

NIGHT BREAKER H7-LED SPEED



Street-Legal¹⁾

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



1:1 Design

Construction, dimensions and mechanical compatibility inspired by traditional lamps. For easy and quick installation.



Up to 6 times longer lifetime³⁾

Vibration resistant, environmentally friendly, and cost-efficient



Extra Brightness²⁾

See and be seen with OSRAM, for more safety on the road, especially when driving at night

Halogen out - Night Breaker LED in. Quick and easy. With OSRAM's street-legal¹⁾ NIGHT BREAKER LED SPEED H7.

Quick to install, easy to mount with the latest innovative OSRAM electronics inside and a 1:1 design outside.

The NIGHT BREAKER LED SPEED H7 not only combines mechanical compatibility and innovative electronics with an identical 1:1 design to traditional lamps, but also all the advanced features and benefits of OSRAM's street-legal¹⁾ LED lamps.

For a maximum of speed and simplicity when installing and replacing your halogen bulbs and a high-quality upgrade in terms of seen and be seen with street-legal OSRAM LED lamps.

With the street-legal¹⁾ NIGHT BREAKER LED SPEED H7 you can now upgrade the function of your high- and low beam lights of your vehicle to state-of-the-art LED technology. There is no need for additional caps or adapters anymore to get the lamp installed. 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, a stable lumen output even at low battery voltage and impress with its superior 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 dedicated guarantee on all NIGHT BREAKER LED retrofit lamps²⁾.

Product family datasheet

Technical data

	General Product Information		Electrical Data				
Product description	Global order reference	Nominal voltage		Nominal wattage		Power input tolerance	Test voltage
NIGHT BREAKER SPEED H7 LED	64210DWNBSP-1HB	12.0 V		16 W		±20 %	13.2 V
		Photometric Data					
Product description	Power input	Light color LED	Luminous flux tolerance	Nominal luminous flux		Color temperature	
NIGHT BREAKER SPEED H7 LED	16.0 W	Cool white	-13% / +7 %	1550 lm		6000 K	
		Physical Attributes & Dimensions			Lifetime Data		Capabilities
Product description	Length	Product weight		Lifespan Tc	Lifespan B3	Technology	
NIGHT BREAKER SPEED H7 LED	58.0 mm	16.00 g		3000 hr	1500 hr	LED	
		Certificates & standards		Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
Product description	Standards	Primary article identifier		Candidate list substance 1		CAS No. of substance 1	
NIGHT BREAKER SPEED H7 LED	ABG	4062172411325		Lead		7439-92-1	
Product description	Safe use instruction	Declaration no. in SCIP database					
NIGHT BREAKER SPEED H7 LED	The identification of the Candidate List substance is sufficient to allow safe use of the article.	fee641a9-75a4-4a78-9584-358bb42f6baa					

Download Data

File	
	User instruction GPRS_Safety symbols instructions

Safety advice

Application advice:

For more detailed application information and graphics please see product datasheet and user manual.

Translation advice:

Actual Size -

Plastic free packaging -

Light comparison -

Approval Document -

Accessories -

Application -

Content -

Technology Comparison -

Benefits -

Superior Brightness -

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, while the glare is below the maximum permissible values by up to 50%

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.