

# NIGHT BREAKER H7-LED GEN2

OSRAM's first NIGHT BREAKER H7 LED for motorcycles



## 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



## Vibration resistance

Specially developed vibration-resistant and energy-efficient design for an up to 5 times longer lifetime<sup>3)</sup>



## 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 NIGHT BREAKER LED GEN 2, OSRAM's first street legal<sup>1)</sup> H7 LED retrofit lamp for motorcycles is now on the market.

With the street-legal<sup>1)</sup> NIGHT BREAKER LED GEN 2 H7 you can now upgrade the function of your high- and low beam lights of your motorcycle 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 motorcycle 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 information					
Product description	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	

General Product Information		Electrical Data			
Product description	Global order reference	Nominal voltage	Nominal wattage	Power input tolerance	Test voltage
NIGHT BREAKER GEN2 H7 LED	64210DWNBG2	12 V	16 W	±10 %	13.2 V

		Photometric Data			
Product description	Power input	Light color LED	Luminous flux tolerance	Nominal luminous flux	Color temperature
NIGHT BREAKER GEN2 H7 LED	16.0 W	Cool white	±10 %	1500 lm	6000 K

Physical Attributes & Dimensions				
Product description	Diameter	Diameter	Lamp base	Length
NIGHT BREAKER GEN2 H7 LED	13.9 mm	13.9 mm	PX26d	77.9 mm

		Lifetime Data		Capabilities	Certificates & standards
Product description	Product weight	Lifespan Tc	Lifespan B3	Technology	Standards
NIGHT BREAKER GEN2 H7 LED	60.00 g	2500 hr	1500 hr	LED	ABG

Product family datasheet

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 GEN2 H7 LED	4062172383301	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 GEN2 H7 LED	57741e82-9d0a-42dc-9cd2-762ae29b617a

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.

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.

