

Aigostar 210403

Aigostar 12W LED Ceiling Light User Manual

Model: 210403 | 4000K Natural White

1. PRODUCT OVERVIEW

The Aigostar 12W LED Ceiling Light, Model 210403, is designed to provide efficient and uniform illumination for indoor spaces. This fixture features direct light emission technology, ensuring light is directed downwards for consistent brightness. It offers a natural white light at 4000K with a high luminous flux of 960 lumens, making it suitable for various rooms.

Key features include:

- **Energy Efficiency:** Consumes 12W, equivalent to a 120W incandescent lamp, offering significant energy savings.
- **High Brightness:** Delivers 960 lumens of natural white light (4000K).
- **Glare-Free Illumination:** Designed to provide uniform light distribution with a 100° beam angle and a Color Rendering Index (CRI) greater than 80, minimizing eye strain.
- **Durable Construction:** Made from high-quality polycarbonate, ensuring resistance to shock and vibration.
- **Long Lifespan:** Rated for over 20,000 hours of operation.



2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Always turn off the main power supply at the circuit breaker before attempting any installation, maintenance, or repair.
- **Qualified Personnel:** Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- **Voltage:** Ensure the power supply voltage matches the product's specified voltage (220V).
- **Indoor Use Only:** This product has an IP20 rating, indicating it is protected against solid objects larger than 12.5mm but has no protection against water. It is intended for indoor use only in dry locations.
- **Mounting Surface:** Mount the fixture only on a stable and appropriate ceiling surface.
- **Heat:** Do not cover the fixture with insulating material. Ensure adequate ventilation around the light.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

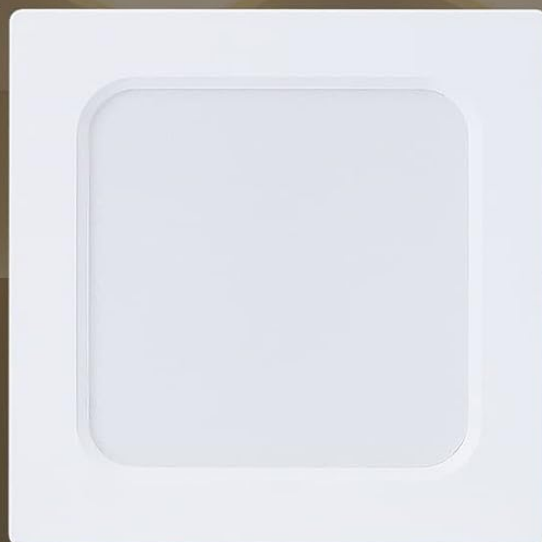
Verify that all components are present and undamaged upon opening the package. If any parts are missing or damaged, contact your retailer or Aigostar customer support.

- Aigostar 12W LED Ceiling Light (1 unit)
- Mounting Bracket (1 unit)
- Plastic Wall Anchors (2 units)
- Mounting Screws (2 units for bracket, 2 units for fixture)
- User Manual (this document)

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Ceiling Lamp Size

17,3cm



3,5cm



IP20



Eye
protection



Energy
saving

Figure 2: Included components and dimensions.

4. SPECIFICATIONS

Parameter	Value
Brand	Aigostar
Model Number	210403

Dimensions (L x W x H)	17.3 x 17.3 x 3.5 cm
Weight	280 g
Material	Polycarbonate (PC)
Input Voltage	220 Volts
Power Consumption	12 Watts
Luminous Flux	960 lumens
Color Temperature	4000K (Natural White)
Beam Angle	100°
Color Rendering Index (CRI)	>80
Lifespan	>20,000 hours
IP Rating	IP20 (Indoor Use Only)
Energy Efficiency Class	E
Switch Type	Compatible with standard wall switches

