

# NIGHT BREAKER LED SPEED H7



**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

## Product family datasheet



Halogen out - Night Breaker LED in. Quick and easy. With OSRAM's street-legal<sup>1)</sup> 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-legal<sup>1)</sup> 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-legal<sup>1)</sup> 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 brightness<sup>2)</sup>, while the glare of other road users falls below the permissible maximum values by up to 50%<sup>2)</sup>. 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 time<sup>3)</sup>. You can now replace your conventional vehicle lamps with OSRAM's revolutionary NIGHT BREAKER LED retrofit lamps and experience trend-setting brightness with road approval<sup>1)</sup>. Additionally, OSRAM offers a dedicated guarantee on all NIGHT BREAKER LED retrofit lamps<sup>2)</sup>.

## Product family datasheet

### Technical data

Product description	Product information			
	Product legal advice 1	Product legal advice 2	Product legal advice 3	Application (Category and Product specific)
NIGHT BREAKER SPEED H7 LED	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 <a href="http://www.osram.com/nb-led">www.osram.com/nb-led</a>	2) In comparison 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	High and low beam

Product description	General Product Information	Electrical Data				
	Global order reference	Power input	Test voltage	Power input tolerance	Nominal wattage	Nominal voltage
NIGHT BREAKER SPEED H7 LED	64210DWNBSP-2HB	16.0 W	13.2 V	±20 %	16 W	12.0 V

Product description	Photometric Data				Physical Attributes & Dimensions
	Color temperature	Nominal luminous flux	Luminous flux tolerance	Light color LED	Product weight
NIGHT BREAKER SPEED H7 LED	6000 K	1550 lm	-13% / +7 %	Cool white	16.00 g

Product description	Length	Lifetime Data		Capabilities	Certificates & standards
		Lifespan Tc	Lifespan B3	Technology	Standards
NIGHT BREAKER SPEED H7 LED	58.0 mm	3000 hr	1500 hr	LED	ABG


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### Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product description	Primary article identifier	Candidate list substance 1	CAS No. of substance 1	Safe use instruction
NIGHT BREAKER SPEED H7 LED	4062172411264	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product description	Declaration no. in SCIP database
NIGHT BREAKER SPEED H7 LED	68efd73d-dc42-4d5c-b645-e9b5578c55b0

### 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](http://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](http://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.