



Manuals.plus /

› WAC Lighting /

› WAC Lighting QP-LED903-DB 900 Series LED Socket Set Instruction Manual

WAC Lighting QP-LED903-DB

WAC Lighting QP-LED903-DB 900 Series LED Socket Set Instruction Manual

Model: QP-LED903-DB

1. INTRODUCTION AND PRODUCT OVERVIEW

This manual provides essential instructions for the safe and efficient use of the WAC Lighting QP-LED903-DB 900 Series LED Socket Set. This LED socket set is designed for indoor use and features energy-efficient LED technology.

Key features include a collar with a threaded set screw for adjusting lamp positions within a shade, smooth and continuous ELV dimming capabilities, and a long rated life. The system operates at 12 Volts and provides 450 lumens with a color temperature of 3000 Kelvin and a CRI of 82.



Figure 1: Overview of the WAC Lighting QP-LED903-DB LED Socket Set.

2. SAFETY INFORMATION

WARNING: This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Always check local laws and regulations before installation and use.

- Always disconnect power at the circuit breaker before installation, removal, or servicing.
- Installation should be performed by a qualified electrician in accordance with all applicable electrical codes.
- Do not rest glass components directly on the socket base.
- Ensure the product is used only in dry, indoor locations.
- Do not modify the product in any way; unauthorized modifications may void the warranty and create safety hazards.
- This product is UL Listed, indicating compliance with safety standards.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- WAC Lighting QP-LED903-DB 900 Series LED Socket Set (1 unit)
- Instruction Manual (1 unit)
- Collar with threaded set screw

Note: The package dimensions are approximately 5.62 inches (length) x 4.255 inches (width) x 2.765 inches (height).

4. SETUP AND INSTALLATION

This LED socket set is designed for protruding mounting and requires a 12 Volt corded electric power source with a US-style plug format (Type A).

1. **Power Disconnection:** Before starting, ensure the power supply to the installation area is completely disconnected at the main circuit breaker.
2. **Mounting:** Securely mount the socket set using appropriate hardware for a protruding installation. Ensure the mounting surface is stable and can support the fixture's weight.
3. **Wiring:** Connect the 12 Volt corded electric power source to the socket set. Follow all local electrical codes and the wiring diagrams provided with your specific fixture (if applicable).
4. **Lamp Position Adjustment:** The included collar with a threaded set screw allows for varying lamp positions inside the shade. Adjust the collar to achieve the desired lamp depth and secure it by tightening the set screw.
5. **Glass Placement:** If your fixture includes glass components, ensure they are installed correctly and **do not rest directly on the socket base.**
6. **Power Reconnection:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



Figure 2: Detail of the LED socket set, showing the collar for lamp position adjustment.

5. OPERATING INSTRUCTIONS

The WAC Lighting QP-LED903-DB LED Socket Set is designed for straightforward operation.

- **Power On/Off:** Control the light using the wall switch connected to the fixture.
- **Dimming:** This socket set supports smooth and continuous ELV (Electronic Low Voltage) dimming. Use a compatible ELV dimmer switch for dimming functionality.
- **Energy Efficiency:** The integrated LED technology ensures energy-efficient operation with no projected UV or IR radiation.

6. MAINTENANCE

The WAC Lighting QP-LED903-DB LED Socket Set is designed for long-term, low-maintenance operation.

- **Cleaning:** To clean the socket set, ensure power is off. Use a soft, dry, or slightly damp cloth. Avoid abrasive cleaners, solvents, or any cleaning agents that could damage the finish or electrical components.

- **LED Life:** The integrated LED has a rated life of 50,000 hours (estimated life of 30,000 hours), meaning no bulb replacement is typically required for the life of the product under normal operating conditions.
- **Inspection:** Periodically inspect the wiring and connections for any signs of wear or damage. If any issues are found, disconnect power immediately and consult a qualified electrician.

7. TROUBLESHOOTING

If you encounter issues with your LED socket set, refer to the following common troubleshooting steps:

- **Light Not Turning On:**
 - Check the circuit breaker to ensure power is supplied to the fixture.
 - Verify that the wall switch is in the "ON" position.
 - Ensure all wiring connections are secure.
- **Dimming Issues:**
 - Confirm that a compatible ELV dimmer switch is being used.
 - Check the dimmer switch wiring.
- **Flickering Light:**
 - Ensure all connections are tight.
 - Verify the power supply is stable.
 - If using a dimmer, ensure it is compatible and properly installed.

If problems persist after attempting these steps, contact customer support.

8. SPECIFICATIONS

Attribute	Value
Manufacturer	WAC Lighting
Part Number	QP-LED903-DB
Item Model Number	QP-LED903-DB
Item Weight	0.32 ounces
Product Dimensions	5.62 x 4.26 x 2.77 inches
Color	Bronze
Style	Modern
Finish	Dark Bronze
Material	Glass
Power Source	Corded Electric
Voltage	12 Volts
Wattage	6.4 Watts
Type of Bulb	LED
Luminous Flux	450 Lumens
Color Temperature	3000 Kelvin
CRI	82
Estimated Life	30,000 hours (Rated Life: 50,000 hours)
Measurement System	English/Standard
Mounting Type	Protruding
Plug Format	A- US style
Certification	UL Listed
Special Features	Energy Efficient
Usage	Indoor use

9. WARRANTY INFORMATION

The WAC Lighting QP-LED903-DB 900 Series LED Socket Set comes with a **5-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official WAC Lighting warranty policy or contact customer support.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact WAC Lighting

customer support.

Manufacturer: WAC Lighting

Please visit the official WAC Lighting website for contact information and additional resources.