

# 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 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	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	64193DWN B	High and low beam

Product description	Electrical data					Photometric data
	Power input tolerance	Test voltage	Nominal voltage	Nominal wattage	Power input	Luminous flux tolerance
NIGHT BREAKER H4 LED	±15 %	13.2 V	12.0 V	27/23 W	27/23 W	±15 %

Product description	Luminous flux	Light color LED	Color temperature	Dimensions & weight			Lifespan
				Diameter	Length	Product weight	Lifespan B3
NIGHT BREAKER H4 LED	1650/1000 lm	Cool white	6000 K	18.5 mm	87.4 mm	80.00 g	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	2500 h	P43t	LED	ABG	07-03-2024

## Product family datasheet

Product description	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction
NIGHT BREAKER H4 LED	4062172284691   4062172314206	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	8e9ff543-2e16-4737-9ad4-29f7f4cbe8a3

### Download Data

File	
	User instruction NIGHT BREAKER LED
	Brochures LEDriving 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.

