

Ralbay 6181

Ralbay 40-inch LED Vanity Light Fixture (Model 6181) Instruction Manual

INTRODUCTION

This manual provides comprehensive instructions for the safe installation, operation, and maintenance of your Ralbay 40-inch LED Vanity Light Fixture, Model 6181. Please read this manual thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

WARNING: Risk of Electric Shock. Disconnect power at the circuit breaker or fuse box before installation or servicing.

- All electrical connections must be in accordance with local codes, ordinances, or the National Electric Code (NEC).
- Consult a qualified electrician if you are unsure about the installation process.
- Ensure the fixture is properly grounded.
- Do not install this fixture in wet locations unless specifically rated for such use. This fixture is rated for indoor use.
- Handle the fixture with care to avoid damage.
- Do not attempt to modify the fixture.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LED Vanity Light Fixture (Model 6181)
- Mounting Bracket
- Mounting Screws
- Wire Nuts
- Instruction Manual (this document)

SETUP AND INSTALLATION

Follow these steps carefully for proper installation. Professional installation is recommended.

Tools Required (Not Included):

- Screwdriver (Phillips and Flathead)
- Wire Strippers
- Electrical Tape
- Pliers
- Voltage Tester

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker or fuse box controlling the power to the installation location. Turn off the power completely. Verify power is off using a voltage tester.
2. **Prepare Mounting Surface:** Ensure the mounting surface is clean, dry, and structurally sound.
3. **Attach Mounting Bracket:** Secure the mounting bracket to the junction box using the provided screws. Ensure the bracket is firmly attached.
4. **Make Electrical Connections:**
 - Connect the **black** wire from the fixture to the **black** (live) wire from the junction box using a wire nut.
 - Connect the **white** wire from the fixture to the **white** (neutral) wire from the junction box using a wire nut.
 - Connect the **ground** wire (bare copper or green) from the fixture to the **ground** wire from the junction box and the ground screw on the mounting bracket.
 - Ensure all connections are secure and insulated with electrical tape if necessary.
5. **Mount the Fixture:** Carefully align the fixture with the mounting bracket and secure it using the provided screws. Ensure the fixture is flush against the wall and stable.
6. **Restore Power:** Once the fixture is securely installed and all connections are checked, restore power at the circuit breaker.
7. **Test Operation:** Turn on the light switch to confirm the fixture is working correctly.

