

NIGHT BREAKER H7-LED GEN2

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Street-Legal¹⁾

The NIGHT BREAKER LED family - OSRAM's first street-legal¹⁾ LED retrofit lamps.



Up to 230% more brightness²⁾ & 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 lifetime³⁾

Vibration resistant, environmentally friendly, and cost-efficient



4 Year OSRAM Guarantee⁴⁾

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-legal¹⁾ 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-legal¹⁾ retrofit lamps, you can benefit from highly energy-efficient, bright and modern LED light. With the new street-legal¹⁾ 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 brightness²⁾, while the glare of other road users falls below the permissible maximum values by up to 50%²⁾ 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 time³⁾. You can now replace your vehicle lamps with OSRAM's revolutionary NIGHT BREAKER LED retrofit lamps and experience trend-setting brightness with road approval¹⁾ Additionally, OSRAM offers a dedicated guarantee on all NIGHT BREAKER LED retrofit lamps⁴⁾



Product family datasheet

Technical data

| Product description | Product information | | | | |
|---------------------------|---------------------|---|---|--|------------------------------|
| | Order reference | Application (Category and Product specific) | Product legal advice 1 | Product legal advice 2 | Product legal advice 3 |
| NIGHT BREAKER GEN2 H7 LED | 64210DWN BG2 | High and low beam | 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 | 2) Compared to minimum ECE R112. On top with 50% less glare. | 3) compared to halogen lamps |


| Product description | Electrical data | | | | | Photometrical data | |
|---------------------------|-----------------|-----------------------|--------------|-----------------|-------------|--------------------|-------------------------|
| | Nominal voltage | Power input tolerance | Test voltage | Nominal wattage | Power input | Light color LED | Luminous flux tolerance |
| NIGHT BREAKER GEN2 H7 LED | 12.0 V | ±10 % | 13.2 V | 16.00 W | 16.0 W | Cool white | ±10 % |

| Product description | Luminous flux | Color temperature | Dimensions & weight | | | Lifespan | |
|---------------------------|---------------|-------------------|---------------------|---------|----------------|-------------|-------------|
| | | | Diameter | Length | Product weight | Lifespan B3 | Lifespan Tc |
| NIGHT BREAKER GEN2 H7 LED | 1500 lm | 6000 K | 13.9 mm | 77.9 mm | 60.00 g | 1500 h | 2500 h |

| Product description | Additional product data | Capabilities | Certificates & standards | Environmental information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|---------------------------|-----------------------------|--------------|--------------------------|---|
| | Base (standard designation) | Technology | Standards | Date of Declaration |
| NIGHT BREAKER GEN2 H7 LED | PX26d | LED | ABG | 22-01-2024 |

| Product description | Primary Article Identifier | Declaration No. in SCIP database |
|---------------------------|-------------------------------|----------------------------------|
| NIGHT BREAKER GEN2 H7 LED | 4062172369282 4062172369244 | In work |

Download Data

| File | |
|---|--|
|  | User instruction NIGHT BREAKER LED GEN2 64210DWNBG2 |

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

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

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.

