

OPERATION INSTRUCTION

LED Beacons

7107

Specifications



SAE J845 ECE R10 R65

The 7107 LED beacon serie offers cost effective, reliable LED warning solutions that meet SAE Class I and Class II requirements.

It is a rechargeable beacon with battery inside, and sucker with magnet mount. The lens is replaceable.

The electronics are encapsulated in epoxy for dust, moisture and vibration protection while the thread-on polycarbonate lens allows easy flash mode selection. This cost-effective beacon series with extended long lifespan can easily replace old rotating or strobe beacons.



WARNING

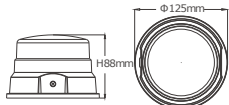
Failure to install or use this product according to manufacturer's recommendations may result in property damage, serious bodily/personal injury, and/or death to you and those you are seeking to protect, and/or death to you and those you are seeking to protect!



Do not install and/or operate this safety product unless you have read and understand the safety information contained in this manual.

- 1 Proper installation combined with operator training in the use, care, and maintenance of emergency warning devices are essential to ensure the safety of you and those you are trying to protect.
- 2 Exercise caution when working with live electrical connections.
- 3 This product must be properly grounded. Inadequate grounding and/or shorting of electrical connections can cause high current arcing, which can cause personal injury and/or severe vehicle damage, including fire.
- 4 Proper placement and installation are vital to the performance of this warning device. Install this product so that output performance of the system is maximized and the controls are placed within convenient reach of the operator so that he can operate the system without losing eye contact with the roadway.
- 5 It is the responsibility of the vehicle operator to ensure during use that all features of this product work correctly. In use, the vehicle operator should ensure the projection of the warning signal is not blocked by vehicle components (i.e., open trunks or compartment doors), people, vehicles, or other obstructions.

Product Specification

Model	7107
LED Color	Amber / Blue / Red / White / Green/Dual Color
Input Voltage	13.5V
Input Current	0.48A
Max Power	6.4W
Flash Pattern	11
Size(Φ*H)	125x88mm
	

Flash Patterns

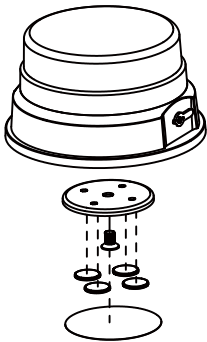
Sequence	Description	FPM
1	Single	150
2	Single	70
3	Double	155
4	Double	110
5	Single	1000
6	Alternate single flash	30
7	Alternate single flash	220
8	Alternate double flash	105
9	Steady burn inner circle	
10	Steady burn outer circle	
11	Steady burn both inner and outer circle	



WARNING

THE USE OF ANY MAGNETICALLY MOUNTED WARNING DEVICE ON THE OUTSIDE OF A VEHICLE IN MOTION IS NOT COMMEDED AND IS AT THE SOLE RISK AND RESPONSIBILITY OF THE USER.

Temporary Magnetic Mounting



Clean the mounting surface with a 50/50 mix of isopropyl and water and dry thoroughly. Place the beacon onto the mounting surface. Note that the base should be in full contact with this surface. Plug the cigar adaptor power cord into the vehicle cigar lighter.

Wiring Instructions

IMPORTANT WARNING! Do not look directly at these LEDs while they are on. Momentary blindness and/or eye damage could result!



100-240V charger for options

Operation Instruction:

- First Touch lightly,awaken the LED beacon.
- Long press two seconds,start up/light off.
- Switch the mode by touch lightly within one second.
- If need steady work,just switch to the steady mode.
- When power button light go from red to green is fully charged.
- The voltage of battery of this lamp is 11.8V,so if the charging battery of vehicle car in the end user above 13V,then this lamp can be full charged with Cigar plug. While if the charging battery of the vehicle car in the end user below 13V,then this lamp can only charged 80%.
- If your use 100-240V charger,you can make it 100% full charged.

Maintenance & Troubleshooting

Maintenance:

This LED beacon has been designed for trouble free operation. There are no periodic maintenance needs for this model.

Troubleshooting:

Most beacon failures, including intermittent or erratic operation as well as failure of operation can be traced to wiring or battery problems. Check all wiring, connections, fuse, switch, and battery voltage to insure that the correct voltage is reaching the beacon.