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› Aigostar LED Ceiling Lamp 18W 4000K - Instruction Manual

Aigostar 8433325315009

Aigostar LED Ceiling Lamp 18W 4000K - Instruction Manual

Brand: Aigostar | Model: 8433325315009

1. INTRODUCTION

Thank you for choosing the Aigostar LED Ceiling Lamp. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting fixture. Please read these instructions carefully before use and retain them for future reference.



Figure 1: A pair of Aigostar 18W LED ceiling lamps, round and white, designed for general illumination.

2. PRODUCT FEATURES

- **Direct Light Source:** Utilizes direct light-emitting technology for uniform illumination, directing light outwards through a diffuser.
- **Super Bright & Glare-Free:** Equipped with high-quality LEDs providing 2100 lumens of 4000K natural light. Features a Color Rendering Index (CRI) of over 80 for high color accuracy, uniform light distribution, and no harmful UV rays, ensuring eye comfort.
- **Energy Saving:** The 18W LED lamp is equivalent to a 175-watt incandescent bulb, offering up to 90% electricity savings. Designed for a working environment of -20°C to 45°C with a power factor (PF) greater than 0.5, and a lifespan exceeding 20,000 hours.
- **Durable and Safe:** Constructed with a high-quality PC plastic housing (Class A) for superior light transmittance and intensity. It is shock-resistant, vibration-resistant, and insulated.
- **Multiple Scenarios:** Suitable for various indoor settings including living rooms, kitchens, bedrooms, balconies, shopping malls, offices, and corridors.

Multi-scenario Application

Living Room/Kitchen/Bedroom/Corridor



Figure 2: The Aigostar LED ceiling lamp is suitable for diverse indoor applications, providing consistent illumination in living rooms, kitchens, bedrooms, and hallways.

3. PACKAGE CONTENTS

- 2 x Aigostar LED Ceiling Lamp (18W, 4000K)
- Mounting Hardware (screws, wall plugs)
- Instruction Manual

4. SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, please observe the following safety precautions:

- Always disconnect power at the circuit breaker before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician or a person with adequate knowledge of electrical wiring.
- Ensure the mounting surface is structurally sound and can support the weight of the fixture.
- Do not modify the fixture in any way.
- Keep the fixture away from flammable materials.
- This product is designed for indoor use only (IP20 rating). Avoid exposure to water or high humidity.
- Do not stare directly into the LED light source when illuminated.

5. SETUP AND INSTALLATION

The Aigostar LED Ceiling Lamp supports both surface mount and wall mount installations. Follow these steps for proper setup:

1. **Prepare the Installation Area:** Turn off the main power supply at the circuit breaker. Mark the desired mounting points on the ceiling or wall.
2. **Install the Mounting Bracket:** Secure the provided mounting bracket to the marked points using the screws and wall plugs. Ensure the bracket is firmly attached.
3. **Connect Wiring:** Connect the household electrical wires to the terminal block on the lamp. Ensure correct polarity (Live, Neutral, Earth) according to local electrical codes.
4. **Mount the Lamp:** Align the lamp with the mounting bracket and secure it in place. Ensure all connections are tight and the lamp is stable.
5. **Restore Power:** Once the installation is complete, restore power at the circuit breaker.



