

Mounting instruction SLB

INTRODUCTION

The special warning flash LED light SLB forms the equipment of warning signal of privileged road vehicles. It is adapted to be powered from the electrical system of vehicle with a voltage of 12V or 24V

It is 3 types depending on blue modules amount.

- SLB-2x4ML6-BLUE
- SLB-2x6ML6-BLUE
- SLB-2x8ML6-BLUE

• Lamp consist of aluminium profile, compartment, brackets and PC lampshade. Depending on variant lamp is consist of different amount of lampshade. In basic version inside the lamp is 6-LEDs modules with driver (ML6- BLUE). Arranged in the configuration 2x4, 2x6,2x8 and control module SLB-CONTROL

In modules used bright LEDs with individual lens. It makes that it is meet with regulation No. 65 UNECE. Lamp can have lampshade with any inscription. For example POLICE, AMBULANS ect. It is backlit additional LED (TL module) or consist of programmable matrix subtitle display using RGB LED (module MTL). Inside of lamp can be front, back (WL6, WL3) and side (WL3) LED module of working light (white light). In case of side working light side lampshade need to be modified (transparent lampshade must be added). Lamp can also has a speaker.

Depending on the configuration, the lamp length can be from 500 mm to 1800 mm.

The reduction of light intensity at night (class 2) is obtained be PWM modulation controlled SLB-CONTROL. It has switch on automatically when it's getting dark or manual with using an additional control line.

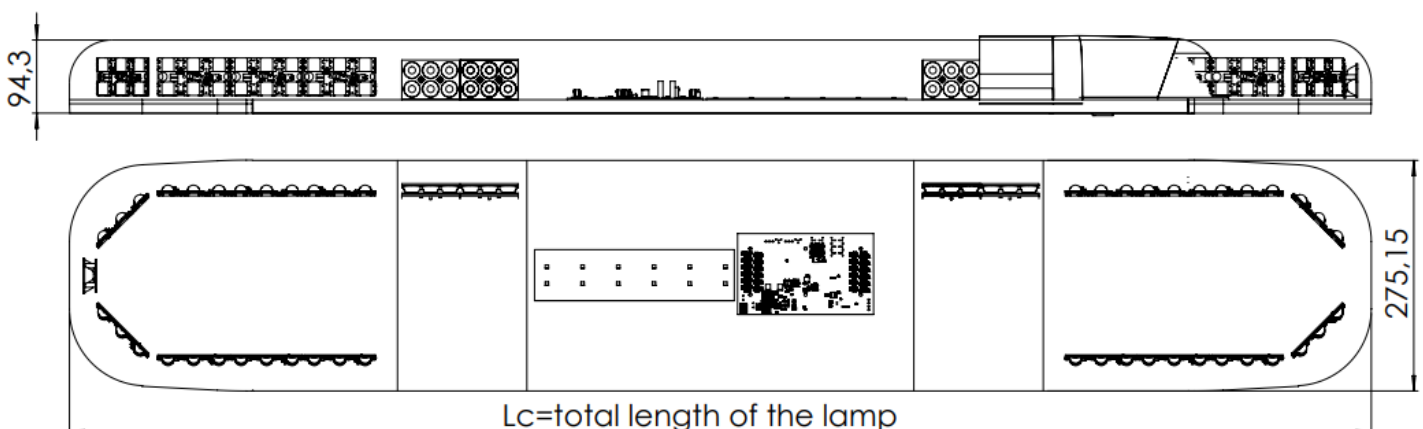
On request, the lamp can be equipped with:

- Lamp mounting brackets (permanently on the roof of the vehicle)
- Lamp mounting brackets (on the vehicle rail)
- Magnetic holder (allowing the lamp to be removed from the vehicle roof)

SLB has 4 flash patterns. To control flash pattern is used additional control line.

	Flash Patterns
1	Single
2	Double
3	Triple
4	Rotary

DIMENSIONS



Contact:



+40 748 751 465

sales@mtxledsolutions.com

www.mtxledsolutions.com

MTX LED reserves the right to make technical changes without prior notice

Copyright © MTX LED 16.06.2020 R01

Mounting instruction SLB

EQUIPMENT ELEMENTS

Equipment	Icon	Average power and power consumption
Modul LED 2x4ML6 blue		70 W 6A / 12V 3A / 24V
Modul LED 2x6ML6 blue		110 W 10A / 12V 5A / 24V
Modul LED 2x8ML6 blue		150 W 13A / 12V 7A / 24V
Front reflector WL6		18 W 1,5A / 12V 0,8A / 24V
Side reflector WL3		15 W 1,2A / 12V 0,6A / 24V
Subtitle backlight TL		10 W 0,8A / 12V 0,4A / 24V
Subtitle display MTL		25 W 2A / 12V 1A / 24V
Speaker S10/S15		100 W or 150W
Control module SLB-CON		-

Contact:



+40 748 751 465

sales@mtxledsolutions.com

www.mtxledsolutions.com

MTX LED reserves the right to make technical changes without prior notice

Copyright © MTX LED 16.06.2020 R01

Mounting instruction SLB

Depending on variant lamp can be power and controlled by single 12-wire cable or 12-pin socket

- Wire 12G0.75mm² AWG18, BLACK, 12 wire (standard 0,5 m).
- Or 12 pin-socket (standard 0,4 m)

Number of wire line	Number of line on control module (socket MRX557 [2x6])	Marking:	Description:
Black - 9	1	VIN	Power supply 12/24V
Black - 7	2	VIN	Power supply 12/24V
Black - 5	3	GND	Ground
Black - 1	4	GND	Ground
Black - 11	5	MODE_2x8/IN1*	Programmable input (eg. Mode selection; active high state) or speaker input-.
Black - 10	6	MODE_2x6/IN2*	Programmable input (eg. Mode selection; active high state) or speaker input-.
Black - 8	7	MODE_2x4/IN3*	Programmable input (eg. Mode selection; active high state)
Black - 6	8	PATTERN_CHANNE/IN4	Active high state, change pattern
Black - 4	9	TRYB_2x2/IN5*	Programmable input (eg. Mode selection; active high state)
Black - 3	10	DAY/NIGHT_MODE/IN6	Active high state - switching on night mode (~ 50% power)
Black - 2	11	GND_SIGNAL	Signal mass - connected to GND inside the lamp.
Yellow-green	-	EARTH	Grounding connected with cover

* Programmable input - universal programmable digital input (GND - VIN operating voltage range) - the input function depends on the lamp variant

Contact:



+40 748 751 465

sales@mtxledsolutions.com

www.mtxledsolutions.com

MTX LED reserves the right to make technical changes without prior notice

Copyright © MTX LED 16.06.2020 R01