

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					Photometrical data	
	Nominal voltage	Nominal wattage	Power input tolerance	Power input	Test voltage	Luminous flux tolerance	Light color LED
NIGHT BREAKER H4 LED PRO	12.0 V	27/23 W	±15 %	27/23 W	13.2 V	±15 %	Cool white

Product description	Luminous flux & Color temperature			Dimensions & weight			Lifespan	
	Luminous flux	Color temperature	Length	Diameter	Product weight	Lifespan B3	Lifespan Tc	
NIGHT BREAKER H4 LED PRO	1650/1000 lm	6000 K	87.4 mm	18.5 mm	80.00 g	1500 h	2500 h	

Product description	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	P43t	LED	ABG	08-03-2024

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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.

