OSRAM

NIGHT BREAKER LED SMART H16

Exceptionally bright, innovatively compact, particularly durable and, of course, street-legal1).That's the new NIGHT BREAKER LED SMART fog lamps from OSRAM.
With the street-legal1) NIGHT BREAKER LED SMART fog lamps, it is possible to switch from traditional halogen lamps to advanced OSRAM LED technology for fog light applications.They can serve as the perfect complement to your already installed OSRAM street legal1) LED or HID lamps. For an ideal combination or as a perfect addition to OSRAM NIGHT BREAKER LED lamps and, of course, as a comprehensive LED light upgrade.OSRAM's street-legal1) LED lamps set new standards in terms of innovation, precision, versatility and functionality. They lead the way in terms of brightness, lifetime, vehicle compatibility, design and much more.With the street-legal1) NIGHT BREAKER LED SMART fog lamps you can now upgrade the function of your fog lights of your vehicle to state-of-the-art LED technology. These LED replacement lamps are suitable as a replacement for conventional lamps and bases.They offer a modern and bright white light with a color temperature of up to 6000 Kelvin and impress with a wider fog beam in comparison to traditional halogen fog lamps. For cool white light wherever and whenever it might be needed.In comparison to standard lamps, such as halogen lamps, these LED retrofit lamps consume up to 80% less energy and convince thanks to the LED technology and the specially developed vibration-resistant design, with up to 6 times longer life time2). They have been tested in our DIN-certified environmental simulation laboratory for extreme external influences in terms of the ingress of water and dust and validated with IP protection class IP54.You can now replace your conventional vehicle lamps with OSRAM´s revolutionary NIGHT BREAKER LED retrofit lamps and experience trend-setting brightness with road approval1)Additionally, OSRAM offers a dedicated guarantee on all NIGHT BREAKER LED retrofit lamps3).

Product information

Product legal advice 1	1) Approved LED light source - only applies to the respective countries in which there is approval or to which an equivalent approval applies and the vehicle models and light functions currently listed in the compatibility list. For more details see www.osram.com/nb-led
Product legal advice 2	2) In comparison to traditional Halogen lamps
Product legal advice 3	3) For precise conditions please refer to: www.osram.com/am-guarantee
Application (Category and Product specific)	Fog lamp

General Product Information

Global order reference	64219DWNBSM-2HB

Electrical Data

Power input	4 W
Power input tolerance	rated
Nominal wattage	4 W
Nominal voltage	12.0 V

Photometric Data

Color temperature	6000 K
Nominal luminous flux	500 lm
Luminous flux tolerance	±20 %
Light color LED	Cool white

Physical Attributes & Dimensions
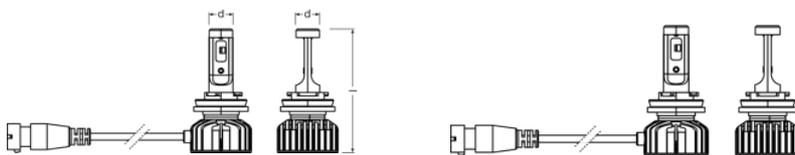
Product weight	63.00 g

Length	72.0 mm

Lifetime Data

Lifespan Tc	3000 hr
Lifespan B3	1500 hr

Capabilities

Technology	LED

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172410274
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration no. in SCIP database	cf65ecf8-e4a1-47cb-8395-25cd0650c1cf

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172410274	NIGHT BREAKER SMART H16 LED	HFB 2	136 mm x 56 mm x 162 mm	1.23 dm³	231.00 g
4062172410281	NIGHT BREAKER SMART H16 LED	Shipping carton box 4	149 mm x 125 mm x 180 mm	3.35 dm³	545.00 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

Safety advice

Application advice: For more detailed application information and graphics please see the product datasheet and user manual.

Product datasheet

Translation advice: Actual Size - Plastic free packaging - Light comparison- Approval Document- Accessories - Application – Content - Technology Comparison- Benefits -

Legal advice

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2) In comparison to traditional Halogen lamps

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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.

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