

# LEDiving 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](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 LEDiving 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 LEDiving 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      | Power input     | Nominal voltage |
| LEDriving HL BRIGHT $\triangleq$ HB4/HIR2 | Mainly used for Low Beam, High Beam and Fog light applications | Off-road $\triangleq$ HB4/HIR2      | 9006DWBRT                   | 19 W            | 12 V            |

| Product description                       | Nominal wattage | Photometric Data      |                         | Physical Attributes & Dimensions |          |
|-------------------------------------------|-----------------|-----------------------|-------------------------|----------------------------------|----------|
|                                           |                 | Nominal luminous flux | Luminous flux tolerance | Diameter                         | Diameter |
| LEDriving HL BRIGHT $\triangleq$ HB4/HIR2 | 19 W            | 1900 lm               | $\pm 20\%$              | 14.0 mm                          | 14.0 mm  |

| Product description                       | Lifetime Data | Capabilities | Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                            |
|-------------------------------------------|---------------|--------------|-----------------------------------------------------------------------------------------------------------------|----------------------------|
|                                           | Lifespan Tc   | Technology   | Primary article identifier                                                                                      | Candidate list substance 1 |
| LEDriving HL BRIGHT $\triangleq$ HB4/HIR2 | 5000 hr       | LED          | 4062172315999                                                                                                   | Lead                       |

| Product description                       | CAS No. of substance 1 | Safe use instruction                                                                               | Declaration no. in SCIP database     |
|-------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------|
| LEDriving HL BRIGHT $\triangleq$ 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 |

Download Data

| File                                                                              |                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------|
|  | User instruction<br>LEDriving HL BRIGHT                   |
|  | User instruction<br>GPRS_Safety symbols instructions      |
|  | Brochures<br>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.