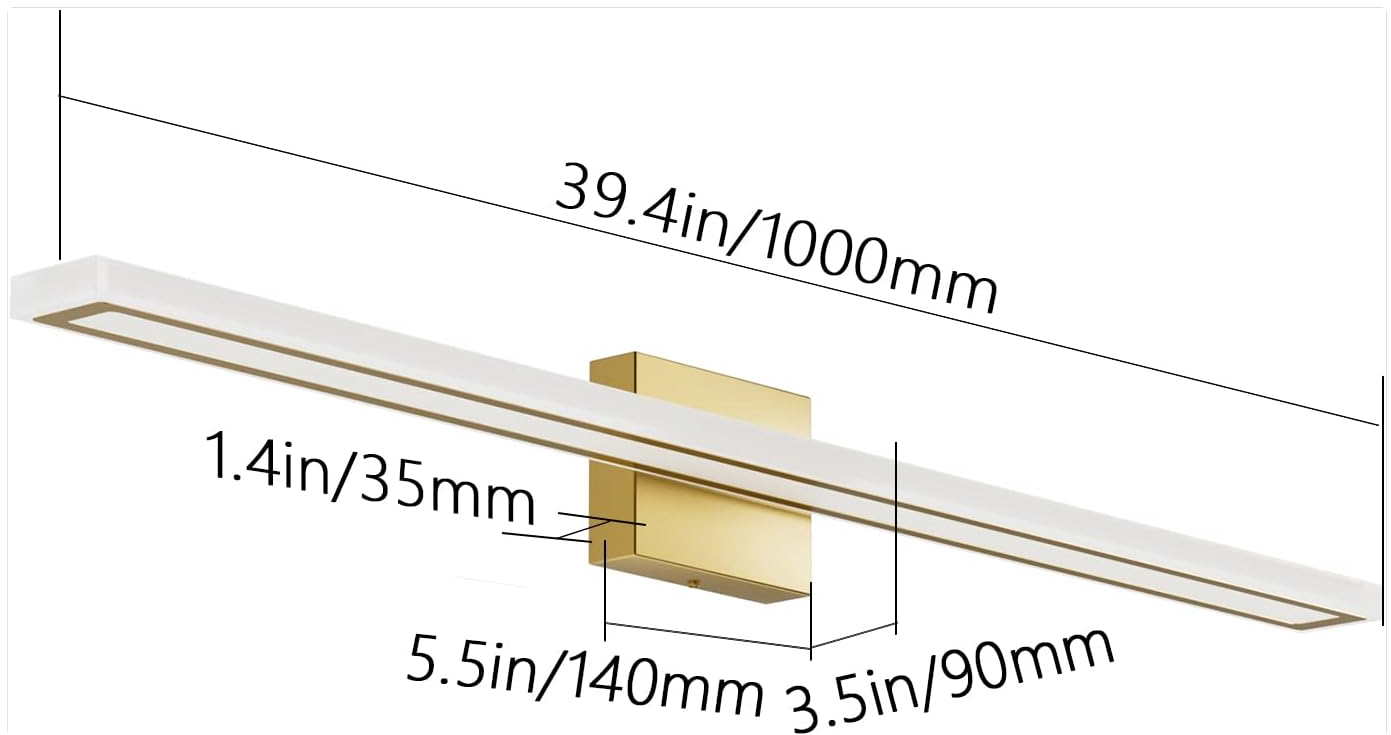


Figure 1: Product Dimensions. This image displays the key dimensions of the Ralbay 40-inch LED Vanity Light Fixture, including its overall length of 39.4 inches (1000mm), depth from the wall, and the size of the mounting base.



Figure 2: Installed Fixture. A view of the Ralbay 40-inch LED Vanity Light Fixture installed on a wall, showcasing its illuminated state and modern design.

OPERATING INSTRUCTIONS

The Ralbay LED Vanity Light Fixture is designed for simple operation.

- Once installed and power is restored, operate the light using a standard wall switch connected to the fixture's circuit.
- This fixture provides 6000K cold white light.
- The fixture does not have an integrated switch or cord.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your light fixture.

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the

fixture. Avoid abrasive cleaners, solvents, or polishes as they may damage the finish or acrylic shade.

- **Bulb Replacement:** This fixture uses integrated LED technology and does not require bulb replacement. The LEDs are designed for long-term use.
- **Inspection:** Periodically check for any loose connections or signs of damage. If any issues are found, disconnect power and consult a qualified electrician.



Frosted white hard acrylic shade

Uniform light transmission but not dazzling
Soft lighting to protect your eyes

Figure 3: Frosted Acrylic Shade. A detailed view of the frosted white hard acrylic shade, highlighting its uniform light transmission and non-dazzling properties for soft illumination.

TROUBLESHOOTING

If you encounter issues with your Ralbay LED Vanity Light Fixture, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Loose wire connection. Faulty wall switch.	Check circuit breaker/fuse. Verify all wire connections are secure (ensure power is off first). Test wall switch or replace if necessary.
Light flickers or dims.	Loose wire connection. Incompatible dimmer switch (if applicable).	Check all wire connections (ensure power is off first). Ensure a compatible LED dimmer switch is used, or remove the dimmer if not intended for LED.
Humming noise from fixture.	Loose components. Incompatible dimmer switch.	Ensure fixture is securely mounted. Replace dimmer with an LED-compatible model or a standard on/off switch.

If problems persist after attempting these solutions, please contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	6181
Dimensions	101.6 x 8.89 x 10.92 cm (40 x 3.5 x 4.3 inches)
Weight	2.04 kg (4.5 lbs)
Wattage	36W
Voltage	110V
Color Temperature	6000K (Cold White)
Luminous Flux	2080 lm
Material	Acrylic, Iron, Stainless Steel
Installation Type	Flush Mount, Hardwired
Water Resistance Level	Waterproof (suitable for bathroom environments)
Room Type	Bathroom

WARRANTY AND SUPPORT

Ralbay is committed to providing quality products. If you have any questions or require assistance with your product, please contact our customer service team.

- **Customer Service:** Log in to your purchase account, locate your order ID, and click "Contact Seller" to reach us.
- Our customer service team aims to resolve your inquiries within 24 hours.

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.

Name

Anonymous

Email

you@example.com

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.

Submit question