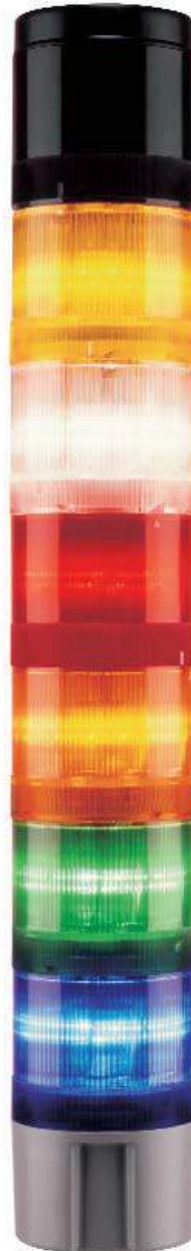


## 370 SERIES

MODULAR STACK LIGHTS



## TECHNICAL FEATURES

### Compliance

EEC regulation 73/23 Low Voltage and following amendments (EEC 94/68).  
EEC regulation 89/336 Electromagnetic Compatibility.

### Conformity to standards

EN 60947.5.1 - EN 60073 - EN 60529 - EN 60068-2-6 - EN 457 - EN 981 - IEC 536

### Approvals



### Material

Visual and audible module, cable unit, cap and base: polycarbonate  
Pole: anodised aluminium or polycarbonate

### Voltage

250 V max.

### Protection degree

IP 64 (if correctly assembled with cap and gasket) according to EN 60529

### Protection against electric shock

Class II, in case of double insulation and polycarbonate support tubes  
Class I, in case of metallic support tubes  
According to IEC 536

### Operating Temperature

-20°C +50°C (12 V 40°C)

### Resistance to vibrations

2 g min. (10 - 150 Hz), according to EN 60068-2-6

### Unit colours

Amber - blue - yellow - neutral- green, according to EN 60073

### Bulb

Bayonet connection type: BA 15d - 5W max.  
With flash circuits: Xenon bulbs.

### Number of combinable units

For all the indicators: each cable unit can be combined with up to seven modular units (except for the single beacon type, which can be combined with maximum two units).

