Product family datasheet

LEDriving 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 HB3H10HIR1 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 and loss of insurance coverage. Several countries forbid sale and use of these products. Please contact your local distributor for further information.

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Technical data

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

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

	Lifetime Data	Capabilities	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Product description	**Lifespan Tc**	**Technology**	**Date of declaration**	**Primary article identifier**
LEDriving HL BRIGHT ≙ HB3/H10/HIR1	5000 hr	LED	26-06-2024	4062172315975

Product description	**Declaration no. in SCIP database**
LEDriving HL BRIGHT ≙ HB3/H10/HIR1	In work

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Product family datasheet

Download Data

	File
	User instruction LEDriving HL BRIGHT
	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.

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