

NIGHT BREAKER LED SMART ECE H11



ECE Street-Legal¹⁾

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



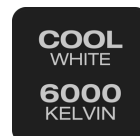
Approved for all 12V vehicle models¹⁾

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.

Ficha técnica da família de produto

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

Ficha técnica da família de produto

Dados técnicos

Descrição do produto	Informações Ambientais e Regulamentares Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Identificador primário do artigo	Lista de candidatos substância 1	CAS No. da substância 1	Instruções de uso seguro
NIGHT BREAKER SMART H11 ECE LED	4062172418331	Lead	7439-92-1	A identificação da substância da Lista de Candidatos é suficiente para permitir o uso seguro do artigo.

Descrição do produto	Número da declaração no banco de dados SCIP
NIGHT BREAKER SMART H11 ECE LED	b33327f1-2527-400e-ae81-f7f71177fc2c

Download Data

Arquivo	
	User instruction NIGHT BREAKER LED SMART ECE
	User instruction GPRS_Instruções dos símbolos de segurança
	Brochures NB LED SMART ECE H11 Specification list (HU)
	Brochures Night Breaker LED SMART ECE H11 Specification list Installation instruction (EN)

Instruções de segurança

Application advice:

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

Informação de legislação

- 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

Informações sobre aplicações

Para obter mais informações sobre aplicações e gráficos acesse a ficha técnica do produto.

Retratação

Sujeito a alteração sem prévio aviso. Sempre utilize a versão mais recente.