

## INTRODUCTION

The latest generation of directional warning lamp FWL, a Romanian manufacturer MTX, is an ideal solution for additional warning equipment for special and privileged vehicles in road traffic. The lamps are widely applied in police cars, in fire-fighting vehicles, in ambulances, in road service vehicles and in roadside assistance. High quality of materials guarantees excellent resistance to mechanical damage and moisture. Technical parameters, modern design, dedicated optics and a specially designed lampshade give the lamp FWL a significant competitive advantage on the market.



## SPECIFICATION

### FWL-Xx\*2-y\*\*-ALP

LEDs	CREE 3W LED x 6 pcs.
Warning Patterns	4
Operating Voltage	10.9-30VDC
Avg. Current	A/B*: 0.5A-12V DC / 0.25A-24V DC R*: 0.4A-12V DC / 0.2A-24V DC
Avg. Power	A/B*: 6 W (depends on pattern) R*: 4 W (depends on pattern)
Max. Current	A/B*: 1A-12V DC / 0.5A-24V DC R*: 0.65A-12V DC / 0.35A-24V DC
Max. Power	A/B*: 12W R*: 8W
Dimensions	125x28x16,5 mm
IP Code	IP67
Light colour*	B*-Blue, A*-Amber, R*-Red
Lampshade colour**	B**-Blue, A**-Amber, R**-Red, C**-Colourless
Operating temperature	-30 °C / +50 °C
Synchronization	Max. 10 pcs.
Fulfilis	R65 class 2 , R10
Wires	Red- VCC-200mm (20AWG) Black- GND-200mm (20AWG) Yellow-Flash Pattern & Sync-200mm (20AWG)
Lifetime***	≥ 35000 h

\* light colour and class

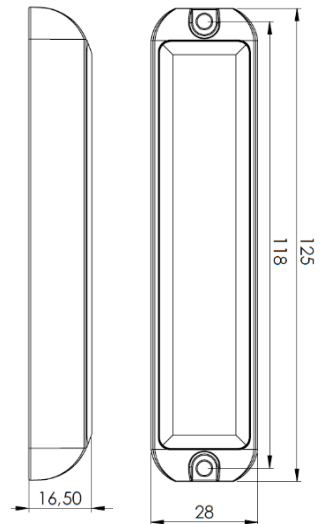
\*\* lampshade colour

\*\*\* estimated lifetime based on calculated lifetime of critical components

## FEATURES

- Cree® LEDs
- Reverse polarity protection
- High efficiency and resistant for weather conditions
- Auto day/night mode
- Memorizing the last flash pattern setting
- 4 Flash Patterns
- Synchronization up to 10 pcs.
- Ability to work alternately

## DIMENSIONS



## APPLICATIONS

FWL can be widely used in different types of application:

- Car police lights
- Fire-fighting vehicles lights
- Ambulance lights
- Roadside assistance vehicles lights
- Road service vehicles lights

Contact:



+40 748 751 465

[sales@mtxledsolutions.com](mailto:sales@mtxledsolutions.com)

[www.mtxledsolutions.com](http://www.mtxledsolutions.com)

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## MARKS

- XA2- Light colour-amber/ Class 2, i.e. day/night mode
- XB2- Light colour-blue/ Class, 2 i.e. day/night mode
- XR2- Light colour-red/ Class, 2 i.e. day/night mode

## FLASH PATTERNS

Flash Patterns	
1	Single
2	Double
3	Triple
4	Quad

## ACCESORIES

FWL-ACC			
No.	Description	Qty.	
1	Rubber foam pad	1	
3	St. 3,5x20 Screw	2	

## ORDERING CODE

Ordering code	Item	Description
190916.063A4023	FWL-XA2-A-ALP	Amber light, Amber lampshade, class II
190916.063A5023	FWL-XA2-C-ALP	Amber light, colourless lampshade, class II
190916.063B3023	FWL-XB2-B-ALP	Blue light, blue lampshade, class II
190916.063B5023	FWL-XB2-C-ALP	Blue light, colourless lampshade, class II
190916.063C1023	FWL-XR2-R-ALP	Red light, red lampshade, class II
190916.063C5023	FWL-XR2-C-ALP	Red light, colourless lampshade, class II
190916.00000001	FWL-ACC	Accessory pack

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