OSRAM

NIGHT BREAKER H1-LED

OSRAM's first NIGHT BREAKER H1 LED

Street-Legal1)

The NIGHT BREAKER LED family - OSRAM's first street-legal1) LED retrofit lamps.

6000K & Cool White

See and be seen with OSRAM. Cool white color temperature similar to daylight. For more safety on the road, especially when driving at night

Up to 5 times longer lifetime3)

Vibration resistant, environmentally friendly, and cost-efficient

4 year OSRAM guarantee

Systematic quality assurance measures underpin the premium workmanship and functionality of our products. Innovative technology and excellent quality really pay dividends for our customers.

With the NIGHT BREAKER H1 LED OSRAM's first street legal1) H1-LED replacement lamp is now on the market

With the street-legal1) NIGHT BREAKER H1-LED you can now upgrade the function of your high- and low beam lights of your vehicle to state-of-the-art LED technology. These LED replacement lamps are suitable as a replacement for conventional H1 lamps and bases. They offer a modern and bright white light with a color temperature of up to 6000 Kelvin and impress with reduced glare for other road users that is up to 40% lower as the permissible maximum values2). In comparison to standard lamps, such as halogen lamps, these LED retrofit lamps consume up to 55% less energy and convince thanks to the LED technology and the specially developed vibration-resistant design, with up to 5 times longer life time3). You can now replace your vehicle lamps with OSRAM´s revolutionary NIGHT BREAKER LED retrofit lamps and experience trend-setting brightness with road approval1) Additionally, OSRAM offers a dedicated guarantee on all NIGHT BREAKER LED retrofit lamps2)

Technical data

Product description	Product information			
	Product legal advice 1	Product legal advice 3	Product legal advice 2	Application (Category and Product specific)
NIGHT BREAKER H1 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 www.osram.com/nb-led	3) Compared to halogen lamps	2) In comparison to the minimum requirements of ECE R112, while the glare is below the maximum permissible values by up to 40%	High and low beam

Product description	General Product Information	Electrical Data			
	Global order reference	Nominal voltage	Nominal wattage	Power input tolerance	Power input
NIGHT BREAKER H1 LED	64150DWNB	12.0 V	16 W	±15 %	16.0 W

Product description	Photometric Data				Physical Attributes & Dimensions
	Light color LED	Luminous flux tolerance	Nominal luminous flux	Color temperature	Diameter
NIGHT BREAKER H1 LED	Cool white	±15 %	1550 lm	6000 K	11.8 mm

Product description	Lamp base	Length	Product weight	Lifetime Data
				Lifespan Tc
NIGHT BREAKER H1 LED	P14.5s	76.2 mm	50.00 g	2500 hr

Product description	Capabilities	Certificates & standards	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
	Lifespan B3	Technology	Standards	Date of declaration	Primary article identifier
NIGHT BREAKER H1 LED	1500 hr	LED	ABG	05-09-2024	4062172373791

Product description	Declaration no. in SCIP database
NIGHT BREAKER H1 LED	In work

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Product family datasheet

Download Data

	File
	User instruction NIGHT BREAKER LED H1 64150DWNB
	Brochures LEDriving Retrofits - Exchange overview (EN)

Safety advice

Application advice:For more detailed application information and graphics please see product datasheet and user manual.

Legal advice

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 the minimum requirements of ECE R112, while the glare is below the maximum permissible values by up to 40%

3) In comparison to traditional Halogen lamps

 4) For precise conditions please refer to: www.osram.com/am-guarantee

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.