

WIRING INSTRUCTIONS

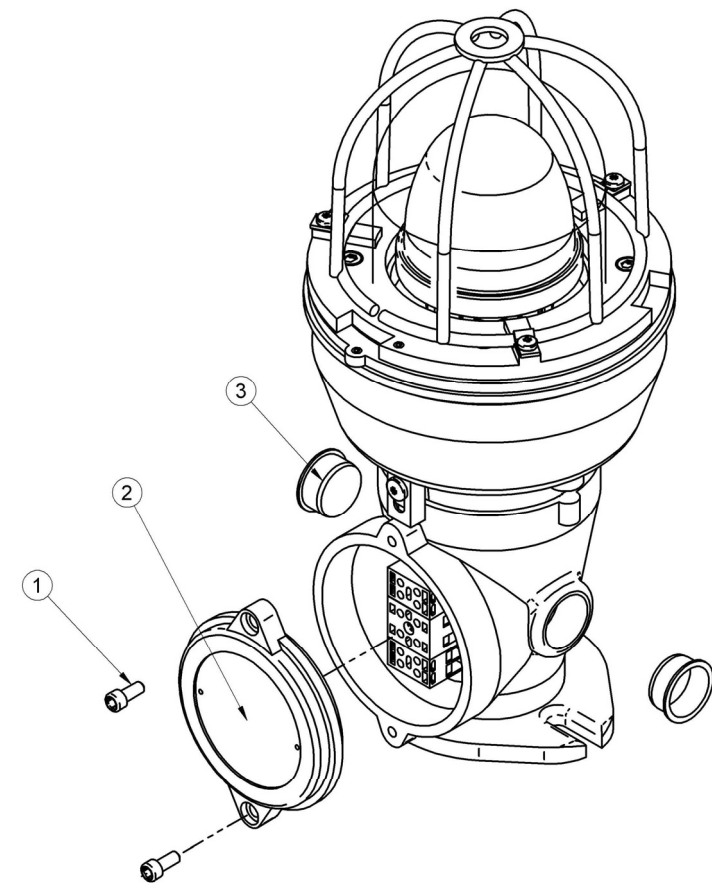


WARNING!
Before making any intervention on the equipment, disconnect the power supply and wait at least 15 minutes before opening the device

Access to the terminal block is made by firstly unscrewing the two hexagonal screws (figure 1) of the front cover of the enclosure and remove the cover (figure 2).

NOTE:
The max. power consumption in watt is indicated on the identification label that is found on the cover.
The current consumption can be found in the tables illustrated on the previous pages of this booklet.

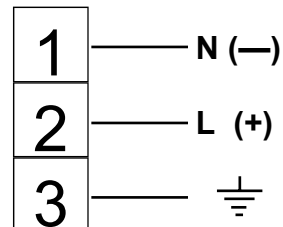
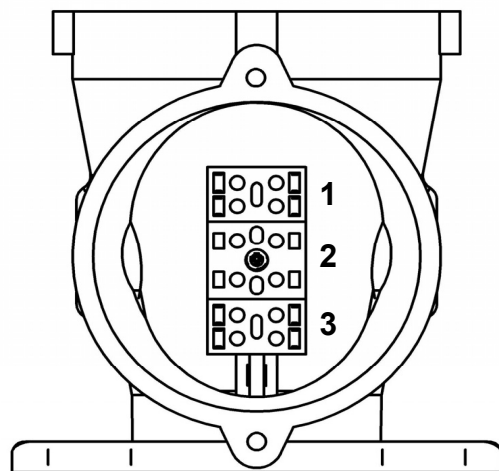
By removing the two plugs (figure 3) on each side of the enclosure it is possible to reach the terminal block inside the enclosure with the power supply cables.



