Product datasheet

LEDriving HL EASY XEN D1S



Easy plug & play installation

Accurate mechanical compatibility – no adapters and/or caps needed



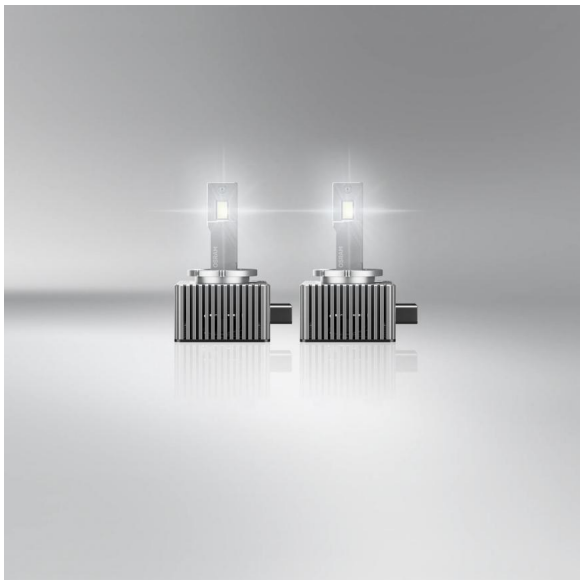
Compact LED replacement for conventional high and low beam lamps

Same geometry as HID - allowing high compatibility with plenty of car models



Cool White color temperature of 6,500 K

Better visibility thanks to daylight effect



OSRAM´s first Plug & Play off-road LED replacement for HID

With extra brightness the OSRAM LEDriving HL EASY XEN ensures a compact LED replacement of conventional high and low beam lamps. These LED retrofit lamps are 12/24V compatible, come with a color temperature of 6,500 K and ensure a broader light distribution: more light allows to see better and therefore react sooner. The top OSRAM thermal management technology with integrated active cooling – a high speed fan - provides maximized heat dissipation for more powerful performances. Premium OSRAM quality and LED technology grant a long lifetime.

Please note: OSRAM LEDriving HL EASY XEN change is recommended to be carried out by a professional.

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 ≙ D1S
Application (Category and Product specific)	Mainly used for Low Beam, High Beam

General Product Information

Global order reference	66140DWESY-2HB

Electrical Data

Power input	40 W
Nominal voltage	12 V
Nominal wattage	40 W
Test voltage	13.2 V
Power input tolerance	±25 %

Photometric Data

Nominal luminous flux	5000 lm
Luminous flux tolerance	±25 %
Color temperature	6500 K
Light color LED	Cool white

Physical Attributes & Dimensions

Length	71.5 mm
Diameter	13.8 mm
Product weight	75.00 g
Lamp base	PK32d-2

Lifetime Data

Lifespan Tc	5000 hr

Capabilities

Technology	LED

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172421447
Candidate list substance 1	No declarable substances contained

© 2026, OSRAM GmbH. All rights reserved.

Product datasheet

Declaration no. in SCIP database	No declarable substances contained

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172421447	LEDriving HL EASY XEN ≙ D1S	Hanging Folding Box 2	130 mm x 61 mm x 150 mm	1.19 dm^3	236.00 g
4062172421454	LEDriving HL EASY XEN ≙ D1S	Shipping carton box 8	258 mm x 139 mm x 170 mm	6.10 dm^3	1099.00 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.












OSRAM

© 2026, OSRAM GmbH. All rights reserved.