

MLINE

One concept | Endless solutions

GENERAL CATALOGUE



SIRENA

**MORE THAN
BRIGHT IDEAS**

When you have a range of products that can be mixed and matched with each other offering over 7000 solutions... **When you have** a range of devices that can perform multiple functions... **When you have** devices that allow you to control each channel independently... **When you have** a range of bases that allow you to mount your devices in every possible scenario... **When you have** all this, you have **M**LINE... The first range of devices engineered to be Modular, Multifunctional, Multichannel and Multivoltage. At Sirena we do not take challenges that are easily solvable... At Sirena we do not take the ordinary for granted... At Sirena we make sure our daily mission is to deliver the best possible signaling solutions to our customers... And before we put an **M** in front of a LINE, we make sure the **M** means a lot... Welcome to the future, welcome to **M**LINE...Yours Sincerely,

The Sirena Team

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MLINE

One concept | Endless solutions

WELCOME TO THE FUTURE



MLINE is a new and unique modular concept developed to take signaling devices to a whole new level, delivering users with a customized product tailored for each specific application.

The high optical performance of the beacons, together with the strong sound output of the sounders make **MLINE** a high-end range destined to the most demanding applications.

After a series of rigorous tests, **MLINE** has been granted IP66/65 status, a very high rating, especially for sounders, making this product ideal also for outdoor applications. Furthermore **MLINE** is UL approved with environmental ratings of 3R for sounders and 4X for beacons.

MLINE has been engineered with an exclusive modular concept allowing each of the eight **domes** to be mounted on any of the six **bases**, drastically reducing the number of parts stocked granting Professionals with a more reactive response to the market needs.

The all-round LED technology allows a better resistance to vibrations, longer life product and lower consumption, delivering a virtually zero maintenance range and drastically reducing operating costs.

The innovative design, together with four base color options, make **MLINE** a key player also in Commercial and Civil applications besides more traditional Industrial applications.

MULTICHANNEL TECHNOLOGY



DOMES

A range of **eight multifunctional domes** based on an innovative multichannel technology allowing each function of the device to be controlled via independent electrical contact, creating different levels of alarm with one single device



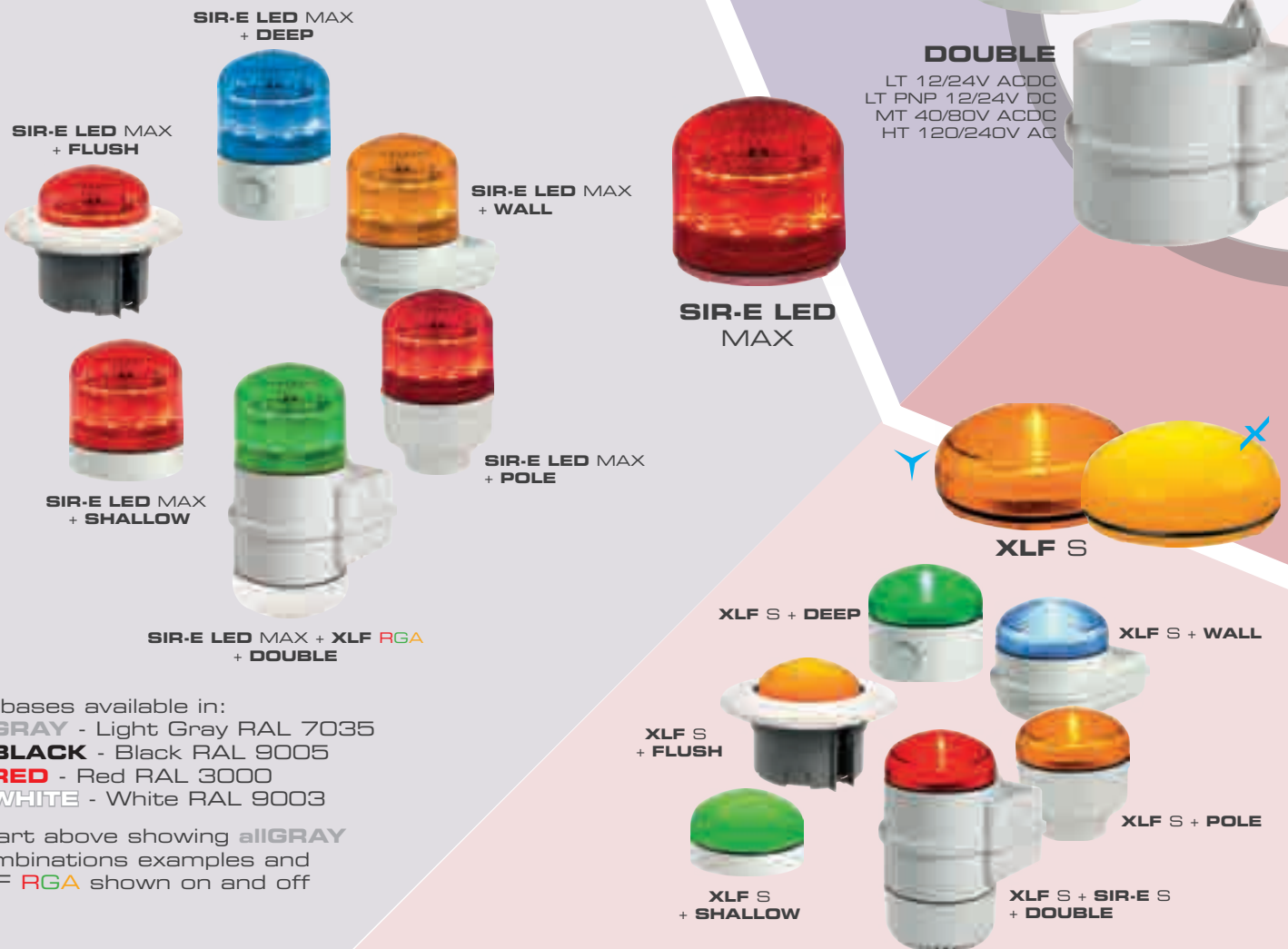
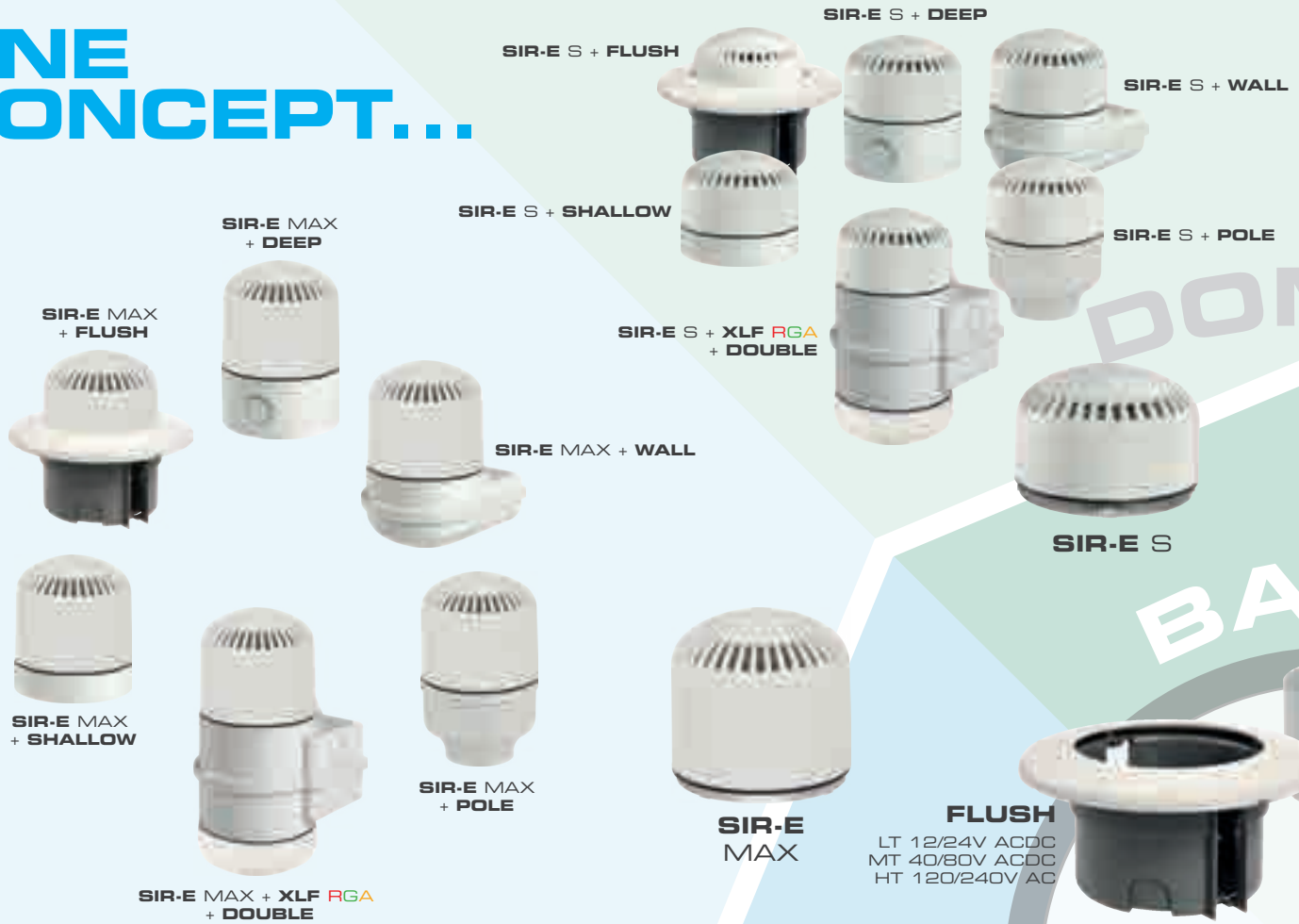
BASES

