

# LEDiving headlight for VW Golf VII

Full LED redesign made easy - and legal



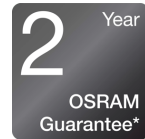
**See and be seen with OSRAM**  
- Up to 200% more light<sup>1)</sup> - Up to 100% whiter light<sup>2)</sup> - Color temperature up to 6500K - Up to 200m long light beam - See farther and react sooner



**- Plug & Play**  
- Uncomplicated modification and installation - Quick modification and installation



**ECE-certified**  
- ECE R6/R7/R48/R87/R112 - No registration in the car documents required



**2-year OSRAM guarantee<sup>3)</sup>**  
Systematic quality assurance measures underpin the premium workmanship and functionality of our products. Innovative technology and excellent quality really pay dividends for our customers.



## Switch on the WOW with OSRAM LEDiving head lights

Switch on the WOW with OSRAM LEDiving head lights

Innovative & Up to date

Driven by our striving for innovation and quality, we are redefining vehicle lighting from OSRAM. At OSRAM there is no compromise when it comes to quality and performance. With the addition of the OSRAM LEDiving headlights for the VW Golf VII, the extensive OSRAM LED portfolio has received an additional upgrade. These full-LED headlights offer an innovative design to impressively complement the individual look of your vehicle. The OSRAM LEDiving headlights bring precise lighting to the front of your vehicle and onto the road and are also an upgrade to the latest

OEM premium technology. The OSRAM LEDriving headlight is a complete LED headlight, equipped with LED position light, LED low beam, LED high beam, LED daytime running light and dynamic LED indicator.

Thanks to long-life high-performance LEDs with intensive brightness, they score with up to 200% more light<sup>1)</sup>, impress with up to 100% whiter light<sup>2)</sup> and are characterized by a lighting range that can reach up to 200m. In addition, thanks to modern light guide technology and modern diffuser material they convince with a homogeneous light distribution and pixel-free optics. All these aspects result in the possibility of an improved perception of your vehicle and consequently an increased safety in road traffic. OSRAM also offers a 2-year guarantee<sup>3)</sup>

Completely legal & uncomplicated conversion

Accentuating the vehicle completely legally, in a straightforward and extremely stylish manner with remarkable accents is now very easy with the latest OSRAM innovations. According to the ECE guidelines, the necessary tests and approvals have been carried out on the LEDriving headlights, which means that they are completely legal in road traffic and a registration into the vehicle documents is not necessary. ECE certified according to ECE R6/R7/R48/R87/R112. Plug & Play technology ensures quick and easy installation of the OSRAM LEDriving headlights, existing cables do not need to be modified or damaged. There is also no need for subsequent headlight range adjustment and no additional headlight cleaning system is required.

Tested OSRAM quality according to DIN EN ISO/IEC 17025 The OSRAM LEDriving headlights has been tested in our DIN-certified environmental simulation laboratory for extreme external influences in terms of water, dust, cold and warm temperatures, UV light and permanent vibrations and validated with the IP protection class IP69K.

Switch on the WOW with OSRAM LEDriving headlights

## Product family datasheet

- 1) Compared to ECE R 112 minimum requirements
- 2) Compared to standard halogen headlights
- 3) For precise conditions please refer to: [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)

-LED HL 103: Suitable for VW Golf VII Models (2012 – 2016) with original equipment halogen headlights. LED HL 104: Suitable for VW Golf VII Model (2012 – 2016) with original equipment xenon headlights

-Suitable for originally equipped halogen headlights and xenon headlights with halogen daytime running light. Not suitable for originally equipped xenon headlights with LED daytime running light

## Product family datasheet

### Technical data

| Product description                            | Product information                         | General Product Information |                        | Electrical Data | Lifetime Data |
|--|---|-----------------------------|------------------------|-----------------|---------------|
|  | Application (Category and Product specific) | Model Type                  | Global order reference | Test voltage    | Guarantee     |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | for 104 Replacement of xenon headlights     | Black                       | LEDHL104-BK LHD        | 13.2 V          | 2 years       |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | for 104 Replacement of xenon headlights     | Chrome                      | LEDHL104-CM LHD        | 13.2 V          | 2 years       |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | for 104 Replacement of xenon headlights     | GTI                         | LEDHL104-GTI LHD       | 13.2 V          | 2 years       |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | for 103 Replacement of halogen headlights   | Chrome                      | LEDHL103-CM LHD        | 13.2 V          | 2 years       |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | for 103 Replacement of halogen headlights   | Black                       | LEDHL103-BK LHD        | 13.2 V          | 2 years       |

