

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 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. 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/ledcheck.

Product family datasheet

Technical data

Product description	Product information				
	Application (Category and Product specific)	Order reference	Product legal advice 1	Product legal advice 2	Product legal advice 3
NIGHT BREAKER H4 LED	High and low beam	64193DWN B	1) Approved 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

Product description	Electrical data					Photometrical data	
	Power input	Test voltage	Power input tolerance	Nominal wattage	Nominal voltage	Color temperature	Luminous flux
NIGHT BREAKER H4 LED	27/23 W	13.2 V	±15 %	27/23 W	12.0 V	6000 K	1650/1000 lm

Product description	Luminous flux tolerance	Light color LED	Dimensions & weight			Lifespan	
			Product weight	Length	Diameter	Lifespan Tc	Lifespan B3
NIGHT BREAKER H4 LED	±15 %	Cool white	80.00 g	87.4 mm	18.5 mm	2500 h	1500 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	P43t	LED	ABG	30-11-2022





Product family datasheet

Product description	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction
NIGHT BREAKER H4 LED	4062172284714 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 6d03723c-6d2c-44f2-9eef-887a327d488f

Product family datasheet

Download Data

File	
	User instruction NIGHT BREAKER LED
	Brochures LEDriving Retrofits - Exchange overview (EN)
	Brochures 618438_LEDriving RETROFIT application 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
- 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.

