

INSTRUCION FOR INSTALLATION AND USE  
WARNING LED BEACON ON MAGNETIC BASE *LBL-20K1N*

**General description:**

The warning LED beacon on the magnetic base LBL-20K1N has use as a source of the warning light of the privileged and special road vehicles.

The casing of the lamp consists of the ABS lamp base, the steel plate with the neodymium magnets covered by the rubber plate and the coloured chequer cover fabricated with PC.

Inside the casing is placed the electronic flash unit.

Flash unit forms the super power LEDs (12 units) placed in the focuses of the special designed lenses assuring a proper distribution of the light.

The working principle of this lamp is based on the emission of very strong vibrating light flashes.

The special designed electronic system enables the supply of the lamp using both the 12V / 24V DC electric car system and ensures a delivery indispensable voltages, which are needed to creation the four-time flash about the proper effective luminous intensity value of the component flashes.

Electronic system of the lamp is designed in order to perform conditions of R10 Regulation.

**Installation:**

The lamp LBL-20K1N is adapted to fixing on the roof of the special vehicle with the aid of the magnetic base which consist of four neodymium magnets about the large attractive force, protected by 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 supply voltage of the lamp is delivered through the feeder coiled cable about lengths 5m terminated the lighter connector.

**Technical data:**

Supply voltage	V	12	24
Average current consumption	A	1,2	0,6
Flash frequencies	Hz	2,1	
Operating temperature range	°C	-30 +50	
Dimensions	mm	Ø120 x 140	

**Notes:**

Magnetic fixing ensure an adhesion of the lamp for a speeds of the car not surpassing 280 km/hour.



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We have implemented ISO 9001

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