Six different base shapes with three ranges of voltages (12/24V ACDC, 40/80V ACDC, 120/240V AC) and four color choices, offering a total of 86 different options: a perfect fit for each application



MLINE domes and bases can be matched together with an easy snap-on technology allowing an easy and safe installation procedure also in the most challenging environments

ONE CONCEPT...



All bases available in:
allGRAY - Light Gray RAL 7035
allBLACK - Black RAL 9005
allRED - Red RAL 3000
allWHITE - White RAL 9003

Chart above showing **allGRAY** combinations examples and XLF RGA shown on and off

SIR-E LED S + FLUSH

SIR-E LED S + DEEP

SIR-E LED S + WALL

SIR-E LED S + SHALLOW

SIR-E LED S + POLE

SIR-E LED S + SIR-E S + DOUBLE

SIR-E LED S

FLR S + DEEP

FLR S + FLUSH

FLR S + WALL

FLR S + SHALLOW

FLR S + POLE

FLR S + SIR-E S + DOUBLE

DEEP

LT 12/24V ACDC
LT PNP 12/24V DC
MT 40/80V ACDC
HT 120/240V AC
HT JR 120/240V AC

FLR S

WALL

LT 12/24V ACDC
LT PNP 12/24V DC
MT 40/80V ACDC
HT 120/240V AC
HT JR 120/240V AC

POLE

LT 12/24V ACDC
LT PNP 12/24V DC
MT 40/80V ACDC
HT 120/240V AC
HT JR 120/240V AC

SLR S

SLR S + DEEP

SLR S + WALL

SLR S + FLUSH

SLR S + SHALLOW

SLR S + POLE

SLR S + SIR-E S + DOUBLE

XLF RGA

XLF RGA + DEEP

XLF RGA + FLUSH

XLF RGA + WALL

XLF RGA + SHALLOW

XLF RGA + POLE

XLF RGA + SIR-E S + DOUBLE

...ENDLESS SOLUTIONS

MLINE

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FOUR BASE COLOR OPTIONS

TAILOR-MADE FOR EACH APPLICATION



allGRAY Industrial

The **allGRAY** range has been developed to fulfill the Industrial sector requirements. Its light gray color (RAL 7035) allows to install **MLINE** products without interfering with the rest of the installation, remaining in line with the common coloring of connection boxes, enclosures, panels, etc. allowing Professionals to deliver an added value to their job

allBLACK Industrial

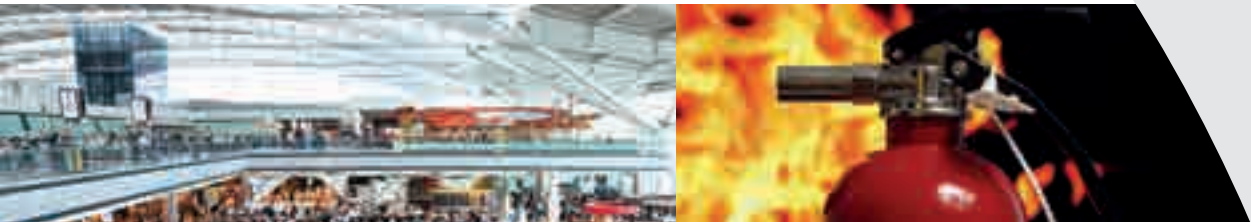
The **allBLACK** range allows to satisfy all those requests from the Industrial sector where black color (RAL 9005) is required. This range allows preserving the aesthetic of existing installations where black color is present. **allBLACK** is also the ideal choice for Machine Builders looking for a device that is unique, elegant and functional, preserving the added value of their important projects



MLINE modular range allows installing any of the multifunctional domes on any of the modular bases. The number of applications for **M**LINE are endless; the high quality of the products, together with the modular and multifunctional technology allows these devices to be installed in Industrial, Civil, Fire Alarm and Commercial setups.

At Sirena, we understand that each industry follows precise rules and requirements and for this reason we have created four color lines to better allow end users and Professionals to benefit from highly customizable products, to the point that each device can be considered **tailor-made for each application**.

