

Through exchanging the VAL 60 W, 230 V bulb for an E 27, 24V bulb, the traffic lights can also be used at a supply voltage of 24 VDC.



Note:

Versions with dispersion lenses 100 or 300 mm in diameter and other dispersion lens colours and symbols available on request.

Order information

| Type | Name | Version | Rated voltage V | Article no. |
|---------|------------------|--|-----------------|-------------|
| SAM | Signalling Light | 1-element with red dispersion lens | 230 VAC | 221 313 01 |
| SAM | Signalling Light | 2-element with red and green dispersion lenses | 230 VAC | 221 314 01 |
| SAM | Signalling Light | 3-element with red, yellow and green dispersion lenses | 230 VAC | 221 315 01 |
| SAM-LED | Signalling Light | 1-element with red dispersion lens | 230 VAC | 221 413 010 |
| SAM-LED | Signalling Light | 2-element with red and green dispersion lenses | 230 VAC | 221 414 010 |
| SAM-LED | Signalling Light | 3-element with red, yellow and green dispersion lenses | 230 VAC | 221 415 010 |
| SAM-LED | Signalling Light | 1-element with red dispersion lens | 24 VDC | 221 513 010 |
| SAM-LED | Signalling Light | 2-element with red and green dispersion lenses | 24 VDC | 221 514 010 |
| SAM-LED | Signalling Light | 3-element with red, yellow and green dispersion lenses | 24 VDC | 221 515 010 |

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