Product datasheet

NIGHT BREAKER LED SMART ECE H11

ECE Street-Legal[1)]

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

Approved for all 12V vehicle models[1)]

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 lifetime[3)]

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. OSRAMs first ECE homologated LED retrofit lamp.

OSRAMs 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 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 LED technology and the specially developed vibration-resistant design, with up to 6 times longer life time[2)]. 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.

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Additionally, OSRAM offers a dedicated guarantee[3)] on all NIGHT BREAKER LED retrofit lamps.

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Technical data

Product information

Product legal advice 1	1) Homologated in accordance with the applicable UN ECE R37 regulations
Product legal advice 2	2) Compared to the minimum requirements of ECE R112, while the glare is below the maximum permissible values by up to 50%
Product legal advice 3	3) In comparison to traditional Halogen lamps
Product legal advice 4	4) For precise conditions please refer to: www.osram.com/am-guarantee

General Product Information

Global order reference	64211DWNBSM-ECE

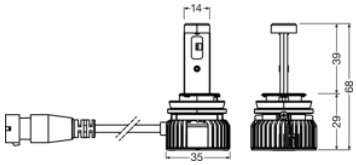
Electrical Data

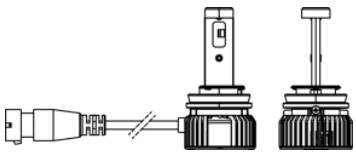
Test voltage	13.2 V
Nominal wattage	14 W
Nominal voltage	12 V

Photometric Data

Nominal luminous flux	1350 lm
Luminous flux tolerance	±10 %
Light color LED	Cool white

Physical Attributes & Dimensions





Product weight	102.00 g
Length	68.0 mm

Lifetime Data

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Lifespan Tc	3000 hr
Lifespan B3	1500 hr

Capabilities

Technology	LED

Certificates & standards

ECE category	
Standards	ECE R37

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172418331
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration no. in SCIP database	b33327f1-2527-400e-ae81-f7f71177fc2c

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172418331	NIGHT BREAKER SMART H11 ECE LED	Hanging Folding Box 2	136 mm x 56 mm x 162 mm	1.23 dm^3	295.00 g
4062172418348	NIGHT BREAKER SMART H11 ECE LED	Shipping carton box 4	149 mm x 125 mm x 180 mm	3.35 dm^3	674.00 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.

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)

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Safety advice
Application advice:

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

Legal advice
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

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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