

# NIGHT BREAKER H4-LED

OSRAM's first NIGHT BREAKER H4 LED for motorcycles



### 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 guarantee

Systematic quality assurance measures underpin the premium workmanship and functionality of our products. Innovative technology and excellent quality really pay dividends for our customers

## Product datasheet



With the NIGHT BREAKER H4 LED for Motorcycles, OSRAM's first street legal<sup>1)</sup> H4-LED replacement lamp for Motorcycles is now on the market

With the street-legal<sup>1)</sup> NIGHT BREAKER H4-LED 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 H4 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 55% 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 datasheet

## Technical data

### Product information

Order reference	64193DWNB
Application (Category and Product specific)	High and low beam
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 <a href="http://www.osram.com/nb-led">www.osram.com/nb-led</a>
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

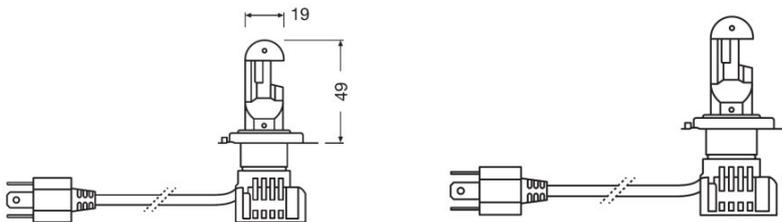
### Electrical data

Power input	27/23 W
Power input tolerance	±15 %
Nominal wattage	27/23 W
Nominal voltage	12.0 V

### Photometrical data

Color temperature	6000 K
Luminous flux	1650/1000 lm
Light color LED	Cool white

### Dimensions & weight



Product weight	80.00 g
Length	87.4 mm
Diameter	18.5 mm

## Product datasheet

### Lifespan

Lifespan Tc	2500 h
Lifespan B3	1500 h

### Additional product data

Base (standard designation)	P43t
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### Capabilities

Technology	LED
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### Certificates & standards

Standards	ABG
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### Country specific categorizations

Order reference	64193DWNB
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### Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	26-10-2023
Primary Article Identifier	4062172382632
Declaration No. in SCIP database	In work

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172382632	NIGHT BREAKER H4 LED	HFB 1	90 mm x 129 mm x 62 mm	0.72 dm <sup>3</sup>	126.00 g
4062172382649	NIGHT BREAKER H4 LED	Shipping carton box 4	191 mm x 134 mm x 141 mm	3.61 dm <sup>3</sup>	572.00 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
 Brochures LEDiving Retrofits - Exchange overview (EN)



### 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-led2](http://www.osram.com/nb-led2) 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.



# OSRAM