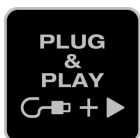


# LEDiving headlight for BMW 1

Legal and powerful LED upgrade



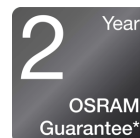
**See and be seen with OSRAM**  
 Up to 200% more light<sup>1)</sup> Up to 100% whiter light<sup>2)</sup> Up to 200 m long light beam



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



**ECE-certified**  
 ECE  
 R6/R7/R10/R48/R87/R112No registration in the car documents required. The necessary tests and approvals were carried out and an ECE type approval was granted



**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

### 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 BMW 1 Series, 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. In addition, there are two variants to choose from: The BLACK or CHROME EDITION both are designed to effectively bring out the individual style of your BMW 1 Series. The OSRAM LEDiving headlight is a complete LED headlight, equipped with LED position light, LED low beam, LED high beam, LED daytime running light and 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 visibility for the driver and an improved perception of your vehicle and consequently an increased safety in road traffic. OSRAM also offers a 2-year guarantee<sup>3)</sup>.

### **ECE-compliant & uncomplicated conversion**

Accentuating the vehicle ECE-compliant, 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 a registration into the vehicle documents is not necessary. ECE certified according to ECE R6/R7/R10/R48/R87/R112.

Plug & Play technology ensures a quick and uncomplicated installation of the OSRAM LEDriving headlights, existing cables do not need to be modified or damaged.

### **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 & shocks and validated with the IP protection class IP69K.

### **Switch on the WOW with OSRAM LEDriving headlights**

Application advice:

- BMW 1st Series F20/F21 pre-facelift
- Suitable for BMW 1 Series with original equipment halogen headlights
- Not suitable for BMW 1 Series with original equipment xenon headlights
- Not suitable for left-hand traffic

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)

# Product datasheet

## Technical data

### Product information

Application (Category and Product specific)	Headlights
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### General Product Information

Product remark	Upgrade headlights for BMW 1 Series F20/F21. Suitable for BMW 1 Series F20/F21 with original equipment halogen headlights. Not suitable for BMW 1 Series F20/F21 with original equipment xenon headlights. Not suitable for left-hand traffic.
Global order reference	LEDHL108-BK LHD
Model Type	Black

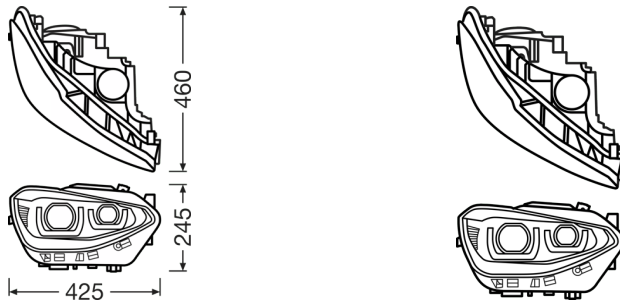
### Electrical Data

Nominal voltage	12.0 V
Test voltage	13.2 V

### Photometric Data

Color temperature	6500 K
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### Physical Attributes & Dimensions



Product weight	7500.00 g
Length	425.0 mm
Width	460.0 mm
Height	245.0 mm

### Lifetime Data

Guarantee	2 years
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## Product datasheet

### Capabilities

Technology	LED
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### Certificates & standards

Approval marks – approval	E4 approval
Type of protection	IP69K
Standards	ECE R06, R07, R10, R48, R87, R112

### Logistical data

Commodity code	85122000900
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### Environmental & Regulatory Information



Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4062172120333
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration no. in SCIP database	2b48bab4-97d1-4db3-9296-d1dafd2cfc6e   97708433-26c1-4f5d-8374-ed4ff1c45de6   085f05c3-a2df-4541-b9b8-75e46dccea2b

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172120333	LEDiving headlight - BMW 1	Shipping carton box 1	630 mm x 360 mm x 593 mm	134.49 dm <sup>3</sup>	11650.00 g




The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### Download Data

File	
	User instruction LEDiving HEADLIGHT
	User instruction GPRS_Safety symbols instructions

## Product datasheet

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	Movie application LEDriving BMW 1st Series Headlights Product Trailer (EN)
	Video OSRAM LEDriving Headlights BMW 1 series Product Trailer (EN)
	ref_pim_amsproduct360degreeimages LEDriving Headlights for BMW 1er

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### Legal advice

Legal advice:

The OSRAM LEDriving headlights are ECE compliant for a replacement of OEM headlights and therefore registration free. This does not include individual custom requirements of countries, in addition to the standardized ECE certification of the product.

- 1) Compared to the ECE R112 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)

Application advice:

- BMW 1 Series F20/F21 pre-facelift
  - Suitable for BMW 1 Series with original halogen headlights
  - Not suitable for BMW 1 Series with original xenon headlights
  - Not suitable for left-hand traffic
- For more detailed application information and graphics please see product datasheet and the 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.

# OSRAM