

# 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)

## Product family datasheet

### Technical data

Product description	Product information				
	Order reference	Application (Category and Product specific)	Product legal advice 1	Product legal advice 2	Product legal advice 3
NIGHT BREAKER H1 LED	64150DWN B	High and low beam	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) In comparison to the minimum requirements of ECE R112, while the glare is below the maximum permissible values by up to 40%	3) compared to halogen lamps

Product description	Electrical data				Photometrical data	
	Power input tolerance	Power input	Nominal voltage	Nominal wattage	Luminous flux	Luminous flux tolerance
NIGHT BREAKER H1 LED	±15 %	16.0 W	12.0 V	16.00 W	1550 lm	±15 %

Product description	Color temperature	Light color LED	Dimensions & weight			Lifespan	
			Length	Diameter	Product weight	Lifespan B3	Lifespan Tc
NIGHT BREAKER H1 LED	6000 K	Cool white	76.2 mm	11.8 mm	50.00 g	1500 h	2500 h



Product description	Capabilities	Certificates & standards	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Technology	Standards	Date of Declaration	Primary Article Identifier
NIGHT BREAKER H1 LED	LED	ABG	05-03-2024	4062172373791

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

## Product family datasheet

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### 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](http://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](http://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.

