

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [JULLISON](#) /

> [JULLISON 6 Inch LED Low Profile Recessed & Surface Mount Disk Light Instruction Manual](#)

JULLISON DL6IN4KWH20P

JULLISON 6 Inch LED Low Profile Recessed & Surface Mount Disk Light Instruction Manual

Model: DL6IN4KWH20P

INTRODUCTION

This manual provides comprehensive instructions for the safe installation, operation, and maintenance of your JULLISON 6 Inch LED Low Profile Recessed & Surface Mount Disk Light. Please read this manual thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

- Always turn off power at the circuit breaker before installation or servicing.
- Consult a qualified electrician if you are unsure about the installation process.
- Ensure all electrical connections are made in accordance with local codes and ordinances.
- Do not install in areas with excessive heat or moisture beyond specified damp/wet location ratings.
- This product is designed for 120VAC operation.

PRODUCT OVERVIEW

The JULLISON 6 Inch LED Low Profile Disk Light is a versatile lighting solution designed for both recessed and surface mount applications. It features a driverless design, dimmable functionality, and is ETL certified for safety and energy efficiency.

Key Features:

- **Easy Installation:** Low profile design allows for flush mounting onto junction boxes (4" for surface mount, also compatible with 4" recessed cans).
- **Energy Saving:** 15 Watts, over 900 lumens, 4000K Cool White, CRI80+, equivalent to 65W incandescent, saving up to 80% energy.
- **Great Dimming:** Compatible with most TRIAC/ELV dimmers, smoothly dims down to 10%.
- **Quality Assurance:** ETL certified with a 50,000-hour LED life.
- **Wide Applications:** Suitable for entrances, living rooms, bedrooms, kitchens, dens, bathrooms, showers, and outdoor covered areas (damp and wet locations).

