

LEDguardian ROAD FLARE Signal V16 IoT



DGT 3.0 certified

Approved according to DGT 3.0 regulations



Smart and connected

Enables real-time localization and anonymous data transfer to the DGT 3.0 platform in the event of an emergency



Magnetic mounting

Due to the magnetic function the LED warning light can be conveniently attached to the car



Protection class: IP54

Withstand varying outdoor conditions like rain, snow or fog



Light is safety - See and be seen with OSRAM

The LEDguardian ROAD FLARE Signal V16 IoT is a regulatory warning light that is certified, approved and connected to the DGT 3.0 network in Spain. Its use will be mandatory in Spain starting January 1, 2026, replacing the current warning triangles¹⁾. The warning light with an integrated SIM card, anonymously transfers data to the DGT 3.0 platform, signaling the vehicle's position without the need for the driver to get out of the vehicle. The connection with the DGT 3.0 platform, enables real-time localization and transmits immediately crucial information about a potentially dangerous situation in road traffic to other drivers' navigators and to nearby variable public information panels. Equipped with a magnetic attachment, battery indicator, and a 9V battery included, it's designed for

quick and fast mounting. With a simple on/off switch, this energy-efficient warning light offers a long lifespan and modern design, making it an essential addition to your road safety kit. Additionally, OSRAM offers a 12-year guarantee²⁾.

1) Please observe any special requirements and laws in countries outside Spain regarding the use and operation of an additional warning light in road traffic

2) For precise conditions please refer to:
www.osram.com/am-guarantee

Product family datasheet

Technical data




| Product description | Product information | General Product Information | Electrical Data | |
|---------------------|---|-----------------------------|-----------------|-----------------|
| | Application (Category and Product specific) | Global order reference | Nominal wattage | Nominal voltage |
| LEDguardian | Warning and safety lights | LEDSL105 | 4 W | 9 V |

| Product description | Photometric Data | | Physical Attributes & Dimensions | |
|---------------------|-------------------|-----------------|----------------------------------|---------|
| | Color temperature | Light color LED | Product weight | Length |
| LEDguardian | 1900 K | Orange | 200.00 g | 84.0 mm |

| Product description | Width | Height | Lifetime Data | Capabilities |
|---------------------|---------|---------|---------------|--------------|
| | | | Guarantee | Technology |
| LEDguardian | 84.0 mm | 60.0 mm | 12 years | LED |

| Product description | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---------------------|---|------------------------------------|
| | Candidate list substance 1 | Declaration no. in SCIP database |
| LEDguardian | No declarable substances contained | No declarable substances contained |

Download Data

| File | |
|---|---|
|  | User instruction LEDguardian ROAD FLARE Signal V16 IoT |
|  | User instruction LEDguardian ROAD FLARE Signal V16 IoT |
|  | User instruction GPRS_Safety symbols instructions |

Safety advice

For detailed application information, please refer to the product data sheet and the user instruction

Legal advice

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Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.