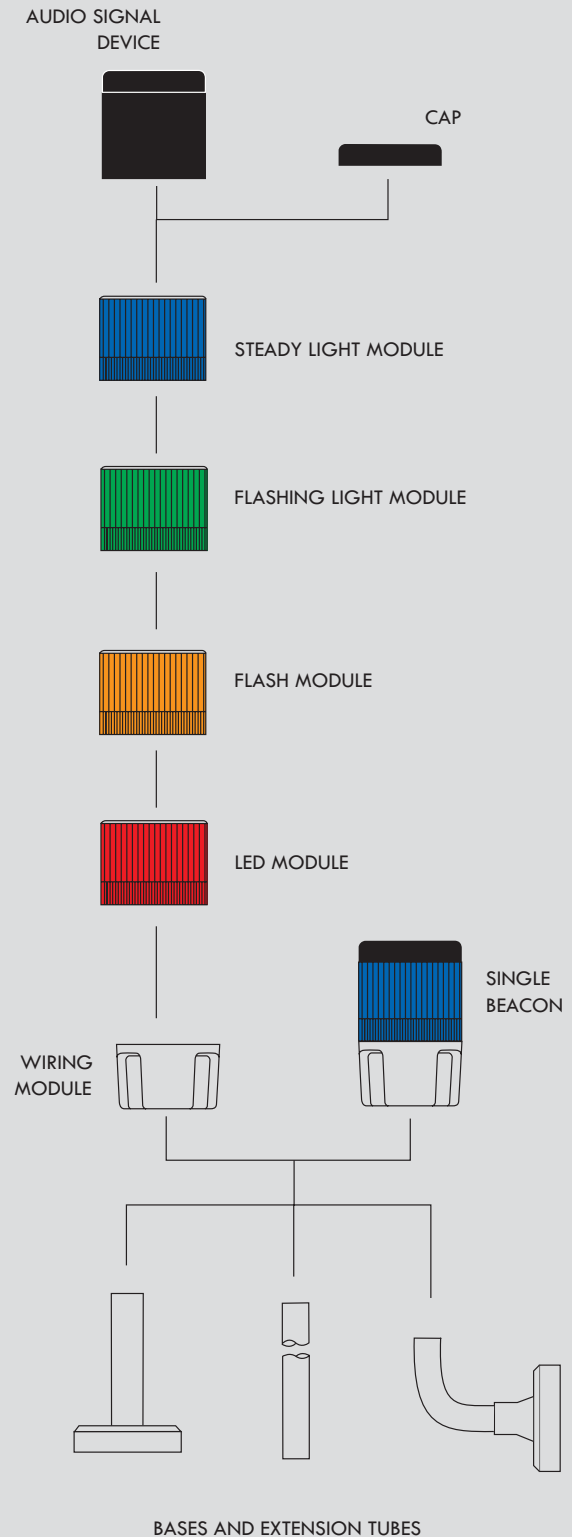
### Connections

Screw clamps with binding post max. gauge 1,5 mm<sup>2</sup>

### Connection Id. Code

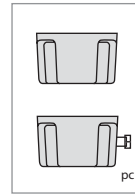
C - common to all signal units.  
Numbers from 1 to 7 refer to each single module from the bottom to the top (for the single beacon type the reference is from 1 to 2)

## STRUCTURE



**SCREW TERMINAL BASE AND TOP**  
WITH SIDE CABLE GLAND

PART NUMBER			PART NUMBER		
90-01	GREY		90-01PC	GREY	
90-02	BLACK		90-02PC	BLACK	
90M01	GREY		90M01PC	GREY	
90M02	BLACK		90M02PC	BLACK	

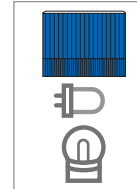


**CONTINUOUS LIGHT MODULE**

INCANDESCENT - BULBS NOT INCLUDED

LED - BULBS INCLUDED

COLOR	PART NUMBER			COLOR	PART NUMBER		
	12-240V AC-DC				24V DC-AC	115V AC	240V AC
●	12-00			●	12-4B	12-4F	12-4G
●	13-00			●	13-4B	13-4F	13-4G
●	14-00			●	14-4B	14-4F	14-4G
●	15-00			●	15-4B	15-4F	15-4G
●	16-00			●	16-4B	16-4F	16-4G
●	19-00			●	19-4B	19-4F	19-4G

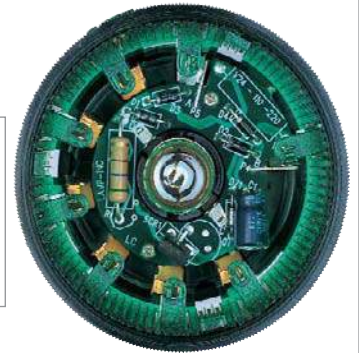
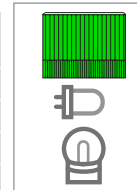


**FLASHING LIGHT MODULE**

INCANDESCENT - BULBS NOT INCLUDED

LED - BULBS INCLUDED

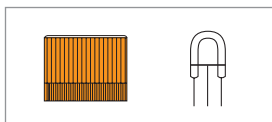
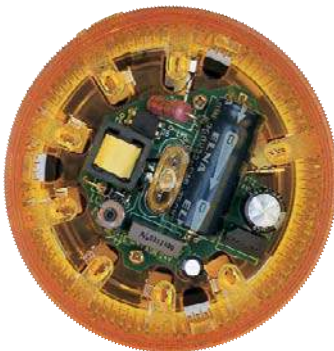
COLOR	PART NUMBER			COLOR	PART NUMBER		
	24V DC-AC	115V AC	240V AC		24V DC-AC	115V AC	240V AC
●	22-24	22-15	22-30	●	22-4B	22-4F	22-4G
●	23-24	23-15	23-30	●	23-4B	23-4F	23-4G
●	24-24	24-15	24-30	●	24-4B	24-4F	24-4G
●	25-24	25-15	25-30	●	25-4B	25-4F	25-4G
●	26-24	26-15	26-30	●	26-4B	26-4F	26-4G
●	29-24	29-15	29-30	●	29-4B	29-4F	29-4G