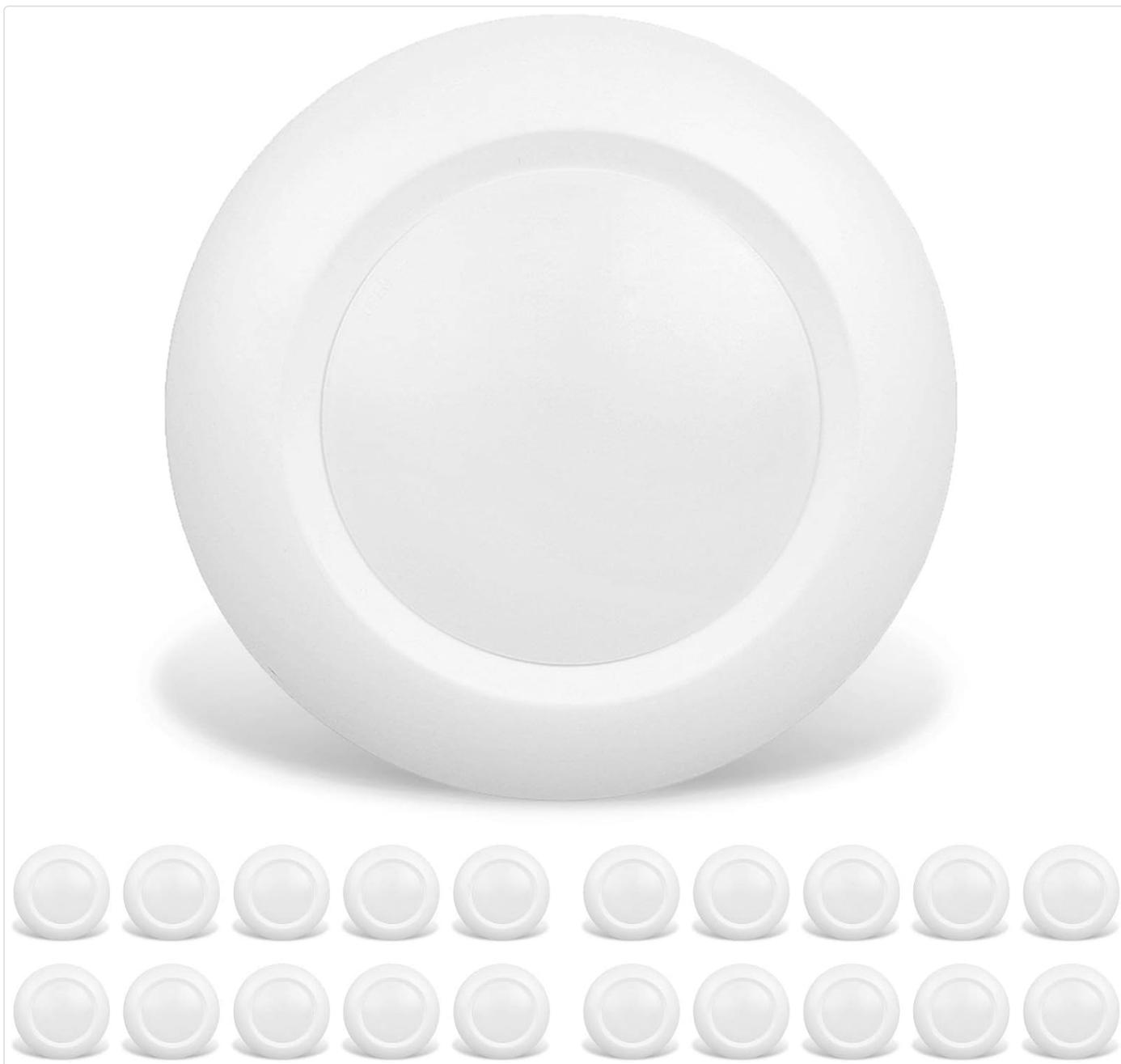


Figure 1: Front view of the JULLISON 6 Inch LED Low Profile Disk Light.

The light features a sleek, round design with a durable metal rim and a plastic diffuser for even light distribution.

PACKAGE CONTENTS

- JULLISON 6 Inch LED Low Profile Disk Light (quantity as per pack)
- 3 Wire Nuts
- 2 Screws
- Instruction Manual

SETUP AND INSTALLATION

The JULLISON Disk Light is designed for easy installation in both new construction and existing setups. It can be surface-mounted directly to a 4-inch junction box or used as a retrofit for 4-inch recessed cans.

Installation Steps:

1. **Turn Off Power:** Before starting any electrical work, ensure the power is turned off at the circuit breaker to prevent

electric shock.

2. **Prepare Junction Box:** Ensure your junction box (round or square) is properly installed and secured.

3. **Connect Wiring:**

- Connect the black wire from the fixture to the black wire from the junction box using a wire nut.
- Connect the white wire from the fixture to the white wire from the junction box using a wire nut.
- Connect the green (ground) wire from the fixture to the bare copper or green wire from the junction box using a wire nut.



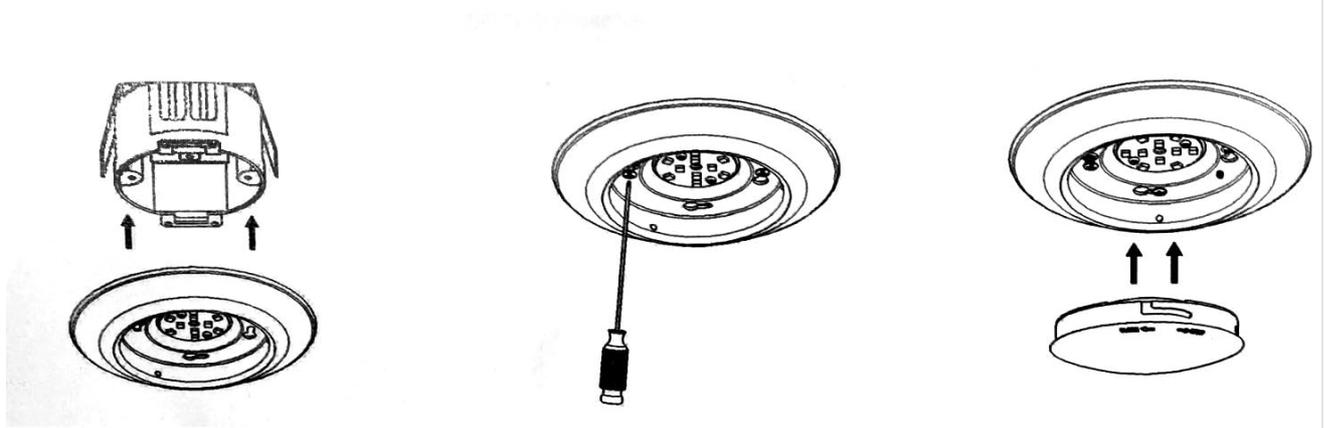
Figure 2: Rear view of the light showing black, white, and green wires for connection.

