

# NIGHT BREAKER H7-LED GEN2 PRO

## 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 PRO	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 tolerance	Test voltage	Power input	Nominal voltage	Nominal wattage
NIGHT BREAKER GEN2 H7 LED PRO	64210DWNBG2	±10 %	13.2 V	16.0 W	12.0 V	16 W

Product description	Photometric Data				Physical Attributes & Dimensions
	Light color LED	Luminous flux tolerance	Nominal luminous flux	Color temperature	Length
NIGHT BREAKER GEN2 H7 LED PRO	Cool white	±10 %	1500 lm	6000 K	77.9 mm

Product description	Product weight	Diameter	Lamp base	Lifetime Data
				Lifespan Tc
NIGHT BREAKER GEN2 H7 LED PRO	60.00 g	13.9 mm	PX26d	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	Date of declaration	Primary article identifier
NIGHT BREAKER GEN2 H7 LED PRO	1500 hr	LED	ABG	19-10-2024	4062172404839   4062172369268

# Product family datasheet

Product description	Declaration no. in SCIP database
NIGHT BREAKER GEN2 H7 LED PRO	In work

## Product family datasheet

### 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.

