

# Datasheet mBWL Preliminary

## INTRODUCTION

The latest generation of flashing warning lamp mBWL, a Romanian manufacturer MTX, is an ideal solution privileged and burdensome vehicles in road traffic. The lamps are widely applied in police cars, in fire-fighting vehicles, in ambulances, in road service vehicles, in roadside assistance and construction machines. 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 a significant competitive advantage on the market.

## SPECIFICATION

	mBWL-Tx*-y**-z***-AP	mBWL-Tx*-y**-z***-AP	mBWL-Tx*-y**-z***-AP
LEDs	3W LED x 8 pcs.	3W LED x 8 pcs.	3W LED x 8 pcs.
Warning Patterns	5	5	5
Operating Voltage	11-30 VDC	11-30 VDC	11-30 VDC
Avg. Current	0.9A-12VDC 0.5A-24VDC	0.9A-12VDC 0.5A-24VDC	0.8A-12VDC 0.4A-24VDC
Avg. Power	12 W	12 W	10 W
Max. Current	1.9A-12VDC 1.0A-24VDC	1.9A-12VDC 1.0A-24VDC	1.6A-12VDC 0.8A-24VDC
Max. Power	24 W	24 W	20 W
Dimensions	ø118,5/80mm	ø118,5/80mm	ø118,5/80mm
Light colour*	A* - amber	B* - blue	R* - red
Lampshade colour**	A** - amber C** - colourless	B** - blue C** - colourless	R** - red C** - colourless
Operating temperature	-30 °C/ +50 °C	-30 °C/ +50 °C	-30 °C/ +50 °C
Synchronization	Max. 10 pcs	Max. 10 pcs	Max. 10 pcs
Fulfilis	R65 class 2* , R10	R65 class 2* , R10	R65 class 2* , R10
Cable length after stretching	>5 m	>5 m	>5 m
Lifetime ****	≥ 35000 h	≥ 35000 h	≥ 35000 h

\* light colour and class  
\*\* lampshade colour  
\*\*\* type of mounting  
\*\*\*\* estimated lifetime based on calculated lifetime of critical components

## APPLICATIONS

mBWL can be widely used in different types of application:

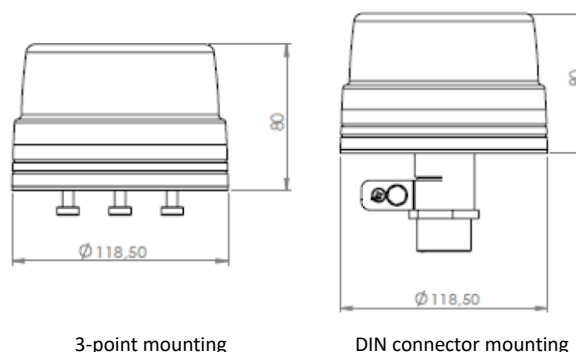
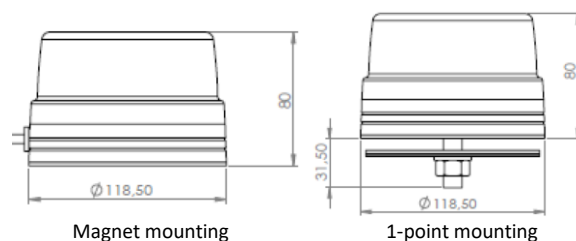
- Car police lights
- Ambulance lights
- Vehicles and construction machines lights
- Fire-fighting vehicles lights
- Roadside assistance vehicles lights
- Road service vehicles lights



## FEATURES

- Cree® LEDs
- High efficiency and resistant for weather conditions
- Day/night mode
- 5 Flash Patterns
- Reverse polarity protection
- Synchronization up to 10 pcs.
- Memorizing the last flash pattern setting

## DIMENSIONS



### Contact:



+40 748 751 465

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

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

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## MARKS

- TA2 Light colour-amber/ Class 2, i.e. day/night mode
- TB2 Light colour-blue/ Class, 2 i.e. day/night mode
- TR2 Light colour-red/ Class, 2 i.e. day/night mode

## FLASH PATTERNS

	Flash Patterns
1	Single
2	Double
3	Triple
4	Quad
5	Steady

## ORDERING CODE

Ordering code	Item	Description
170507.083A41M7	mBWL-TA2-A-1bm-AP	Amber light, amber lampshade, 1-point mounting
170507.083A42M7	mBWL-TA2-A-m-AP	Amber light, amber lampshade, magnet mounting
170507.083A43M7	mBWL-TA2-A-3bm-AP	Amber light, amber lampshade, 3-point mounting
170507.083A44M7	mBWL-TA2-A-DIN-AP	Amber light, amber lampshade, DIN connector mounting
170507.083A51M7	mBWL-TA2-C-1bm-AP	Amber light, colourless lampshade, 1-point mounting
170507.083A52M7	mBWL-TA2-C-m-AP	Amber light, colourless lampshade, magnet mounting
170507.083A53M7	mBWL-TA2-C-3bm-AP	Amber light, colourless lampshade, 3-point mounting
170507.083A54M7	mBWL-TA2-C-DIN-AP	Amber light, colourless lampshade, DIN connector mounting
170507.083B31M7	mBWL-TB2-B-1bm-AP	Blue light, blue lampshade, 1-point mounting
170507.083B32M7	mBWL-TB2-B-m-AP	Blue light, blue lampshade, magnet mounting
170507.083B33M7	mBWL-TB2-B-3bm-AP	Blue light, blue lampshade, 3-point mounting
170507.083B34M7	mBWL-TB2-B-DIN-AP	Blue light, blue lampshade, DIN connector mounting
170507.083B51M7	mBWL-TB2-C-1bm-AP	Blue light, colourless lampshade, 1-point mounting
170507.083B52M7	mBWL-TB2-C-m-AP	Blue light, colourless lampshade, magnet mounting
170507.083B53M7	mBWL-TB2-C-3bm-AP	Blue light, colourless lampshade, 3-point mounting
170507.083B54M7	mBWL-TB2-C-DIN-AP	Blue light, colourless lampshade, DIN connector mounting
170507.083C11M7	mBWL-TR2-R-1bm-AP	Red light, red lampshade, 1-point mounting
170507.083C12M7	mBWL-TR2-R-m-AP	Red light, red lampshade, magnet mounting
170507.083C13M7	mBWL-TR2-R-3bm-AP	Red light, red lampshade, 3-point mounting
170507.083C14M7	mBWL-TR2-R-DIN-AP	Red light, red lampshade, DIN connector mounting
170507.083C51M7	mBWL-TR2-C-1bm-AP	Red light, colourless lampshade, 1-point mounting
170507.083C52M7	mBWL-TR2-C-m-AP	Red light, colourless lampshade, magnet mounting
170507.083C53M7	mBWL-TR2-C-3bm-AP	Red light, colourless lampshade, 3-point mounting
170507.083C54M7	mBWL-TR2-C-DIN-AP	Red light, colourless lampshade, DIN connector mounting

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