

# NIGHT BREAKER H7-LED

OSRAM's first street-legal LED replacement lamp



**OSRAM's first street-legal LED replacement lamp 1)**

See and be seen more clearly, for more safety on the road, especially at night



**Up to 220% more brightness 2)**

Cool White LED-Upgrade with color temperature close to daylight for specific car models



**Up to 5 times more lifetime 3)**

Environmentally friendly through longer durability and less garage shop visits and reduced energy

## First NIGHT BREAKER LED

With NIGHT BREAKER H7-LED, OSRAM's first street legal<sup>1)</sup> LED replacement lamp is now on the market. The plug-and-play solution offers drivers significant advantages: very high cool white color temperature of 6,000 Kelvin with up to 220% more brightness compared to the minimum requirements of ECE R112, up to 5 times longer lifespan compared to halogen lamps and an additional 50% less glare. OSRAM offers related installation accessories for the LED lamps."



# 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 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 | Low beam                                    |

| Product description  | General Product Information | Electrical Data |                 |                       |              |
|----------------------|-----------------------------|-----------------|-----------------|-----------------------|--------------|
|                      | Global order reference      | Nominal voltage | Nominal wattage | Power input tolerance | Test voltage |
| NIGHT BREAKER H7 LED | 64210DWNB                   | 12.0 V          | 19 W            | ±10 %                 | 13.2 V       |

| Product description  | Power input | Photometric Data |                         |                       |                   |
|----------------------|-------------|------------------|-------------------------|-----------------------|-------------------|
|                      |             | Light color LED  | Luminous flux tolerance | Nominal luminous flux | Color temperature |
| NIGHT BREAKER H7 LED | 19 W        | Cool white       | ±10 %                   | 1500 lm               | 6000 K            |

| Product description  | Physical Attributes & Dimensions |           |         |                |
|----------------------|----------------------------------|-----------|---------|----------------|
|                      | Diameter                         | Lamp base | Length  | Product weight |
| NIGHT BREAKER H7 LED | 13.8 mm                          | PX26d     | 81.3 mm | 55.00 g        |

| Product description  | Lifetime Data |             | Capabilities | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|----------------------|---------------|-------------|--------------|--------------------------|--|
|                      | Lifespan Tc   | Lifespan B3 | Technology   | Standards                | Date of declaration  |
| NIGHT BREAKER H7 LED | 2500 hr       | 1500 hr     | LED          | ABG                      | 22-09-2024   |








## Product family datasheet

| Product description  | Primary article identifier    | Candidate list substance 1 | CAS No. of substance 1 | Safe use instruction   |
|----------------------|-------------------------------|----------------------------|------------------------|--|
| NIGHT BREAKER H7 LED | 4062172155045   4062172314169 | 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 H7 LED | 32a042de-1012-4426-8ae2-66cf75bb2b80 2bab2114-821b-4a4e-b4cb-1e375c2d1837 |

## Product family datasheet

### Download Data

| File  |   |
|---|---|
|  | User instruction<br>VW POLO AW6                                     |
|  | User instruction<br>NIGHT BREAKER LED                               |
|  | User instruction<br>NIGHT BREAKER LED                               |
|  | User instruction<br>NIGHT BREAKER LED (EN)                          |
|  | Movie application<br>NIGHT BREAKER LED H7 Einbauvideo Golf 7 (DE)   |
|  | Product movie<br>LED Night Breaker H7 Installation Video BMW (DE)   |
|  | ref_pim_amsproduct360degreeimages<br>NIGHT BREAKER H7-LED 64210DWNB |

#### Legal advice

1) Approved H7-LED headlamp. Only applies to the respective countries in which there is approval and the vehicle models and light functions currently listed in the compatibility list. For exact conditions see [www.osram.com/nb-led2](http://www.osram.com/nb-led2)) compared to minimum ECE R112. On top with 50% less glare.3) compared to halogen lamps

#### 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.

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