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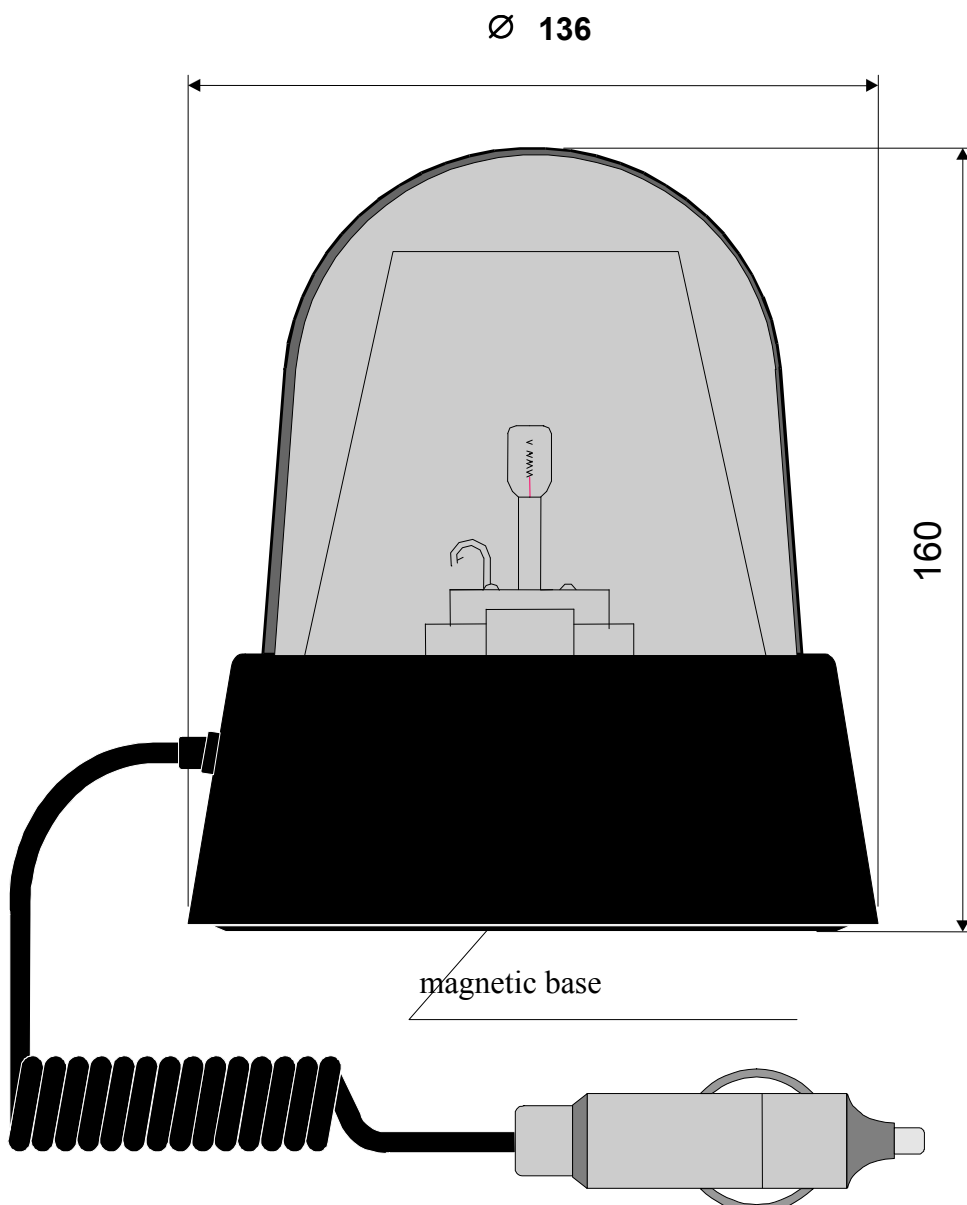
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ROTARY FLASH BEACON LBO-10/K1N



INSTRUCTION OF INSTALLATION AND USE OF ROTARY FLASH BEACON LBO-10/K1N

General description:

The rotary flash beacon on the magnetic base LBO-10/K1N has use as a source of the warning light of privileged (blue colour of the cover) and special (amber colour of the cover) road vehicles.

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

The casing of the lamp consists in the pressed base from the steel sheet, the plate with the neodymium magnets covered by the rubber plate and the coloured cover fabricated with polycarbonate.

Inside the casing is placed the flash unit.

The flash unit forms the halogen bulb type H1, the mirror, which reflects a stream of the light and the power transmission system of the mirror.

The power transmission system of the mirror make the DC motor with the permanent magnet and the worm gear assuring the proper rotary speed of the mirror.

For purpose of elimination electromagnetic disturbances generated by the motor it is powered by the electromagnetic filter consisting in the capacity or capacity - inductive system.

The supply voltage of the lamp is delivered through the feeder coiled cable about lengths 5m (when stretched) terminated the lighter connector.

Installation:

The lamp LBO-10/K1N is adapted to fixing on the roof of the special vehicle with the aid the magnetic base which consist in four neodymium magnets about the large attractive force, protected the rubber element.

The rubber element protects the roof of the car from scratches and simultaneously protects of the lamp from the displacement on the surface of the roof.

Electrical connection:

The lamp is powered through the lighter connector.

Technical data:

Supply voltage: 12V DC; (ver.24 VDC)

Average current consumption: 5 A ; (3,2A, ver. 24 VDC)

Source of light: halogen bulb H1 type 12V/55W; (24V/70W ver.24V)

Flash frequency: 2÷4 Hz

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

Note:

Magnetic fixing ensure an adhesion of the lamp for a speeds of the car not surpassing 240 km/hour