

## NIGHT BREAKER LED C5W ECE

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#### ECE Street-Legal<sup>1)</sup>

Fully homologated in accordance with ECE R37 and therefore approved in all ECE member states



#### Approved for all 12V vehicle models<sup>1)</sup>

Approved for all 12V vehicle models for all lighting functions in which a C5W bulb is in use



#### Up to 5 times longer lifetime<sup>3)</sup>

Vibration resistant, environmentally friendly, and cost-efficient



#### Cool white & 6000K

The perfect match. 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 C5W ECE

Innovation meets sophisticated simplicity.

OSRAM's new NIGHT BREAKER LED C5W ECE is fully homologated according to ECE R37 and consequently approved for all 12V vehicles in all ECE member states for all light functions where a C5W is applicable as a suitable replacement<sup>1)</sup>. It has never been so convenient to convert from halogen to LED. The lamp's ECE R37 homologation eliminates the need for matching headlamp approval numbers, carrying official approval documents, or applying stickers. One lamp, multiple applications. With their universal polarity and wide range of applications, they can be used as a replacement for interior lighting, reading lights, door lighting, side marker lights, entry lighting, license plate lighting, and in any other application where the C5W can be required. Versatile LED Upgrade with harmonized performance.

The OSRAM NIGHT BREAKER LED C5W ECE delivers an extra bright<sup>2)</sup>, cool white light with a color temperature of up to 6000 Kelvin, offering a sleek, modern appearance. It is designed to work in perfect harmony, as an ideal complement and a perfect addition with OSRAM's NIGHT BREAKER LED range for low beam, high beam, and fog light applications as a comprehensive LED light upgrade but for sure can also serve as a high-performance standalone upgrade. Sustainable Illumination. Compared to traditional signal lamps, the NIGHT BREAKER LED C5W ECE



consumes up to 80% less energy<sup>3)</sup>, contributing to enhanced fuel efficiency. Its service life — up to five times longer — significantly reduces maintenance intervals and material consumption, resulting in lower waste generation. Supplied in plastic-free packaging, the product promotes resource conservation throughout its entire lifecycle. Engineered to endure. OSRAM products are innovative and technologically high-quality products that are carefully tested and subject to the strict monitoring undertaken by the OSRAM quality assurance system. Therefore, OSRAM offers a dedicated guarantee on all NIGHT BREAKER LED retrofit lamps<sup>4)</sup>. Ready to replace. You can now replace your conventional vehicle lamps with OSRAM's revolutionary NIGHT BREAKER LED retrofit lamps and experience trend-setting simplicity with ECE-road approval.

Product family datasheet

Technical data

|                           | Product information                                                                                             |                                                     |                                               |                                             |                          |
|---------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------|---------------------------------------------|--------------------------|
| Product description       | Product legal advice 1                                                                                          | Product legal advice 2                              | Product legal advice 3                        | Application (Category and Product specific) |                          |
| NIGHT BREAKER LED C5W ECE | 1) Homologated in accordance with the applicable UN ECE R37 regulations                                         | 2) Compared to the minimum requirements of ECE R112 | 3) In comparison to traditional Halogen lamps | Position light, Interior light              |                          |
|                           |                                                                                                                 | Electrical Data                                     |                                               |                                             |                          |
| Product description       | Product legal advice 4                                                                                          | Power input                                         | Test voltage                                  | Nominal wattage                             | Nominal voltage          |
| NIGHT BREAKER LED C5W ECE | 4) For precise conditions please refer to:<br>www.osram.com/am-guarantee                                        | 1 W                                                 | 13.5 V                                        | 0 W                                         | 12 V                     |
|                           | Photometric Data                                                                                                |                                                     |                                               | Physical Attributes & Dimensions            |                          |
| Product description       | Luminous flux tolerance                                                                                         | Nominal luminous flux                               | Light color LED                               | Length                                      | Lamp base                |
| NIGHT BREAKER LED C5W ECE | ±25 %                                                                                                           | 45 lm                                               | Cool white                                    | 36.0 mm                                     | SV8.5-8                  |
|                           |                                                                                                                 | Lifetime Data                                       |                                               | Capabilities                                | Certificates & standards |
| Product description       | Diameter                                                                                                        | Lifespan Tc                                         | Lifespan B3                                   | Technology                                  | Standards                |
| NIGHT BREAKER LED C5W ECE | 11.0 mm                                                                                                         | 3000 hr                                             | 1500 hr                                       | LED                                         | ECE R37                  |
|                           | Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                                     |                                               |                                             |                          |
| Product description       | Primary article identifier                                                                                      | Declaration no. in SCIP database                    |                                               |                                             |                          |
| NIGHT BREAKER LED C5W ECE | 4062172425162                                                                                                   | In work                                             |                                               |                                             |                          |

Download Data

| File                                                                              |                                                      |
|-----------------------------------------------------------------------------------|------------------------------------------------------|
|  | User instruction<br>GPRS_Safety symbols instructions |
|  | User instruction<br>NIGHT BREAKER LED C5W-LEDr       |

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
- 3) In comparison to traditional Halogen lamps
- 4) For precise conditions please refer to: [www.osram.com/am-guarantee](http://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.