

Aigostar AL-RCI036FC5-BM

Aigostar Mesh Smart LED Ceiling Light AL-RCI036FC5-BM User Manual

Model: AL-RCI036FC5-BM

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Aigostar Mesh Smart LED Ceiling Light. Please read this manual thoroughly before installation and use to ensure proper function and safety. This smart ceiling light features Bluetooth Mesh technology, offering dimmable lighting, adjustable color temperature (3000K-6500K), RGB color options, and compatibility with Amazon Alexa for convenient control.

SAFETY INFORMATION

- Always turn off the main power supply before attempting any installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician to prevent electric shock or fire hazards.
- Ensure the voltage supply matches the product's requirements (220V AC).
- Do not disassemble or modify the product. Unauthorized modifications may void the warranty and pose safety risks.
- This product has an IP44 rating, meaning it is protected against solid objects larger than 1mm and splashing water from any direction. It is not suitable for direct water immersion or high-pressure water jets.
- Keep the product away from flammable materials and extreme temperatures.

PACKAGE CONTENTS

Verify that all components are present in the package:

- Aigostar Mesh Smart LED Ceiling Light (1 unit)
- Remote Control
- Instruction Manual
- Mounting Hardware (screws, wall plugs)



Aigostar Mesh Smart LED Ceiling Light with remote control, Amazon Echo device, and smartphone app interface, demonstrating smart control capabilities.

SPECIFICATIONS

Feature	Specification
Brand	Aigostar
Model Number	AL-RCI036FC5-BM
Dimensions	Ø49.5 cm x 6.8 cm
Weight	2.25 kg
Power Consumption	36W
Luminous Flux	3960 LM
Color Temperature	3000K-6500K (Warm White to Cool White)
Color Options	RGB (16 Million Colors)
Dimmable	Yes (1% to 100%)

Voltage	220V AC
IP Rating	IP44
Special Features	Color Changing, Dimmable, Energy Saving, Timer
Connectivity	Bluetooth Mesh 5.0
Certification	CE, RoHS
Energy Efficiency Class	E



Scheda informativa del prodotto			
RECOMANDATO DELEGATO (UE) 2015/2413 DELLA COMMISSIONE per questo riguarda l'architettura energetica delle sorgenti luminose.			
Nome e marchio del fornitore: AGOSTAL			
Indirizzo del fornitore: AGOSTALIA SRL, VIA QUINTINO SELLA 7, 20090 MONZA (MB)			
Identificativo del modello: AL-RGBRFLUX-IM			
Tipo di sorgente luminosa:			
Tecnologia d'illuminazione:	LED	Non direzionale o bi-direzionale	NGLS
Tipo di affaccio della sorgente luminosa (o altra interfaccia elettrica)	/		
A tensione di rete o non a tensione di rete:	MLS	Sorgente luminosa costante (CLS):	SI
Sorgente luminosa a colori variabili:	SI	Inestinto:	-
Sorgente luminosa ad alta luminosità:	No		
Schermo antiriflesso:	No	Regolabile:	Solo con specifici regolatori di intensità
Parametri del prodotto			
Parametro	Valore	Parametro	Valore
Parametri generali del prodotto:			
Consumo di energia in modo acceso (DW)/1000 hL, arrotondato per eccesso all'intero più vicino	38	Classe di efficienza energetica	E
Flusso luminoso utile [lm], arrotondato per difetto al valore più vicino	3360 in Cono semi (120°)	Temperatura di colore correlata, arrotondata ai 100 K più vicini, oppure intervallo di temperatura di colore correlata che è possibile impostare, arrotondata ai 100 K più vicini	3000...3000
Potenza in modo acceso (P_{ac}), espressa in W	34,0	Potenza in modo stand-by (P_{sb}) espressa in W e arrotondata al sesto decimale	0,50
Potenza in modo stand-by in rete (P_{ar}) per le sorgenti luminose comuni, espressa in W e arrotondata al secondo decimale	0,00	Indice di resa cromatica, arrotondata all'intero più vicino, oppure intervallo di	80
Pagina 1/1			
		valori IRC che è possibile impostare	
Dimensioni esterne senza unità di alimentazione separata, parti per il controllo dell'installazione e parti senza funzione di controllo dell'illuminazione, se previsti [mm]		Distribuzione spettrale di potenza a pieno carico nell'intervallo da 250 nm a 800 nm	Vedi immagine nell'altra pagina
Altezza		68	
Larghezza		405	
Profondità		495	
Dichiarazione di potenza equivalente ¹⁾		Se sì, potenza equivalente (W)	-
		Coordinate cromatiche (x, y)	0,440 0,403
Parametri per sorgenti luminose LED e OLED:			
Valore dell'indice di resa cromatica Ra	1	Fattore di sopravvivenza	0,50
Fattore di mantenimento del flusso luminoso	0,96		
Parametri per sorgenti luminose LED e OLED a tensione di rete:			
Fattore di sfasamento (cos φ)	0,50	Cosistenza dei colori in ufficio di MacAdam	8
Dichiarazione che una sorgente luminosa LED può sostituire una sorgente luminosa fluorescente senza alimentazione integrata, avendo una determinata potenza	SI	Se sì, dichiarazione di sostituibilità (W)	-
Metrica dello start-up (Psi LM)	0,9	Metrica dell'effetto stroboscopico (StM)	0,4
PS / : non applicabile. RP / : non applicabile.			
Pagina 2/1			
Spectral Distribution (For rated color temperature: 6500K)			
Pagina 3/1			
Modello immesso sul mercato dall'Unione da 07/03/2024			
Numero di registrazione EPREL: 1957178		https://eprel.ec.europa.eu/cp/38/52178	
Fornitore: ITALIA MARKET S.R.L. (Subcontrattante)		Site web: http://www.agostal.com/index.php	
Servizio di assistenza alla clientela:		Site web: HTTP://NAVAROAGOSTAL.COM	
Nome: AGOSTALIA SRL		Telefono: +39 0371 765508	
E-mail: servizio_cliente@agostal.com			