MLINE devices are engineered to fulfill end-users requirements, not vice versa...
Welcome to the MLINE world...



aiIWHITE Civil

The **aiIWHITE** range has been developed to specifically satisfy aesthetic requirements from the Civil and Commercial installations industry. These devices are pragmatic, elegant and multifunctional, allowing a discrete installation whilst increasing aesthetics and preserving the added values created by architects and design teams. Available in white (RAL 9003), this range is also indicated for Machine Builders that see their products destined to civil or commercial environments

aiIRED Fire Alarm

The **aiIRED** range has been developed to satisfy requirements from the Fire Alarm industry where red color is very often a mandatory requirement. **aiIRED** (RAL 3000) range complements with class and elegance the existing fire alarm installations guaranteeing top functionality and the best aesthetics on the market



M LINE

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S RANGE

The S range is the most complete range of **M LINE** devices. When we began engineering the S range, our main focus was to develop a simple range of devices that could be yet installed in all possible scenarios.

We engineered **M LINE** domes in a way that multiple functions could be delivered by the same device, yet leaving the control completely independent and controllable by the end user at any time. We engineered **M LINE** bases in a way that all installation scenarios could be covered without having to compromise on the positioning of the device.

We have created 8 different domes that allow to cover all possible applications with a number of variations counting up to 87 options in total. At the same time we developed six shapes of bases to allow mounting **M LINE** under any circumstance: by delivering four type of base color and different voltages we count today 86 types of different bases. This gives you an astonishing 7000+ combinations.

We have done this to allow you to never have to compromise with your work; our believe is that we create signaling devices for you, tailored to your needs. As a qualified Professional you deserve to have a Partner that understands your needs and strives to overdeliver, because we believe in extraordinary things, we believe in added value, we believe that together we can make the difference.

Sirena's priority is to offer customers with a customized product tailored to the final application rather than offering a standard product that is often a compromise from what is actually needed. **MLINE** has been engineered specifically to meet the end-user requirements: for this reason we have developed 2 types of lenses engineered for specific applications according to the surrounding environment.

allCOLOR

The **allCOLOR** lens has been developed for Standard applications where the brightness of the device is the main priority. The light output of the colored lens is intensified by using a same-color LED source (color-on-color technology). This process allows optimization of the emission frequencies avoiding the filter effect of the lens. The color is, therefore, more vivid than any standard device guaranteeing compliance with Machine Directive specifications.

allCLEAR

The **allCLEAR** lens has been developed for use in brighter environments where the main priority is to give a precise signal regarding machine status to the operator. In very bright environments, the ambience light can cause confusion as to the ON/OFF state of the colored device: this condition is known as "phantom effect". The **allCLEAR** lens, together with a colored LED source, eliminates this possibility. When the device is switched OFF the lens is white/neutral and when it is switched ON the lens lights up according to the LED color of the device.



STANDARD USE

Colored lens with colored light source.

The use of a colored lens with the same-color light source allows optimization of the emission frequency producing a rich intense light output.



USE IN VERY BRIGHT ENVIRONMENTS

Clear lens with colored light source.

In very bright environments, it is possible that the ambience brightness lights up the device when it is switched OFF creating problems in distinguishing between the ON and OFF state of the device (phantom effect). The clear lens allows clear distinction between the ON and OFF status of the device.

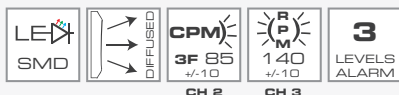




allCLEAR
new



> **STEADY** <
> **FLASHING** <
> **ROTATING** <



CAN BE INSTALLED WITH



See Base Section on page 28



12/24V ACDC
PNP 12/24V DC
40/80V ACDC
120/240V AC
JR 120/240V AC

	SHALLOW		DEEP		WALL	
✓	✓	✓	✓	✓	✓	✓
X	X	X	✓	✓	✓	✓
X	✓	✓	✓	✓	✓	✓
X	X	✓	✓	✓	✓	✓
X	X	X	✓	X	✓	✓
	FLUSH		DOUBLE		POLE	



CERTIFICATIONS



FLR S | PART NO

	■	■	■	■
allCOLOR	90351	90352	90353	90354
allCLEAR	90121	90122	90123	90124

FLR S

Multifunctional LED beacon with high optical performance. Developed with a multichannel technology, FLR S allows three separate light effects (steady, rotating, flashing) controllable via independent electric contacts.

Available with allCOLOR and allCLEAR lens, FLR S is the right choice for a high-end LED beacon.

TECHNICAL SPECIFICATIONS

MULTIFUNCTION

3 separate functions (steady, rotating and flashing) controllable via independent electric contacts

HIGH OPTICAL PERFORMANCE

CHANNEL 1 | STEADY LIGHT

A deep and rich light source ideal for attracting attention yet without disturbing

CHANNEL 2 | FLASHING LIGHT

A triple-flash strobe effect ideal for all applications where an immediate attention gain is mandatory

CHANNEL 3 | ROTATING LIGHT

A unique rotating effect perfectly simulating the traditional rotating beacons yet without moving parts hence enormously enhancing product life time

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 applications thanks to the IP66/TYPER 4X protection grade

OPTICAL FEATURES

24x Bright LEDs in a 6x4 configuration. Available with 2 different lens types, according to the final application

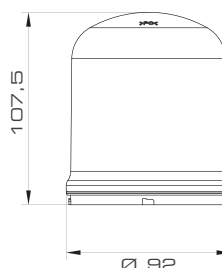
allCOLOR STANDARD USE

Colored lens with colored light source. The use of a colored lens with the same-color light source allows optimization of the emission frequency producing a rich intense light output

allCLEAR USE IN VERY BRIGHT ENVIRONMENTS

Clear lens with colored light source. In very bright environments it is possible that the ambient brightness lights up the device when it is switched OFF creating problems in distinguishing between the ON and OFF state of the device (phantom effect). The clear lens allows clear distinction between the ON and OFF status of the device

DRAWINGS, DIMENSIONS AND WEIGHTS



SLR S



> SUPERBRIGHT < > NEW RANDOM EFFECT <

Compares to a traditional flashing beacon with a 6 Joules Xenon discharge tube

PC	-30 +50 C°	IP66	ON	CLASS 2	SELF EXTINGUISHING
LED SMD	DIFFUSED	FPM 1F 150 ±/-10 CH 1	CPM SF 72 ±/-10 CH 2	RANDOM CH 3	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	X	✓	✓	✓	✓
120/240V AC	X	✓	✓	✓	✓	✓
JR 120/240V AC	X	X	✓	X	✓	✓
	FLUSH		DOUBLE		POLE	

CERTIFICATIONS



SLR S | PART NO

allCOLOR	90851	90852	90853	90854	90856
allCLEAR	90861	90862	90863	90864	-

SLR S new

Multifunctional LED beacon with high optical performance. Developed with a multichannel technology, SLR S allows three separate light effects (flashing, strobe, random) controllable via independent electric contacts.

Available with allCOLOR and allCLEAR lens, SLR S is the right choice for a high-end LED flashing beacon.