This image displays the back of the JULLISON LED Disk Light, highlighting the pre-attached black, white, and green wires ready for electrical connection. The green wire is for grounding, the black for live, and the white for neutral.

4. **Mount the Fixture:**

- Tuck all wires neatly into the junction box.
- Align the fixture with the junction box and secure it using the provided screws. For surface mount, ensure the fixture is flush against the ceiling.

For Round Junction Box



For Square Junction Box

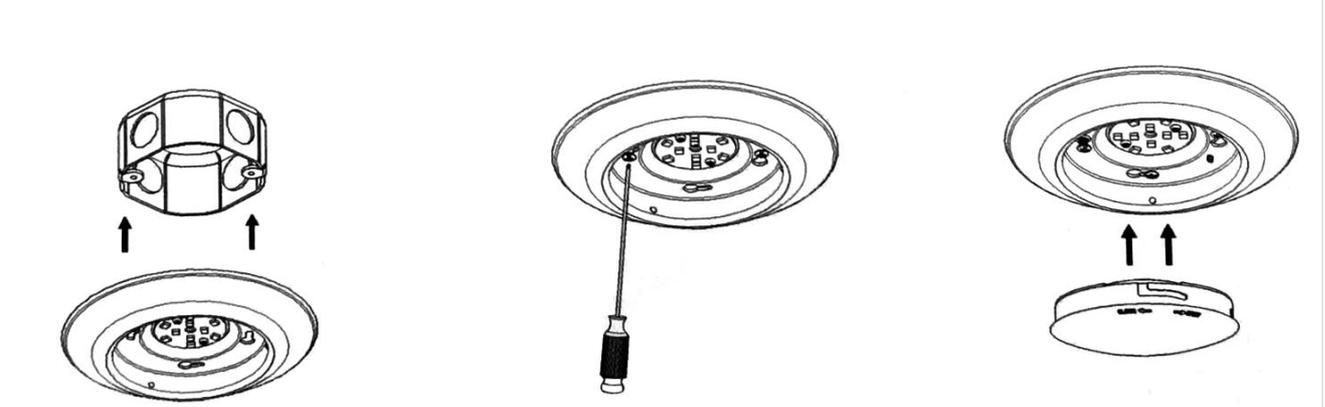


Figure 3: Step-by-step diagram illustrating how to install the disk light onto both round and square junction boxes. It shows connecting wires and securing the fixture.

This diagram provides visual guidance for installing the JULLISON LED Disk Light. It shows the process for both round and square junction boxes, including wire connection and securing the light fixture to the ceiling.

5. **Restore Power:** Once the fixture is securely mounted and all connections are checked, restore power at the circuit breaker.

Compatible Junction Boxes:

Part of The Compatible Junction Boxes



4" Shallow Pan Box



4" Octagon Metal Box



4" Square Metal Box



4" Square Plastic Box



4" Round Plastic Box



Fire Rated Box

Figure 4: Visual examples of various compatible junction boxes, including 4" shallow pan, 4" octagon metal, 4" square metal, 4" square plastic, 4" round plastic, and fire-rated boxes.

This image displays several types of junction boxes compatible with the JULLISON LED Disk Light, ensuring proper fit and safe installation.

Installation Video:

Your browser does not support the video tag.

Video 1: Official JULLISON installation guide for the LED Low Profile Recessed & Surface Mount Disk Light. This video demonstrates the wiring and mounting process.

OPERATING INSTRUCTIONS

The JULLISON LED Disk Light is designed for simple operation. Once installed and powered, it functions like any standard light fixture. Its dimmable feature allows for adjustable light output.

Dimming Functionality:

This light is compatible with most TRIAC/ELV dimmers, allowing for smooth dimming from 100% down to 10% of its full brightness. Ensure you use a compatible dimmer switch for optimal performance.

