

# LEDDriving 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



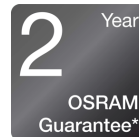
**- Plug & Play**

- 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 LEDriving 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 LEDriving 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 LEDriving 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 LEDriving 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 headlight 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<sup>1)</sup> Compared to ECE R 112 minimum requirements<sup>2)</sup> Compared to standard halogen headlights<sup>3)</sup> For precise conditions please refer to: [www.osram.com/am-guarantee](http://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	Model Type	Nominal voltage
LEDriving headlight - BMW 1 <sup>1)</sup>	Headlights	LEDHL108-BK LHD	Black	12.0 V
LEDriving headlight - BMW 1 <sup>1)</sup>	Headlights	LEDHL108-CM LHD	Chrome	12.0 V

Product description	Test voltage	Lifetime Data	Capabilities	Certificates & standards	
		Guarantee	Technology	Approval marks – approval	Type of protection
LEDriving headlight - BMW 1 <sup>1)</sup>	13.2 V	2 years	LED	E4 approval	IP69K
LEDriving headlight - BMW 1 <sup>1)</sup>	13.2 V	2 years	LED	E4 approval	IP69K



Product description	Standards	Logistical data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
		Commodity code	Primary article identifier	Candidate list substance 1
LEDriving headlight - BMW 1 <sup>1)</sup>	ECE R06, R07, R10, R48, R87, R112	85122000900	4062172120333	Lead
LEDriving headlight - BMW 1 <sup>1)</sup>	ECE R06, R07, R10, R48, R87, R112	85122000900	4062172120340	Lead

Product description	CAS No. of substance 1	Safe use instruction	Declaration no. in SCIP database
LEDriving headlight - BMW 1 <sup>1)</sup>	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	2b48bab4-97d1-4db3-9296-d1dafd2cfc6e   97708433-26c1-4f5d-8374-ed4ff1c45de6   085f05c3-a2df-4541-b9b8-75e46dccea2b
LEDriving headlight - BMW 1 <sup>1)</sup>	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	05206487-cada-4a80-bc16-75cbe367e01d   ff0abf00-3db0-4b09-a78a-979c7e9954f7   abf1a7a8-f84f-46e6-88d4-51e726bd385b

<sup>1)</sup> 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.

## Product family datasheet

### Download Data

File	
	User instruction LEDiving HEADLIGHT
	User instruction GPRS_Safety symbols instructions
	Movie application LEDiving BMW 1st Series Headlights Product Trailer (EN)
	Video OSRAM LEDiving Headlights BMW 1 series Product Trailer (EN)
	ref_pim_amsproduct360degreeimages LEDiving Headlights for BMW 1er

#### Legal advice

Legal advice:

The OSRAM LEDiving 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.