



*Elektra*®

ZAKŁADY ELEKTROMECHANICZNE S.I.  
ul. Przasnyska 6A  
01-756 Warszawa

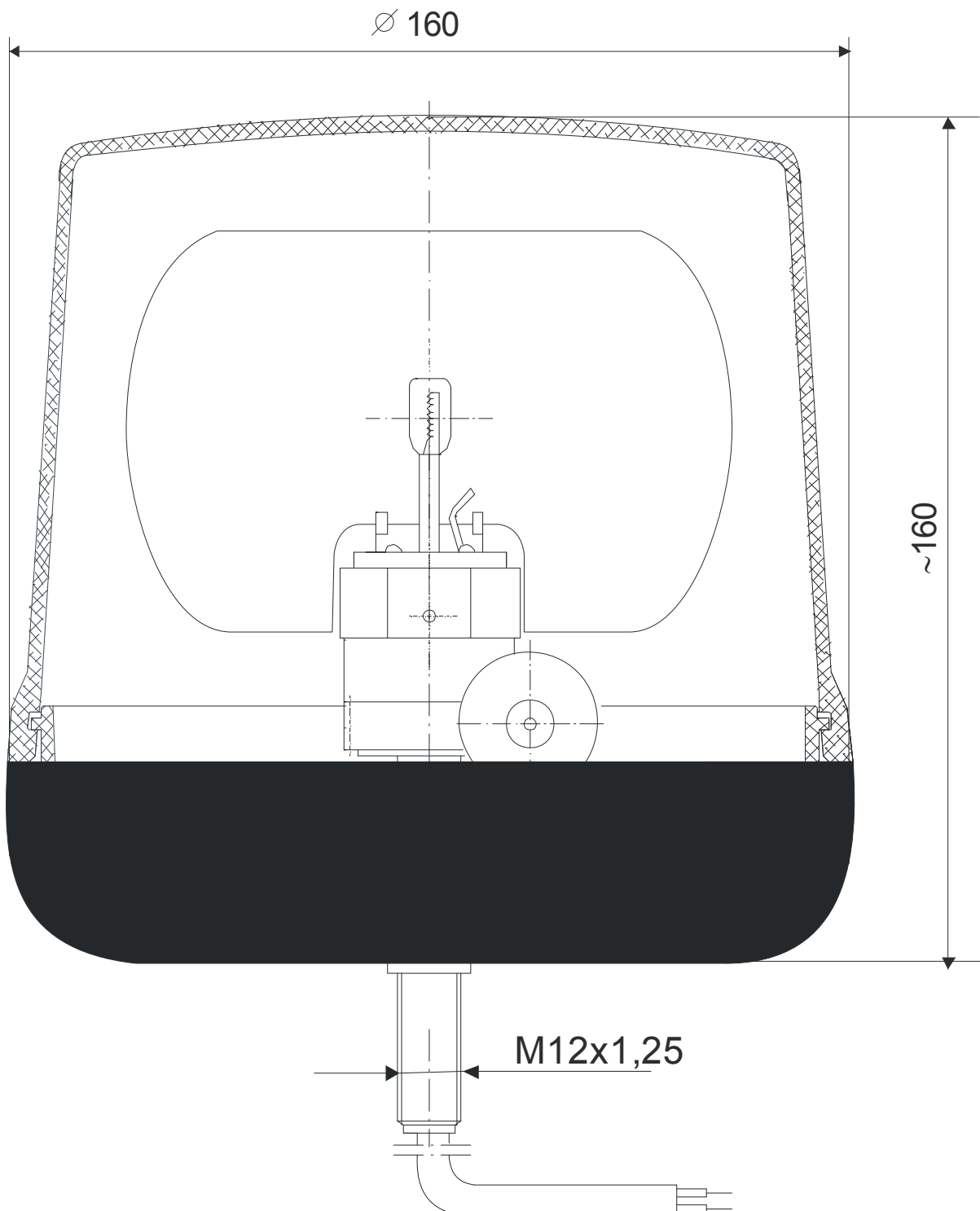
We have implemented ISO 9001

Tel. 022 4316 171 lub 172 Fax. 022 639 7345

[www.zeelektra.com.pl](http://www.zeelektra.com.pl)

email: [handel@zeelektra.com.pl](mailto:handel@zeelektra.com.pl)

## ROTARY FLASH BEACON LBO-10T



# INSTRUCTION INSTALLATION OF ROTARY FLASH BEACON LBO-10T

## General description:

The rotary flash beacon has use as a source of the warning light of privileged and special road vehicle.

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 polyamid base, 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.

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

## Installation:

The lamp LBO-10T is adapted to fixing on the roof of the special vehicle with the aid the bracket with the M12x1,25 screw thread.

## Electrical connection:

The supply voltage of the lamp is delivered through the feeder additional cable.

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

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

## Technical data:

Supply voltage:	12V DC or 24 VDC
Average current consumption:	5 amps at 12V DC or 3,2 amps at 24V DC
Source of light :	halogen bulb 12V/55W typ H1 at 12V DC halogen bulb 24V/70W typ H1 at 24V DC
Flash frequency:	2-4 Hz
Operating temperature range :	- 20 °C to + 50 °C
Weight:	1.1 kG