Datasheet sBWL

.MTXLED
SOLUTIONS

INTRODUCTION

The latest generation of flashing warning lamp sBWL, 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 guatantees 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.
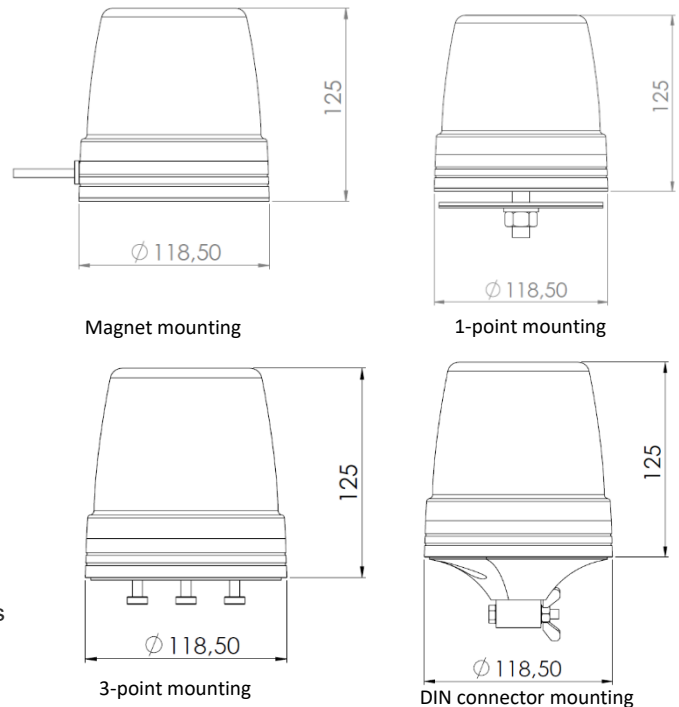
SPECIFICATION

sBWL-Tx*2-y**-z***-AP

Bulb	3W LED x 12 pcs.
Warning Patterns	4
Operating Voltage	11-30 VDC
Avg. Current	A/B*: 1.5A-12V DC/ 1A-24V DC R*: 1.1A-12V DC/ 0.6A-24V DC
Avg. Power	A/B*: 20 W (depends on pattern) R*: 14 W (depends on pattern)
Max. Current	A/B*: 2.9A-12V DC/ 1.5A-24V DC R*: 2A-12V DC/ 1.1A-24V DC
Max. Power	A/B*: 35W; R*: 25W
Dimensions	∅118,5/125mm
Light colour*	B*-Blue, A*-Amber, R*-Red
Lampshade colour**	B**-Blue, A**-Amber, R**-Red, C**-Colourless
Mounting system***	1PM***–1-point mounting M***– magnet mounting 3PM***–3-point mounting DIN***–DIN connector z*** – other/custom
Operating temperature	-30 °C/ +50 °C
Synchronization	Max. 10 pcs.
Fulfils	R65 class 2, R10
Cable length (Depends of mounting system)	M***: >5 m – Spiral Core 1PM***/3PM***: Red- VCC-200mm (20AWG) Black- GND -200mm (20AWG) Yellow-Flash Pattern & Sync-200mm (20AWG)
Lifetime ****	≥ 35000 h

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

FEATURES

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

APPLICATIONS

sBWL 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

DIMENSIONS

Magnet mounting

1-point mounting

3-point mounting

DIN connector mounting

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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

ORDERING CODE

Ordering code	Item	Description
170507.123A41S7	sBWL-TA2-A-1PM-AP	Amber light, orange lampshade, 1-point mounting
170507.123A42S7	sBWL-TA2-A-M-AP	Amber light, orange lampshade, magnet mounting
170507.123A43S7	sBWL-TA2-A-3PM-AP	Amber light, orange lampshade, 3-point mounting
170507.123A44S7	sBWL-TA2-A-DIN-AP	Amber light, orange lampshade. DIN connector mounting
170507.123A4z***S7	sBWL-TA2-A-z***-AP	Amber light, orange lampshade, z*** - custom mounting system
170507.123A51S7	sBWL-TA2-C-1PM-AP	Amber light, colourless lampshade, 1-point mounting
170507.123A52S7	sBWL-TA2-C-M-AP	Amber light, colourless lampshade, magnet mounting
170507.123A53S7	sBWL-TA2-C-3PM-AP	Amber light, colourless lampshade, 3-point mounting
170507.123A54S7	sBWL-TA2-C-DIN-AP	Amber light, colourless lampshade, DIN connector mounting
170507.123A5z***S7	sBWL-TA2-C-z***-AP	Amber light, colourless lampshade, z*** - custom mounting system
170507.123B31S7	sBWL-TB2-B-1PM-AP	Blue light, blue lampshade, 1-point mounting
170507.123B32S7	sBWL-TB2-B-M-AP	Blue light, blue lampshade, magnet mounting
170507.123B33S7	sBWL-TB2-B-3PM-AP	Blue light, blue lampshade, 3-point mounting
170507.123B34S7	sBWL-TB2-B-DIN-AP	Blue light, blue lampshade, DIN connector mounting
170507.123B3z***S7	sBWL-TB2-B-z***-AP	Blue light, blue lampshade, z*** - custom mounting system
170507.123B51S7	sBWL-TB2-C-1PM-AP	Blue light, colourless lampshade, 1-point mounting
170507.123B52S7	sBWL-TB2-C-M-AP	Blue light, colourless lampshade, magnet mounting
170507.123B53S7	sBWL-TB2-C-3PM-AP	Blue light, colourless lampshade, 3-point mounting
170507.123B54S7	sBWL-TB2-C-DIN-AP	Blue light, colourless lampshade, DIN connector mounting
170507.123B5z***S7	sBWL-TB2-C-z***-AP	Blue light, colourless lampshade, z*** - custom mounting system
170507.123C11S7	sBWL-TR2-R-1PM-AP	Red light, red lampshade, 1-point mounting
170507.123C12S7	sBWL-TR2-R-M-AP	Red light, red lampshade, magnet mounting
170507.123C13S7	sBWL-TR2-R-3PM-AP	Red light, red lampshade, 3-point mounting
170507.123C14S7	sBWL-TR2-R-DIN-AP	Red light, red lampshade, DIN connector mounting
170507.123C1z***S7	sBWL-TR2-R-z***-AP	Red light, red lampshade, z*** - custom mounting system
170507.123C51S7	sBWL-TR2-C-1PM-AP	Red light, colourless lampshade, 1-point mounting
170507.123C52S7	sBWL-TR2-C-M-AP	Red light, colourless lampshade, magnet mounting
170507.123C53S7	sBWL-TR2-C-3PM-AP	Red light, colourless lampshade, 3-point mounting
170507.123C54S7	sBWL-TR2-C-DIN-AP	Red light, colourless lampshade, DIN connector mounting
170507.123C5z***S7	sBWL-TR2-C-z***-AP	Red light, colourless lampshade, z*** - custom mounting system