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Aigostar 291082

Aigostar LED Ceiling Light 24W 6500K (Model 291082) User Manual

Model: 291082

Introduction

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

The Aigostar LED Ceiling Light is designed to provide bright, uniform, and energy-efficient illumination for various indoor spaces. Its direct downward light emission technology ensures a modern and well-lit environment.



This image shows the Aigostar LED Ceiling Light mounted on a ceiling, illuminating a contemporary living space with its cool white light.

Safety Information

- Always disconnect the power supply before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician or a competent person.
- Ensure the mounting surface is structurally sound and can support the weight of the fixture.
- Do not modify the product in any way, as this may void the warranty and pose safety risks.
- This product is designed for indoor use only. Do not expose it to water or high humidity.
- Keep packaging materials out of reach of children.

Package Contents

Please check the package for the following items:

- Aigostar LED Ceiling Light (1 unit)
- Mounting screws
- Mounting cap
- Junction box cover
- User Manual

Setup and Installation

Follow these steps for safe and proper installation:

1. **Prepare the Installation Area:** Ensure the power supply is turned off at the main circuit breaker. Mark the desired location for the light fixture on the ceiling.
2. **Drill Holes:** Drill two holes in the ceiling at the marked positions. Insert the provided plastic stoppers into the drilled holes.
3. **Attach Lamp Holder:** Fix the lamp holder (mounting bracket) to the ceiling using the screws provided. Ensure it is securely fastened.
4. **Connect Wiring:** Connect the Live (L) and Neutral (N) wires from your AC power supply to the corresponding terminals on the light fixture. Ensure all connections are secure and properly insulated.
5. **Mount the Light Fixture:** Push the LED ceiling light into the lamp holder. Secure the lamp by fixing it with screws on both sides.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the main circuit breaker.



A clear, four-step visual guide for installing the Aigostar LED Ceiling Light. Step 1: Drill two holes and insert plastic stoppers. Step 2: Fix the lamp holder to the ceiling with screws. Step 3: Connect the L and N wires to the AC power supply. Step 4: Push the lamp into the holder and secure it with screws on both sides.

Operating Instructions

The Aigostar LED Ceiling Light is designed for simple operation:

- **Power On/Off:** Control the light using a standard wall switch connected to the fixture's power supply.
- **Brightness and Color Temperature:** This model provides a consistent 2700 lumens of cool white light at 6500K. It is not dimmable and does not offer adjustable color temperature.
- **Eye Protection:** The light features flicker-free operation and a high Color Rendering Index (CRI > 80), which helps reduce eye strain and ensures colors appear natural.



This image highlights the advanced eye protection technology of the Aigostar LED Ceiling Light, showing a smartphone camera screen that confirms the absence of flicker, ensuring a comfortable lighting environment. It also compares CRI 80+, CRI 70, and CRI 60 with images of oranges.



This composite image illustrates the versatility of the Aigostar LED Ceiling Light, demonstrating its suitability for different indoor environments such as living rooms, bedrooms, kitchens, and hallways.

Maintenance

To ensure the longevity and optimal performance of your Aigostar LED Ceiling Light, follow these simple maintenance guidelines:

- **Cleaning:** Before cleaning, ensure the power supply is disconnected. 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 the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.
- **No User-Serviceable Parts:** The LED components are integrated and not user-replaceable. Do not attempt to open or repair the fixture yourself.

Troubleshooting

If you encounter issues with your Aigostar LED Ceiling Light, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty wall switch	Check circuit breaker and wall switch. Ensure wires are securely connected (with power off). Test the wall switch with another device.
Light flickers	Loose wiring connection Incompatible dimmer switch (this light is not dimmable)	Check wiring connections (with power off). Ensure no dimmer switch is used with this fixture.
Insufficient brightness	Dust accumulation on diffuser Incorrect expectation of brightness	Clean the diffuser gently. Refer to specifications for expected lumen output (2700LM).

If the problem persists after trying these solutions, please contact customer support.

