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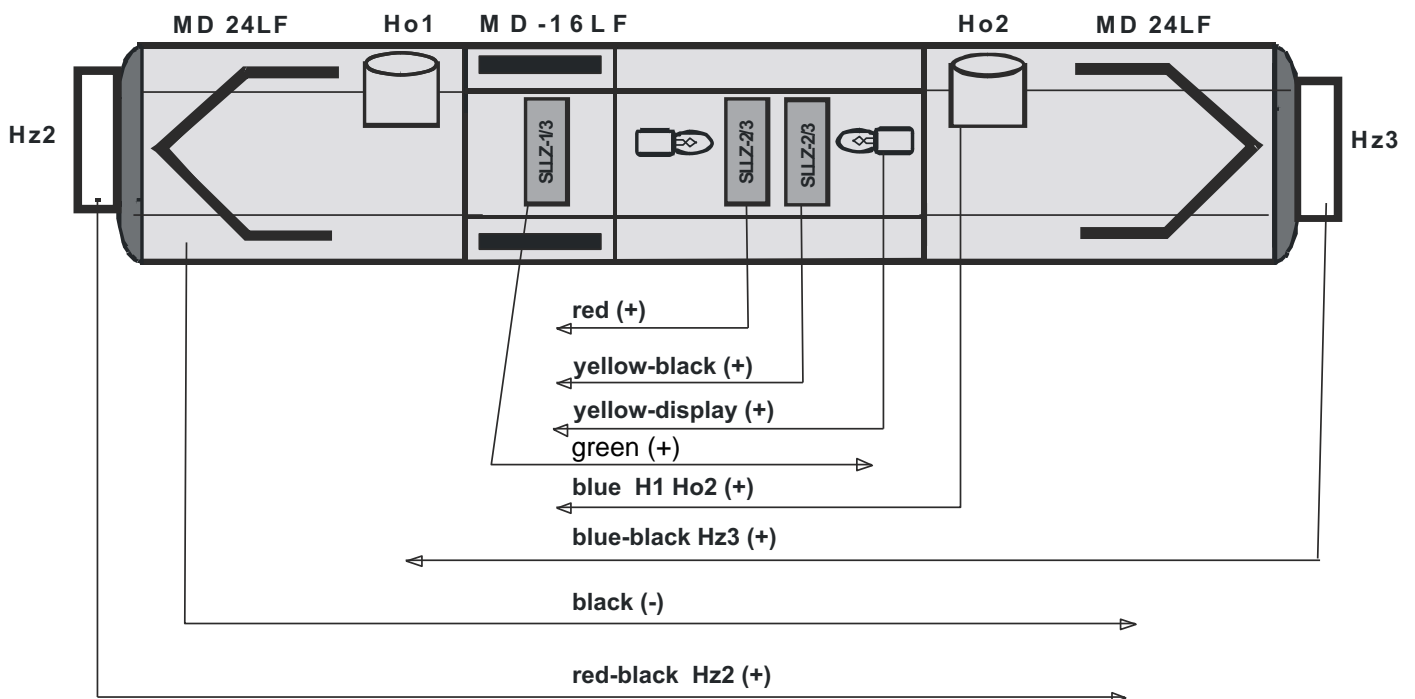
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INSTRUCTION FOR INSTALLATION AND USE

WARNING FLASH LED LIGHT BAR WITH HALOGENS

LZP-LF

BLUE COLOUR OF LIGHT



**WARNING FLASH LED LIGHT BAR WITH HALOGENS
LZP- LF
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General description:

The special warning flash LED light bar LZP-LF forms an elementary unit of the equipment of warning signal of privileged road vehicles.

The casing of the lamp consist of two aluminium shapes, upper aluminium section and lower aluminium section joined together through the brackets, partitions, front and side coloured covers fabricated with polycarbonate.

The surfaces of the contacts of the covers and shapes are sealed with the rubber shapes.

Inside the casing are placed two flash modules MD-24LF, which emit the warning vibrating blue light, made from the row of big power super bright LEDs equipped with the individual optical systems assuring the light distribution according to the requirements of the UNECE Regulation No. 65, module MD-16LF which emits the red light, the display with the incandescent bulbs, which highlights the inscription and the white additional halogen lamps, which enable to light the area from front of the vehicle.

From both side of the lamp, in its the lower part, are fixed the white halogen lamps, which enable to light the area from both sides of the lamp.

Inside of the LZP-LF lamp are placed the three warning LED lamp controllers, which control of the operation of the LED modules.

Electronic system of the lamp fulfil all the valid requirements of the UNECE Regulation No.10 concerning of electromagnetic compatibility.

Installation:

The lamp LZP-LF is designed for the fixing on the roof of the special vehicle across of the longitudinal axis of the vehicle on the special rubber washers, articulated grips and the special rail grips.

Way of the fixing and electrical connection define detailed instructions.

NOTE: Fix the lamp in way assuring that her base plane will be parallel to the road surface.

Electrical connection:

See scheme of electrical connections.

Technical data:

Supply voltage:	12VDC or. 24 VDC
Average current consumption of warning lamps:	7 A at 12VDC or 3.5A at 24VDC
Average current consumption of halogens with display:.....	23,6A at 12VDC or 14A at 24VDC
Frequency of flashes:.....	2.1 Hz
Operating temperature range:.....	- 20 °C to + 50 °C

ATTENTION: Rating voltage of halogens and display bulbs have to be in accordance with voltage of electrical car system.

Disassembly:

In aim of exchange of damaged units inside of lamp, execute following actions:

1. First, unscrew 4 screws 4,8x16, next, take off the side pane and the rubber washer.
2. Press down the shaped plastic in upper part and take out the blocking rod.
3. Take out the shaped plastic.
4. Take out the damaged component and repair it or exchange.
5. Repeat operations 1,2,3 in reverse succession.