Modelli:

EX 080 BABY R - EX 080 BABY L -
EX 080 BABY F - EX 080 BABY X -
EX 080 RA - EX 080 RA H - EX 080 LA L -
EX 080 LA L H - EX 080 LA F - EX 080 LA X -
EX 080 LF 200 - EX 080 LD SA 1995 -
EX 080 LD SA 1505 - EX 080 LD SA 3185 -
EX 080 LD SO 2105 - EX 080 LD 365 BABY -
EX 080 LD 455 LA

Connect the wires to the terminal block from the right side, as shown in the drawing, taking care to respect the polarities for the direct current types.

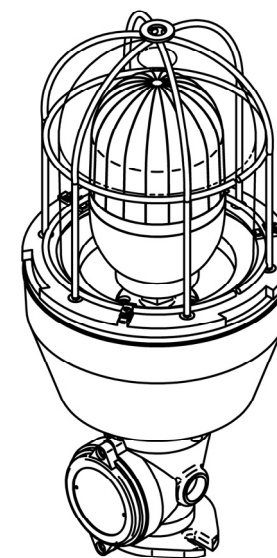


SIRENA s.p.a.

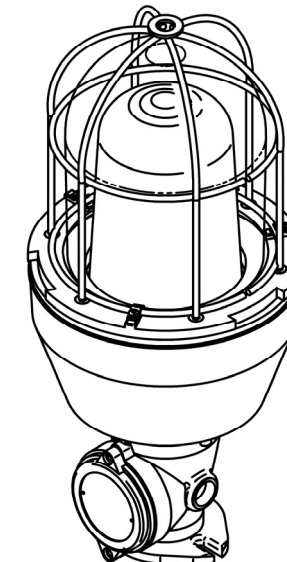
EX 080 RANGE



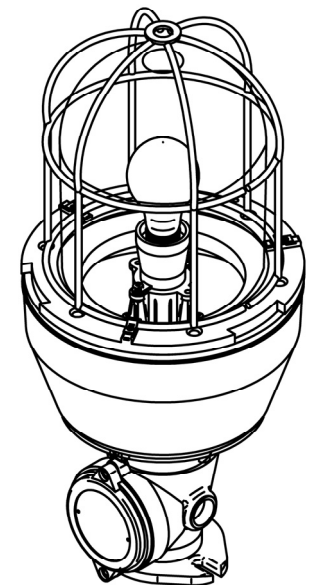
SAFETY, INSTALLATION, APPLICATION AND MAINTENANCE INSTRUCTIONS



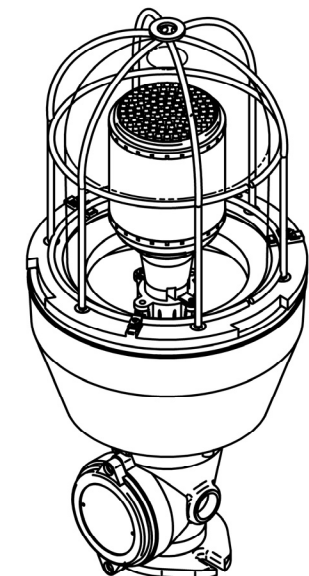
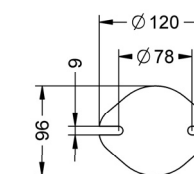
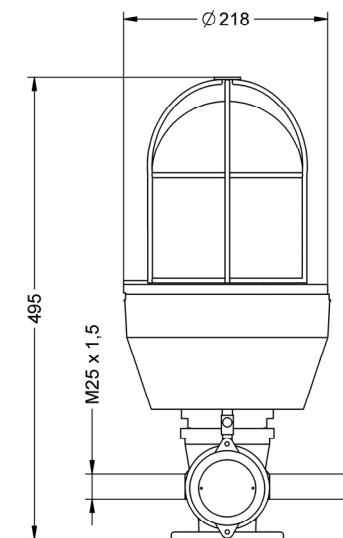
EX 080 BABY R - EX 080 BABY L
EX 080 BABY F - EX 080 BABY X
EX 080 LD 365 BABY



EX 080 RA - EX 080 RA H
EX 080 LA L - EX 080 LA L H
EX 080 LA F - EX 080 LA X
EX 080 LD 455 LA



EX 080 LF 200



EX 080 LD SA 1995 - EX 080 LD SO 1505
EX 080 LD SA 3185 - EX 080 LD SO 2105

SIRENA s.p.a.

