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> [CANMEIJIA BDA-01 12W IP65 Adjustable Angle LED Wall Light User Manual](#)

## CANMEIJIA BDA-01

# CANMEIJIA BDA-01 12W IP65 Adjustable Angle LED Wall Light User Manual

Model: BDA-01 | Brand: CANMEIJIA

## 1. PRODUCT OVERVIEW

The CANMEIJIA BDA-01 LED Wall Light is a versatile lighting solution designed for both indoor and outdoor environments. It features a robust aluminum construction, IP65 waterproof rating, and an adjustable beam angle, allowing for customized lighting effects. This product delivers 3000K warm white light, providing a comfortable and inviting ambiance.



Figure 1.1: CANMEIJIA BDA-01 LED Wall Lights (2-pack) showcasing their warm light output.

### Key Features:

- **Adjustable Beam Angle:** Customize the light projection from 20° to 150° to create various lighting patterns.
- **IP65 Waterproof and Dustproof:** High-quality aluminum casing ensures durability and protection against water and dust, suitable for diverse environments.
- **Energy Efficient:** 12W LED light source with 1000 lumens output, providing bright illumination with low power consumption.
- **Versatile Application:** Ideal for parks, gardens, patios, living rooms, bedrooms, hotels, balconies, and corridors.
- **Easy Installation:** Designed for straightforward wall mounting with all necessary components included.



Figure 1.2: Demonstrating IP65 Waterproofness in an outdoor setting.



Figure 1.3: Indoor application of the wall light in a living room.



Figure 1.4: Outdoor application of the wall lights on a building exterior.

## 2. SAFETY INFORMATION

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

- Always disconnect power at the circuit breaker before installing or servicing the fixture.
- Installation should be performed by a qualified electrician or in accordance with local electrical codes.
- Ensure the mounting surface can support the weight of the fixture.
- Do not attempt to modify the fixture in any way.
- Keep away from flammable materials.
- This product is designed for AC/DC power input. Ensure correct voltage supply.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- CANMEIJIA BDA-01 LED Wall Light (2 units)
- Mounting Hardware (screws, wall anchors)
- Instruction Manual

## 4. SPECIFICATIONS

Parameter	Value
Brand	CANMEIJIA
Model Number	BDA-01
Dimensions (L x W x H)	10 x 10 x 10 cm (each unit)
Weight	1.8 kg (for 2 units)
Material	Aluminum
IP Rating	IP65 (Waterproof and Dustproof)
Power	12 Watts
Luminous Flux	1000 lumens
Color Temperature	3000 Kelvin (Warm White)
Beam Angle	Adjustable from 20° to 150°
Input Voltage	AC/DC
Style	Modern
Certification	IP65

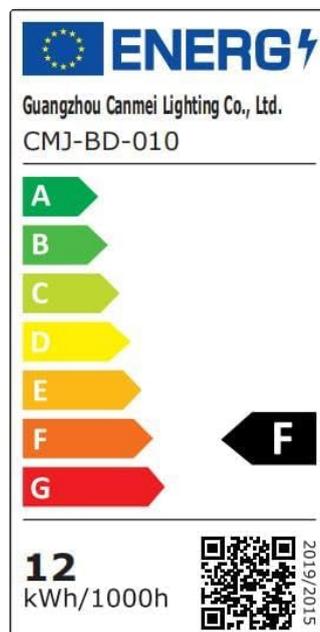


Figure 4.1: Energy Label for CMJ-BD-010. For more details, visit [EPREL Database](#).

## 5. INSTALLATION INSTRUCTIONS

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Follow these steps for safe and proper installation of your LED wall light. It is recommended to have a qualified electrician perform the installation.

### 1. Prepare for Installation:

- Turn off the main power supply at the circuit breaker to prevent electric shock.
- Unpack the fixture and ensure all parts are present and undamaged.

### 2. Mount the Base Plate:

- Detach the mounting bracket from the light fixture.
- Position the mounting bracket on the desired wall location. Mark the drilling points.
- Drill holes at the marked positions and insert wall anchors if necessary.
- Secure the mounting bracket to the wall using the provided screws.

### 3. Connect Wiring:

- Connect the household electrical wires to the fixture's wires. Typically, connect live (brown/black) to live, neutral (blue/white) to neutral, and ground (green/yellow) to ground.
- Ensure all connections are secure and insulated with wire connectors.

### 4. Attach the Fixture Body:

- Carefully align the light fixture body with the mounted bracket.
- Secure the fixture to the bracket using the screws or locking mechanism provided.

### 5. Final Check:

- Ensure the fixture is firmly attached to the wall.
- Restore power at the circuit breaker and test the light.

