

# 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<br>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<br>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.