C.so Moncenisio, 5-10-12-14-16 10090 ROSTA (TO) - Italia Tel. 011.95.68.555 (25 linee ISDN) Int. 0039.011.95.68.555
Telegr. SIRENA 10090 ROSTA - Fax 011.95.67.928 - 011.95.68.510 www.sirena.it E-mail:sirena.spa@sirena.it

SAFETY INSTRUCTIONS



These instructions are intended for qualified personnel in accordance with national laws, including the relative norms and, where applicable, in accordance with IEC 60079-17 relating to electrical equipment for use in potentially explosive atmospheres.

Enclosures made according to standard norms regarding luminous warning devices.
Made according to EN 60079-0, EN 60079-1, EN 61241-0, EN 61241-1 EXECUTION Ex de.

According to 94/9/EC Directive of 23 MARCH 1994.

- The luminous enclosure must not be installed in the dangerous area ZONE 0 and ZONE 20

- The technical details stated on the enclosure must be adhered to

- Modifications to the product are not allowed

- The enclosure can be installed only in its entirety and without faults

- Only SIRENA spare parts must be used

- Routine or specific maintenance work must be carried out by qualified electricians recommended by “EXPERTS”

Before making any intervention on the equipment, disconnect the power supply and wait at least 15 minutes before opening the device.

The national norms relating to safety and accident prevention must be strictly followed, as well as the instructions indicated by “⚠” in this booklet. This instruction booklet must be kept for the entire life of the product.

INSTRUCTIONS FOR REPLACING THE BULB



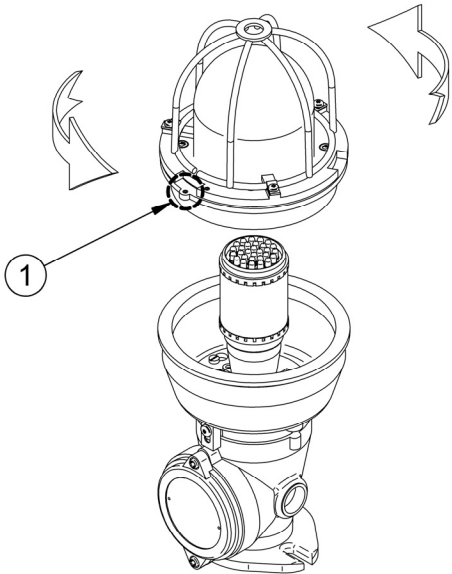
WARNING!
Before making any intervention on the equipment, disconnect the power supply and wait at least 15 minutes before opening the device

Once a cover or threaded part of the equipment has been opened the threads must be re-oiled. Make sure that any gasket such as the O-RING is put back in its proper place. Any grub screws on the parallel threaded joints must be secured and above all great care must be taken before securing them.

To open the enclosure, firstly unscrew the grub screw that holds the two parts together (1).

Turn the upper part anticlockwise as shown in the drawing below.

Replace the bulb or if there is a dome protecting the bulb, unscrew it and then replace the bulb.

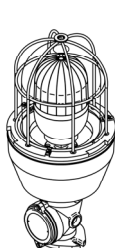


TECHNICAL CHARACTERISTICS

Type of protection: II 2 GD Ex de IIC T6, T4 Ex tD A21 IP66 T85°C, T135°C
Conductor section for terminal box wiring: Internal enclosure 1,5 mm² - Terminal accepts cables up to 4 mm²
Cable entry: 2 HUBS M25 X 1,5