EU Energy Label for the Aigostar AL-RCI036FC5-BM LED ceiling light, indicating an energy efficiency class of E and 36 kWh/1000h consumption. For more details, visit the [EPREL database](#).

SETUP

1. Installation

1. **Power Off:** Before starting, ensure the main power supply to the installation area is turned off at the circuit breaker.
2. **Mounting:** Secure the mounting bracket to the ceiling using the provided screws and wall plugs. Ensure the bracket is firmly attached.
3. **Wiring:** Connect the live, neutral, and ground wires from your ceiling to the corresponding terminals on the light fixture. Ensure all connections are secure and insulated.
4. **Attach Fixture:** Carefully attach the ceiling light fixture to the mounting bracket, ensuring it is securely fastened.
5. **Power On:** Restore power at the circuit breaker.

Note: If you are unsure about electrical wiring, consult a qualified electrician.

2. Initial Connection (Bluetooth Mesh)

The Aigostar Mesh Smart LED Ceiling Light utilizes Bluetooth Mesh 5.0 protocol for stable and fast connections.



Diagram illustrating the Bluetooth Mesh network technology, showing multiple Aigostar smart devices communicating with each other in a room.

Option A: Direct Connection with Amazon Echo (Recommended)

If you have an Amazon Echo device (2nd generation or later), you can connect the light directly without needing the AIGOSMART app or a separate gateway.

1. Ensure your Amazon Echo device is set up and connected to your Wi-Fi network.
2. Install the Aigostar Mesh Smart LED Ceiling Light as described above.
3. Say, "Alexa, discover my devices." Your Echo device will search for new smart lights.
4. Once discovered, you can control the light using voice commands via Alexa or through the Alexa app.



Conexión Rápida de Alexa Echo

No es necesario descargar una APP de terceros, puedes controlar directamente la luz de techo inteligente con la voz y liberar tus manos con facilidad.

A person interacting with an Amazon Echo device to control the Aigostar smart ceiling light, highlighting quick Alexa Echo connection.

Option B: Connection via AIGOSMART App and Smart Gateway (If no Alexa Speaker)

If you do not have an Alexa speaker and wish to control the light via the Alexa app, you will need an Aigostar Smart Gateway (sold separately).