18W



2100lm



4000K



200-240V



175W



IP20

LED Ceiling Light

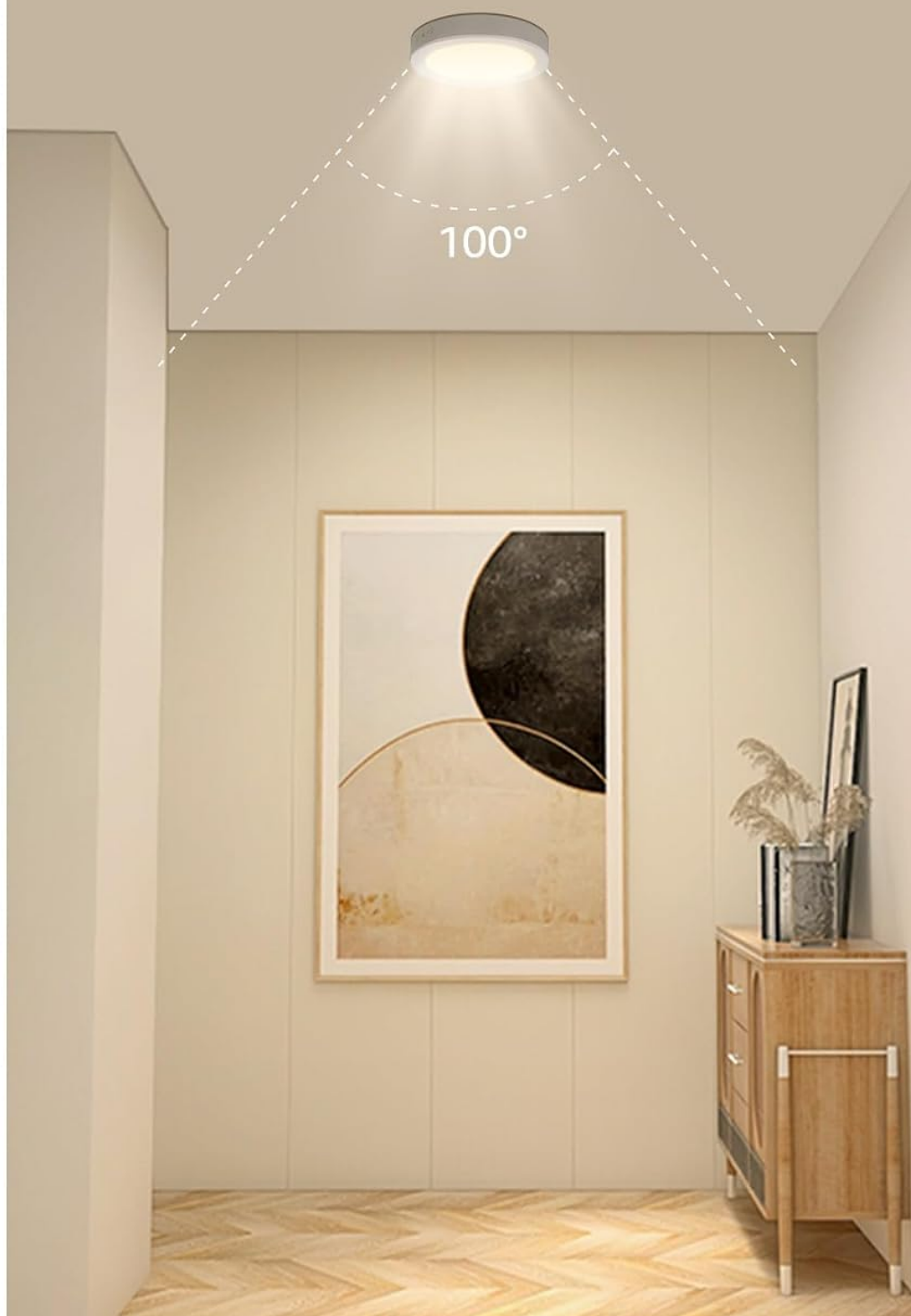


Figure 3: Illustration of the two installation methods: surface mount for ceilings and wall mount for vertical surfaces.

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Video 1: This video demonstrates the installation process for an Aigostar LED ceiling lamp, showcasing the steps from mounting the bracket to securing the fixture. While the video features a 6W model, the installation principles are applicable to the 18W version.

6. OPERATING INSTRUCTIONS

The Aigostar LED Ceiling Lamp is designed for simple operation:

- Once installed and power is restored, the lamp can be controlled using a standard wall switch.
- Flip the wall switch to the 'ON' position to illuminate the lamp.
- Flip the wall switch to the 'OFF' position to turn off the lamp.

7. MAINTENANCE

To maintain the performance and appearance of your LED ceiling lamp:

- **Cleaning:** Ensure the power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Inspection:** Periodically check for any loose connections or signs of damage. If any issues are found, disconnect power and consult a qualified electrician.
- **No User-Serviceable Parts:** The LED light source is integrated and not replaceable by the user. Do not attempt to open or repair the fixture.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lamp does not light up	No power supply Loose wiring connection Faulty wall switch	Check circuit breaker and wall switch. Ensure all wire connections are secure (with power off). Test or replace the wall switch.
Light flickers	Loose wiring Incompatible dimmer switch (if applicable)	Check and secure all wiring connections (with power off). Ensure a compatible dimmer is used, or remove the dimmer if not designed for LED.
Reduced brightness	Dust accumulation Aging LED components	Clean the lamp surface. LEDs have a long lifespan, but gradual degradation can occur over many years.

9. SPECIFICATIONS



Figure 4: Key specifications of the Aigostar LED ceiling lamp, including power, brightness, and color temperature.

Specification	Value
Brand	Aigostar
Model Number	8433325315009

Specification	Value
Product Dimensions	24 x 23.5 x 8.2 cm; 660 g
Wattage	18 Watts
Luminous Flux	2100 Lumens
Color Temperature	4000 Kelvin (Natural Light)
Material	Plastic
Finish	Powder Coated
Light Direction	Downlight
Power Source	DC Power (AC 200-240V input)
Installation Type	Ceiling Mount / Surface Mount
Special Features	Energy Efficient
IP Rating	IP20

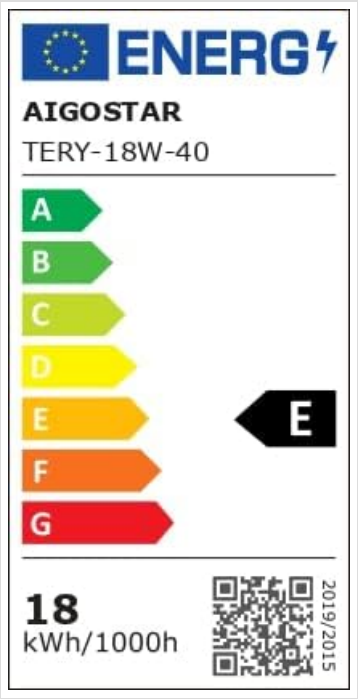


Figure 5: The energy efficiency label for the Aigostar LED ceiling lamp. For more details, visit the [EPREL database](#).

10. WARRANTY AND SUPPORT

Aigostar products are manufactured to high-quality standards and are covered by a manufacturer's warranty. Please refer to the specific warranty terms provided with your purchase or visit the Aigostar official website for detailed information.

For technical support, troubleshooting assistance, or warranty claims, please contact Aigostar customer service through their official channels or the retailer from whom you purchased the product.

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