TECHNICAL SPECIFICATIONS

MULTIFUNCTION

3 separate functions (flashing, strobe, random) controllable via independent electric contacts

HIGH OPTICAL PERFORMANCE

CHANNEL 1 | FLASHING LIGHT

Powerful flashing effect ideal for attracting attention yet without alarming

CHANNEL 2 | STROBE LIGHT

A 5x strobe effect ideal for all applications where an immediate attention gain is mandatory

CHANNEL 3 | RANDOM LIGHT

A unique random effect consisting in an uneven flashing pattern, augmenting the ability of catching attention

VOLTAGES

According to the installed base

PROTECTION GRADE

IP66, UL TYPE 4X (pending), 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 IP66 protection grade

OPTICAL FEATURES

2x SuperBright LEDs with inner Fresnel lens. Available with 2 different lens types, according to the final application

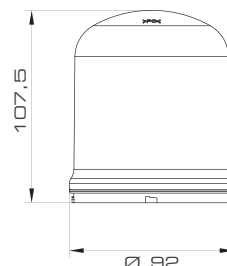
allCOLOR STANDARD USE

Colored lens with colored light source. The use of a colored lens with the same-color light source allows optimization of the emission frequency producing a rich intense light output

allCLEAR USE IN VERY BRIGHT ENVIRONMENTS

Clear lens with colored light source. In very bright environments it is possible that the ambient brightness lights up the device when it is switched OFF creating problems in distinguishing between the ON and OFF state of the device (phantom effect). The clear lens allows clear distinction between the ON and OFF status of the device

DRAWINGS, DIMENSIONS AND WEIGHTS



SIR-E S



> 105 dB <
> 64 TONES <
> 2 LEVELS OF 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	✓	X	✓	✓
	FLUSH		DOUBLE		POLE	



CERTIFICATIONS



SIR-E S | PART NO



SIR-E S

Multifunctional electronic siren developed with a multichannel technology that allows two separate levels of alarm (pre-alarm, alarm) controllable via independent electric contacts. SIR-E S benefits from 64 different tones (selectable via dip-switch) over 2 channels.

TECHNICAL SPECIFICATIONS

MULTIFUNCTION

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

HIGH ACOUSTIC PERFORMANCE

CHANNEL 1 | PRE-ALARM

A powerful up to 105 dB electronic tone, ideal for alerting staff of a danger or a serious change of operating circumstances (tone selectable via dip switch "A" out of 32 tones)

CHANNEL 2 | ALARM

A powerful up to 105 dB electronic tone, ideal for alerting staff of a permanent change of operating circumstances (tone selectable via dip switch "B" out of 32 tones)

ADJUSTABLE VOLUME

Min. 65 dB - Max. 105 dB

MULTITONE

64 tones available, including fire alarm, industrial and civil tones

VOLTAGES

According to the installed base

PROTECTION GRADE

IP65, UL TYPE 3R, suitable for outdoor applications

OPERATING TEMPERATURE

-30/+50 °C

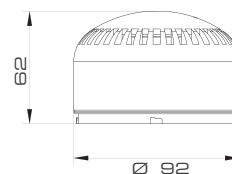
MECHANICAL FEATURES

Self extinguishing PC body with high impact resistance, suitable for outdoor applications thanks to the IP65/TYPER 3R protection grade

ACOUSTIC FEATURES

High performance electromagnetic buzzer

DRAWINGS, DIMENSIONS AND WEIGHTS



SIR-E MAX



> 115 dB <
> 64 TONES <
> 2 LEVELS OF ALARM <



CAN BE INSTALLED WITH



See Base Section on page 28



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



CERTIFICATIONS



SIR-E MAX | PART NO



SIR-E MAX new

Multifunctional high-output electronic sounder developed with a multichannel technology that allows two separate levels of alarm (pre-alarm, alarm) controllable via independent electric contacts. SIR-E MAX benefits from 64 different tones (selectable via dip-switch) over 2 channels.

TECHNICAL SPECIFICATIONS

MULTIFUNCTION

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

HIGH ACOUSTIC PERFORMANCE

CHANNEL 1 | PRE-ALARM

A powerful up to 115 dB electronic tone, ideal for alerting staff of a danger or a serious change of operating circumstances (tone selectable via dip switch "A" out of 32 tones)

CHANNEL 2 | ALARM

A powerful up to 115 dB electronic tone, ideal for alerting staff of a permanent change of operating circumstances (tone selectable via dip switch "B" out of 32 tones)

ADJUSTABLE VOLUME

Min. 65 dB - Max. 115 dB

MULTITONE

64 tones available, including fire alarm, industrial and civil tones

VOLTAGES

According to the installed base

PROTECTION GRADE

IP65, suitable for outdoor applications

OPERATING TEMPERATURE

-30/+50 °C

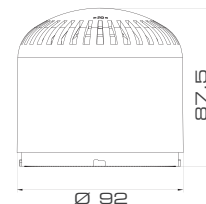
MECHANICAL FEATURES

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

ACOUSTIC FEATURES

High performance electromagnetic buzzer

DRAWINGS, DIMENSIONS AND WEIGHTS



SIR-E LED S



allCLEAR
new



> 105 dB <
> 64 TONES <
> 3 LEVELS OF ALARM <

PC	-30 +50 °C	IP65	ON	CLASS 2	SELF EXTINGUISHING
LED SMD	DIFFUSED	CPM 3F 85 ±1.10 CH 1/2	32+32	(dB) max 105	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



SIR-E LED S | PART NO

allCOLOR	90361	90362	90363	90364
allCLEAR	90131	90132	90133	90134

SIR-E LED S

Multifunctional LED beacon sounder developed with a multichannel technology that allows three separate levels of alarm (alert, pre-alarm, alarm) controllable via independent electric contacts. SIR-E LED S benefits from two light effects (steady, flashing) and 64 different tones (selectable via dip-switch).

TECHNICAL SPECIFICATIONS

MULTIFUNCTION

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

HIGH OPTICAL AND ACOUSTIC PERFORMANCE

CHANNEL 1 | ALERT

A powerful triple-flash strobe effect that guarantees catching attention and warning operators of a potential danger or change of operating circumstances

CHANNEL 2 | PRE-ALARM

A powerful triple-flash strobe effect combined with an up to 105 dB electronic tone, ideal for alerting staff of a danger or a serious change of operating circumstances (tone selectable via dip switch "A" out of 32 tones)

CHANNEL 3 | ALARM

A powerful steady light combined with an up to 105 dB electronic tone, ideal for alerting staff of a permanent change of operating circumstances (tone selectable via dip switch "B" out of 32 tones)

ADJUSTABLE VOLUME

Min. 65 dB - Max. 105 dB

MULTITONE

64 tones available, including fire alarm, industrial and civil tones

VOLTAGES

According to the installed base

PROTECTION GRADE

IP65, UL TYPE 3R, 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/TYPER 3R protection grade

ACOUSTIC FEATURES

High performance electromagnetic buzzer

OPTICAL FEATURES

6 Bright LEDs over 360°. Available with 2 different lens types, according to the final application

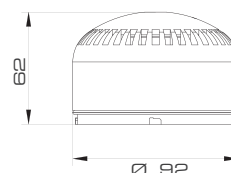
allCOLOR STANDARD USE

Colored lens with colored light source. The use of a colored lens with the same-color light source allows optimization of the emission frequency producing a rich intense light output

