Product 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 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

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

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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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Product datasheet

Technical data

Product information

Product type (off-road vs. on-road)	Off-road ≙ HB3/H10/HIR1
Application (Category and Product specific)	Mainly used for Low Beam, High Beam and Fog light applications

General Product Information

Global order reference	9005DWBRT
Order denomination	9005DWBRT-2HFB

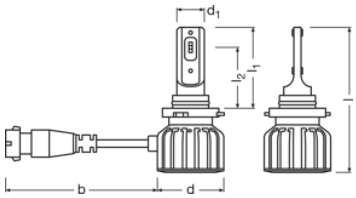
Electrical Data

Power input	19 W
Nominal voltage	12 V
Nominal wattage	19 W

Photometric Data

Nominal luminous flux	1900 lm
Luminous flux tolerance	±20 %
Color temperature	6000 K
Color temperature	6000 K
Light color LED	Cool white

Physical Attributes & Dimensions



Length	76.2 mm
Diameter	14.0 mm
Product weight	70.00 g
Lamp base	P20d

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Lifetime Data

Lifespan Tc	5000 hr
Guarantee	4 years

Capabilities

Technology	LED

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172315975
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	3f42b7ef-8dbc-4ed7-a8c3-94f4c25a5d8a

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172315975	LEDriving HL BRIGHT ≙ HB3/H10/HIR1	Folding carton box 2	136 mm x 56 mm x 162 mm	1.23 dm^3	241.00 g
4062172315982	LEDriving HL BRIGHT ≙ HB3/H10/HIR1	Shipping carton box 8	240 mm x 148 mm x 182 mm	6.46 dm^3	1088.00 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 LEDriving HL BRIGHT
	User instruction GPRS_Safety symbols instructions
	Brochures LEDriving Retrofits - Exchange overview (EN)

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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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