

NIGHT BREAKER H4-LED PRO

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.



Product family datasheet

Technical data

| Product description | Product information | | | | |
|--------------------------|---|--|------------------------------|-----------------|---|
| | Product legal advice 1 | Product legal advice 2 | Product legal advice 3 | Order reference | Application (Category and Product specific) |
| NIGHT BREAKER H4 LED PRO | 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 | 64193DWN B | High and low beam |

| Product description | Electrical data | | | | | Photometric data |
|--------------------------|-----------------|-----------------|-----------------|-----------------------|--------------|------------------|
| | Power input | Nominal voltage | Nominal wattage | Power input tolerance | Test voltage | Light color LED |
| NIGHT BREAKER H4 LED PRO | 27/23 W | 12.0 V | 27/23 W | ±15 % | 13.2 V | Cool white |

| Product description | Luminous flux | | | Dimensions & weight | | Lifespan | |
|--------------------------|---------------|-------------------|-------------------------|---------------------|----------------|----------|-------------|
| | Luminous flux | Color temperature | Luminous flux tolerance | Diameter | Product weight | Length | Lifespan B3 |
| NIGHT BREAKER H4 LED PRO | 1650/1000 lm | 6000 K | ±15 % | 18.5 mm | 80.00 g | 87.4 mm | 1500 h |

| Product description | Lifespan Tc | 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 H4 LED PRO | 2500 h | P43t | LED | ABG | 08-03-2024 |

Product family datasheet

| Product description | Primary Article Identifier | Candidate List Substance 1 | CAS No. of substance 1 | Safe Use Instruction |
|--------------------------|----------------------------|----------------------------|------------------------|--|
| NIGHT BREAKER H4 LED PRO | 4062172284714 | 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 H4 LED PRO | 6d03723c-6d2c-44f2-9eef-887a327d488f |

Product family datasheet

Download Data

| File | |
|---|---|
|  | Brochures LEDriving Retrofits - Exchange overview (EN) |

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-led

2) 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.