1. Download the AIGOSMART app from your smartphone's app store.
2. Set up your Aigostar Smart Gateway according to its instructions and connect it to the AIGOSMART app.
3. In the AIGOSMART app, add the Aigostar Mesh Smart LED Ceiling Light. Follow the in-app instructions for pairing.
4. Once connected in AIGOSMART, enable the Aigostar skill in the Alexa app (Skills & Games section) and

link your AIGOSMART account.

5. Discover devices in the Alexa app. You can now control the light via the Alexa app.

OPERATING INSTRUCTIONS



Infographic detailing the key parameters and functions of the Aigostar smart ceiling light.

1. Brightness and Color Adjustment

The light offers extensive customization:

- **Brightness:** Adjust from 1% to 100% (up to 3960 lumens).

- **Color Temperature:** Select between 3000K (warm white) and 6500K (cool white).
- **RGB Colors:** Choose from 16 million RGB colors to create various ambiances.

These adjustments can be made via the Alexa app, AIGOSMART app (if using gateway), or the included remote control.



Visual representation of adjusting the brightness and color temperature of the Aigostar smart ceiling light.

2. Dynamic Modes

The light features 14 dynamic modes, providing various lighting effects for different occasions. These modes can be selected through the app or remote control.

3. Voice Control (with Amazon Alexa)

Once connected to Alexa, use simple voice commands:

- "Alexa, turn on [Light Name]."
- "Alexa, turn off [Light Name]."
- "Alexa, set [Light Name] to 50% brightness."
- "Alexa, change [Light Name] to warm white."
- "Alexa, set [Light Name] to blue."

4. Remote Control

The included remote control allows for quick adjustments:

- **ON/OFF:** Power the light on or off.
- **Brightness:** Increase or decrease light intensity.
- **Color Temperature:** Cycle through warm, neutral, and cool white.
- **RGB Colors:** Select specific colors or cycle through color modes.
- **Dynamic Modes:** Activate pre-set lighting effects.

Mando a Distancia



A hand holding the remote control for the Aigostar smart ceiling light, demonstrating its use to adjust the light in a bedroom setting.

5. Group Control and Timer Function

Through the Alexa app or AIGOSMART app, you can:

- **Group Control:** Group multiple Aigostar smart lights together to control them simultaneously.
- **Timer Function:** Set schedules for the light to turn on or off at specific times, enhancing convenience and energy saving.

Control de Grupo, Función de Temporización



A smartphone screen displaying the timing function for the Aigostar smart ceiling light, with examples of scheduled on/off times, alongside an illustration of group control across multiple rooms.

MAINTENANCE

- **Cleaning:** Ensure the power is off before cleaning. Wipe the light 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.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. Do not attempt to open the fixture to replace bulbs.
- **Inspection:** Periodically check for any signs of damage or loose connections. If any issues are found,

discontinue use and contact customer support.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Loose wiring; Faulty fixture.	Check circuit breaker; Verify wiring connections; Contact support if fixture is faulty.
Cannot connect to Alexa/App.	Incorrect pairing procedure; Incompatible Echo device; Bluetooth disabled; Gateway issue (if applicable).	Ensure Echo is 2nd gen or later; Re-attempt pairing process; Check Bluetooth on device; Verify Aigostar Smart Gateway setup and app connection.
Light flickers or behaves erratically.	Unstable power supply; Loose connection; Interference.	Check power source stability; Inspect wiring connections; Reduce potential interference sources.
Light makes a whistling noise.	Internal component issue.	The light should operate silently. If a noticeable whistling noise occurs, discontinue use and contact customer support for assistance.
Remote control not working.	Battery depleted; Obstruction; Out of range.	Replace remote control battery; Ensure clear line of sight; Operate within effective range.

WARRANTY AND SUPPORT

The Aigostar Mesh Smart LED Ceiling Light is covered by a standard manufacturer's warranty. Please refer to the warranty card included with your purchase or visit the Aigostar official website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact Aigostar customer service through their official channels. Keep your purchase receipt and model number (AL-RCI036FC5-BM) handy when contacting support.