

# LEDDriving HL BRIGHT HB3/H10/HIR1



**Up to +300% more brightness**

More light allows to see farther and therefore react sooner. Signs, obstacles and hazards can be recognized sooner. Compared to minimum ECE R112, for H7/H18 & H4/H19



**Very compact LED replacement for conventional HB3/H10/HIR1 high and low beam lamps**

Reduced glaring thanks to an optimized light distribution



**Cool White color temperature of 6,000 K**

Better visibility thanks to daylight effect



**4 year OSRAM guarantee**

For precise conditions, please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)



**High-performing LED retrofit lamp providing improved visibility and a stylish look**

With up to +300% more brightness (compared to ECE R112, for H7/H18 & H4/H19), the OSRAM LEDDriving HL BRIGHT retrofit lamp ensures optimum visibility and thus allowing drivers to recognize signs, obstacles and hazards sooner than conventional lamps. This LED retrofit lamp not only creates a stylish modern look with a cool white color temperature of 6,000K but also offers reduced glaring thanks to an optimized light distribution. Premium OSRAM quality and LED technology grant up to 5 times more lifetime (compared to ECE R112) and better visibility thanks to daylight effect. The pair of lamps comes with a 4-year OSRAM guarantee. For precise guarantee conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee). The LEDDriving HL BRIGHT high and low beam lamps by OSRAM replace conventional halogen lamps and are 12V compatible. With the latest LED technology and very compact design, these lamps allow a high compatibility and an easy installation for cars with the respective halogen lamp types. These products do not have ECE approval and must not be used on public roads in any exterior application. Public roads use leads to cancellation of operating license and loss of insurance coverage. Several countries forbid sale and use of these products. Please contact your local distributor for further information.

## Product family datasheet

### Technical data

Product description	Product information		General Product Information		Electrical Data
	Application (Category and Product specific)	Product type (off-road vs. on-road)	Global order reference	Order denomination	Power input
LEDriving HL BRIGHT $\triangleq$ HB3/H10/HIR1	Mainly used for Low Beam, High Beam and Fog light applications	Off-road $\triangleq$ HB3/H10/HIR1	9005DWBRT	9005DWBRT-2HFB	19 W




Product description	Nominal voltage	Nominal wattage	Photometric Data		Physical Attributes & Dimensions
			Nominal luminous flux	Luminous flux tolerance	Diameter
LEDriving HL BRIGHT $\triangleq$ HB3/H10/HIR1	12.0 V	19 W	1900 lm	$\pm 20$ %	14.0 mm

Product description	Lifetime Data	Capabilities	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Lifespan Tc	Technology	Primary article identifier	Candidate list substance 1
LEDriving HL BRIGHT $\triangleq$ HB3/H10/HIR1	5000 hr	LED	4062172315975	Lead

Product description	CAS No. of substance 1	Safe use instruction	Declaration no. in SCIP database
LEDriving HL BRIGHT $\triangleq$ HB3/H10/HIR1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	3f42b7ef-8dbc-4ed7-a8c3-94f4c25a5d8a

## Product family datasheet

### Download Data

File	
	User instruction LEDriving HL BRIGHT
	User instruction GPRS_Safety symbols instructions
	Brochures LEDriving Retrofits - Exchange overview (EN)

#### 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.

