



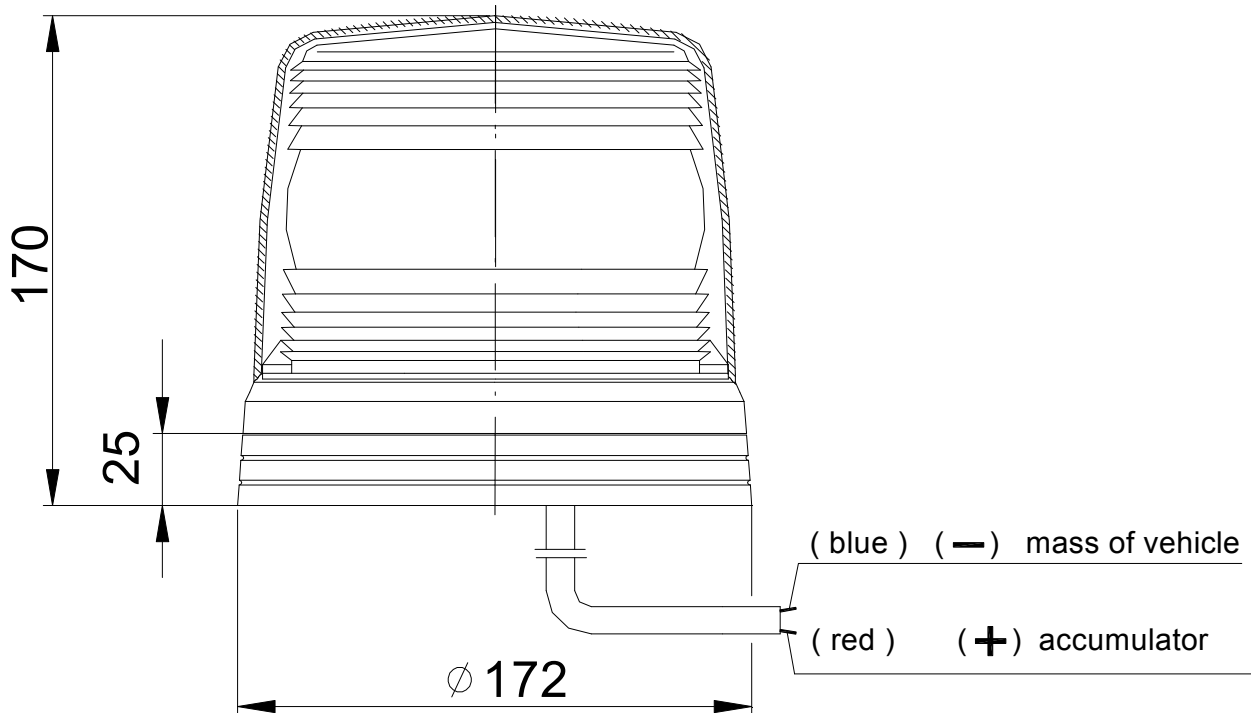
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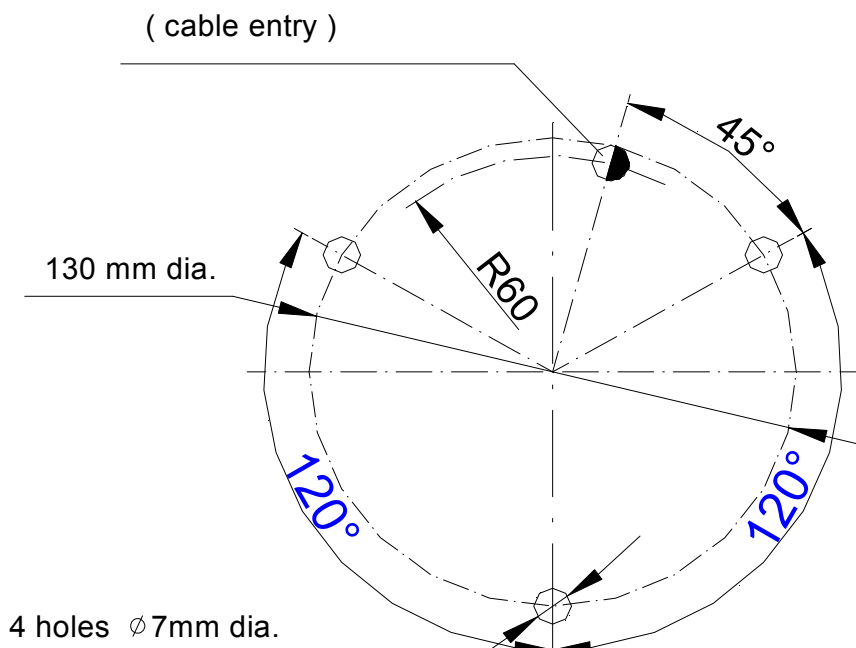
We have implemented ISO 9001

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ELECTRONIC FLASH BEACON type LBX-2000 (overall dimensions)



Spacing of fixing holes



FIXING:

rubber washer $\phi 171$
3 x M6x25 bolts

**INSTRUCTION FOR INSTALLATION AND USE OF
SPECIAL WARNING BEACON
LBX-2000**

General description

The electronic double flash beacon forms an elementary unit of the equipment of the privileged road vehicles.

The working principle of this lamp is based on the emission very strong light flashes which are generated in the moments of pulse discharging capacitor by flash tube.

Special designed an electronic system enable supply lamp using both 12VDC and 24VDC voltage. The lamp consist the polyamid lamp base , the polycarbonate lamp cover, the Fresnel lens and an electronic system.

The lamp is equipped with the interference filter used to elimination an electromagnetic disturbances which stand up during the converter operation, and it is protected against reverse polarity supply voltage

(5A internal slow-blowing fuse).

It has low current consumption.

Xenon tube ensure for a minimum of 5000 hours use.

The Elektra electronic lamps are characterised by their low power consumption an high performance.

Installation of lamp

The special warning beacon LBX-2000 is designed to fix on the roofs of the emergency cars.

The basic way of mounting the lamp is fitting with M6 bolts (diameter of pitch circle 130 mm/120° apart. – in accordance with ISO 4148 category B1) from below throught the roof, using the insert nuts in the base of the lamp.

When selecting the bolts please note that the reach of the bolt in lamp box is not more than 25 mm.

For instalation purpose a three 7 mm. diameter through holes have to be drilled into cars body on the suitable place and one 8,5 mm hole.

Our rubber sealing washer can be used as a template.

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

Then insert from below throught the drilled holes a mounting bolts M6x25 with steel washers and screw the lamp.

Under bolt head have to be placed the 6,1 spring washer first and next the 6,5x18 washer.

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

Electrical connection

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

Connect the red cable via a switch to the positive end (+).

and clamp the blue cable to the negative end (-) (vehicle chassis).

Specification:

Voltage: 10,8VDC - 30VDC

Current: 3,5 amps @ 12VDC or 1,8 amps @ 24VDC

Energy of flashes: 11J, 2.5J

Flash frequency: 2.1 Hz

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

Weight: 1.25 kG

Warnings

Inside of the lamp occurs HIGH VOLTAGE !.

Therefore before opening the lamp, switch off the voltage supply and wait at least 2 minutes.