

## DALS Lighting 6000-JB

# DALS Lighting 6000-JB Junction Box Instruction Manual

Model: 6000-JB

## 1. INTRODUCTION

The DALS Lighting 6000-JB Junction Box is designed to facilitate the power connection for 120-Volt LED puck light systems. This aluminum construction junction box provides a direct-wire solution, enabling the linking of multiple LED fixtures on a single circuit. It is intended for indoor use only and offers a reliable power distribution point for your lighting setup.

## 2. SAFETY INFORMATION

- **Disconnect Power:** Always ensure the main power supply is turned off at the circuit breaker before beginning any installation, maintenance, or troubleshooting.
- **Qualified Electrician:** Installation should be performed by a qualified electrician or a knowledgeable individual familiar with electrical wiring and building codes.
- **Voltage:** This product operates on 120 Volts. Incorrect wiring can lead to electrical shock or fire.
- **Indoor Use Only:** The 6000-JB Junction Box is rated for indoor use in dry locations only. Do not expose to moisture or outdoor elements.
- **Grounding:** Ensure proper grounding according to local electrical codes.

## 3. PACKAGE CONTENTS

- 1 x DALS Lighting 6000-JB Junction Box for Power LED Puck Light

## 4. SETUP AND INSTALLATION

The DALS Lighting 6000-JB Junction Box is designed for hardwired, direct-wire installation. Follow these general steps for proper setup:

1. **Plan Placement:** Determine the optimal wall-mount location for the junction box, ensuring it is accessible and within reach of the power source and the LED puck lights it will power.
2. **Prepare Wiring:** Ensure all wiring from the main power supply and to the LED puck lights is properly stripped and ready for connection.
3. **Mount the Box:** Securely mount the junction box to a stable surface using appropriate fasteners (not included).

The box is designed for wall mounting.

4. **Make Electrical Connections:** Connect the 120V input power wires to the designated terminals inside the junction box. Connect the output wires leading to your LED puck lights to the appropriate output terminals. Ensure all connections are secure and comply with local electrical codes.
5. **Close the Box:** Once all connections are made and verified, securely close the junction box cover.
6. **Restore Power:** Turn the main power supply back on at the circuit breaker.



*This image displays the DALS Lighting 6000-JB Junction Box, a white rectangular unit. It features a rocker switch on one side for power control and a circular output port labeled 'OUT' on another side, secured by four screws. The box is designed for direct-wire connections to power LED puck lights.*

## 5. OPERATING INSTRUCTIONS

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The DALS Lighting 6000-JB Junction Box serves as a central power distribution point for your 120V LED puck lights. Its operation is straightforward:

- **Power Control:** The integrated rocker switch on the side of the junction box controls the power supply to the connected LED puck lights.
- **Turning On:** Flip the rocker switch to the 'I' (ON) position to supply power to the connected LED puck lights.
- **Turning Off:** Flip the rocker switch to the 'O' (OFF) position to cut power to the connected LED puck lights.

Ensure that all connected LED puck lights are compatible with a 120V power supply and are properly installed according to their respective instructions.

## 6. MAINTENANCE

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The DALS Lighting 6000-JB Junction Box requires minimal maintenance.

- **Cleaning:** To clean the exterior of the junction box, ensure power is disconnected. Use a soft, dry, or slightly damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **No User-Serviceable Parts:** The junction box contains no user-serviceable parts. Do not attempt to open or repair the unit beyond making external electrical connections.

- **Periodic Inspection:** Periodically inspect the junction box and its connections for any signs of damage, loose wiring, or overheating. If any issues are observed, disconnect power immediately and consult a qualified electrician.

