

# LEDDriving HL HB4 Gen1

Ideal replacement for certain vehicles



**Cool White color temperature of 6,000 K**

Better visibility thanks to daylight effect



**Superior brightness**

More light allows to see farther and therefore react sooner. Signs, obstacles and hazards can be recognized sooner



**Very compact LED replacement for conventional HB4 high and low beam lamps**

Reduced glaring thanks to an optimized light distribution



### Suitable replacement for HB4

With LED technology and a color temperature of 6,000 K, the OSRAM LEDDriving HL represents the most convenient solution in order to upgrade your existing headlights – providing a stylish cool white look as well as improved visibility for everything that lies ahead of you. It can be installed in place of certain HB4 high and low beam lamps. The pair of lamps comes with a 5-year OSRAM guarantee and with a long service life. For precise guarantee conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee). Please note: These products are not ECE-approved and must not be used on public roads in any exterior application. Use on public roads will invalidate both the operating license and insurance coverage. Some countries prohibit the sale and use of these products. Please contact your local distributor for information on your country.

# Product datasheet

## Technical data

### Product information

Order reference	9506CW
Product type (off-road vs. on-road)	Off-road $\pm$ HB4
Application (Category and Product specific)	Mainly used for headlight/ fog light applications

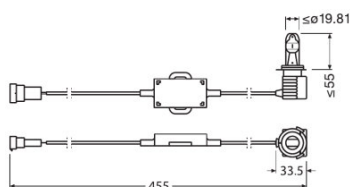
### Electrical data

Power input	18.59 W
Nominal voltage	12/24 V
Nominal wattage	16.90 W
Test voltage	13.5 V
Power input tolerance	$\pm 10$ %

### Photometrical data

Luminous flux	1390 lm
Luminous flux tolerance	$\pm 15$ %
Color temperature	6000 K
Light color LED	Cool white

### Dimensions & weight



Length	455.0 mm
Diameter	33.5 mm
Product weight	114.00 g

### Lifespan

Lifespan B3	2500 h
Lifespan Tc	5000 h
Guarantee	5 years

## Product datasheet

### Additional product data

Base (standard designation)	P22d
-----------------------------	------

### Capabilities

Technology	LED
------------	-----

### Certificates & standards

ECE category	
--------------	--

### Country specific categorizations




Order reference	9506CW
-----------------	--------

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899564107	LEDiving HL $\triangleq$ HB4 Gen1	Folding carton box 2	150 mm x 70 mm x 180 mm	1.89 dm <sup>3</sup>	377.00 g
4052899564114	LEDiving HL $\triangleq$ HB4 Gen1	Shipping carton box 8	295 mm x 165 mm x 195 mm	9.49 dm <sup>3</sup>	1378.00 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 LEDiving HL
 Brochures Sales Folder LEDiving replacement lamps (EN)
 Brochures LEDiving HL Vehicle Finder (EN)

#### Legal advice

Detailed guarantee terms can be found at [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

These products do not have ECE approval. This means they must not be used on public roads in any exterior application. Use on public roads leads to cancellation of operating license and loss of insurance coverage. Several countries do not allow sale and use of these products. Please contact your local distributor for information on the availability in your country.

#### Application advice

## Product datasheet

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.

The OSRAM logo is displayed in a bold, orange, sans-serif font.