Product family datasheet

LEDriving HL BRIGHT HB4/HIR2

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 HB4/HIR2 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

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 LEDriving 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.

The LEDriving 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

© 2026, OSRAM GmbH. All rights reserved.

and loss of insurance coverage. Several countries forbid sale and use of these products. Please contact your local distributor for further information.

© 2026, OSRAM GmbH. All rights reserved.

Product family datasheet

Technical data

	Electrical Data			Photometric Data	
Product description	**Power input**	**Nominal voltage**	**Nominal wattage**	**Nominal luminous flux**	**Luminous flux tolerance**
LEDriving HL BRIGHT ≙ HB4/HIR2	19 W	12 V	19 W	1900 lm	±20 %

	Physical Attributes & Dimensions	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Product description	**Diameter**	**Lifespan Tc**	**Primary article identifier**	**Candidate list substance 1**
LEDriving HL BRIGHT ≙ HB4/HIR2	14.0 mm	5000 hr	4062172315999	Lead

Product description	CAS No. of substance 1	Safe use instruction	Declaration no. in SCIP database
LEDriving HL BRIGHT ≙ HB4/HIR2	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	5f468c80-b523-4b12-8251-98417f190574

© 2026, OSRAM GmbH. All rights reserved.

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

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.

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.

© 2026, OSRAM GmbH. All rights reserved.