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We have implemented ISO 9001

®





**INSTRUCTION**

**FOR INSTALLATION AND USE OF**

**SPECIAL WARNING ROTARY LIGHT BAR LZ-2OW**

General description

The special warning rotary light bar LZP-2OW forms an elementary unit of the equipment of privileged road

vehicles.

The flash effect is produced through reflection and focusing light beam of halogen bulb by the para bolic mirror, rotating with frequency 2-4 Hz.

The casing of the lamp consist of two aluminium shapes, the upper aluminium section and lower alumi nium

section joined together trought the brackets, partitions, front and side covers of blue color ,fab ricated with policarbonate.

Inside the casing are placed two flash units, the mirrors whitch reflect stream of the light.

The flash unit forms halogen bulb type H1 and power transmission system of the mirror.

Power transmission system of the mirror make DC motor with premament magnet and the warm gear assuring

the proper rotary speed of the mirror.

For purpose of elimination electromagnetic disturbanses generated by motor it is powered by the electromagnetic

filter consisting the capacity - inductive system.

Way of the fixing electrica l connection define detailed instructions.

**Installation of lamp**

The lamp LZP-2OW is designed for the fixing on the roof of special vehicle across of the longitudin al axis of the

vehicle on special rubber washers or articulated grip.

**NOTE:** Fix the lamp in this way, that her lower aluminium section plane will be parallel to the road surface.

**Electrical connection:**

See scheme of electrical connections.

**Specification**:

Supply voltage: 12VDC or 24VDC (it depends on castomer order)

Current: 11,8 amps @ 12VDC or 7,4 amps @ 24VDC

Flash frequency: 2-4Hz

Operating temperature : -20 °Cto +50 °C

Source of light: halogen bulb 12V/55W H1 type (version 12VDC of the lamp)

or halogen bulb 24V/70W H1 type (version 24VDC of the lamp)

**Disassembly of the lamp**

In order to exchange the bulbs it is necessary:

1. First, unscrew 4 screws 4,8x16, next, take off side pane and rubber washer.

2. Press down shaped plastic in upper part and take out the blocking rod.

3. Take out shaped plastic.

4. Exchange the damaged bulb.

5. Repeat operations 1,2,3 in reverse succession.

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