



PC	-30 +50 °C	IP66	ON	CLASS 2	SELF EXTINGUISHING
LED SMD	OPALINE	FRESNEL	FPM 1F 150 +/-10	3 LEVELS ALARM	

CAN BE INSTALLED WITH



See Base Section on page 28

	SHALLOW	DEEP	WALL
12/24V ACDC	✓	✓	✓
PNP 12/24V DC	X	X	✓
40/80V ACDC	X	✓	✓
120/240V AC	X	✓	✓
JR 120/240V AC	X	✓	X
	FLUSH	DOUBLE	POLE

CERTIFICATIONS



XLF RGA | PART NO

PROXIMITY — 90507
DIRECTIONAL — 90847

XLF RGA

Multicolor LED beacon engineered to satisfy the most demanding applications. Developed with a multichannel technology, XLF RGA allows three different colors (red, green, amber) controllable via independent electric contacts making this device the perfect choice for most applications.

Available with Proximity and Directional lenses, XLF RGA is the ideal choice for a high-end signaling device.

PROXIMITY
Opaline lens for near signalization

DIRECTIONAL
Fresnel lens for long-distance signalization

TECHNICAL SPECIFICATIONS

MULTIFUNCTION

3 separate functions (green, amber, red) controllable via independent electric contacts. Each channel allows 2 light effects (steady and flashing) controllable via dip-switch

HIGH OPTICAL PERFORMANCE

CHANNEL 1 | GREEN

The standard in signaling to indicate "all clear" or "normal operating circumstances"

CHANNEL 2 | AMBER

The standard for indicating a change of operating circumstances or warning of a potential danger

CHANNEL 3 | RED

The standard for indicating a stop of the operating circumstances or a real danger

VOLTAGES

According to the installed base

PROTECTION GRADE

IP66, UL TYPE 4X, suitable for outdoor applications

OPERATING TEMPERATURE

-30/+50 °C

LED TECHNOLOGY

Virtually zero maintenance thanks to the built-in LED technology that guarantees up to 100.000* hours of product life

*At normal conditions, without vibrations and heavy temperature changes

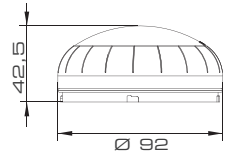
MECHANICAL FEATURES

Self extinguishing PC body with high impact resistance, suitable for outdoor use thanks to the IP66/TYPER 4X protection grade

OPTICAL FEATURES

1 x SuperBright Multicolor LED

DRAWINGS, DIMENSIONS AND WEIGHTS



MLINE

One concept | Endless solutions

FA RANGE

APPROVED FIRE ALARM BEACONS AND SOUNDERS

When safety is a priority, making sure the most appropriate signaling devices are used, becomes a job of responsibility. The **MLINE** FA (Fire Alarm) range has been developed to do just this: deliver end-users with high-quality EN54 approved signaling devices. Our range of sounders (SIR-E FA), beacons (SLR FA, XLF FA) and beacon/sounders (SIR-E LED FA) have been granted EN54-3/EN54-23 approval. The certified tones have been selected to satisfy the most demanding customers. The certified beacons have been engineered with a flashing pattern optimized for fire alarm applications enhancing visibility even under the most critical conditions.

The FA range can furthermore be installed with the specially crafted flush mounting base, delivering a very discrete package, yet without compromising on performance.

The EN54 fire detection and fire alarm systems is a mandatory standard that specifies requirements and laboratory test for every component of **fire detection and fire alarm system** and it allows the free movement of construction products between countries of the **European Union** market.

It was developed and approved by **European Committee for Standardization**.

This standard is widely recognized around the world for several countries outside of **European Union**. It is recognized in Latin American countries, Brasil, African and Asian countries and several islands in the Pacific Ocean.

SIR-E LED FA
EN 54-3
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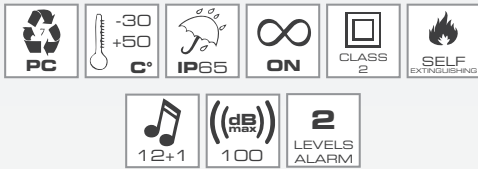


According to the Construction Product Directive (CPD) 89/106/CE, it is mandatory that Fire Detection and Fire Alarm equipments are certified under EN54 Standard by an authorized Certification Body.





> 100 dB <
> EN54-3 APPROVED <
> 2 LEVELS OF ALARM <



CAN BE INSTALLED WITH



See Base Section on page 28

	SHALLOW		DEEP		WALL	
12/24V ACDC	✓	✓	✓	✓	✓	✓
PNP 12/24V DC	✗	✗	✓	✓	✓	✓
	FLUSH		DOUBLE		POLE	

CERTIFICATIONS



SIR-E FA | PART NO

SIR-E FA — 90378 90377

SIR-E FA

EN54-3 approved multifunctional electronic sounder with excellent acoustic performance. Developed with a multichannel technology, the FA range allows two levels of alarm powered by 13 EN54-3 approved tones. SIR-E FA allows 12 pre-alarm tones available on the 1st channel (selectable via a dip-switch) and 1 alarm steady tone (PFEER TOXIC GAS) on the 2nd channel.

