

# 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 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](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 datasheet

## Technical data

### Product information

|   |  |
|---|--|
| Order reference                             | 9005DWBRT  |
| Product type (off-road vs. on-road)         | Off-road $\pm$ HB3/H10/HIR1                                    |
| Application (Category and Product specific) | Mainly used for Low Beam, High Beam and Fog light applications |

### Electrical data

|                 |         |
|-----------------|---------|
| Power input     | 19 W    |
| Nominal voltage | 12.0 V  |
| Nominal wattage | 19.00 W |

### Photometrical data

|                         |            |
|-------------------------|------------|
| Luminous flux           | 1900 lm    |
| Luminous flux tolerance | $\pm$ 20 % |
| Color temperature       | 6000 K     |
| Color temperature       | 6000 K     |
| Light color LED         | Cool white |

### Dimensions & weight

|                |         |
|----------------|---------|
| Length         | 76.2 mm |
| Diameter       | 14.0 mm |
| Product weight | 70.00 g |

### Lifespan

|             |         |
|-------------|---------|
| Lifespan Tc | 5000 h  |
| Guarantee   | 4 years |

### Additional product data

|                             |                      |
|-----------------------------|----------------------|
| Base (standard designation) | P20d / PX20d / PY20d |
|-----------------------------|----------------------|

### Capabilities

|            |     |
|------------|-----|
| Technology | LED |
|------------|-----|

### Country specific categorizations

|                 |           |
|-----------------|-----------|
| Order reference | 9005DWBRT |
|-----------------|-----------|

### Environmental information

## Product datasheet

### Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

|                                  |               |
|----------------------------------|---------------|
| Date of Declaration              | 21-06-2023    |
| Primary Article Identifier       | 4062172315975 |
| Declaration No. in SCIP database | In work       |

### Logistical Data

| Product code  | Product description                           | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|---|------------------------------|--------------------------------------|----------------------|--------------|
| 4062172315975 | LEDriving HL BRIGHT $\triangleq$ HB3/H10/HIR1 | Folding carton box<br>2      | 136 mm x 56 mm x 162 mm              | 1.23 dm <sup>3</sup> | 241.00 g     |
| 4062172315982 | LEDriving HL BRIGHT $\triangleq$ HB3/H10/HIR1 | Shipping carton box<br>8     | 240 mm x 148 mm x 182 mm             | 6.46 dm <sup>3</sup> | 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<br>LEDriving HL BRIGHT                   |
|  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.



