

# 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

## Product datasheet

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 datasheet

## Technical data

### Product information

<b>Application (Category and Product specific)</b>	High and low beam
<b>Product legal advice 1</b>	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>
<b>Product legal advice 2</b>	2) Compared to minimum ECE R112. On top with 50% less glare.
<b>Product legal advice 3</b>	3) Compared to halogen lamps

### General Product Information

<b>Global order reference</b>	64210DWNBG2
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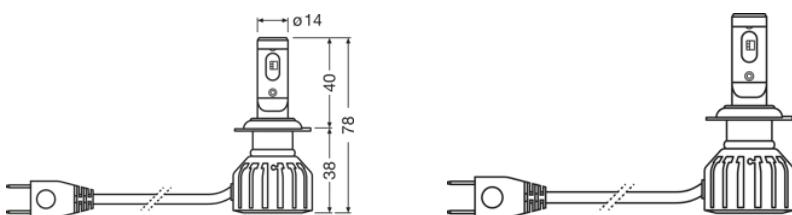
### Electrical Data

<b>Power input</b>	16.0 W
<b>Test voltage</b>	13.2 V
<b>Power input tolerance</b>	±10 %
<b>Nominal wattage</b>	16 W
<b>Nominal voltage</b>	12 V

### Photometric Data

<b>Color temperature</b>	6000 K
<b>Nominal luminous flux</b>	1500 lm
<b>Luminous flux tolerance</b>	±10 %
<b>Light color LED</b>	Cool white

### Physical Attributes & Dimensions



## Product datasheet

Diameter	13.9 mm
Product weight	60.00 g
Length	77.9 mm
Lamp base	PX26d
Diameter	13.9 mm

### Lifetime Data

Lifespan Tc	2500 hr
Lifespan B3	1500 hr

### Capabilities

Technology	LED
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### Certificates & standards

Standards	ABG
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### Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4062172369282   4062172369244
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration no. in SCIP database	67c5b386-f8ba-4b52-98d2-dde66c541a71   250a3773-a7d4-425c-9ea5-8819e6a214f0

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172369244	NIGHT BREAKER GEN2 H7 LED	HFB 2	140 mm x 129 mm x 61 mm	1.11 dm <sup>3</sup>	247.00 g
4062172369251	NIGHT BREAKER GEN2 H7 LED	Shipping carton box 4	150 mm x 132 mm x 142 mm	2.81 dm <sup>3</sup>	572.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### Download Data

## Product datasheet

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.



**OSRAM**