## 7. TROUBLESHOOTING

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If your LED puck lights are not functioning as expected, consider the following troubleshooting steps:

- **No Power to Lights:**
  - Check if the rocker switch on the junction box is in the 'I' (ON) position.
  - Verify that the circuit breaker supplying power to the junction box is not tripped.
  - Ensure all electrical connections within the junction box and to the LED puck lights are secure.
- **Intermittent Operation:**
  - Inspect for any loose wiring connections.
  - Ensure the junction box is not exposed to excessive vibration or physical stress.
- **Still Experiencing Issues:** If troubleshooting steps do not resolve the problem, disconnect power and consult a qualified electrician or contact DALS Lighting customer support for assistance. Do not attempt to repair the unit yourself.

## 8. SPECIFICATIONS

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Model Number	6000-JB
Brand	DALS Lighting
Material	Aluminum
Color	Gray
Style	Modern
Finish Type	Matte
Installation Type	Hardwired, Direct-Wire
Power Source	Corded Electric
Voltage	120 Volts
Compatible Bulb Type	LED (Puck Lights)
Mounting Type	Wall
Usage	Indoor Only
Item Weight	0.45 Pounds (approx. 7.2 ounces)
Product Dimensions	3.75 x 1.5 x 5.25 inches

## 9. WARRANTY INFORMATION

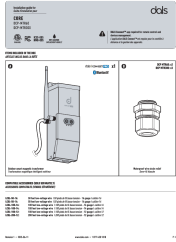
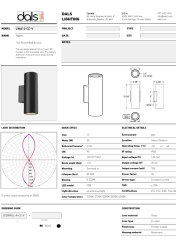
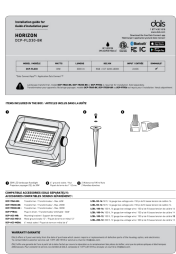
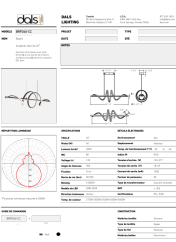

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The DALS Lighting 6000-JB Junction Box is covered by a **5-year limited warranty**. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the warranty documentation included with your purchase or contact DALS Lighting customer support.

## 10. SUPPORT

For technical assistance, warranty claims, or any questions regarding the DALS Lighting 6000-JB Junction Box, please contact DALS Lighting customer support. Refer to the contact information provided on the product packaging or the official DALS Lighting website.

### Related Documents - 6000-JB

	<p><a href="#">DALS CORE Smart Magnetic Transformer Installation Guide</a></p> <p>Comprehensive installation guide for DALS CORE smart magnetic transformers (DCP-MTR60, DCP-MTR300), covering setup, connectivity, safety, and troubleshooting for landscape lighting systems.</p>
	<p><a href="#">Dals Lighting LWA12-CC-V Aden 12-inch Round Wall Sconce - Technical Specifications and Product Information</a></p> <p>Detailed specifications, features, and installation information for the Dals Lighting LWA12-CC-V Aden 12-inch Round Wall Sconce. Includes light distribution, electrical details, construction, and warranty information.</p>
	<p><a href="#">Dals Lighting DCP-FLD30-BK Installation Guide</a></p> <p>Step-by-step installation instructions for the Dals Lighting DCP-FLD30-BK projector, including safety precautions and mounting details.</p>
	<p><a href="#">Dals Lighting Swirl BRPD40-CC Suspension Light - Technical Specifications and Compatibility</a></p> <p>Detailed specifications, electrical information, construction materials, and recommended dimmer compatibility for the Dals Lighting Swirl BRPD40-CC suspension light. Includes lumen output, color temperature, and warranty information.</p>
	<p><a href="#">DALS Lighting Moda RC04-CC Recessed LED Fixture Specifications</a></p> <p>Detailed specifications for the DALS Lighting Moda RC04-CC 4-inch modular recessed LED fixture, including quick specs, electrical details, construction, light distribution, and compatible dimmers.</p>



[Dals RC03-CC Moda 3" Modular Recessed Lighting](#)

Detailed specifications and ordering guide for the Dals RC03-CC Moda 3" modular recessed lighting fixture, including electrical details, construction, light distribution, and dimmer compatibility.