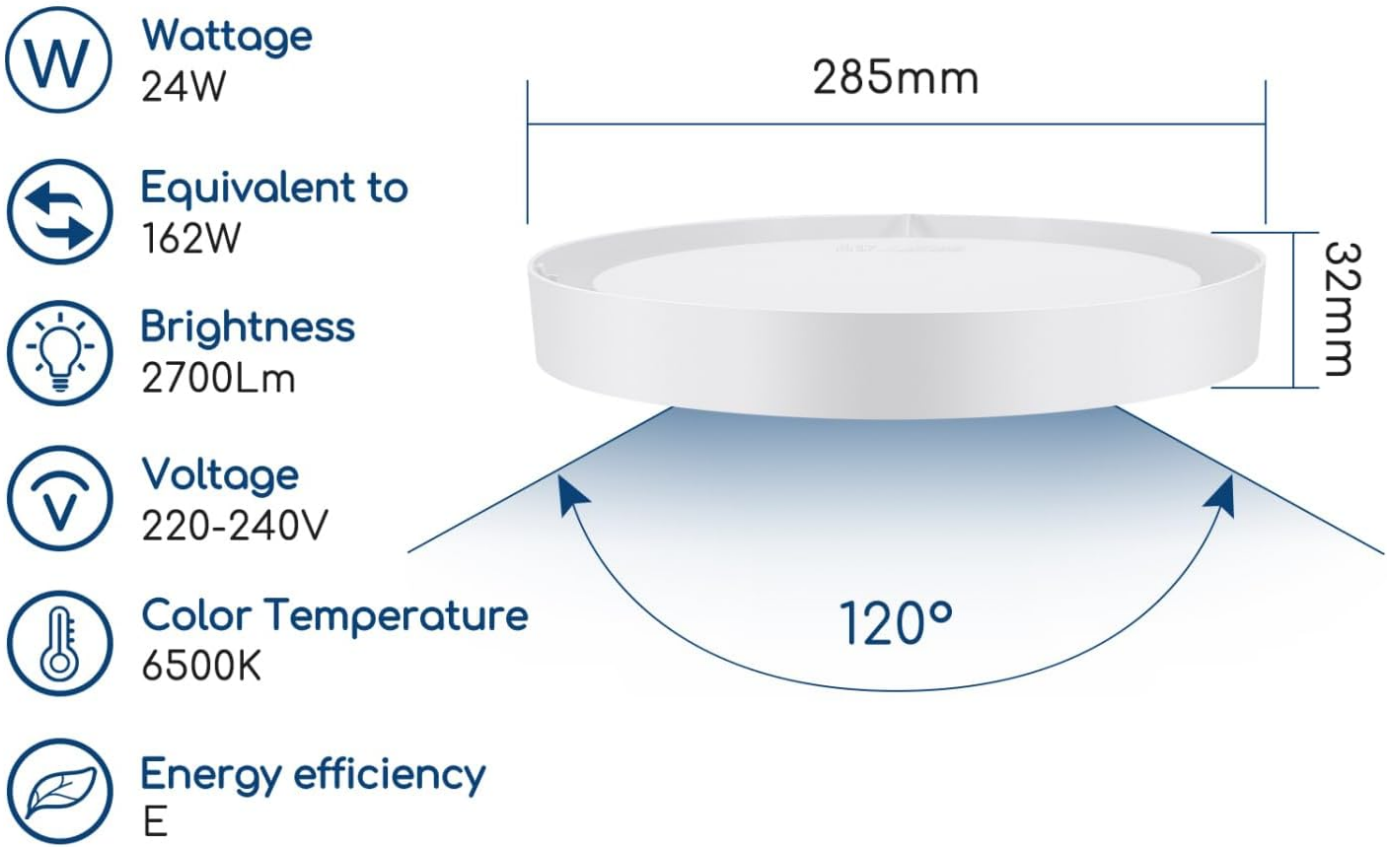
Specifications

Feature	Detail
Brand	Aigostar
Model Number	291082
Product Dimensions	Ø28.9 cm x 3.8 cm (Ø289mm x H38mm)
Item Weight	500 g
Wattage	24 Watts (equivalent to 162W incandescent)
Luminous Flux	2700 Lumens
Color Temperature	6500K (Cool White)
Voltage	230 Volts
Material	Polypropylene (PP) / Plastic
Style	Minimalist, Flat Circular
Special Features	Shock Resistant, Flicker-Free, High CRI (>80)
Beam Angle	100°
Lifespan	Over 20,000 hours
Operating Temperature	-20°C to 45°C
Power Factor (PF)	>0.9

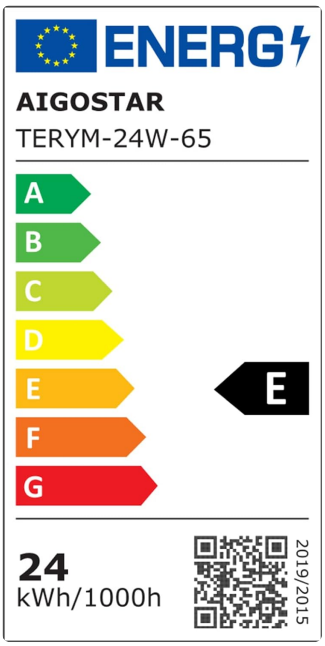
Feature	Detail
Energy Efficiency Class	E
Installation Type	Ceiling Mount
Usage	Indoor (Living room, bedroom, kitchen, corridor)

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Dimensions and Specification



A detailed graphic presenting the product's dimensions (285mm diameter, 32mm height) and technical specifications: 24W wattage, 162W equivalent, 2700 lumens brightness, 220-240V voltage, 6500K color temperature, and E energy efficiency rating.



The official EU Energy Label for the Aigostar LED Ceiling Light (Model TERYM-24W-65), indicating its energy efficiency class as E and power consumption of 24 kWh/1000h. For more details, visit the EPREL database.

Warranty Information

The Aigostar LED Ceiling Light comes with a **2-year product warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.
Please retain your proof of purchase for warranty claims.

Customer Support

For any questions, technical assistance, or warranty claims regarding your Aigostar LED Ceiling Light, please contact the seller or manufacturer directly through their official channels. Provide your model number (291082) and proof of purchase for faster service.

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