**XENON STROBE MODULE**

STROBE BULBS INCLUDED

COLOR	PART NUMBER		
	24V DC-AC	115V AC	240V AC
●	32-24	32-15	32-30
●	33-24	33-15	33-30
●	34-24	34-15	34-30
●	35-24	35-15	35-30
●	36-24	36-15	36-30
●	39-24	39-15	39-30



**MULTIFUNCTION LED MODULE**

CONTINUOUS FLASHING AND ROTATING FUNCTIONS

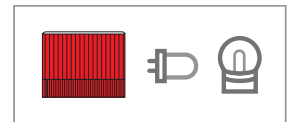
COLOR	PART NUMBER
	24V DC-AC
●	42-24
●	43-24
●	44-24
●	45-H4
●	46-H4
●	49-H4



**CONTINUOUS OR FLASHING LED MODULE**

CONTINUOUS AND FLASHING

COLOR	PART NUMBER		
	Diffused light	24V DC-AC	Central light
●	429KB		42-KB
●	439KB		43-KB
●	449KB		44-KB
●	459KB		45-KB
●	469KB		46-KB
●	499KB		49-KB



**AUDIO SIGNAL DEVICE TYPE 77 IP64**

Already equipped with a cap,  
the audible indicator can be mounted as final top unit only.

**Sound**

intermittent or continuous

**Sound frequency**

2600 Hz according to EN457

**Signal repetition rate**

1 Hz according to EN457

**Weighted sound level A at 1 m**

Type 77-24: Intermittent signal 84.5 dB - Continuous signal 82.6 dB

Type 77-15: Intermittent signal 78 dB - Continuous signal 75 dB

Type 77-30: Intermittent signal 78 dB - Continuous signal 75 dB

**Voltage**

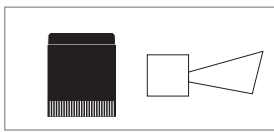
Type 77-24: 24 V DC/AC

Type 77-15: 115 V AC

Type 77-30: 240 V AC

**Protection degree**

IP64



PART NUMBERS			
24V DC/AC	24V DC/AC	115V AC	240V AC
77-MB	77-24	77-15	77-30

**AUDIO SIGNAL DEVICE TYPE 71 AND 72**

Already equipped with a cap,  
the audible indicator can only be mounted as a final top unit.

**Sound**

intermittent

**Sound frequency**

3300 Hz

**Signal repetition rate**

0.8 Hz

**Weighted sound level A at 1 m**

type 71: 80dB – type 72 dB

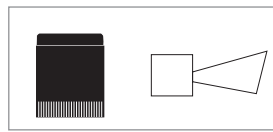
**Voltage**

24 V DC/AC

**Protection degree**

Type 71: IP30

Type 72: IP64



PART NUMBERS
24V DC/AC
71-24 / 72-24

**AUDIO SIGNAL DEVICE TYPE 75 IP54**

Already equipped with a cap,  
the audible indicator can be mounted as final top unit only.

**Sound**

Type 75-MB, 16 sounds selectable by means of a dip switch.

Type 75-24 / 75-15 / 75-30 intermittent or continuous tone

**Sound frequency**

2500 - 2900 Hz according to EN457

**Weighted sound level A at 1 m**

Type 75-MB: 16 sounds, max 90 dB,

Type 75-24: Intermittent signal 100 dB - Continuous signal 98 dB

Type 75-15: Intermittent signal 95 dB - Continuous signal 93 dB

Type 75-30: Intermittent signal 95 dB - Continuous signal 93 dB

**Voltage**

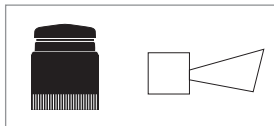
Type 75-MB or 75-24: 24 V DC/AC

Type 75-15: 115 V AC

Type 75-30: 240 V AC

**Protection degree**

IP54



PART NUMBERS			
24V DC/AC	24V DC-AC	115V AC	240V AC
75-MB	75-24	75-15	75-30

**AUDIO SIGNAL DEVICE TYPE 73 IP54**

Already equipped with a cap,  
the audible indicator can be mounted as final top unit only.

