

## LIGHTsignal HAL BEACON LIGHT

Warning and safety lights



### 360° rotating beacon light

Improved visibility and therefore increased safety for you and others



### 24V compatible

The beacon is suitable for 24V vehicles and due to the robust and functional design the beacon offers different application possibilities and a high flexibility.



### Protection class: IP65

The OSRAM LIGHTsignal HAL has been tested in our DIN EN ISO/IEC 17025 certified environmental simulation laboratory for extreme external influences in terms of water, dust, heat and cold and validated with the protection class IP65



### ECE Certified - ECE R65 & ECE R10

The required tests and approvals have been carried out and an ECE type approval has been granted<sup>1)</sup>

### Light is safety- See and be seen with OSRAM

The OSRAM LIGHTsignal HAL BEACON LIGHT is a 360° rotating yellow beacon light that can be mounted on vehicles with unusual width, length or load, as well as on municipal vehicles, emergency, command and accident relief vehicles to draw attention to an unusual situation on the road or in the working environment. The rotating beacon from OSRAM can be used for better visual recognition, marking and securing of danger spots or special locations. Furthermore, rotating beacons are used in certain facilities, on machines and devices as well as in alarm systems. The



rotating beacon from OSRAM is characterized by a high efficiency due to a high-quality H1 halogen lamp with up to 1900 lumens and 2200 Kelvin and thus ensures improved visibility and therefore increased safety for you and others - during the day and at night. Thanks to its non-slip, shock-absorbing rubber base, the warning light from OSRAM is particularly resistant to vibration. At the same time, the fully rubberized base contributes as a seal between the product and the underground. To reduce and prevent dirt from accumulating on the beacon, the OSRAM LIGHTsignal HAL uses a smooth surface on the housing, thus preventing the signal effect from being impaired by dirt. The OSRAM LIGHTsignal HAL BEACON LIGHT convinces by a high luminosity. With the help of a special texture inside the housing and through the highly polished parabolic reflector, an efficient and effective light output is generated. The beacon is suitable for 24V vehicles and due to the robust and functional design the beacon offers different application possibilities and a high flexibility. The mounting material included in the scope of delivery allows a direct and accurate mounting and thus an immediate use of the beacons. The three-point mounting system allows the beacon to be securely and firmly mounted on the vehicle roof. In addition, the LIGHTsignal HAL beacon light from OSRAM complies with the ECE R10 and R65 directives and is therefore approved for use in road traffic<sup>1)</sup> The OSRAM LIGHTsignal has been tested in our DIN EN ISO/IEC 17025 certified environmental simulation laboratory for extreme external influences in terms of water, dust, heat and cold and has been validated with IP protection class IP65.. OSRAM grants 2 years guarantee on this product<sup>2)</sup> Special regulations apply regarding the use and application of rotating beacons. This is regulated in the respective, country-specific road traffic licensing regulations.

Product family datasheet

Technical data

|                              | Product information                         | General Product Information | Electrical Data |                 |
|------------------------------|---------------------------------------------|-----------------------------|-----------------|-----------------|
| Product description          | Application (Category and Product specific) | Global order reference      | Nominal wattage | Nominal voltage |
| LIGHTsignal HAL BEACON LIGHT | Warning and safety lights                   | RBL101                      | 70 W            | 24 V            |

|                              | Photometric Data  |                 | Physical Attributes & Dimensions |          |
|------------------------------|-------------------|-----------------|----------------------------------|----------|
| Product description          | Color temperature | Light color LED | Product weight                   | Length   |
| LIGHTsignal HAL BEACON LIGHT | 2200 K            | Amber           | 653.00 g                         | 150.0 mm |

|                              |          |          | Lifetime Data | Capabilities |
|------------------------------|----------|----------|---------------|--------------|
| Product description          | Width    | Height   | Guarantee     | Technology   |
| LIGHTsignal HAL BEACON LIGHT | 193.0 mm | 193.0 mm | 2 years       | Halogen      |

|                              | Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                        |                                                                                                    |                                      |
|------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------|
| Product description          | Candidate list substance 1                                                                                      | CAS No. of substance 1 | Safe use instruction                                                                               | Declaration no. in SCIP database     |
| LIGHTsignal HAL BEACON LIGHT | Lead                                                                                                            | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | b0745572-705a-4757-8849-0db3e2df7d0c |

# Product family datasheet

## Download Data

| File                                                                              |                                                      |
|-----------------------------------------------------------------------------------|------------------------------------------------------|
|  | User instruction<br>LIGHTsignal HAL                  |
|  | User instruction<br>GPRS_Safety symbols instructions |
|  | Movie application<br>LIGHTsignal HAL (EN)            |
|  | Video<br>OSRAM LIGHTsignal HAL Beacon Light (EN)     |

### Legal advice

<sup>1)</sup> The OSRAM LIGHTsignal HAL BEACON LIGHT is approved according to ECE regulations and may therefore be installed and operated on public roads. In addition to the ECE approval of the product, individual special regulations and laws of the countries must be observed. Please note: Special regulations apply regarding the use and application of rotating beacons. This is regulated in the respective, country-specific road traffic licensing regulations.<sup>2)</sup> For precise conditions please refer to: [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)Application advice: For more detailed application information and graphics please see product datasheet and user manual.

### 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.