OSRAM

LEDriving HL INTENSE NXT H4

Up to +400% more brightness[1]

More light[1] allows to see farther and therefore react sooner. Obstacles and hazards can be recognized sooner on race tracks.Compared to minimum ECE R112

CANbus free

Prevents error messages in board computers during failure detection

Compact LED replacement for conventional H4 high and low beam lamps

Easy installation thanks to a wide range of suitable OSRAM accessories

5-year OSRAM guarantee

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

OSRAM's highest performing off-road LED retrofit lamp ever!

With up to +400% more brightness1) and integrated CANbus (for avoiding error messages on the dashboard2) the OSRAM LEDriving HL INTENSE NXT ensures a compact LED replacement of conventional H4 high and low beam lamps. These LED retrofit lamps are 12V compatible, come with an optimized beam pattern, color temperature of 6,000 K and thanks to the wide range of suitable OSRAM accessories the installation is easy. 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 up to 5 times more lifetime (compared to traditional halogen bulbs). The pair of lamps comes with a 5-year OSRAM guarantee3).

1) compared to minimum ECE R112

2) applicable to plenty of car models 3For 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.

Technical data

Product information

Product type (off-road vs. on-road)	Off-road ≙ H4
Application (Category and Product specific)	Mainly used for Low Beam, High Beam

General Product Information

Global order reference	64193DWINN

Electrical Data

Power input	40.0 W/ 42.0 W
Nominal voltage	12.0 V
Nominal wattage	40.0 W/ 42.0 W
Test voltage	13.2 V
Power input tolerance	±25 %

Photometric Data

Nominal luminous flux	2500/3500 lm
Luminous flux tolerance	±25 %
Color temperature	6000 K
Light color LED	Cool white

Physical Attributes & Dimensions
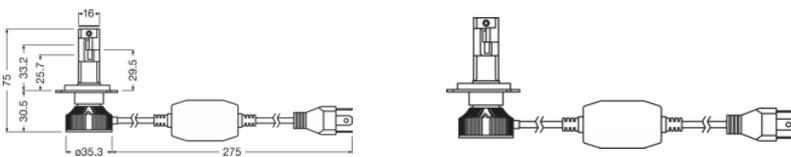
Length	80.0 mm
Diameter	15.5 mm
Product weight	102.00 g
Lamp base	P43t

Lifetime Data

Lifespan Tc	2500 hr
Guarantee	5 years

Capabilities

Technology	LED

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)

Primary article identifier	4062172408158
Candidate list substance 1	No declarable substances contained
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
4062172408158	LEDriving HL INTENSE NXT ≙ H4	HFB 2	136 mm x 61 mm x 162 mm	1.34 dm³	334.00 g
4062172408165	LEDriving HL INTENSE NXT ≙ H4	Shipping carton box 8	258 mm x 145 mm x 182 mm	6.81 dm³	1507.00 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 LEDriving HL INTENSE NXT H4 64193DWINN
	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.

—