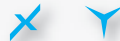
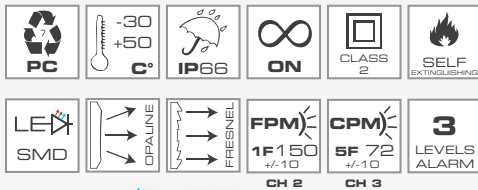
allCLEAR USE IN VERY BRIGHT ENVIRONMENTS

Clear lens with colored light source. In very bright environments it is possible that the ambient brightness lights up the device when it is switched OFF creating problems in distinguishing between the ON and OFF state of the device (phantom effect). The clear lens allows clear distinction between the ON and OFF status of the device

DRAWINGS, DIMENSIONS AND WEIGHTS



X



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	✓	✓
	FLUSH	DOUBLE	POLE

XLF S | PART NO

	Blue	Orange	Red	Green
allCOLOR PROXIMITY	90501	90502	90503	90504
DIRECTIONAL	90821	90822	90823	90824
allCLEAR PROXIMITY	90141	90142	90143	90144
DIRECTIONAL	90151	90152	90153	90154

XLF S

Multifunctional LED beacon engineered to satisfy the most demanding applications. Developed with a multichannel technology, XLF S allows three different light effects (steady, flashing, strobe) controllable via independent electric contacts making this device the perfect choice for most applications.

Available with Proximity and Directional lenses, XLF S 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 (steady, flashing, strobe) controllable via independent electric contacts

HIGH OPTICAL PERFORMANCE

CHANNEL 1 | STEADY

An intense and rich light output that allows gaining public attention yet without disturbing

CHANNEL 2 | FLASHING

A constant flash ideal for signaling a change of operating circumstances

CHANNEL 3 | STROBE

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

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 LED. Available with 2 different lens types, according to the final application

allCOLOR STANDARD USE

Colored lens with colored light source. The use of a colored lens with the same-color light source allows optimization of the emission frequency producing a rich intense light output

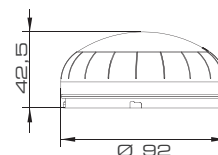
allCLEAR USE IN VERY BRIGHT ENVIRONMENTS

Clear lens with colored light source. In very bright environments it is possible that the ambient brightness lights up the device when it is switched OFF creating problems in distinguishing between the ON and OFF state of the device (phantom effect). The clear lens allows clear distinction between the ON and OFF status of the device

CERTIFICATIONS



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.

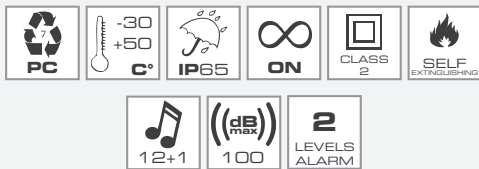


According to the Construction Product Directive (CPD) 89/106/CE, it is mandatory that Fire Detection and Fire Alarm equipments are certified under EN54 Standard by an authorized Certification Body.





> 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

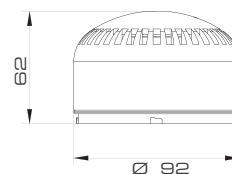
MECHANICAL FEATURES

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 ±1.0	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

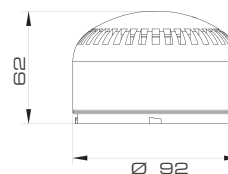
ACOUSTIC FEATURES

High performance electromagnetic buzzer

OPTICAL FEATURES

4 Bright LEDs over 360°

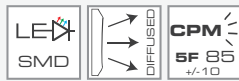
DRAWINGS, DIMENSIONS AND WEIGHTS





> **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



CONSTRUCTION PRODUCT DIRECTIVE
EN54-23 | PENDING

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

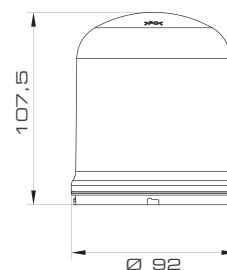
MECHANICAL FEATURES

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

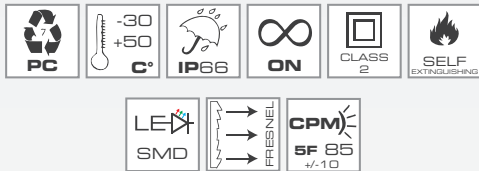
DRAWINGS, DIMENSIONS AND WEIGHTS





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

* EN54-23 approval pending
(white color version only - part no 90127)



CAN BE INSTALLED WITH



See Base Section on page 28

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

CERTIFICATIONS



CONSTRUCTION PRODUCT DIRECTIVE
EN54-23 | PENDING

XLF FA | PART NO

XLF FA — 90128 90127

XLF FA new

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

Available with Directional lens, XLF 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

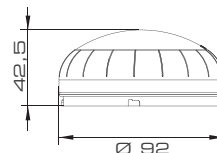
MECHANICAL FEATURES

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

OPTICAL FEATURES

1 x SuperBright LED

DRAWINGS, DIMENSIONS AND WEIGHTS



MLINE

One concept | Endless solutions

JUNIOR RANGE

WHEN LESS IS MORE

At Sirena, we take every aspect of the end-user world into consideration. Sometimes it is necessary to install high-quality devices in very simple scenarios. Some other times the economic efficiency of our projects is a mandatory reality. For these reasons we wanted to be able to deliver the unique high-quality characteristics of **MLINE** also for simpler applications.

The JUNIOR range is the entry-level option for **MLINE** Domes and Bases. Entry-level means that every JUNIOR element has been tailored to retain a high performance level yet improving its cost efficiency. All JUNIOR modules are fully compatible with standard **MLINE** domes and bases.

MLINE S

SIR-E S

32+32 tones
Max 105dB
2 Levels of alarm

SIR-E LED S

32+32 tones
Max 105dB
3 Levels of alarm
6 Bright LEDs

XLF S

3 light effects: Steady,
Flashing, Strobe

DEEP BASE HT

120/240V AC
Supports 3 channels

WALL BASE HT

120/240V AC
Supports 3 channels

POLE BASE HT

120/240V AC
Supports 3 channels

MLINE JUNIOR

SIR-E JUNIOR

8+8 tones
Max 100dB
2 Levels of alarm

SIR-E LED JUNIOR

8+8 tones
Max 100dB
3 Levels of alarm
4 Bright LEDs

XLF JUNIOR

Steady light

DEEP BASE HT JUNIOR

120/240V AC
Supports 1 channel

WALL BASE HT JUNIOR

120/240V AC
Supports 1 channel

POLE BASE HT JUNIOR

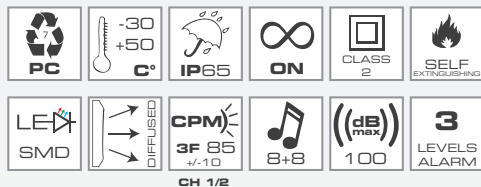
120/240V AC
Supports 1 channel

COMPARISON TABLE

SIR-E LED JUNIOR



> 100 dB <
> 16 TONES <
> 3 LEVELS OF ALARM <



CAN BE INSTALLED WITH



See Base Section on page 28



12/24V ACDC
PNP 12/24V DC
40/80V ACDC
120/240V AC
JR 120/240V AC

	SHALLOW		DEEP		WALL	
	✓	✓	✓	✓	✓	✓
	X	X	✓	✓	✓	✓
	X	X	✓	✓	✓	✓
	X	✓	✓	✓	✓	✓
	X	X	✓	X	✓	✓
	FLUSH		DOUBLE		POLE	



CERTIFICATIONS



SIR-E LED JUNIOR | PART NO

	■	■	■	■
EURO	90401	90402	90403	90404
APAC	90421	90422	90423	90424

SIR-E LED JUNIOR

Multifunctional LED beacon sounder developed with a multilevel technology that allows three separate levels of alarm (alert, pre-alarm, alarm) controllable via independent electric contacts. SIR-E LED JUNIOR benefits from two light effects (steady, flashing) and 16 different tones (selectable via dip-switch).

