

NIGHT BREAKER H4-LED

OSRAM's first street-legal LED replacement lamp



OSRAM's first H4 street-legal LED replacement lamp 1)

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



Up to 230% 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 H4-LED

With NIGHT BREAKER H4-LED, OSRAM's first street legal¹⁾ 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 230% 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.

Technical data

Product information

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

General Product Information

| | |
|------------------------|-----------|
| Global order reference | 64193DWNB |
|------------------------|-----------|

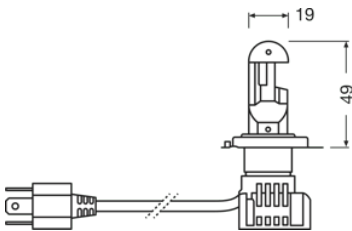
Electrical Data

| | |
|-----------------------|---------|
| Power input | 27/23 W |
| Test voltage | 13.2 V |
| Power input tolerance | ±15 % |
| Nominal wattage | 27 W |
| Nominal voltage | 12.0 V |

Photometric Data

| | |
|-------------------------|--------------|
| Color temperature | 6000 K |
| Nominal luminous flux | 1650/1000 lm |
| Luminous flux tolerance | ±15 % |
| Light color LED | Cool white |

Physical Attributes & Dimensions



Product datasheet

| | |
|----------------|---------|
| Product weight | 80.00 g |
| Length | 87.4 mm |
| Lamp base | P43t |
| Diameter | 18.5 mm |

Lifetime Data

| | |
|-------------|---------|
| Lifespan Tc | 2500 hr |
| Lifespan B3 | 1500 hr |

Capabilities

| | |
|------------|-----|
| Technology | LED |
|------------|-----|

Certificates & standards

| | |
|-----------|-----|
| Standards | ABG |
|-----------|-----|

Environmental & Regulatory Information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|--|
| Primary article identifier | 4062172314206 4062172284691 |
| 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 | 8e9ff543-2e16-4737-9ad4-29f7f4cbe8a3 6454693d-5478-4082-b473-129010c64fbc |

Logistical Data





| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|-------------------------|---------------------------------|---|----------------------|--------------|
| 4062172284691 | NIGHT BREAKER H4 LED | Folding carton box 2 | 140 mm x 129 mm x 61 mm | 1.11 dm ³ | 214.00 g |
| 4062172284707 | NIGHT BREAKER H4 LED | Shipping carton box 4 | 150 mm x 134 mm x 142 mm | 2.85 dm ³ | 486.00 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

| File |
|------|
|------|

Product datasheet

| | |
|---|--|
|  | User instruction NIGHT BREAKER LED |
|  | User instruction GPRS_Safety symbols instructions |
|  | Brochures LEDiving Retrofits - Exchange overview (EN) |
|  | ref_pim_amsproduct360degreeimages NIGHT BREAKER LED H4-LED 64193DWNB-2HFB |

Legal advice

1) Approved H4-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) 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.



OSRAM