

# LED



## Mini Signalling Traffic Light MSAM

**Signalling traffic light in small,  
compact housing**

- ▶ Simple installation
- ▶ Spacesaving
- ▶ Two sizes (Ø 100 mm, Ø 140 mm)
- ▶ Incandescent light or LED versions
- ▶ LED technology with high life expectancy
- ▶ Combinations possible
- ▶ Integrated sun screen

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### Application

The MSAM can be put to use wherever unambiguous signalling is necessary. Entries of parking houses and underground car parks, but also industrial use, e.g. in filling systems, are among the classic applications. All these applications require a really space-saving installation and the possibility of combining horizontal and vertical units. The integrated sun screen even allows for outdoor use, in direct sunlight.

### Design

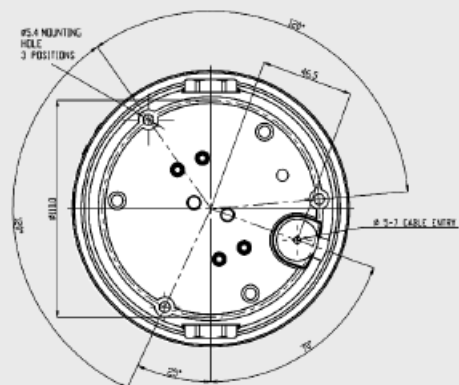
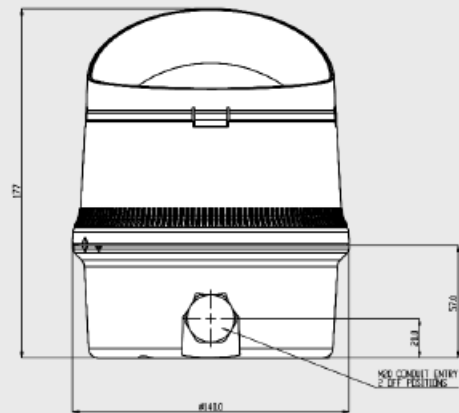
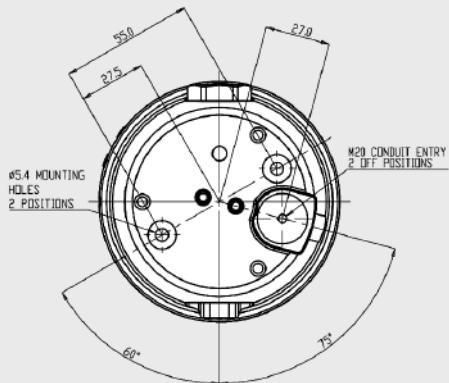
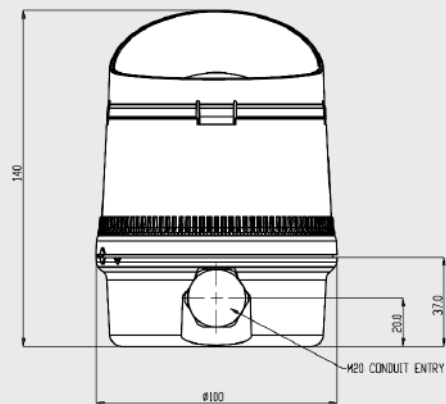
The housing is manufactured from an impact-resistant polycarbonate (PC, UL 49 VO f1). By means of a swan socket, which is secured by a screw, the upper part can be detached from the lower part. The lower parts are equipped with 5 – 7 mm cable glands, as well as a cable gland M 20 (MSAM 140, 2 x M 20) on the side. Due to the simple design, the individual housings can be combined in horizontal and vertical positions. The incandescent light versions are equipped with coloured prism lenses, whereas the LED versions use a clear lens with colours provided by the LEDs.

### Mini Signalling Traffic Light

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## Technical Specifications

Housing Material	Polycarbonate (PC), UL 49 VO f1
Colour	grey
Cable entry	1 x 5 – 7 mm cable duct 1 x M 20 cable gland (MSAM 100), 2 x M 20 cable gland (MSAM 140)
Power cable cross section	MSAM 100 2 x 1.5 sqmm, MSAM 140 2 x 2.5 sqmm
Degree of protection	IP 65 acc. to IEC 60529
Luminaire	depending on version Lightbulb E14 (15 W) or E27 (25 W), LED
Temperature range	-25°C to +50°C
Weight	MSAM 100 0.23 kg MSAM 140 0.41 kg



## Order information

Type	Version	Colour	Rated voltage	Rated current (A) Power consumption (W)	Product No.
MSAM 100	E 14, 15 watts	red	230 VAC	15 W	22111102
MSAM 100	E 14, 15 watts	yellow	230 VAC	15 W	22111103
MSAM 100	E 14, 15 watts	green	230 VAC	15 W	22111104
MSAM 100	E 14, 15 watts	red	24 VDC	15 W	22111202
MSAM 100	E 14, 15 watts	yellow	24 VDC	15 W	22111203
MSAM 100	E 14, 15 watts	green	24 VDC	15 W	22111204
MSAM 100	LED operation	red	230 VAC (90 – 253 V)	10 – 40 mA	22111302
MSAM 100	LED operation	yellow	230 VAC (90 – 253 V)	10 – 40 mA	22111303
MSAM 100	LED operation	green	230 VAC (90 – 253 V)	10 – 40 mA	22111304
MSAM 100	LED operation	red	24 VDC (10 – 30 V)	140 mA	22111402
MSAM 100	LED operation	yellow	24 VDC (10 – 30 V)	140 mA	22111403
MSAM 100	LED operation	green	24 VDC (10 – 30 V)	140 mA	22111404
MSAM 140	E 27, 25 watts	red	230 VAC	25 W	22111502
MSAM 140	E 27, 25 watts	yellow	230 VAC	25 W	22111503
MSAM 140	E 27, 25 watts	green	230 VAC	25 W	22111504
MSAM 140	E 27, 25 watts	red	24 VDC	25 W	22111602
MSAM 140	E 27, 25 watts	yellow	24 VDC	25 W	22111603
MSAM 140	E 27, 25 watts	green	24 VDC	25 W	22111604
MSAM 140	LED operation	red	230 VAC (90 – 253 V)	15 – 40 mA	22111702
MSAM 140	LED operation	yellow	230 VAC (90 – 253 V)	15 – 40 mA	22111703
MSAM 140	LED operation	green	230 VAC (90 – 253 V)	15 – 40 mA	22111704
MSAM 140	LED operation	red	24 VDC (10 – 30 V)	175 mA	22111802
MSAM 140	LED operation	yellow	24 VDC (10 – 30 V)	175 mA	22111803
MSAM 140	LED operation	green	24 VDC (10 – 30 V)	175 mA	22111804
<b>Optional extra</b>					
MB100/1	bracket	1 unit for 100 mm			22111199
MB100/2	bracket	> 1 unit for 100 mm			22111299
MB140/1	bracket	1 unit for 140 mm			22111399
MB140/2	bracket	< 1 unit for 140 mm			22111499

Subject to change without notice · Printout 12/10

