

NIGHT BREAKER LED SMART ECE H11



ECE Street-Legal¹⁾

The NIGHT BREAKER LED family - OSRAM's first ECE street-legal LED retrofit lamps



Approved for all 12V vehicle models¹⁾

Approved for all 12V vehicle models, in all ECE member states, for all light functions as a replacement for all H11 lamps and H11 bases



Up to 6 times longer lifetime³⁾

Vibration resistant, environmentally friendly, and cost-efficient



Cool white & 6000K

Modern and intense white light with a color temperature similar to daylight



A revolutionary development in the retrofitting lamp sector. The new ECE street legal NIGHT BREAKER LED SMART ECE H11. OSRAM's first ECE homologated LED retrofit lamp.

OSRAM's new NIGHT BREAKER LED SMART ECE H11 is fully homologated according to ECE R37 and consequently approved for all 12V vehicles in all ECE member states for all light functions as suitable replacement for all H11 lamps and H11 bases.

The lamp's ECE R37 homologation eliminates the need for matching headlamp approval numbers, carrying official approval documents, or applying stickers.

They offer a modern and bright white light with a color temperature of up to 6000 Kelvin and impress with its extra brightness²⁾, 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 LED technology and the specially developed vibration-resistant design, with up to 6 times longer life time²⁾. They have been tested in our DIN-certified environmental simulation laboratory for extreme external influences in terms of the ingress of water and dust and validated with IP protection class IP55.

You can now replace your conventional vehicle lamps with OSRAM's revolutionary NIGHT BREAKER LED retrofit lamps and experience trend-setting brightness for the first time with ECE-road approval.

Additionally, OSRAM offers a dedicated guarantee³⁾ on all NIGHT BREAKER LED retrofit lamps.

Product family datasheet

Technical data

		Product information		
Product description	Application (Category and Product specific)	Product legal advice 1	Product legal advice 2	Product legal advice 3
NIGHT BREAKER SMART H11 ECE LED	High beam, low beam and fog light	1) Homologated in accordance with the applicable UN ECE R37 regulations	2) 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

		General Product Information	Electrical Data	
Product description	Product legal advice 4	Global order reference	Nominal voltage	Nominal wattage
NIGHT BREAKER SMART H11 ECE LED	4) For precise conditions please refer to: www.osram.com/am-guarantee	64211DWNBSM-ECE	12 V	14 W

		Photometric Data			Physical Attributes & Dimensions
Product description	Test voltage	Light color LED	Luminous flux tolerance	Nominal luminous flux	Length
NIGHT BREAKER SMART H11 ECE LED	13.2 V	Cool white	±10 %	1350 lm	68.0 mm




		Lifetime Data		Capabilities	Certificates & standards	
Product description	Product weight	Lifespan Tc	Lifespan B3	Technology	ECE category	Standards
NIGHT BREAKER SMART H11 ECE LED	102.00 g	3000 hr	1500 hr	LED		ECE R37

		Environmental & Regulatory Information		
		Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
Product description	Primary article identifier	Candidate list substance 1	CAS No. of substance 1	Safe use instruction
NIGHT BREAKER SMART H11 ECE LED	4062172418331	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product family datasheet

Product description	Declaration no. in SCIP database
NIGHT BREAKER SMART H11 ECE LED	b33327f1-2527- 400e-ae81- f7f71177fc2c

Download Data

File	
	User instruction NIGHT BREAKER LED SMART ECE
	User instruction GPRS_Safety symbols instructions
	Brochures Night Breaker LED SMART ECE H11 Specification list Installation instruction (EN)

Safety advice

Application advice:

For more detailed application information and graphics please see the product datasheet, user manual and specification list

Legal advice

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- 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.