# Easy to install

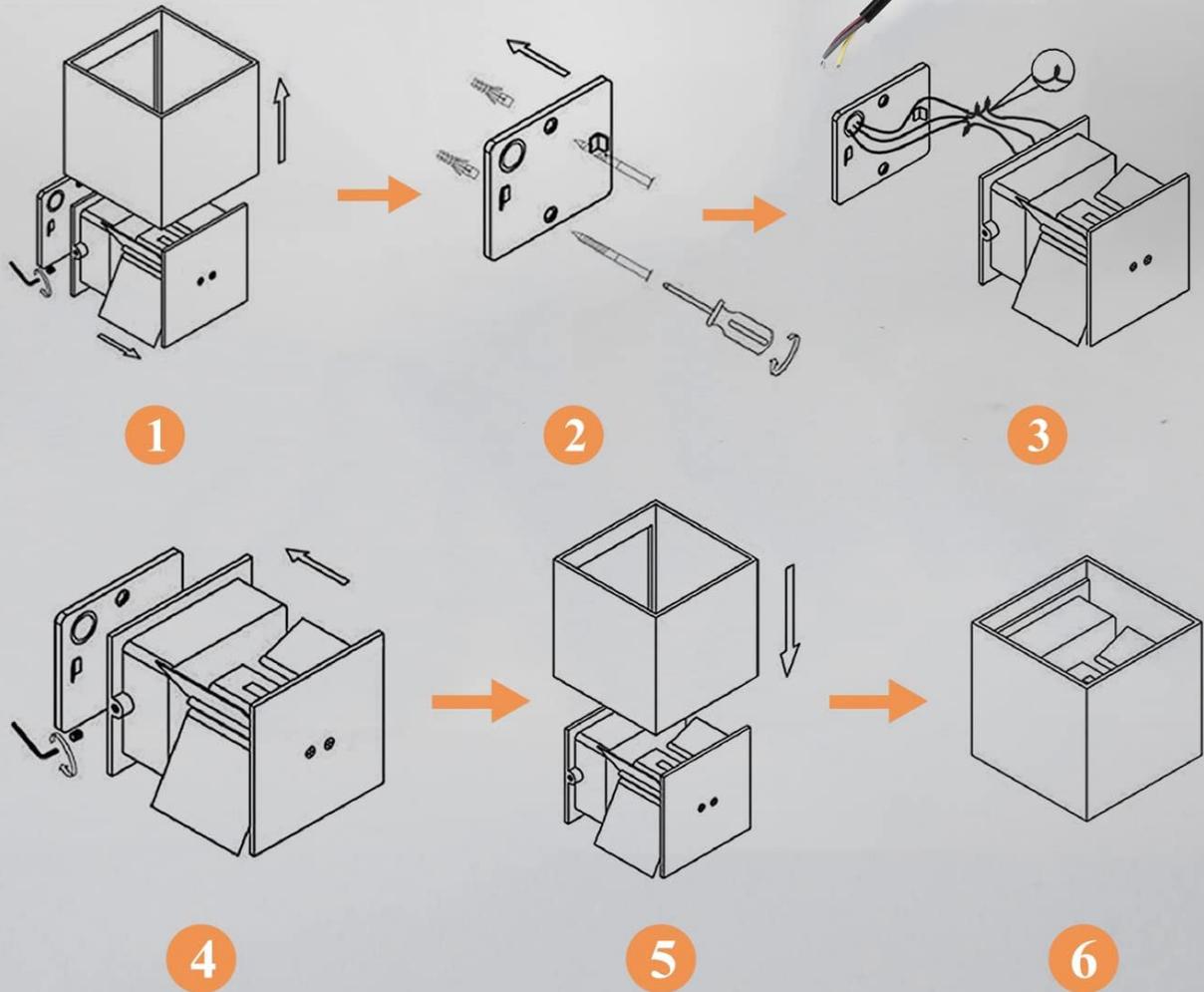


Figure 5.1: Installation Steps Diagram



Figure 5.2: Product Dimensions and Features

## 6. OPERATING INSTRUCTIONS

### Adjusting the Beam Angle:

The CANMEIJIA BDA-01 features adjustable flaps inside the fixture that allow you to customize the light beam angle. This enables you to create various upward and downward lighting effects.

#### 1. Access the Adjustment Mechanism:

- Ensure the power to the light fixture is OFF at the circuit breaker before making any adjustments.
- Carefully open the light fixture to expose the internal light source and adjustable flaps. Refer to the installation diagram for guidance on opening the fixture if needed.

#### 2. Adjust the Flaps:

- Inside the fixture, you will find two adjustable flaps, one for the upward beam and one for the downward beam.
- Gently move these flaps to your desired position. The angle can be adjusted from approximately 20° (narrow beam) to 150° (wide beam).

### 3. Secure and Test:

- Once the desired angles are set, carefully close and secure the light fixture.
- Restore power and observe the new lighting pattern. Adjust further if necessary.