**Sound**

intermittent

**Sound frequency**

2900 Hz

**Signal repetition rate**

0.5 Hz

**Weighted sound level A at 1 m**

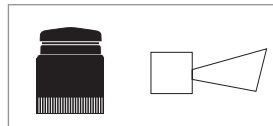
90 dB

**Voltage**

24 V DC/AC



**Protection degree**

IP54





PART NUMBERS
24V DC/AC
73-24

FITTINGS

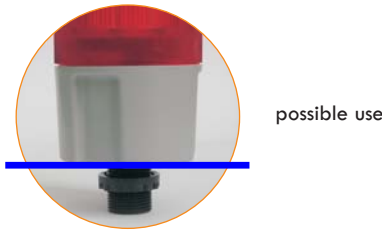
BASES WITH POLYCARBONATE EXTENSION POLES								
			h 100 mm	h 200 mm	h 300 mm	h 400 mm	h 500 mm	
			grey Ø 80	80-01	80-02	80-03	80-04	80-05
			grey Ø 70	54-01	54-02	54-03	54-04	54-05
			black Ø 80	80-10	80-20	80-30	80-40	80-50
		black Ø 70	54-10	54-20	54-30	54-40	54-50	



POLYCARBONATE EXTENSION POLES			
			h 100 mm
			grey
		black	88-10


BASES WITH POLYCARBONATE POLES FOR 90° MOUNTING				
			grey Ø 80	80-09
			grey Ø 70	54-09
			black Ø 80	80-90
			black Ø 70	54-90

POLYCARBONATE ADAPTERS FOR 90° MOUNTING					
			GREY	BLACK	
			individual fixing Ø70	54T19	54T91
			double fixing Ø70	54T29	54T92

ADAPTERS FOR 22-MM HOLE		
		88A22







BASES WITH ALUMINIUM EXTENSION POLES									
			h 50 mm	h 100 mm	h 200 mm	h 300 mm	h 400 mm	h 500 mm	
			grey Ø 80		80M01	80M02	80M03	80M04	80M05
			grey Ø 70	54M0X	54M01	54M02	54M03	54M04	54M05
			black Ø 80		80M10	80M20	80M30	80M40	80M50
		black Ø 70		54M10	54M20	54M30	54M40	54M50	

BASES WITH METAL EXTENSION POLES FOR 90° MOUNTING				
			grey Ø 80	80M09
			grey Ø 70	54M09
			black Ø 80	80M90
			black Ø 70	54M90

BASES WITH METAL EXTENSION POLES FOR 45° MOUNTING			
		GREY Ø70	54M59
		BLACK Ø70	54M95

LED AND INCANDESCENT BULBS

ALUMINIUM POLES		h 100 mm	h 200 mm	h 300 mm	h 400 mm	h 500 mm	h 1000 mm
		88M10	88M20	88M30	88M40	88M50	88M80
BLACK METAL BASE		Ø 70					
		h 20 mm	54M65				
METAL BASES 70Ø WITH TUBES FOR 90° FIXING		TUBE					
		plastic	54MP9				
		metal	54MM9				
METAL AND POLYCARBONATE ADAPTERS FOR 90° FIXING		METAL BASE Ø70 AND BLACK CONNECTION					
		individual fixing	54TC1				
		double fixing	54TC2				

LED AND INCANDESCENT BULBS

**LED BULBS**

**Bulb**  
BA 15d

**Duration**  
more than 50000 working hours  
No maintenance or service costs  
Perfect functioning also in case of strong vibrations or hits.

**Low current consumption**  
24 V DC/AC, < 50 mA - 115 V AC,  
< 18 mA - 240 V, <17 mA.

To be used together with alarm devices  
whose lenses are of the same color as  
the LEDs bulbs.

**INCANDESCENT BULBS**

**Bulb** BA 15d

**Incandescent** Shockproof

**Duration** 2.000 working hours

COLOR	PART NUMBERS			
	24V DC-AC	24V DC-AC	115V AC	240V AC
●	11EB2	11NB2	11NF2	11NG2
●		11NB3	11NF3	11NG3
●	11EB4	11NB4	11NF4	11NG4
●	11EB5	11NB5	11NF5	11NG5
●	11EB6	11NB6	11NF6	11NG6
●	11EB9	11NB9	11NF9	11NG9

PART NUMBERS				
12V/5W	24V/5W	30V/5W	130V/5W	260V/5W
11-12	11S24	1130V	11E15	11E30