European (EURO) and Asia Pacific (APAC) tones available.

TECHNICAL SPECIFICATIONS

MULTIFUNCTION

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

HIGH OPTICAL AND ACOUSTIC PERFORMANCE

CHANNEL 1 | ALERT

A triple-flash strobe effect that guarantees catching attention and warns operators of a potential danger or change of operating circumstances

CHANNEL 2 | PRE-ALARM

A triple-flash strobe effect combined with an up to 100 dB electronic tone, ideal for alerting staff of a danger or a serious change of operating circumstances (tone selectable via dip switch "A" out of 8 tones)

CHANNEL 3 | ALARM

A powerful steady light combined with an up to 100 dB electronic tone, ideal for alerting staff of a permanent change of operating circumstances (tone selectable via dip switch "B" out of 8 tones)

MULTITONE

16 tones available, including fire alarm, industrial and civil tones

VOLTAGES

According to the installed base

PROTECTION GRADE

IP65, UL TYPE 3R, 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/TYPER 3R protection grade

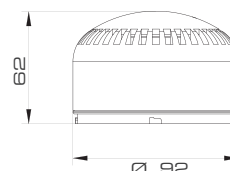
ACOUSTIC FEATURES

High performance electromagnetic buzzer

OPTICAL FEATURES

4 x Bright LEDs over 360°

DRAWINGS, DIMENSIONS AND WEIGHTS



XLF JUNIOR



CAN BE INSTALLED WITH



See Base Section on page 28



12/24V ACDC
PNP 12/24V DC
40/80V ACDC
120/240V AC
JR 120/240V AC

	SHALLOW		DEEP		WALL	
	✓	✓	✓	✓	✓	✓
	X	X	✓	✓	✓	✓
	X	✓	✓	✓	✓	✓
	X	✓	✓	✓	✓	✓
	X	X	✓	X	✓	✓
	FLUSH		DOUBLE		POLE	



CERTIFICATIONS



XLF JUNIOR | PART NO

	Blue	Orange	Red	Green
PROXIMITY	90831	90832	90833	90834
DIRECTIONAL	90841	90842	90843	90844

XLF JUNIOR

Steady light LED beacon, particularly indicated when there is no necessity of flashing effects or when the device is controlled by PLC.

Available with Proximity and Directional lenses, XLF JUNIOR 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

HIGH OPTICAL PERFORMANCE

LIGHT EFFECT | STEADY

An intense and rich light output that allows gaining public attention yet without being disturbing

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

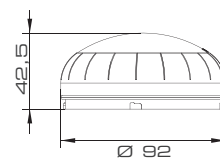
MECHANICAL FEATURES

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

OPTICAL FEATURES

5 Bright LEDs

DRAWINGS, DIMENSIONS AND WEIGHTS





SHALLOW

LT 12/24V ACDC 90367 90451 90343 90344



DEEP

LT 12/24V ACDC 90368 90452 90345 90346
 LT PNP 12/24V DC 90570 90573 90576 90579
 MT 40/80V ACDC 90432 90455 90442 90437
 HT 120/240V AC 90369 90458 90508 90509
 HT JR 120/240V AC 90827 90829 90839 90837



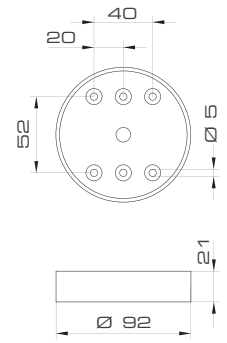
WALL

LT 12/24V ACDC 90370 90453 90347 90348
 LT PNP 12/24V DC 90571 90574 90577 90580
 MT 40/80V ACDC 90433 90456 90443 90438
 HT 120/240V AC 90371 90459 90510 90511
 HT JR 120/240V AC 90828 90830 90840 90838



SHALLOW

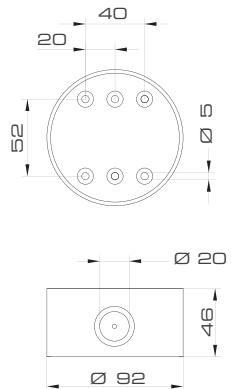
Base designed for flat surface mounting where cabling occurs from the bottom of the device and where a compact design is required



DEEP

Base designed for flat surface mounting in conjunction with the use of cable glands. This base allows up to two M20 cable glands making this solution ideal for series mounting. Also available in Junior version (controls 1 channel only). Also available with PNP (positive-negative-positive) connections for use with PLC in sourcing mode

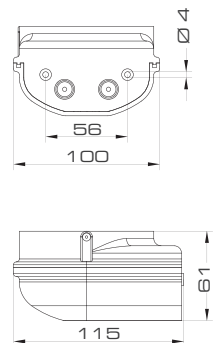
2 x M20 (supplied)



WALL

Base designed for lateral/wall mounting. Allows installing up to two M20 pressure glands making this product suitable also when it's not possible to wire the base of the signaling device. Also available in Junior version (controls 1 channel only). Also available with PNP (positive-negative-positive) connections for use with PLC in sourcing mode

2 x M20 (ready)





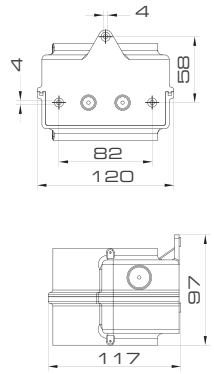
DOUBLE

	■	■	■	□
LT 12/24V ACDC	90372	90454	90373	90374
LT PNP 12/24V DC	90572	90575	90578	90581
MT 40/80V ACDC	90435	90457	90445	90440
HT 120/240V AC	90512	90460	90513	90514

DOUBLE

Base designed for lateral/wall mounting, it can mount up to two **M**LINE modules creating unique combinations between visual and acoustic devices whilst the multifunctionality of each module is guaranteed. Also available with PNP (positive-negative-positive) connections for use with PLC in sourcing mode

2 x M20 (ready)

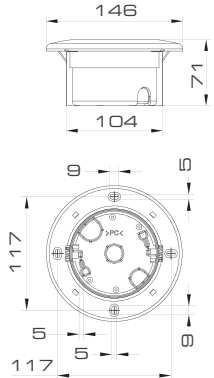


FLUSH

	■	□
LT 12/24V ACDC	90349	90375
MT 40/80V ACDC	90444	90439
HT 120/240V AC	90446	90376

FLUSH

Base designed for flushmounted applications. It guarantees a simple and discrete installation of the device allowing a low visual impact when aesthetic is required like for example in Civil or Commercial installations



