

LEDDriving HL POWER BOOST HB3/HB4



Power up to 200 W¹⁾

OSRAM's most powerful off-road LED retrofit lamp ever!



Up to +400% more brightness³⁾

More light³⁾ allows to see farther and therefore react sooner. Obstacles and hazards can be recognized sooner on race tracks. Compared to minimum ECE R112



CANbus free²⁾

Prevents error messages in board computers during failure detection



3-year OSRAM guarantee⁴⁾

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

OSRAM's most powerful off-road LED retrofit lamp ever!

With the power of 200 W¹⁾ and integrated CANbus (for avoiding error messages on the dashboard²⁾ the OSRAM LEDriving HL POWER BOOST provides a compact LED replacement of conventional HB3/HB4 high and low beam lamps. These LED retrofit lamps are 12V compatible, come with an optimized beam pattern, color temperature of 6,500 K and up to +400% more brightness³⁾. The improved OSRAM thermal management technology with integrated active cooling – a high speed fan - ensures maximized heat dissipation for more powerful performances. Premium OSRAM quality and LED technology grant up to 5 times



more lifetime (compared to traditional halogen bulbs). The pair of lamps comes with a 3-year OSRAM guarantee⁴⁾.

- 1) Initial value per pair
- 2) Applicable to plenty of car models
- 3) Compared to minimum ECE R112
- 4) For precise guarantee conditions please refer to www.osram.com/am-guarantee

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 family datasheet



Technical data

Product description	Electrical Data				
	Power input	Power input (initial value)	Power input (steady State)	Nominal voltage	Nominal wattage
LEDiving HL POWER BOOST \triangle HB3/HB4	48 W	100W	48W	12 V	48 W

Product description	Test voltage	Photometric Data			Physical Attributes & Dimensions
		Nominal luminous flux	Luminous flux (initial value)	Luminous flux tolerance	Diameter
LEDiving HL POWER BOOST \triangle HB3/HB4	13.2 V	5000 lm	10.000 lm	$\pm 20\%$	14.0 mm

Product description	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Lifespan Tc	Primary article identifier	Declaration no. in SCIP database
LEDiving HL POWER BOOST \triangle HB3/HB4	> 5000 hr	4062172421409	In work

Download Data

File	
	User instruction GPRS_Safety symbols instructions
	User instruction LEDriving HL POWER BOOST

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.