# Lighting Angle Adjustable (20-150°)

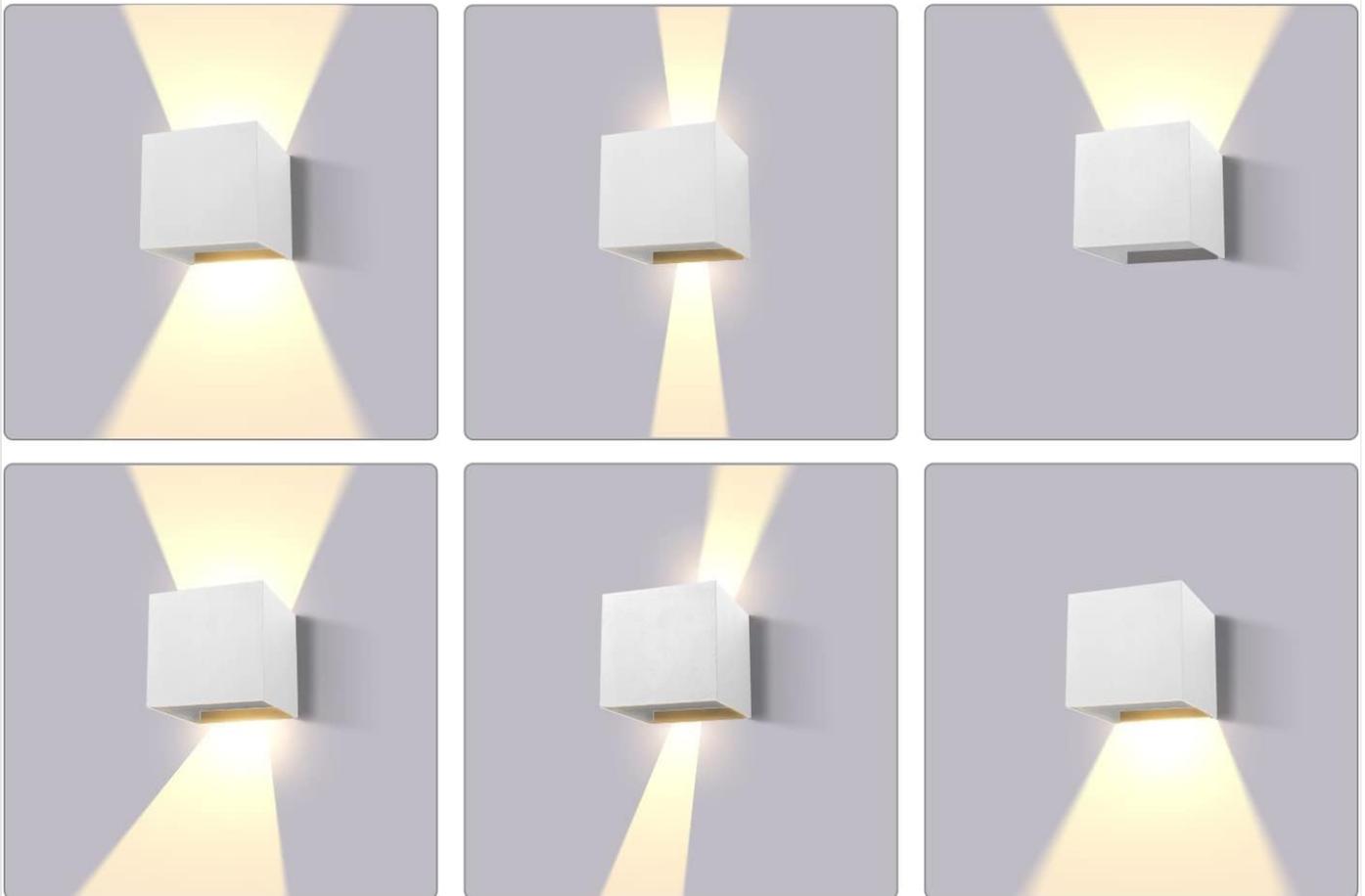


Figure 6.1: Adjustable Lighting Angle Mechanism and Examples



Figure 6.2: Detailed view of the adjustable flaps.

## 7. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your LED wall light.

- **Cleaning:**

- Ensure the power is off before cleaning.
- Wipe the exterior of the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- For outdoor installations, periodically check for debris accumulation around the fixture and gently remove it.

- **Inspection:**

- Periodically inspect the fixture for any signs of damage, loose connections, or wear.
- If any damage is found, disconnect power immediately and contact a qualified electrician for repair or replacement.

## 8. TROUBLESHOOTING

If you encounter issues with your CANMEIJIA BDA-01 LED Wall Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none"><li>No power supply.</li><li>Loose wiring connection.</li><li>Faulty switch.</li></ul>	<ul style="list-style-type: none"><li>Check circuit breaker and wall switch.</li><li>Ensure all wire connections are secure (power off before checking).</li><li>Test the switch or replace if faulty.</li></ul>
Light flickers or dims.	<ul style="list-style-type: none"><li>Unstable power supply.</li><li>Loose wiring.</li><li>Overheating (less common for LED).</li></ul>	<ul style="list-style-type: none"><li>Verify stable power.</li><li>Check and secure all wiring connections (power off before checking).</li><li>Ensure proper ventilation around the fixture.</li></ul>
Inconsistent light color between multiple units.	<ul style="list-style-type: none"><li>Manufacturing variation.</li><li>Different batches of products.</li></ul>	<ul style="list-style-type: none"><li>While rare, slight variations can occur. If significantly different, contact customer support.</li></ul>

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

## 9. WARRANTY AND SUPPORT

CANMEIJIA products are manufactured to high-quality standards. For warranty information or technical support, please refer to the purchase documentation or contact your retailer. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the official CANMEIJIA website or contact their customer service department.