Part of The Approved Dimmer List

Brand	Model
LUTRON	CT-600PR-IV
	CTCL-153P-WH
	TG-600P
	MACL-153M-WH
	DVCL-153P-WH
	PD-6WCL
	RRD-6NA
	DV-600P-BL
	DSL06
	TGCL-153P
LEVITON	6672
	6633-P
	6674
	6631-LI
COOPER	SAL06P

Figure 5: A list of recommended dimmer brands and models (Lutron, Leviton, Cooper) compatible with the JULLISON LED Disk Light for smooth dimming.

This image provides a detailed table of approved dimmer switches, including specific models from Lutron, Leviton, and Cooper, ensuring proper dimming functionality.

MAINTENANCE

The JULLISON LED Disk Light requires minimal maintenance. The LED components are designed for a long lifespan of 50,000 hours.

- **Cleaning:** To clean the fixture, ensure power is off. Use a soft, dry, or slightly damp cloth. Avoid abrasive cleaners or solvents that may damage the finish or electrical components.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. If the light fails, the entire fixture should be replaced.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose wiring, faulty switch.	Check circuit breaker. Verify all wire connections are secure. Test the switch.
Light flickers or dims improperly.	Incompatible dimmer, loose wiring.	Ensure dimmer is compatible (refer to compatible dimmer list). Check wiring connections.
Light is not as bright as expected.	Dimmer setting too low, incorrect wattage.	Adjust dimmer to maximum brightness. Verify product specifications.

SPECIFICATIONS

Feature	Detail
Brand	JULLISON
Model Number	DL6IN4KWH20P
Size	6 Inch (7.5 inch with outer trim)
Color Temperature	4000K Cool White
Wattage	15 Watts
Brightness	>900 Lumens
CRI (Color Rendering Index)	80+
Voltage	120 Volts (AC)
Material	Metal, Plastic
Installation Type	Surface Mount (compatible with 4" junction boxes)
Dimmable	Yes (5-100% with TRIAC/ELV dimmers)
Lifespan	50,000 hours
Certifications	ETL Listed, Energy Star
Indoor/Outdoor Usage	Outdoor (Damp and Wet Locations)
Item Weight	9.81 Pounds (for 20 packs)
Package Dimensions	16.81 x 16.42 x 8.94 inches

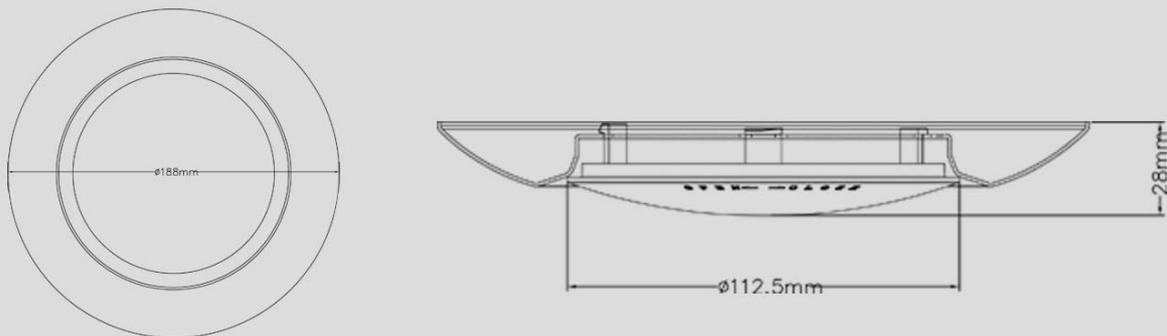


Figure 6: Detailed dimensions of the JULLISON 6 Inch LED Disk Light, showing its diameter and low profile depth.

This image provides a technical drawing of the light fixture, detailing its 158mm (6.2 inch) diameter and 28mm (1.1 inch) depth, confirming its low-profile design.

WARRANTY AND SUPPORT

JULLISON products come with a **5-Year Limited Warranty**, ensuring quality and performance. For technical assistance, troubleshooting, or warranty claims, please contact JULLISON customer support.

Refer to the official JULLISON website or your purchase documentation for specific contact details.