Product datasheet

LEDriving HL EASY GEN 2 HB3/HIR1/H10/HB4/HIR2

Ultra compact LED replacement for conventional high and low beam lamps

"Socket Design" – no adapters and caps needed

Easy plug & play installation

Allowing a high compatibility and an easy installation

Cool White color temperature

Better visibility thanks to daylight effect

LED high and low beams lamps with plug & play system: no adapters and caps needed

With its socket-based solution, the OSRAM LEDriving HL EASY GEN 2 retrofits provide an ultra-compact LED replacement of conventional high and low beam lamps with cool white LED light – providing a stylish look as well as superior brightness. It offers an easy plug & play installation with optimized compatibility: no adapters and caps needed! An optimized high-speed fan ensures active cooling – making a higher performance and high-level light output possible thanks to maximized heat dissipation.

The LEDriving HL EASY GEN 2 high and low beam lamps by OSRAM replace conventional halogen lamps, are 12V compatible and have a cool white color temperature. 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.

© 2026, OSRAM GmbH. All rights reserved.

Product datasheet

Technical data

Product information

Product type (off-road vs. on-road)	Off-road ≙ HB3/HIR1/H10/HB4/HIR2
Application (Category and Product specific)	Mainly used for Low Beam, High Beam, Daytime running light, position lighting applications

General Product Information

Global order reference	9005DWESY2

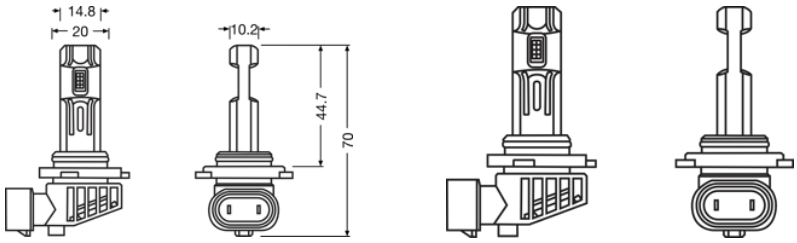
Electrical Data

Power input	26 W
Nominal voltage	12 V
Nominal wattage	26 W
Test voltage	13.2 V
Power input tolerance	±25 %

Photometric Data

Nominal luminous flux	2000 lm
Luminous flux tolerance	±25 %
Color temperature	6500 K
Light color LED	Cool white

Physical Attributes & Dimensions



Length	70.0 mm
Diameter	14.8 mm
Product weight	39.00 g
Lamp base	-

© 2026, OSRAM GmbH. All rights reserved.

Lifetime Data

Lifespan Tc	1000 hr

Capabilities

Technology	LED

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172426428
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
4062172426428	LEDriving HL EASY ≙ HB3/HIR1/H10/HB4/ HIR2	Hanging Folding Box 2	100 mm x 51 mm x 120 mm	0.61 dm^3	107.00 g
4062172426435	LEDriving HL EASY ≙ HB3/HIR1/H10/HB4/ HIR2	Shipping carton box 10	266 mm x 111 mm x 134 mm	3.96 dm^3	614.00 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 GPRS_Safety symbols instructions

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.

© 2026, OSRAM GmbH. All rights reserved.

© 2026, OSRAM GmbH. All rights reserved.