OSRAM

NIGHT BREAKER LED SMART ECE H11



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 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.

Technical data

	Product in	formation					
Product description	Product legal advice		Application (Category and Product specific)		-	l advice	Product legal advice
NIGHT BREAKER SMART H11 ECE LED	1) Homologated in accordance with the applicable UN ECE R37 regulations		Fog lamp		4) For precise conditions please refer to: www.osram.com/am-guarantee		3) In comparison to traditional Halogen lamps
			General P		Electrical Da	ta	
Product description	Product legal advice 2		Global order reference		Nominal vol	tage	Nominal wattage
NIGHT BREAKER SMART H11 ECE LED	is below th maximum	nts of ECE le the glare ne e values by	64211DW	NBSM-ECE	12 V		14 W
	Photometr		ic Data				Physical Attributes & Dimensions
Product description	Test voltage	Light color LED	r Lumir flux tolera	1	Nominal luminou flux	is	Length
NIGHT BREAKER SMART H11 ECE LED	13.2 V Cool white ±10 % 1350 lm				1350 lm		68.0 mm
			Lifetime D)ata	Capabilities	Certifi	cates & standards
Product description	Product weight		Lifespan Tc	Lifespan B3	Technology	ECE catego	Standards ory
NIGHT BREAKER SMART H11 ECE LED	102.00 g		3000 hr	1500 hr	LED		ECE R37
		ental & Regul on according A	•		n (EC) 1907/200	6 (REAC	h)
Product description	Primary article identifier		Candidate list substance 1		CAS No. of s	ubstance	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 description	Declaration no. in SCIP database	
NIGHT BREAKER SMART H11 ECE	b33327f1-2527-	
LED	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

- 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.