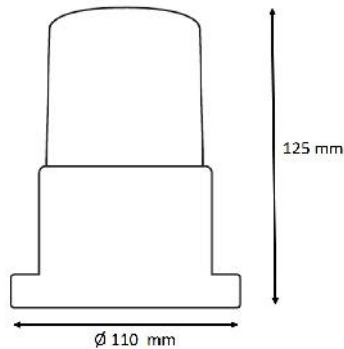


## INSTALLATION MANUAL

### FL 100 LED



**FL 100 LED description:** outdoor LED flashing device featuring adjustable blinking possibility, from 10 to 30 Vdc power supply, ABS base and PMMA lens, resin-protected circuit, polarity reverse protection, IP 45 grade.



FL 100 LED offers three different flash modes selectable through the input terminals: alternating flashing mode, steady flashing mode or rotating flashing mode.

The lens is available in the following colours: orange, red, blue, yellow and transparent.

#### TECHNICAL FEATURES

Operating voltage range	From 10 Vdc to 30 Vdc
Current consumption	See CHART 1
Flash frequency	Adjustable from 1Hz to 5Hz
Base material and colour	ABS, black
Lens material and colour	PMMA, orange/red/blue/yellow/transparent
IP grade	IP 45
Size	Ø 110 mm x 125 mm
Weight	260 g
Operating temperature range	From -20°C to +70°C

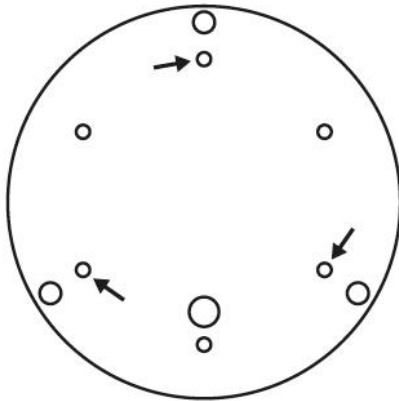
CHART 1: CURRENT CONSUMPTION

OPERATING VOLTAGE	FLASH MODE				
	STEADY ON LEDs	ALTERNATING FLASH (trimmer at min)	ALTERNATING FLASH (trimmer at max)	ROTATING FLASH (trimmer at min)	ROTATING FLASH (trimmer at max)
10 Vdc	170 mA	55 ÷ 125 mA	90 mA	80 ÷ 90 mA	100 mA
18 Vdc	150 mA	45 ÷ 105 mA	75 mA	60 ÷ 70 mA	75 mA
30 Vdc	90 mA	23 ÷ 75 mA	50 mA	40 ÷ 45 ma	50 mA

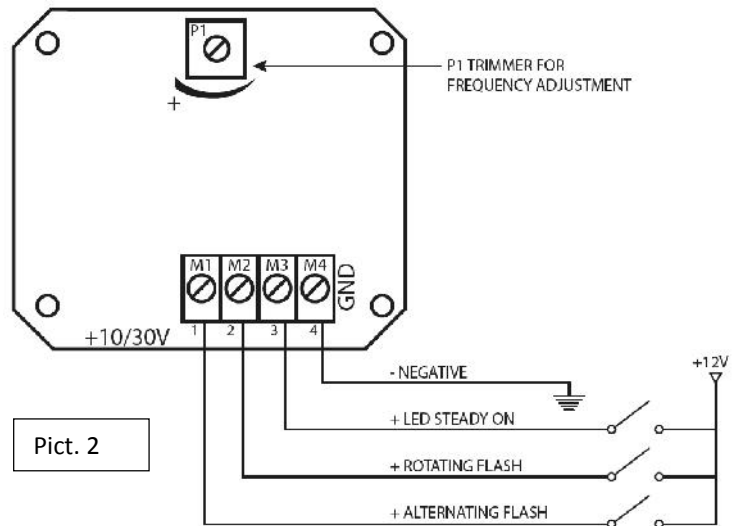
## MOUNTING AND CONNECTIONS

**The device must be installed by qualified staff only using appropriate tools and following the instructions in this installation sheet.**

1. To open the device, unscrew the 3 fixing screws located on the ABS base and marked through the arrows (See Pict. 1);
2. Connect the device terminals according to Pict. 2 and to the flashing mode chosen (See CHART 2);
3. Rotate trimmer P1 to adjust flash frequency pattern (from 1Hz min to 5Hz max);
4. Locate the flash lens and screw the fixing screws to close the device.



Pict. 1



Pict. 2

CHART 2: CONNECTIONS

TERMINAL	CONNECTION	FUNCTION
M1	+ 12 (10 – 30) Vdc	ALTERNATING flash mode
M2	+ 12 (10 – 30) Vdc	ROTATING flash mode
M3	+ 12 (10 – 30) Vdc	STEADY ON LEDs mode
M4	- POWER SUPPLY	

**Attention! The device must be installed in vertical position. Never use alcohol or similar to clean the device since this kind of chemical might cause damages to the device. To clean the flashing unit lens, remove it first and only use neutral soap and water.**



The European directive "Waste Electrical and Electronic Equipment (WEE) aims to minimize the impact of electrical and electronic equipment waste on the environment and human health. To conform with the directive, electrical equipment marked with this symbol must not be disposed of in European public disposal systems. European users of electrical equipment must now return end-of-life equipment for disposal. Further information can be found on the following website: <http://www.recyclethis.info/>.



MADE IN ITALY

## WARRANTY:

All Sylco products are granted 24 months against factory or material defects. In order to improve design and quality of the products, Sylco reserves itself the right to modify the products without prior notice. All faulty or defective items must be returned to the supplier.

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