

# 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 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 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 datasheet

## Technical data

### Product information

<b>Product legal advice 1</b>	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>
<b>Product legal advice 2</b>	2) Compared to minimum ECE R112. On top with 50% less glare.
<b>Product legal advice 3</b>	3) compared to halogen lamps
<b>Order reference</b>	64193DWNB
<b>Application (Category and Product specific)</b>	High and low beam

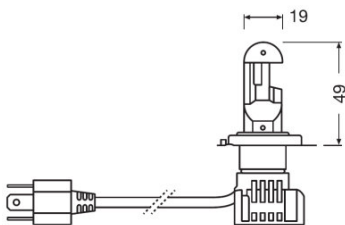
### Electrical data

<b>Power input</b>	27/23 W
<b>Test voltage</b>	13.2 V
<b>Power input tolerance</b>	±15 %
<b>Nominal wattage</b>	27/23 W
<b>Nominal voltage</b>	12.0 V

### Photometrical data

<b>Color temperature</b>	6000 K
<b>Luminous flux</b>	1650/1000 lm
<b>Luminous flux tolerance</b>	±15 %
<b>Light color LED</b>	Cool white

### Dimensions & weight



<b>Product weight</b>	80.00 g
<b>Length</b>	87.4 mm

## Product datasheet

Diameter	18.5 mm
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### 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	22-09-2023
Primary Article Identifier	4062172284691   4062172314206
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

### 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	1.10 dm <sup>3</sup>	214.00 g
4062172284707	NIGHT BREAKER H4 LED	Shipping carton box 4	150 mm x 134 mm x 142 mm	2.85 dm <sup>3</sup>	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	
	User instruction NIGHT BREAKER LED
	Brochures LEDiving Retrofits - Exchange overview (EN)
	360 Degree Image 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-led](http://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.



# OSRAM