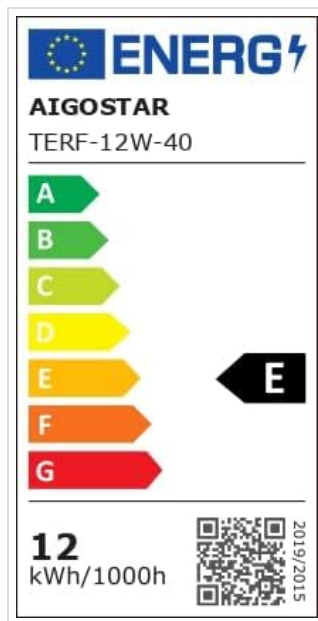


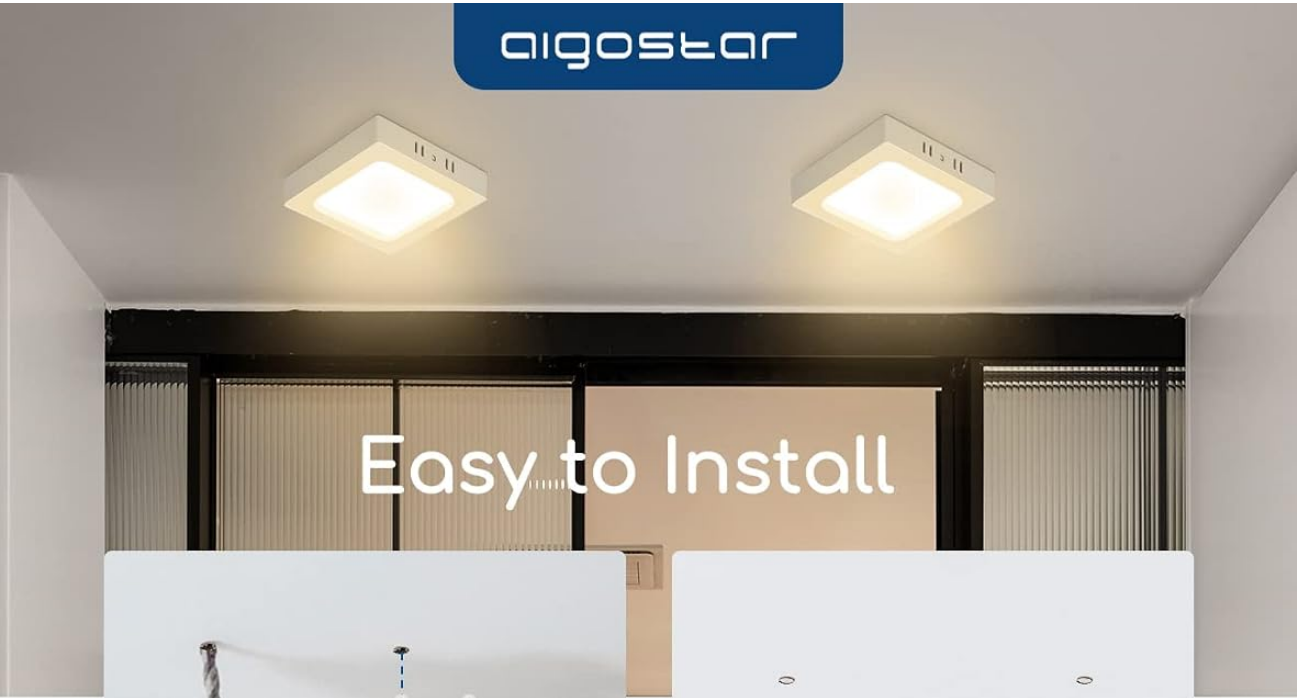
Figure 3: Energy Label for Model 210403. For more details, visit eprel.ec.europa.eu/qr/747093.

5. INSTALLATION

Follow these steps for safe and proper installation. If you are not confident in performing electrical work, consult a qualified electrician.

- 1. Prepare for Installation:** Turn off the main power supply to the installation area at the circuit breaker. Ensure the power is completely disconnected before proceeding.
- 2. Mark Drilling Points:** Position the mounting bracket on the ceiling where the light will be installed. Use a pencil to mark the two drilling points for the screws.
- 3. Drill Holes:** Drill two holes at the marked points. Insert the plastic wall anchors into the drilled holes.

4. **Secure Mounting Bracket:** Align the mounting bracket with the inserted anchors and fix it to the ceiling using the provided screws. Ensure it is securely fastened.
5. **Connect Wiring:** Connect the live (L) and neutral (N) wires from your AC power supply to the corresponding terminals on the LED ceiling light. Ensure all connections are secure and properly insulated.
6. **Attach Fixture:** Gently push the LED ceiling light fixture onto the mounting bracket. Secure the fixture to the bracket using the small screws on both sides of the lamp.
7. **Restore Power:** Once the installation is complete and all connections are secure, restore power at the circuit breaker.

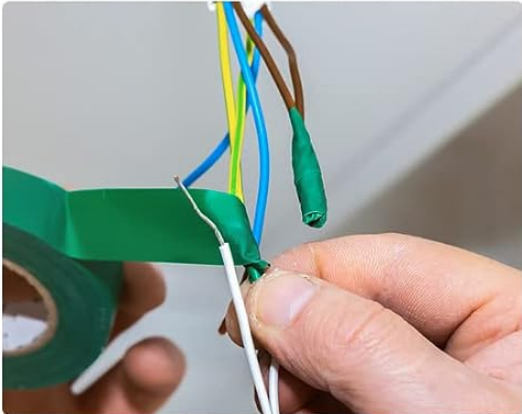




1. Drill 2 holes in the ceiling, and insert the swell plastic stoppers.



2. Fix the lamp holder on the ceiling with screws.



3. Connect the L,N wire with the AC power supply.



4. Push the lamp into the lamp holder, fix the lamp with screw on both sides.

6. OPERATING INSTRUCTIONS

The Aigostar 12W 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.
- **No Flicker Technology:** The light is engineered to provide stable illumination without visible flicker, enhancing visual comfort.

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High Luminous Flux

Brighter and Energy Efficient



Figure 5: Illustration of flicker-free lighting.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your LED ceiling light.

- **Cleaning:** Before cleaning, ensure the power supply to the fixture is turned off. Use a soft, dry, or slightly damp cloth to wipe the surface of the light. Do not use harsh chemicals, abrasive cleaners, or solvents, as

these can damage the finish or electrical components.

- **No User-Serviceable Parts:** The LED components are integrated and not user-replaceable. Do not attempt to disassemble the fixture.

8. TROUBLESHOOTING

If you encounter issues with your Aigostar LED Ceiling Light, 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 the circuit breaker and ensure power is on. Turn off power, check wiring connections for security. Test the wall switch or consult an electrician.
Light flickers	Unstable power supply Loose wiring Incompatible dimmer switch (this light is not dimmable) Product defect	Ensure stable power. Check wiring connections. Do not use with dimmer switches. If problem persists, contact support.
Light is dim or inconsistent	Voltage fluctuation Dust accumulation	Ensure stable voltage. Clean the light surface.

If the problem persists after attempting these solutions, please contact Aigostar customer support for further assistance.

9. WARRANTY AND SUPPORT

Aigostar products are manufactured to high-quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the documentation provided with your purchase or visit the official Aigostar website. For technical support, product inquiries, or warranty claims, please contact Aigostar customer service through their official channels. Keep your purchase receipt and product model number (210403) handy when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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