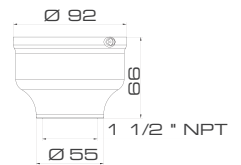
POLE

	■	■	■	□
LT 12/24V ACDC	90610	90613	90619	90616
LT PNP 12/24V DC	90622	90624	90628	90626
MT 40/80V ACDC	90611	90614	90620	90617
HT 120/240V AC	90612	90615	90621	90618
HT JR 120/240V AC	90623	90625	90629	90627

1" NPT-F Adapter 90555
1/2" NPT-F Adapter 90556

POLE

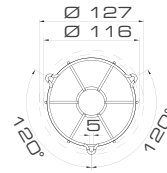
Base designed for pole mounted installations. It allows to install any **M**LINE dome on a 1" 1/2 NPT threaded pole or, via the use of adaptors, on a 1" or 1/2" NPT threaded pole. Also available in Junior version (controls 1 channel only). Also available with PNP (positive-negative-positive) connections for use with PLC in sourcing mode



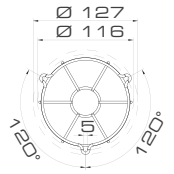
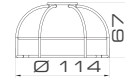
STAINLESS STEEL PROTECTION GRIDS (HEAVY DUTY)



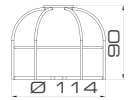
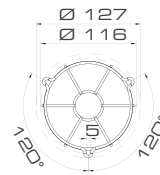
- **SIZE 0**
- SHALLOW BASE
+ XLF S/RGA



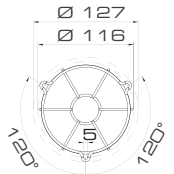
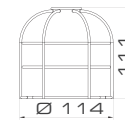
- **SIZE 1**
- SHALLOW BASE
+ SIR-E S
+ SIR-E LED S
- DEEP BASE
+ XLF S/RGA



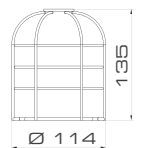
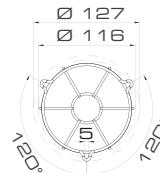
- **SIZE 2**
- DEEP BASE
+ SIR-E S
+ SIR-E LED S
- SHALLOW BASE
+ SIR-E MAX
+ SIR-E LED MAX



- **SIZE 3**
- SHALLOW BASE
+ FLR S
+ SLR S
- DEEP BASE
+ SIR-E MAX
+ SIR-E LED MAX



- **SIZE 4**
- DEEP BASE
+ FLR S
+ SLR S



- 100% compatibility with **M**LINE range
- 5 sizes to fit each applications
- Stainless Steel



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CERTIFICATIONS



The **MLINE** range is certified according to CE (EN60598-1, EN61000-6-3, EN61000-6-2) standards.



The **MLINE** range also achieved GOST certification and can be used in the CIS region according to local standards.



MLINE has achieved UL certification for the U.S. and Canada with protection grade TYPE 4X for beacons and TYPE 3R for sounders and beacon/sounders, the highest in its category.



MLINE FA range is approved according to regulations stated in the EN54 directive.



