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› [OSRAM LEDguardian ROAD FLARE Signal V16 Emergency Beacon Instruction Manual](#)

OSRAM LEDSL102

OSRAM LEDguardian ROAD FLARE Signal V16 Instruction Manual

Model: LEDSL102

1. INTRODUCTION

The OSRAM LEDguardian ROAD FLARE Signal V16 is an advanced LED emergency beacon designed to enhance safety during roadside emergencies. This device provides a highly visible warning signal to other drivers, helping to prevent accidents. Its compact design and magnetic base allow for quick and secure placement on your vehicle. This manual provides essential information for the proper use, maintenance, and care of your LEDguardian ROAD FLARE Signal V16.



Image 1.1: The OSRAM LEDguardian ROAD FLARE Signal V16 with its retail packaging.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using the OSRAM LEDguardian ROAD FLARE Signal V16. Failure to follow these instructions may result in injury or damage to the product.

- Battery Safety:** Use only the specified 9V battery. Ensure correct polarity when inserting the battery. Do not mix old and new batteries, or different types of batteries. Remove batteries if the device is not used for extended periods to prevent leakage.
- Placement:** Always place the beacon on a stable, flat, metallic surface of your vehicle, such as the roof, to ensure maximum visibility and secure attachment. Avoid placing it on curved or non-metallic surfaces where the magnetic base may not adhere properly.
- Visibility:** Ensure the beacon is not obstructed by vehicle parts, cargo, or other objects when in use.
- Legal Compliance:** Be aware of and comply with local traffic laws and regulations regarding the use of emergency warning devices. This device is V16 and DGT certified for use in Spain.
- Environmental Conditions:** The device is designed to be water-resistant (IP54), but avoid submerging it in water. Operate within specified temperature ranges.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present:

- 1 x OSRAM LEDguardian ROAD FLARE Signal V16 Emergency Beacon
- 1 x 9V Battery (pre-installed or included separately)
- Instruction Manual (this document)



Image 3.1: The LEDguardian ROAD FLARE Signal V16 and its packaging, suitable for storage.

4. SETUP

Follow these steps to prepare your LEDguardian ROAD FLARE Signal V16 for first use:

1. **Battery Installation:** The device requires one 9V battery. If the battery is not pre-installed, or if there is a protective plastic tab, open the battery compartment (usually located at the bottom or side) and insert the 9V battery, ensuring the correct polarity (+/-). If a plastic tab is present, gently pull it out to activate the battery.
2. **Initial Test:** Press the power button (located on the top surface) to ensure the light activates. Press again to turn it off.
3. **Storage:** Store the device in an easily accessible location within your vehicle, such as the glove compartment, so it can be quickly deployed in an emergency.



Image 4.1: Top view of the LEDguardian ROAD FLARE Signal V16, highlighting the central power button.

5. OPERATING INSTRUCTIONS

The LEDguardian ROAD FLARE Signal V16 is designed for simple and rapid deployment during an emergency.

- Deployment:** In case of a vehicle breakdown or accident, ensure your safety first. Retrieve the LEDguardian ROAD FLARE Signal V16 from its storage location.
- Activation:** Press the power button located on the top of the device. The beacon will immediately begin emitting its flashing amber light.
- Placement:** Place the activated beacon on the highest possible metallic surface of your vehicle, typically the roof. The strong magnetic base will secure it in place. This ensures maximum visibility to approaching traffic from all directions (360 degrees).
- Deactivation:** Once the emergency situation is resolved and it is safe to do so, remove the beacon from your vehicle and press the power button again to turn it off.



Image 5.1: Securely placing the LEDguardian ROAD FLARE Signal V16 on the vehicle's roof.



Image 5.2: The beacon providing a visible warning signal on a vehicle.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your emergency beacon.

- **Battery Replacement:** When the light output diminishes or the device fails to activate, it is time to replace the 9V battery. Open the battery compartment, remove the old battery, and insert a new 9V battery, observing polarity.
- **Cleaning:** Wipe the exterior of the device with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the housing or lens. Ensure the magnetic base is clean and free of debris for optimal adhesion.
- **Storage:** Store the device in a cool, dry place away from direct sunlight when not in use. Ensure the battery is not activated during storage to preserve battery life.

