Product datasheet

NIGHT BREAKER LED SPEED H1

Street-Legal[1)]

The NIGHT BREAKER LED family - OSRAM's first street-legal[1)] LED retrofit lamps.

1:1 Design

Construction, dimensions and mechanical compatibility inspired by traditional lamps. For easy and quick installation.

Up to 6 times longer lifetime[3)]

Vibration resistant, environmentally friendly, and cost-efficient

Superior Brightness[2)]

See and be seen with OSRAM, for more safety on the road, especially when driving at night.



Halogen out - Night Breaker LED in. Quick and easy. With OSRAM's street-legal[1)] NIGHT BREAKER LED SPEED H1.

Quick to install, easy to mount with the latest innovative OSRAM electronics inside and a 1:1 design outside. The NIGHT BREAKER LED SPEED H1 not only combines mechanical compatibility and innovative electronics with an identical 1:1 design to traditional lamps, but also all the advanced features and benefits of OSRAM's street-legal[1)] LED lamps. For a maximum of speed and simplicity when installing and replacing your halogen bulbs and a high-quality upgrade in terms of seen and be seen with street-legal OSRAM LED lamps.With the street-legal[1)] NIGHT BREAKER LED SPEED H1 you can now upgrade the function of your high- and low beam light of your vehicle to state-of-the-art LED technology. There is no need for additional caps or adapters anymore to get the lamp installed. These LED replacement lamps are suitable as a replacement for conventional lamps and bases. They offer a modern and bright white light with a color temperature of up to 6000 Kelvin, a stable lumen output even at low battery voltage and impress with its superior brightness[2)], while the glare of other road users falls below the permissible maximum values by up to 50%[2)]. In comparison to standard lamps, such as halogen lamps, these LED retrofit lamps consume up to 60% less energy and convince thanks to the LED technology and the specially developed vibration-resistant design, with up to 6 times longer life time[3)]. You can now replace your conventional vehicle lamps with

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OSRAM´s revolutionary NIGHT BREAKER LED retrofit lamps and experience trend-setting brightness with road approval[1)]. Additionally, OSRAM offers a dedicated guarantee on all NIGHT BREAKER LED retrofit lamps[2)].

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Technical data

Product information

Application (Category and Product specific)	High and low beam

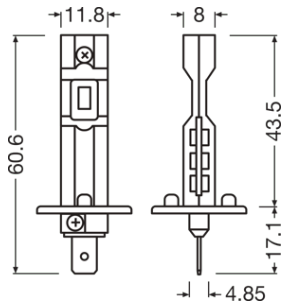
Electrical Data

Power input	8 W
Test voltage	13.2 V
Nominal wattage	8 W

Photometric Data

Nominal luminous flux	1200 lm
Luminous flux tolerance	+19 / -22 %
Light color LED	Cool white

Physical Attributes & Dimensions



Length	61.0 mm

Lifetime Data

Lifespan Tc	3000 hr
Lifespan B3	1500 hr

Capabilities

Technology	LED

Certificates & standards

Standards	ABG

Environmental & Regulatory Information

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Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172433747
Declaration no. in SCIP database	In work

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172433747	NIGHT BREAKER SPEED H1	Hanging Folding Box 2	100 mm x 51 mm x 120 mm	0.61 dm^3	73.00 g
4062172433754	NIGHT BREAKER SPEED H1	Shipping carton box 4	113 mm x 111 mm x 134 mm	1.68 dm^3	197.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Safety advice
Application advice:For more detailed application information and graphics please see product datasheet and user manual.Translation advice: Actual Size - Plastic free packaging - Light comparison- Approval Document- Accessories - Application – Content -Technology Comparison- Benefits – Superior Brightness -

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-led2)Compared to the minimum requirements of ECE R112, while the glare is below the maximum permissible values by up to 50%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.

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