| Product description                            | Capabilities | Certificates & standards  |                    |                                   |
|--|--------------|---------------------------|--------------------|-----------------------------------|
|  | Technology   | Approval marks – approval | Type of protection | Standards                         |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | LED          | E4 approval               | IP69K              | ECE R06, R07, R10, R48, R87, R112 |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | LED          | E4 approval               | IP69K              | ECE R06, R07, R10, R48, R87, R112 |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | LED          | E4 approval               | IP69K              | ECE R06, R07, R10, R48, R87, R112 |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | LED          | E4 approval               | IP69K              | ECE R06, R07, R10, R48, R87, R112 |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | LED          | E4 approval               | IP69K              | ECE R06, R07, R10, R48, R87, R112 |

| Product description                            | Logistical data | Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                            |                        |
|--|-----------------|---|----------------------------|------------------------|
|  | Commodity code  | Primary article identifier  | Candidate list substance 1 | CAS No. of substance 1 |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | 85122000900     | 4062172008471   4052899604896   4062172008457   | Lead                       | 7439-92-1              |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | 85122000900     | 4062172008495   4052899604919   4062172008488   | Lead                       | 7439-92-1              |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | 85122000900     | 4052899604933   4062172008518   4062172008501   | Lead                       | 7439-92-1              |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | 85122000900     | 4062172000550   4052899599611   4062172000567   | Lead                       | 7439-92-1              |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | 85122000900     | 4052899599598   4062172000536   4062172000543   | Lead                       | 7439-92-1              |











## Product family datasheet

| Product description                            | Safe use instruction   | Declaration no. in SCIP database   |
|--|--|--|
| LEDiving headlight - VW Golf VII <sup>1)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | ffef4b22-5221-4a04-90ad-17c1655d133b   bb3638d0-60b7-4e37-9c9d-8cf0312e15c8   ac7b312a-cd90-45e6-9a50-7bbd4f579c36 |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 6e2d8e82-000c-4ea1-b709-3a45d40aa0ec   6ee57920-a633-46a3-bc5a-cb2f9f04c6f4   94fb916f-1478-488a-bd1e-df5685e5711a |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 37c5ec2e-be2c-47e3-befe-71f1f30d5145   b3b9c210-1be1-4397-ae0e-1ec5f991967c   044372a7-8e17-4955-a7c5-74bc366000d9 |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 28f18a87-595c-4ad9-96ab-fc4c68f3f074   46ca4c90-6de2-4620-a149-5ce97bf6e3c3   31bd3ca9-f028-4039-82d8-517d48353083 |
| LEDiving headlight - VW Golf VII <sup>1)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 2fe08c4f-ed90-4950-8a28-171f6eac76a6   d7cac207-3d8d-40d7-9238-7a3bf5338594   17c894e9-c689-4433-9a5c-943f3a59733b |

<sup>1)</sup> Upgrade headlights for pre-facelift Golf 7 models (2012-2016). Not suitable for facelift Golf 7.5 models.

## Product family datasheet

### Download Data

| File  |   |
|---|---|
|    | User instruction<br>LEDriving HEADLIGHT   |
|    | User instruction<br>GPRS_Safety symbols instructions                            |
|    | Movie application<br>LEDriving Headlights Quality Tests (EN)                    |
|    | Movie application<br>LEDriving headlights for Golf VII: Product Trailer (EN)    |
|    | Movie application<br>LEDriving VW Amarok Headlights Product Trailer (EN)        |
|    | Movie application<br>LEDriving headlights for Golf VII: Installation Video (EN) |
|    | Video<br>OSRAM LEDriving headlights for VW Golf VII                             |
|    | Video<br>Light is Quality - OSRAM LEDriving Headlights Quality Tests (EN)       |
|   | ref_pim_ams_p_product360degreeimages<br>LEDriving headlight for Golf VII        |
|  | User instruction<br>LEDriving HEADLIGHT   |

#### Legal advice

The LEDriving headlights are fully ECE compliant for a replacement of OEM halogen headlights and therefore registration free. This does not include individual custom requirements of countries, in addition to the standardized ECE certification of the product. This product is not suitable for left-hand traffic. Only suitable for VW Golf VII car models with OEM halogen or OEM xenon-headlights with halogen daytime running light. These products are not for sale in the US.

#### 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.



IP69K