

# NIGHT BREAKER H7-LED GEN2

## NIGHT BREAKER H7 LED GEN 2



### Street-Legal<sup>1)</sup>

The NIGHT BREAKER LED family - OSRAM's first street-legal<sup>1)</sup> LED retrofit lamps.



### Up to 230% more brightness<sup>2)</sup> & 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 5 times longer lifetime<sup>3)</sup>

Vibration resistant, environmentally friendly, and cost-efficient



### 4 Year OSRAM Guarantee<sup>4)</sup>

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

With the new NIGHT BREAKER LED GEN 2, OSRAM's next generation of street-legal<sup>1)</sup> H7 LED retrofit lamps are now on the market.

Further developed, optimized and redesigned by OSRAM - The new NIGHT BREAKER LED GEN 2 H7. This impresses with an improved optical design that enables higher luminance and can therefore achieve optimized illumination. It impresses with a revised, innovative design for a more modern look and is characterized by more efficient thermal management, which can lead to a lower heat load. With OSRAM's street-legal<sup>1)</sup> retrofit lamps, you can benefit from highly energy-efficient, bright and modern LED light. With the new street-legal<sup>1)</sup> NIGHT BREAKER GEN 2 H7-LED you can now upgrade the function of your high- and low beam lights of the vehicle to state-of-the-art LED technology. These LED replacement lamps are suitable as a replacement for conventional H7 lamps and bases. They offer a modern and bright white light with a color temperature of up to 6000 Kelvin and impress with up to 230% more 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 5 times longer life time<sup>3)</sup>. You can now replace your 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>4)</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 GEN2 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) Compared to minimum ECE R112. On top with 50% less glare.	3) Compared to 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 GEN2 H7 LED	64210DWNBG2	16.0 W	13.2 V	±10 %	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 GEN2 H7 LED	6000 K	1500 lm	±10 %	Cool white	60.00 g

Product description	Length	Lamp base	Diameter	Lifetime Data
				Lifespan Tc
NIGHT BREAKER GEN2 H7 LED	77.9 mm	PX26d	13.9 mm	2500 hr



Product description	Lifespan B3	Capabilities	Certificates & standards	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
		Technology	Standards	Primary article identifier	Candidate list substance 1
NIGHT BREAKER GEN2 H7 LED	1500 hr	LED	ABG	4062172369282   4062172369244	Lead

## Product family datasheet

Product description	CAS No. of substance 1	Safe use instruction	Declaration no. in SCIP database
NIGHT BREAKER GEN2 H7 LED	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	67c5b386-f8ba-4b52-98d2-dde66c541a71   250a3773-a7d4-425c-9ea5-8819e6a214f0

## Product family datasheet

### Download Data

File	
	User instruction NIGHT BREAKER LED GEN2 64210DWNBG2
	User instruction GPRS_Safety symbols instructions

#### Safety advice

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

#### 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.

