

# NIGHT BREAKER H4-LED

OSRAM's first street-legal LED replacement lamp



**OSRAM's first H4 street-legal LED replacement lamp <sup>1)</sup>**

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



**Up to 230% more brightness <sup>2)</sup>**

Cool White LED-Upgrade with color temperature close to daylight for specific car models



**Up to 5 times more lifetime <sup>3)</sup>**

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 information				
Product description	Product legal advice 1	Product legal advice 2	Product legal advice 3	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	High and low beam

General Product Information		Electrical Data			
Product description	Global order reference	Test voltage	Nominal voltage	Nominal wattage	Power input tolerance
NIGHT BREAKER H4 LED	64193DWNB	13.2 V	12.0 V	27 W	±15 %

		Photometric Data			
Product description	Power input	Light color LED	Luminous flux tolerance	Nominal luminous flux	Color temperature
NIGHT BREAKER H4 LED	27/23 W	Cool white	±15 %	1650/1000 lm	6000 K

Physical Attributes & Dimensions				
Product description	Diameter	Lamp base	Length	Diameter
NIGHT BREAKER H4 LED	18.5 mm	P43t	87.4 mm	18.5 mm





		Lifetime Data		Capabilities	Certificates & standards
Product description	Product weight	Lifespan Tc	Lifespan B3	Technology	Standards
NIGHT BREAKER H4 LED	80.00 g	2500 hr	1500 hr	LED	ABG

Product family datasheet

Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)				
Product description	Primary article identifier	Candidate list substance 1	CAS No. of substance 1	Safe use instruction
NIGHT BREAKER H4 LED	4062172314206   4062172284691	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   6454693d-5478-4082-b473-129010c64fbc

Download Data

File	
	User instruction NIGHT BREAKER LED
	User instruction GPRS_Safety symbols instructions
	Brochures LEDriving 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](http://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.

