Product family datasheet

LEDriving HL INTENSE H4/H19

Up to +350% 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

Very compact LED replacement for conventional H4/H19 high and low beam lamps (2in1)

Reduced glaring thanks to an optimized light distribution

Cool White color temperature of 6,000 K

Better visibility thanks to daylight effect

5-year OSRAM guarantee

For precise conditions, please refer to www.osram.com/am-guarantee

OSRAM's highest performing LED off-road retrofit lamp

With up to +350% more brightness (compared to ECE R112) and a very compact LED replacement of conventional H7/H18 and H4/H19 high and low beam lamps, the LEDriving HL INTENSE is OSRAM's highest performing LED off-road retrofit lamp ever! This LED retrofit lamp offers OSRAM top technology beam pattern as well as an easy installation with a wide OSRAM range of suitable accessories. Top thermal management technology with integrated active cooling – a high speed fan ensures maximized heat dissipation for more powerful

© 2025, OSRAM GmbH. All rights reserved.

performances. Also premium OSRAM quality, manufactured in a certified OSRAM production plant in Italy, and a 5-year guarantee as well as a long service life. For precise guarantee conditions please refer to www.osram.com/am-guarantee.

The LED high and low beam lamps by OSRAM replace conventional halogen lamps, are 12V compatible and have a color temperature of 6,000K. With the latest LED technology and very compact design, these lamps allow a high compatibility and an easy installation for an even wider range of car models. 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.

© 2025, OSRAM GmbH. All rights reserved.

Product family datasheet

Technical data

	Electrical Data				Photometric Data
Product description	**Power input**	**Nominal voltage**	**Nominal wattage**	**Test voltage**	**Nominal luminous flux**
LEDriving HL INTENSE ≙ H4/H19	25 / 21.0 W	12 V	27 W	13.2 V	1900/1350 lm

		Physical Attributes & Dimensions	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Product description	**Luminous flux tolerance**	**Diameter**	**Lifespan Tc**	**Primary article identifier**	**Candidate list substance 1**
LEDriving HL INTENSE ≙ H4/H19	±20 %	18.5 mm	5000 hr	4062172306454	Lead

Product description	**CAS No. of substance 1**	**Safe use instruction**	**Declaration no. in SCIP database**
LEDriving HL INTENSE ≙ H4/H19	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	00479b3c-8dd8-47ab-8d78-e578b9e2419f

© 2025, OSRAM GmbH. All rights reserved.

Product family datasheet

Download Data

	File
	User instruction LEDriving HL INTENSE
	User instruction GPRS_Safety symbols instructions
	Brochures LEDriving Retrofits - Exchange overview (EN)

Legal advice

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.

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.

© 2025, OSRAM GmbH. All rights reserved.