

## 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-XR2-y\*\*-ALP

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

\*  
\*\*

\* light colour and class

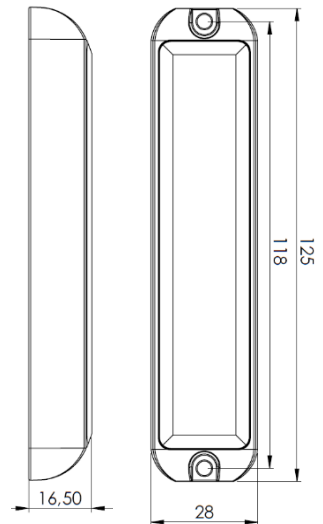
\*\* lampshade colour

\*\*\* 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

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# Datasheet FWL-XR2


## MARKS

- 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                               |
|-----------------|---------------|---|
| 190916.063C1023 | 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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