TECHNICAL SPECIFICATIONS

MULTIFUNCTION

2 levels of alarm (pre-alarm, alarm) controllable via independent electric contacts

HIGH ACOUSTIC PERFORMANCE

CHANNEL 1 | PRE-ALARM

A powerful electronic tone of up to 100 dB ideal for signaling an imminent danger of a change to the standard conditions (12 EN54-3 approved tones selectable via dip-switch)

CHANNEL 2 | ALARM

A powerful electronic tone of up to 100 dB ideal for signaling a permanent danger or change to the standard conditions (1 EN54-3 approved tone: PFEER TOXIC GAS)

MULTITONE

13 EN54-3 approved tones

VOLTAGES

Must be used with LT 12/24V base

PROTECTION GRADE

IP65, suitable for outdoor applications

OPERATING TEMPERATURE

-30/+50 °C

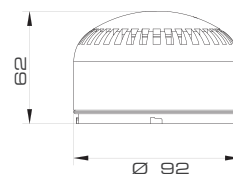
MECHANICAL FEATURES

Self extinguishing PC body with high impact resistance, suitable for outdoor use thanks to the IP65 protection grade

ACOUSTIC FEATURES

High performance electromagnetic buzzer

DRAWINGS, DIMENSIONS AND WEIGHTS



SIR-E LED FA



■ □
> 100 dB <
> EN54-3 APPROVED <
> 2 LEVELS OF ALARM <

PC	-30 +50 °C	IP65	ON	CLASS 2	SELF EXTINGUISHING
LED SMD	DIFFUSED	CPM 3F 85 ±/-10	12+1	(dB _{max}) 100	2 LEVELS ALARM

CH 1/2

CAN BE INSTALLED WITH



See Base Section on page 28

12/24V ACDC	✓	✓	✓
PNP 12/24V DC	✗	✗	✓
	FLUSH	DOUBLE	POLE

CERTIFICATIONS

EN 54-3 CONSTRUCTION PRODUCT DIRECTIVE
 0068-CPD-0026

SIR-E LED FA | PART NO

SIR-E LED FA ■ 90380 □ 90379

SIR-E LED FA

EN54-3 approved multifunctional electronic beacon sounder with excellent acoustic and optical performance. Developed with a multichannel technology, the FA range allows two levels of alarm powered by 13 EN54-3 approved tones. SIR-E LED FA allows 12 pre-alarm tones available on the 1st channel (selectable via a dip-switch) and 1 alarm steady tone (PFEER TOXIC GAS) on the 2nd channel. Both levels of alarm are enriched by a strobe effect flashing light.

TECHNICAL SPECIFICATIONS

MULTIFUNCTION

2 levels of alarm (pre-alarm, alarm) controllable via independent electric contacts

HIGH OPTICAL AND ACOUSTIC PERFORMANCE

CHANNEL 1 | PRE-ALARM

A powerful electronic tone of up to 100 dB ideal for signaling an imminent danger of a change to the standard conditions (12 EN54-3 approved tones selectable via dip-switch) sustained by a strobe effect flashing light

CHANNEL 2 | ALARM

A powerful electronic tone of up to 100 dB ideal for signaling a permanent danger or change to the standard conditions (1 EN54-3 approved tone: PFEER TOXIC GAS) sustained by a strobe effect flashing light

MULTITONE

13 EN54-3 approved tones

VOLTAGES

Must be used with LT 12/24V base

PROTECTION GRADE

IP65, suitable for outdoor applications

OPERATING TEMPERATURE

-30/+50 °C

LED TECHNOLOGY

Virtually zero maintenance thanks to the built-in LED technology that guarantees up to 100.000* hours of product life

* At normal conditions, without vibrations and heavy temperature changes

MECHANICAL FEATURES

Self extinguishing PC body with high impact resistance, suitable for outdoor applications thanks to the IP65 protection grade

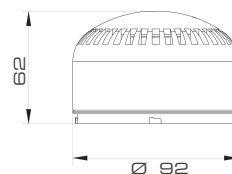
ACOUSTIC FEATURES

High performance electromagnetic buzzer

OPTICAL FEATURES

4 Bright LEDs over 360°

DRAWINGS, DIMENSIONS AND WEIGHTS





> **SUPERBRIGHT** <
> **EN54-23* APPROVED** <

* EN54-23 approval pending
(white color version only - part no 90125)



CAN BE INSTALLED WITH



See Base Section on page 28

	SHALLOW		DEEP		WALL	
12/24V AC/DC	✓	✓	✓	✓	✓	✓
PNP 12/24V DC	✗	✗	✓	✓	✓	✓
	FLUSH		DOUBLE		POLE	

CERTIFICATIONS



SLR FA | PART NO

SLR FA — ■ 90126 □ 90125

SLR FA new

EN54-23* approved LED beacon with excellent optical performance. SLR FA allows a powerful strobe flashing effect.

SLR FA is the ideal choice for a high-end signaling device suitable for short and long distance signalization.

TECHNICAL SPECIFICATIONS

HIGH OPTICAL PERFORMANCE

STROBE

5x flash (strobe effect) ideal for all applications where gaining public attention is a must

VOLTAGES

Must be used with LT 12/24V base

PROTECTION GRADE

IP66, suitable for outdoor applications

OPERATING TEMPERATURE

-30/+50 °C

LED TECHNOLOGY

Virtually zero maintenance thanks to the built-in LED technology that guarantees up to 100.000* hours of product life

* At normal conditions, without vibrations and heavy temperature changes

MECHANICAL FEATURES

Self extinguishing PC body with high impact resistance, suitable for outdoor use thanks to the IP66 protection grade

OPTICAL FEATURES

2 x SuperBright LEDs with inner Fresnel lens

DRAWINGS, DIMENSIONS AND WEIGHTS

