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# OSRAM LED Star Classic P40 LED Lamp

## USER MANUAL

### 1. Product Overview

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The OSRAM LED Star Classic P40 LED Lamp is a professional LED lamp designed for mains voltage applications. It features innovative LED "filament" technology, providing a warm white light (2700K) with a brightness of 470 lumens, equivalent to a conventional 40W incandescent bulb. This lamp is non-dimmable and offers a long lifespan, making it an energy-efficient lighting solution.

- **Pleasant Light:** Delivers very good light quality with a warm white color, achieving 100% light output instantly without warm-up time.
- **Robust Design:** Advanced LED technology ensures high resistance to bumps and vibrations.
- **Long Service Life:** Designed for a lifespan of up to 15,000 hours, contributing to energy efficiency.
- **Energy Efficient:** Consumes very little energy, suitable for extended use and electricity savings.



Figure 1: Packaging of the OSRAM LED Star Classic P40 LED Lamp, highlighting key features such as 40W equivalent, 470 lumens, warm white light, E14 base, and a 15-year lifespan.

## 2. Installation

This LED lamp is designed for easy installation into standard E14 lamp holders. Ensure the power supply is turned off before proceeding with installation.

- 1. Safety First:** Before handling the lamp, ensure the power to the light fixture is completely switched off at the main circuit breaker to prevent electrical shock.
- 2. Remove Old Bulb:** If replacing an existing bulb, allow it to cool down completely before carefully unscrewing it counter-clockwise from the E14 lamp holder.
- 3. Insert New Lamp:** Gently screw the OSRAM LED Star Classic P40 LED Lamp clockwise into the E14 lamp holder until it is snug. Do not overtighten.
- 4. Restore Power:** Once the lamp is securely installed, restore power to the light fixture at the main circuit breaker.
- 5. Test:** Turn on the light switch to confirm the lamp is functioning correctly.



Figure 2: A single OSRAM LED Star Classic P40 LED Lamp, illustrating its E14 base for easy screw-in installation.

### 3. Operation

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The OSRAM LED Star Classic P40 LED Lamp is designed for straightforward operation. Simply turn on the power to the fixture, and the lamp will illuminate instantly.

- **Instant Full Brightness:** The lamp provides 100% light output immediately upon switching on, with no warm-up time required.
- **Non-Dimmable:** This lamp is specifically designed as non-dimmable. Attempting to use it with a dimmer switch may result in flickering, damage to the lamp, or premature failure.
- **Beam Angle:** Offers a wide beam opening of up to 300°, ensuring broad light distribution.

- **Light Quality:** Features a good light quality with a Color Rendering Index (CRI) of  $R_a \geq 80$ , providing accurate color representation.

## 4. Maintenance and Care

The OSRAM LED Star Classic P40 LED Lamp requires minimal maintenance due to its robust design and long lifespan. Follow these guidelines for optimal performance:

- **Cleaning:** Ensure the lamp is cool and the power is off before cleaning. Wipe the lamp gently with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Environmental Conditions:** This lamp is intended for indoor use. If used outdoors, it must be installed in a suitable outdoor luminaire that provides adequate protection from elements.
- **Heat Management:** The lamp produces lower thermal power compared to conventional incandescent lamps, but ensure adequate ventilation around the fixture.
- **No UV or IR Emission:** The lamp emits no harmful UV or IR radiation in the light beam, making it safe for various applications.

## 5. Troubleshooting

If you encounter issues with your OSRAM LED Star Classic P40 LED Lamp, consider the following common troubleshooting steps:

- **Lamp Not Lighting Up:**

- Check if the lamp is securely screwed into the E14 holder.
- Verify that the power supply to the fixture is on and the circuit breaker has not tripped.
- Test the lamp in another known working fixture to rule out a faulty lamp holder.

- **Flickering:**

- Ensure the lamp is not connected to a dimmer switch. This lamp is non-dimmable.
- Check for loose connections in the fixture or wiring.

- **Reduced Brightness:**

- Ensure the lamp is clean and free from dust or debris.
- Verify the lamp is receiving the correct voltage (240V).

If problems persist after following these steps, please contact OSRAM customer support.

## 6. Specifications

Detailed technical specifications for the OSRAM LED Star Classic P40 LED Lamp:

Feature	Specification
Brand	OSRAM
Model Name	LEDSCLP40 4W/827 230VGLFR E14 3X2 OSRAM
Item Model Number	4058075604186
Light Type	LED

Feature	Specification
Wattage	4 watts
Incandescent Equivalent Wattage	40 Watts
Brightness	470 Lumens
Light Color	Warm White (2700 Kelvin)
Voltage	240 Volts
Bulb Base	E14
Bulb Shape Size	B9 (Spherical)
Special Feature	Non-Dimmable
Average Life	15,000 Hours
Color Rendering Index (CRI)	≥ 80
Material	Glass
Product Dimensions	1.81 x 3.74 x 5.12 inches
Item Weight	1.69 ounces (0.05 Kilograms)
Indoor/Outdoor Usage	Indoor (Outdoor only in suitable luminaires)

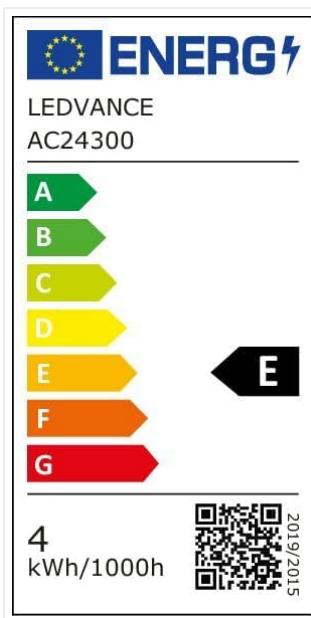


Figure 3: Energy efficiency label for the LEDVANCE (OSRAM) lamp, indicating an energy class of E and energy consumption of 4 kWh per 1000 hours. More details can be found at [eprel.ec.europa.eu/qr/1403381](http://eprel.ec.europa.eu/qr/1403381).

## 7. Warranty and Support

OSRAM LED Star Classic P40 LED Lamps are manufactured to high quality standards and are designed for a long operational life of up to 15,000 hours.

For warranty claims, technical support, or further inquiries, please contact OSRAM customer service or visit the official OSRAM website. Keep your proof of purchase for any warranty-related matters.

You can find more information and products from OSRAM by visiting the [OSRAM Store on Amazon](#).

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