

## Roadside Flasher

### Type MFLA2

- ✓ Standalone operation
- ✓ Hazard identification
- ✓ Available in five colours
- ✓ Powerful magnetic base
- ✓ Long battery life
- ✓ High intensity LED technology
- ✓ Optional external control
- ✓ Optional carry handle
- ✓ IECEx certified
- ✓ ATEX approved
- ✓ MSHA approved



The roadside flasher type MFLA2 is a portable explosion protected Ex ia LED based self-flashing lantern designed for general hazard identification in underground coalmines.

The high power large footprint magnetic base makes it easy to attach the flasher to unserviceable vehicles or other underground roadway hazards. The MFLA2 may be mounted in any orientation.

The MFLA2 flasher will continue to flash until it is switched off, but will operate continuously for six months on the one set of batteries.

The flasher is available in the five colours red, green, yellow, blue and white. This allows the user to select a colour best suited for the application.

The unit may optionally be provided with a carry handle to allow it to hang from a hook. Alternatively the holes to the protective lens hood can be used to insert 'S' hooks to mount the MFLA2.

The MFLA2 may also be provided with an attached control lead to allow the flasher to be controlled by a set of voltage free contacts such as those on a pressure or level switch. This external control allows the MFLA2 to be used in 'non-powered' alarm and warning annunciation applications throughout an underground mine.

A push-on push-off switch located in the top of the lens controls the roadside flasher.

### Certification

The Roadside flasher type MFLA2-FF-CC is IECEx certified for use in group I hazardous areas under certificate IECEx ITA 07.0013X Ex ia I IP66.

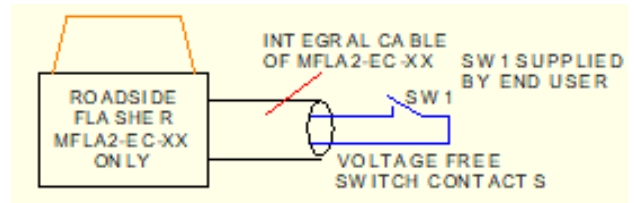
The Roadside flasher type MFLA2-FF-CC is ATEX approved under certificate Nemko 08ATEX1325X and also MSHA approved under MSHA 18-080010-0.

## Specifications

General	
<b>Name</b>	Roadside Flasher
<b>Type</b>	MFLA2-FF-CC
<b>Colours</b>	Red, yellow, white, green and blue
<b>Power</b>	Internal battery
<b>Battery life</b>	6 months operating, 24 months shelf
<b>Flash rate</b>	~ 1Hz
<b>Luminous intensity</b>	>12,000mcd Red
	>12,000mcd Yellow
	>20,000mcd White
	>18,000mcd Green
	>5,400mcd Blue
<b>Ingress protection</b>	IP66
<b>Termination</b>	Flying leads (MFLA2-EC-xx only)
<b>Lead length</b>	3m
<b>Lead conductor CSA</b>	0.75mm <sup>2</sup> (24/0.2 strands)
<b>Lead outer diameter</b>	6mm
<b>Size</b>	140mm (H) x 100mm diameter
<b>Mass</b>	900g

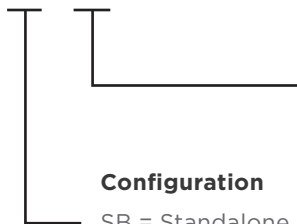
MFLA2-EC-xx Entity Parameters	
<b>Uo</b>	6.6Vdc
<b>Io</b>	125mA
<b>Co</b>	11.7uF
<b>Lo</b>	20uH
<b>Lo/Ro</b>	2.1mH/Ω
<b>Ui</b>	0V
<b>Cc</b>	150pF/m
<b>Lc</b>	50uH/m
<b>Lc/Rc</b>	50uH/Ω

## Connection MFLA2-EC-XX Only



## Ordering Details

MFLA2 - FF - CC



### Colour

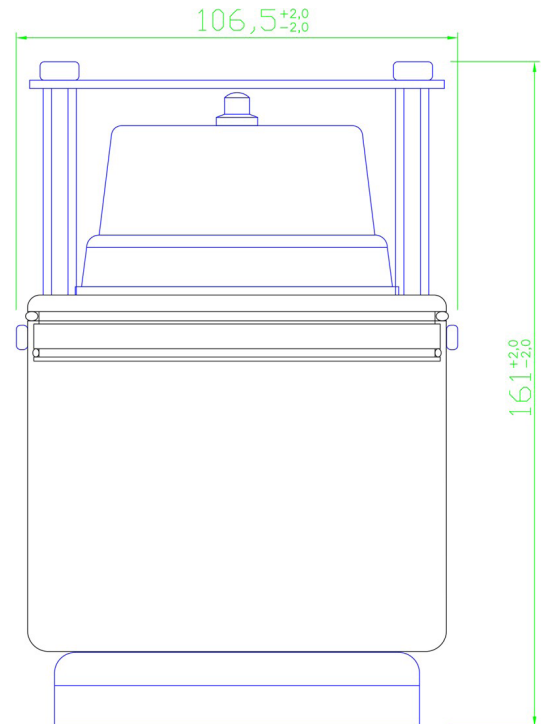
RD = RED  
YL = YELLOW  
WH = WHITE  
GN = GREEN  
BL = BLUE

### Configuration

SB = Standalone beacon  
EC = External control  
BH = Carry handle fitted

Colour	MFLA2-SB-xx Order code	MFLA2-EC-xx Order code	MFLA2-BH-xx Order code
RED	STROB17A	STROB18A	STROB19A
YELLOW	STROB17B	STROB18B	STROB19B
WHITE	STROB17C	STROB18C	STROB19C
GREEN	STROB17D	STROB18D	STROB19D
BLUE	STROB17E	STROB18E	STROB19E

## Dimensions



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Head Office / Australia Wide | +1 800 568 984  
International / Pittsburgh | +1 888 254 9155  
[www.hubbell.com/austdac](http://www.hubbell.com/austdac)