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PART NUMBERS

PART NO DESCRIPTION	PAGE	PART NO DESCRIPTION	PAGE	PART NO DESCRIPTION	PAGE			
90121	FLR S BLUE ALLCLEAR	10	90404	SIR-E LED JUNIOR EURO GREEN	26	90572	BASE LT DOUBLE PNP V12/24DC GY	29
90122	FLR S AMBER ALLCLEAR	10	90407	SIR-E MAX GRAY	13	90573	BASE LT DEEP PNP V12/24DC BK	28
90123	FLR S RED ALLCLEAR	10	90408	SIR-E MAX BLACK	13	90574	BASE LT WALL PNP V12/24DC BK	28
90124	FLR S GREEN ALLCLEAR	10	90409	SIR-E MAX WHITE	13	90575	BASE LT DOUBLE PNP V12/24DC BK	29
90125	SLR FA EN54-23 WHITE	22	90410	SIR-E MAX RED	13	90576	BASE LT DEEP PNP V12/24DC RD	28
90126	SLR FA EN54-23 RED	22	90417	SIR-E JUNIOR EURO GRAY	25	90577	BASE LT WALL PNP V12/24DC RD	28
90127	XLF FA EN54-23 WHITE	23	90418	SIR-E JUNIOR EURO BLACK	25	90578	BASE LT DOUBLE PNP V12/24DC RD	29
90128	XLF FA EN54-23 RED	23	90419	SIR-E JUNIOR EURO WHITE	25	90579	BASE LT DEEP PNP V12/24DC WH	28
90131	SIR-E LED S BLUE ALLCLEAR	14	90420	SIR-E JUNIOR EURO RED	25	90580	BASE LT WALL PNP V12/24DC WH	28
90132	SIR-E LED S AMBER ALLCLEAR	14	90421	SIR-E LED JUNIOR APAC BLUE	26	90581	BASE LT DOUBLE PNP V12/24DC WH	29
90133	SIR-E LED S RED ALLCLEAR	14	90422	SIR-E LED JUNIOR APAC AMBER	26	90610	BASE LT POLE V12/24DAC GY	29
90134	SIR-E LED S GREEN ALLCLEAR	14	90423	SIR-E LED JUNIOR APAC RED	26	90611	BASE MT POLE V40/80DAC GY	29
90141	XLF S PROXIMITY BLU ALLCLEAR	16	90424	SIR-E LED JUNIOR APAC GREEN	26	90612	BASE HT POLE V120/240AC GY	29
90142	XLF S PROXIMITY AMB ALLCLEAR	16	90432	BASE MT DEEP V40/80DAC GY	28	90613	BASE LT POLE V12/24DAC BK	29
90143	XLF S PROXIMITY RED ALLCLEAR	16	90433	BASE MT WALL V40/80DAC GY	28	90614	BASE MT POLE V40/80DAC BK	29
90144	XLF S PROXIMITY GRE ALLCLEAR	16	90435	BASE MT DOUBLE V40/80DAC GY	29	90615	BASE HT POLE V120/240AC BK	29
90151	XLF S DIRECTIONAL BLU ALLCLEAR	16	90437	BASE MT DEEP V40/80DAC WH	28	90616	BASE LT POLE V12/24DAC WH	29
90152	XLF S DIRECTIONAL AMB ALLCLEAR	16	90438	BASE MT WALL V40/80DAC WH	28	90617	BASE MT POLE V40/80DAC WH	29
90153	XLF S DIRECTIONAL RED ALLCLEAR	16	90439	BASE MT FLUSH V40/80DAC WH	29	90618	BASE HT POLE V120/240AC WH	29
90154	XLF S DIRECTIONAL GRE ALLCLEAR	16	90440	BASE MT DOUBLE V40/80DAC WH	29	90619	BASE LT POLE V12/24DAC RD	29
90343	BASE LT SHALLOW V12/24DAC RD	28	90442	BASE MT DEEP V40/80DAC RD	28	90620	BASE MT POLE V40/80DAC RD	29
90344	BASE LT SHALLOW V12/24DAC WH	28	90443	BASE MT WALL V40/80DAC RD	28	90621	BASE HT POLE V120/240AC RD	29
90345	BASE LT DEEP V12/24DAC RD	28	90444	BASE MT FLUSH V40/80DAC RD	29	90622	BASE LT POLE PNP V12/24DC GY	29
90346	BASE LT DEEP V12/24DAC WH	28	90445	BASE MT DOUBLE V40/80DAC RD	29	90623	BASE HT JR POLE V120/240AC GY	29
90347	BASE LT WALL V12/24DAC RD	28	90446	BASE HT FLUSH V120/240AC RD	29	90624	BASE LT POLE PNP V12/24DC BK	29
90348	BASE LT WALL V12/24DAC WH	28	90451	BASE LT SHALLOW V12/24DAC BK	28	90625	BASE HT JR POLE V120/240AC BK	29
90349	BASE LT FLUSH V12/24DAC RD	29	90452	BASE LT DEEP V12/24DAC BK	28	90626	BASE LT POLE PNP V12/24DC WH	29
90351	FLR S BLUE ALLCOLOR	10	90453	BASE LT WALL V12/24DAC BK	28	90627	BASE HT JR POLE V120/240AC WH	29
90352	FLR S AMBER ALLCOLOR	10	90454	BASE LT DOUBLE V12/24DAC BK	29	90628	BASE LT POLE PNP V12/24DC RD	29
90353	FLR S RED ALLCOLOR	10	90455	BASE MT DEEP V40/80DAC BK	28	90629	BASE HT JR POLE V120/240AC RD	29
90354	FLR S GREEN ALLCOLOR	10	90456	BASE MT WALL V40/80DAC BK	28	90821	XLF S DIRECTIONAL BLU ALLCOLOR	16
90357	SIR-E S BLACK	12	90457	BASE MT DOUBLE V40/80DAC BK	29	90822	XLF S DIRECTIONAL AMB ALLCOLOR	16
90358	SIR-E S RED	12	90458	BASE HT DEEP V120/240AC BK	28	90823	XLF S DIRECTIONAL RED ALLCOLOR	16
90359	SIR-E S WHITE	12	90459	BASE HT WALL V120/240AC BK	28	90824	XLF S DIRECTIONAL GRE ALLCOLOR	16
90360	SIR-E S GRAY	12	90460	BASE HT DOUBLE V120/240AC BK	29	90827	BASE HT JR DEEP V120/240AC GY	28
90361	SIR-E LED S BLUE ALLCOLOR	14	90501	XLF S PROXIMITY BLU ALLCOLOR	16	90828	BASE HT JR WALL V120/240AC GY	28
90362	SIR-E LED S AMBER ALLCOLOR	14	90502	XLF S PROXIMITY AMB ALLCOLOR	16	90829	BASE HT JR DEEP V120/240AC BK	28
90363	SIR-E LED S RED ALLCOLOR	14	90503	XLF S PROXIMITY RED ALLCOLOR	16	90830	BASE HT JR WALL V120/240AC BK	28
90364	SIR-E LED S GREEN ALLCOLOR	14	90504	XLF S PROXIMITY GRE ALLCOLOR	16	90831	XLF JR PROXIMITY BLU	27
90367	BASE LT SHALLOW V12/24DAC GY	28	90507	XLF PROXIMITY MULTICOLOR RGA	17	90832	XLF JR PROXIMITY AMB	27
90368	BASE LT DEEP V12/24DAC GY	28	90508	BASE HT DEEP V120/240AC RD	28	90833	XLF JR PROXIMITY RED	27
90369	BASE HT DEEP V120/240AC GY	28	90509	BASE HT DEEP V120/240AC WH	28	90834	XLF JR PROXIMITY GRE	27
90370	BASE LT WALL V12/24DAC GY	28	90510	BASE HT WALL V120/240AC RD	28	90837	BASE HT JR DEEP V120/240AC WH	28
90371	BASE HT WALL V120/240AC GY	28	90511	BASE HT WALL V120/240AC WH	28	90838	BASE HT JR WALL V120/240AC WH	28
90372	BASE LT DOUBLE V12/24DAC GY	29	90512	BASE HT DOUBLE V120/240AC GY	29	90839	BASE HT JR DEEP V120/240AC RD	28
90373	BASE LT DOUBLE V12/24DAC RD	29	90513	BASE HT DOUBLE V120/240AC RD	29	90840	BASE HT JR WALL V120/240AC RD	28
90374	BASE LT DOUBLE V12/24DAC WH	29	90514	BASE HT DOUBLE V120/240AC WH	29	90841	XLF JR DIRECTIONAL BLU	27
90375	BASE LT FLUSH V12/24DAC WH	29	90551	MLINE STAINLESS HD GRID SIZE 1	30	90842	XLF JR DIRECTIONAL AMB	27
90376	BASE HT FLUSH V120/240AC WH	29	90552	MLINE STAINLESS HD GRID SIZE 2	30	90843	XLF JR DIRECTIONAL RED	27
90377	SIR-E FA EN54-3 WHITE	20	90553	MLINE STAINLESS HD GRID SIZE 3	30	90844	XLF JR DIRECTIONAL GRE	27
90378	SIR-E FA EN54-3 RED	20	90554	MLINE STAINLESS HD GRID SIZE 4	30	90847	XLF DIRECTIONAL MULTICOLOR RGA	17
90379	SIR-E LED FA EN54-3/23 WHITE	21	90555	BASE POLE 1" NPT-F ADAPTER	29	90851	SLR S BLUE ALLCOLOR	11
90380	SIR-E LED FA EN54-3/23 RED	21	90556	BASE POLE 1/2" NPT-F ADAPTER	29	90852	SLR S AMBER ALLCOLOR	11
90387	SIR-E JUNIOR APAC GRAY	25	90557	MLINE STAINLESS HD GRID SIZE 0	30	90853	SLR S RED ALLCOLOR	11
90388	SIR-E JUNIOR APAC WHITE	25	90561	SIR-E LED MAX BLUE	15	90854	SLR S GREEN ALLCOLOR	11
90389	SIR-E JUNIOR APAC RED	25	90562	SIR-E LED MAX AMBER	15	90856	SLR S WHITE	11
90390	SIR-E JUNIOR APAC BLACK	25	90563	SIR-E LED MAX RED	15	90861	SLR S BLUE ALLCLEAR	11
90401	SIR-E LED JUNIOR EURO BLUE	26	90564	SIR-E LED MAX GREEN	15	90862	SLR S AMBER ALLCLEAR	11
90402	SIR-E LED JUNIOR EURO AMBER	26	90570	BASE LT DEEP PNP V12/24DC GY	28	90863	SLR S RED ALLCLEAR	11
90403	SIR-E LED JUNIOR EURO RED	26	90571	BASE LT WALL PNP V12/24DC GY	28	90864	SLR S GREEN ALLCLEAR	11



MLINE is Sirena's range of modular and multifunctional signaling devices engineered for civil and industrial applications

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R.E.A. 487901 | Mecc. TO 027549
Registro Imprese TO - C.F.01047730013
Partita IVA IT 01047730013
Capitale sociale € 6.000.000 interamente versato

