



Elektra®

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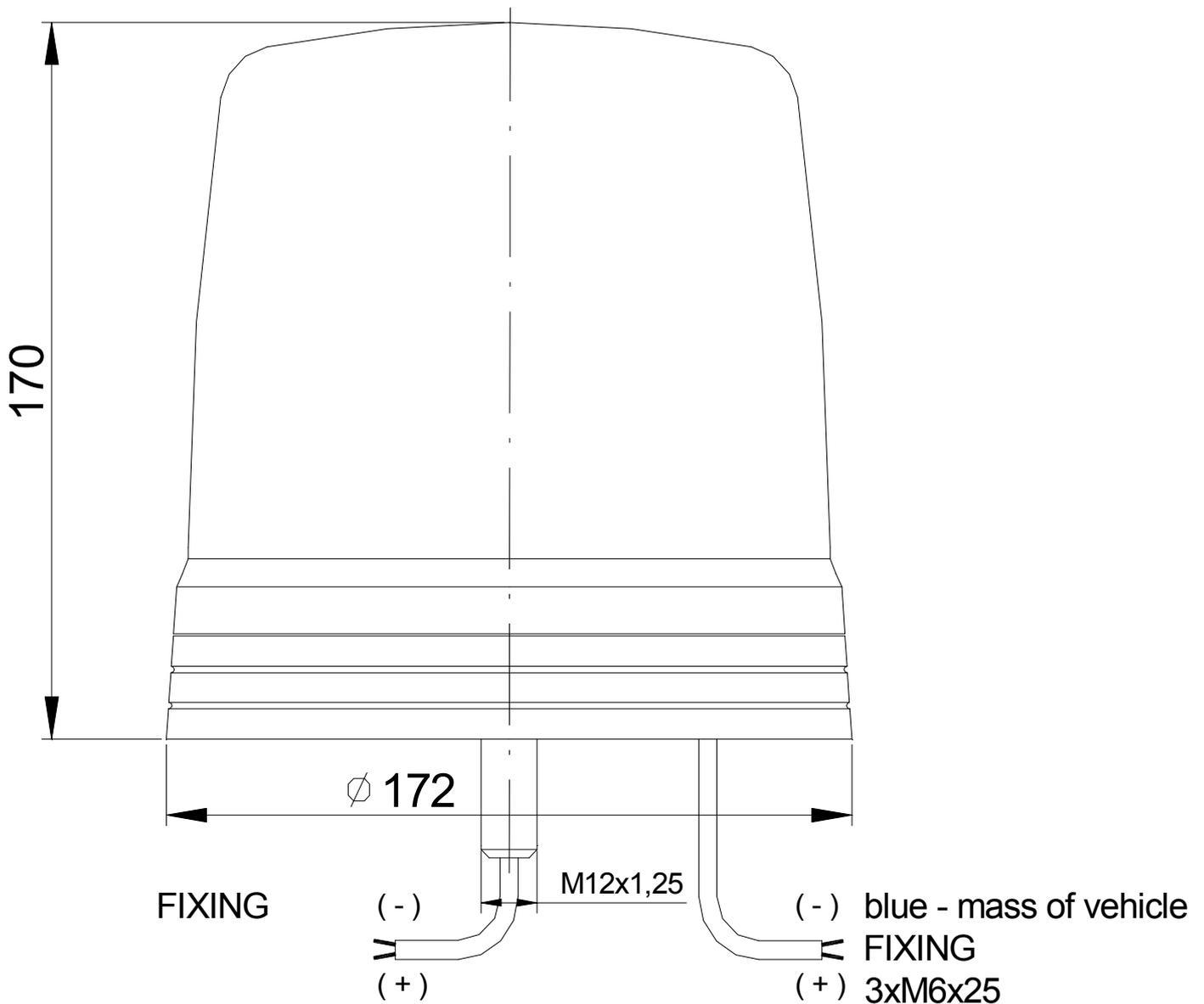
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ROTARY FLASH BEACON LBO - 2000



INSTRUCTION FOR INSTALLATION AND USE OF ROTARY FLASH BEACON LBO - 2000

General description

The rotating flashing beacon forms an elementary unit of the equipment of special and privileged road vehicles.

The working principle of this lamp is based on the emission very strong light beam from halogen bulb which is being reflected by a rotating parabolic mirror.

The lamp consist the polyamid lamp base , polycarbonate lamp cover and the rotation mechanism placed inside.

Power transmission system of the mirror make DC motor with permanent magnet and the worm gear.

The lamp is equipped with the interference filter used to elimination electromagnetic disturbances which stand up during motor operation.

Installation of lamp

Special warning beacon is designed to fix on the roofs of emergency car.

The basic way of mounting the lamp is fitting with 3 M6 bolts (diameter of pitch circle 130 mm/120° apart) from below through the roof, using the insert nuts in the base of the lamp.

For instalation purpose a four 7 mm. diameter through holes have to be drilled into cars body on the suitable place.

Under the lamp housing on the vehicle's roof a rubber sealing washer must be placed.

From above, through the proper hole of the roof, lead the power cable.

Then insert, from below through the drilled holes, a mounting bolts M6 with steel washers and screw the lamp.

NOTE:

Fix the lamp in this way, that her base plane will be parallel to the road surface.

Electrical connection

The cross section of the supplying wires should be at least 1,5 mm².

Connect the red wire via a switch to the positive end (+) of accumulator.

Connect the blue wire to the negative end (-) (vehicle chassis).

Technical specification:

Supply voltage: 12VDC (24VDC)

Average current consumption: 5A version 12V (3,2A version 24V)

Source of light: halogen bulb 12V/55W (24V/75W)

Flash frequency: 2÷ 4 Hz

Operating temperature range : - 20 °C to + 50 °C

Weight: 1.1 kG

Exchange of halogen bulb

Unscrew the lock screw on the lamp base.

Unwind cover of the lamp and remove the latter.

Remove the lock spring in the bottom part of the lamp-holder and exchange a halogen lamp.

All this steps to be carred out carefully without touching the concave surface of the mirror with bare finger, as such touching

would leave traces impossible to remove.

Next follow in inverse succession.