

NIGHT BREAKER LED SMART HB3

NIGHT BREAKER LED SMART HB3



Street-Legal¹⁾

The NIGHT BREAKER LED family - OSRAM's first street-legal¹⁾ LED retrofit lamps



Extra Brightness²⁾ & 6000K

See and be seen with OSRAM. Cool white color temperature similar to daylight. For more safety on the road, especially when driving at night



Up to 6 times longer lifetime³⁾

Vibration resistant, environmentally friendly, and cost-efficient



5 Year OSRAM Guarantee⁴⁾

Systematic quality assurance measures underpin the premium workmanship and functionality of our products. Innovative technology and excellent quality really pay dividends for our customers



NIGHT BREAKER LED SMART HB3

With the street-legal¹⁾ NIGHT BREAKER LED SMART, its innovative compact design, sophisticated construction and exceptional brightness, it is now possible to switch from traditional halogen lamps to advanced OSRAM LED technology in even more vehicles.

Upgrade the function of your high- and low beam lights of your vehicle to state-of-the-art LED technology now. These LED replacement lamps are suitable as a replacement for conventional lamps and bases¹⁾. They offer a modern and bright white light with a color temperature of up to 6000 Kelvin and impress with extra brightness²⁾, while the glare of other road users falls below the permissible maximum values by up to 50%²⁾. In comparison to standard lamps, such as halogen lamps, these LED retrofit lamps consume up to 60% less energy and convince thanks to the LED technology and the specially developed vibration-resistant design, with up to 6 times longer life time³⁾. 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 guarantee on all NIGHT BREAKER LED retrofit lamps²⁾.

Product datasheet

Technical data

Product information

Application (Category and Product specific)	High and low beam
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) Compared to the minimum requirements of ECE R112
Product legal advice 3	3) In comparison to traditional Halogen lamps
Product legal advice 4	4) For precise conditions please refer to: www.osram.com/am-guarantee

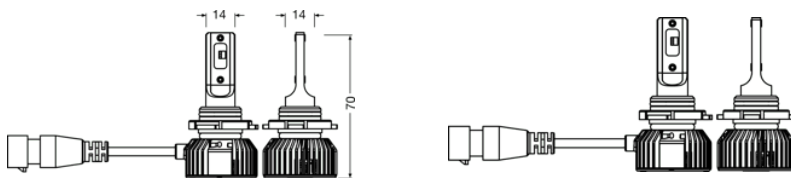
Electrical Data

Power input	21 W
Test voltage	13.2 V
Power input tolerance	±20 %
Nominal wattage	21 W
Nominal voltage	12 V

Photometric Data

Color temperature	6000 K
Nominal luminous flux	1800 lm
Luminous flux tolerance	±15 %
Light color LED	Cool white

Physical Attributes & Dimensions



Length	70.0 mm
---------------	---------

Product datasheet

Lifetime Data

Lifespan Tc	3000 hr
Lifespan B3	1500 hr

Capabilities

Technology	LED
------------	-----

Certificates & standards

Standards	ABG
-----------	-----

Environmental & Regulatory Information



Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4062172424837
Declaration no. in SCIP database	In work

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172424837	NIGHT BREAKER SMART HB3	Hanging Folding Box 2	136 mm x 56 mm x 162 mm	1.23 dm ³	225.00 g
4062172424844	NIGHT BREAKER SMART HB3	Shipping carton box 4	149 mm x 125 mm x 180 mm	3.35 dm ³	533.00 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 NIGHT BREAKER LED
 User instruction GPRS_Safety symbols instructions

Safety advice

Application advice:

For more detailed application information and graphics please see product data sheet and user manual

Product datasheet

Legal advice

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

2) Compared to the minimum requirements of ECE R112

3) In comparison to traditional Halogen lamps

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

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.

The OSRAM logo is displayed in a bold, orange, sans-serif font.