7. TROUBLESHOOTING

If you encounter issues with your LEDguardian ROAD FLARE Signal V16, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	Dead or improperly installed battery.	Replace the 9V battery, ensuring correct polarity. Check for any protective plastic tab that needs removal.
Light is dim or flickers.	Low battery power.	Replace the 9V battery.
Beacon does not adhere securely to the vehicle.	Magnetic base or vehicle surface is dirty, or surface is not metallic/flat.	Clean the magnetic base and the vehicle surface. Ensure placement on a flat, metallic part of the vehicle. Avoid curved or non-metallic areas.
Water ingress or damage after exposure to rain.	Device was submerged or exposed to extreme conditions beyond IP54 rating.	The device is water-resistant, not waterproof. Avoid submerging. If damaged, discontinue use and consider replacement.

8. SPECIFICATIONS

- **Model:** LEDSL102
- **Light Source:** LED
- **Brightness:** 140 lumens
- **Battery:** 1 x 9V (included)
- **Dimensions:** 8.3 x 8.3 x 5.7 cm (L x W x H)

- **Weight:** 150 g
- **Water Resistance:** IP54
- **Mounting:** Magnetic base
- **Visibility:** 360-degree warning light
- **Certifications:** V16 Certified, DGT Certified (Spain)
- **Vehicle Fit Type:** Universal



Image 8.1: V16 Certified and 360-degree visibility icons.

9. WARRANTY AND SUPPORT

The OSRAM LEDguardian ROAD FLARE Signal V16 comes with a **2-year OSRAM Guarantee**. For warranty claims or technical support, please contact OSRAM customer service or refer to the official OSRAM website for detailed support information.



Image 9.1: Product packaging highlighting key features including the 2-year guarantee.

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Related Documents - LEDSL102

 <p>e:cue SYMPHOLIGHT 3.0 User Manual</p>	<p>e:cue SYMPHOLIGHT 3.0 User Manual</p> <p>Comprehensive user manual for e:cue SYMPHOLIGHT 3.0, detailing installation, features, automation, and advanced functionalities for digital lighting control.</p>
	<p>OSRAM DALI MCU TW G2: DALI Controller for Tunable White Lighting</p> <p>Comprehensive guide to the OSRAM DALI MCU TW G2, a DALI-2 application controller for manual dimming and tunable white color temperature adjustment in lighting systems. Includes technical specifications, installation, operation, and safety instructions.</p>

	<p><u>OSRAM OTi180W/UNV/1800C/2DIM/P6/G2 LED Power Supply Technical Specifications</u></p> <p>Detailed technical specifications for the OSRAM OTi180W/UNV/1800C/2DIM/P6/G2 LED Power Supply, covering electrical, environmental, dimming, and performance characteristics.</p>
	<p><u>OSRAM OPTOTRONIC LED Drivers and Power Supplies Reference Guide</u></p> <p>Comprehensive reference guide for OSRAM OPTOTRONIC LED drivers and power supplies, detailing constant voltage and constant current models with specifications, selection maps, and programming tools. Includes product listings by type and application.</p>
	<p><u>OSRAM NIGHT BREAKER® LED Compatibility List for Cars, Campers, and Special Vehicles</u></p> <p>Comprehensive compatibility list for OSRAM NIGHT BREAKER® LED and NIGHT BREAKER® LED GEN 2 automotive lighting solutions, covering a wide range of car, camper, and special vehicle models. Find the right LED replacement lamps for your vehicle.</p>
	<p><u>OSRAM TYREinflate 6000 Digitaler Reifenfüller und Luftpumpe Produktdatenblatt</u></p> <p>Umfassendes Produktdatenblatt für den OSRAM TYREinflate 6000 (OTIR6000), einen kabellosen, wiederaufladbaren digitalen Reifenfüller mit Li-Ion Akku. Enthält technische Spezifikationen, Funktionen wie automatische Stopp-Funktion und Luftablassventil, sowie Informationen zu Anwendung, Umwelt und Verpackung.</p>