CESI 05 ATEX 043

Modello	Tipo di Lampada	Potenza	Grado IP	Classe Temp.	Massima temp. di superficie.	Temp. Ambiente
EX 080 BABY L	Ba 15 d	25W	66	T6	85°C	-25°C ÷ +50°C
EX 080 BABY F	Ba 15 d	25W		T6	85°C	-25°C ÷ +50°C
EX 080 LD 365 BABY	Led integrati	10W		T6	85°C	-25°C ÷ +50°C
EX 080 BABY X	Xenon 3-9J	60W		T6	85°C	-20°C ÷ +40°C
EX 080 BABY R	Ba 9 s	10W		T6	85°C	-25°C ÷ +50°C
EX 080 RA	Ba 15 s	45W		T6	85°C	-25°C ÷ +50°C
EX 080 RA H	H1	55-70W		T6	85°C	-20°C ÷ +40°C
EX 080 LA L	Ba 15 d	40W		T6	85°C	-25°C ÷ +50°C
EX 080 LA L H	H1	55-70W		T6	85°C	-25°C ÷ +50°C
EX 080 LA F	Ba 15 d	40W		T6	85°C	-25°C ÷ +50°C
EX 080 LD 455 LA	Led integrati	10W		T6	85°C	-25°C ÷ +50°C
EX 080 LA X	Xenon 3-9J	60W		T6	85°C	-20°C ÷ +40°C
EX 080 LF 200	E27	200W		T4	135°C	-25°C ÷ +50°C
EX 080 LD SA 1995	LD SA 1995	18W		T6	85°C	-25°C ÷ +50°C
EX 080 LD SO 1505	LD SO 1505	12W		T6	85°C	-25°C ÷ +50°C
EX 080 LD SA 3185	LD SA 3185	28W		T6	85°C	-25°C ÷ +50°C
EX 080 LD SO 2105	LD SO 2105	18W		T6	85°C	-25°C ÷ +50°C



EX 080 BABY R

V 	—	24	—	—	—	
V 	12		48	110	240	
mA	820		500	280	140	73

EX 080 BABY F

V 	12	24	48	110	240					
V 										
A						2.1	1.1	0.52	0.22	0.10

EX 080 BABY L

V 	12	24	48	—	—		
V 	—			110	240		
A	2.2			1.1	0.52	0.22	0.10

EX 080 BABY X

V 	12	24	—	—		
V 			110	240		
mA			400	350	65	40

EX 080 LD 365 BABY

2-1-3	V 	24	48	—	—		
	V 			110	240		
	mA			180	170	40	40
	5-4-6			mA	170	180	40



EX 080 RA						
V 	12	24	48	—	—	—
V 			—	48	110	240
A	4	2.1	1	0.74	0.31	0.15

EX 080 LA L					
V 	12	24	48	—	—
V 	—			110	240
A	3.4	1.7	0.83	0.36	0.17

EX 080 RA H		
V 	12	24
V 		
A	4.8	3.1

EX 080 LA F					
V 	12	24	48	110	240
V 					
A	3.3	1.65	0.83	0.36	0.17

EX 080 LD 455 LA					
	V 	24	48	—	—
	V 			110	240
2-1-3	mA	180	170	40	40
5-4-6	mA	170	170	40	40

EX 080 LA L H		
V 	12	24
V 		
A	4.6	2.9

EX 080 LA X					
-------------	--	--	--	--	--

	EX 080 LF 200															
	V ~	240	V ~	240	V ~	240	V ~	240	V ~	240	V ~	240	V ~	240	V ~	240
	A	0.9	A	130	A	45	A	78	A	78	A	78	A	78	A	78
	EX 080 LD SA 1995		EX 080 LD SA 3185		EX 080 LD SO 1505		EX 080 LD SO 2105									
	V ~	240	V ~	240	V ~	240	V ~	240	V ~	240	V ~	240	V ~	240	V ~	240
	mA	70	mA	130	mA	45	mA	78	mA	78	mA	78	mA	78	mA	78

- 1 Led: RED
2 Led: AMBER
3 Led: YELLOW
4 Led: GREEN
5 Led: BLU
6 Led: WHITE