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› **JULLISON 6-Inch Black 5CCT LED Low Profile Recessed & Surface Mount Disk Light Instruction Manual**

JULLISON DL6IN5CCTBK8P

JULLISON 6-Inch Black 5CCT LED Low Profile Recessed & Surface Mount Disk Light Instruction Manual

Model: DL6IN5CCTBK8P

INTRODUCTION

Thank you for choosing the JULLISON 6-Inch Black 5CCT LED Low Profile Recessed & Surface Mount Disk Light. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting fixture. Please read these instructions thoroughly before installation and retain them for future reference.

IMPORTANT SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Ensure all electrical connections are made correctly and securely.
- Do not modify the fixture in any way. Any modifications may void the warranty and create safety hazards.
- Suitable for use in dry, damp, and wet locations.
- Operating voltage: 120 Volts.

PACKAGE CONTENTS

Each package contains:

- JULLISON 6-Inch LED Surface Mount Ceiling Disk Light (Quantity as per purchase, e.g., 8 units)
- Installation hardware (screws, wire nuts)
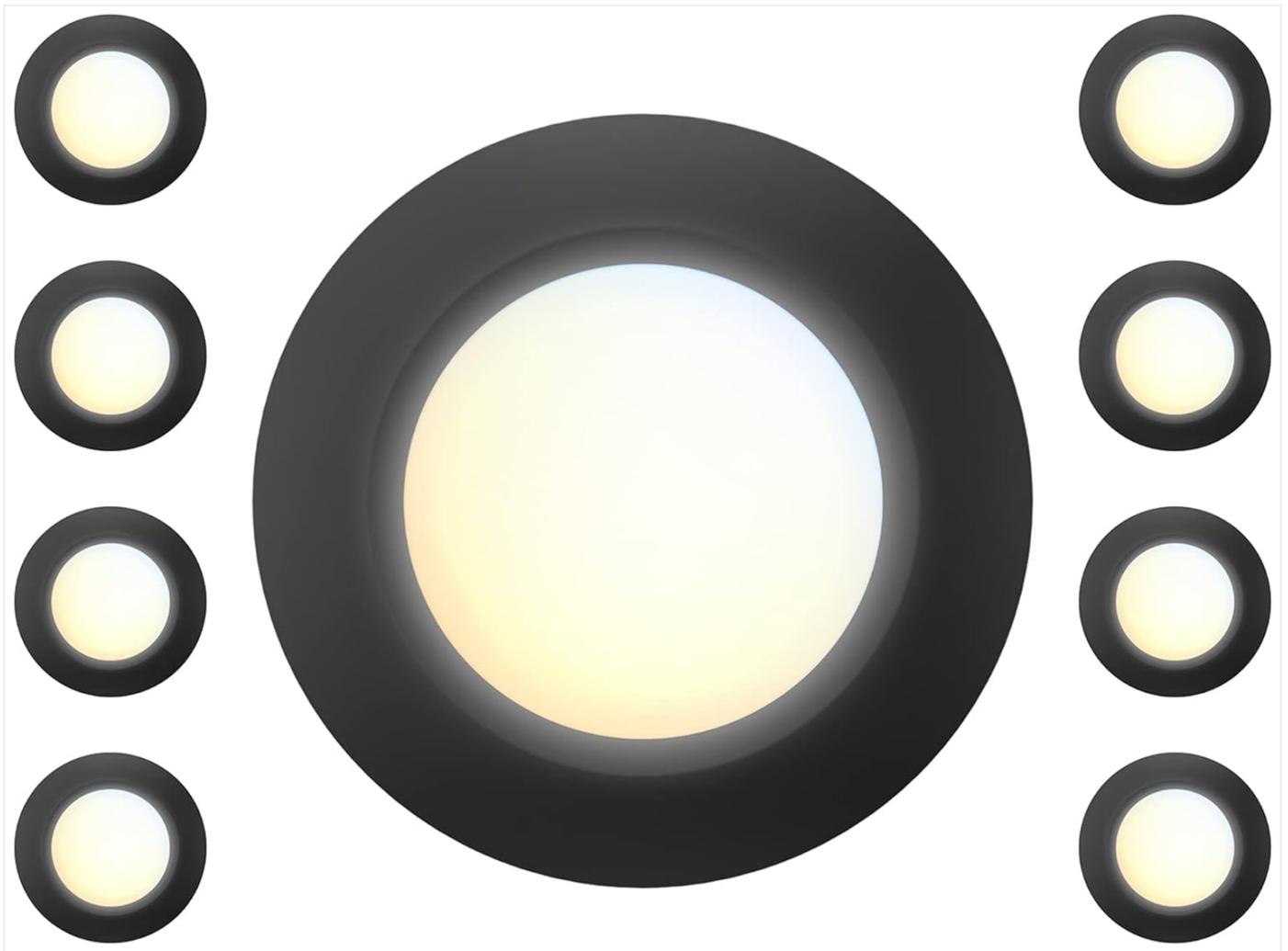- Instruction Manual

Image: Overview of the JULLISON 6-inch Black 5CCT LED Disk Lights, showing multiple units.

PRODUCT FEATURES

- **5CCT Selectable:** Choose from 2700K (Warm White), 3000K (Soft White), 3500K (Neutral White), 4000K (Cool White), or 5000K (Daylight) color temperatures.
- **Low Profile Design:** At only 1.26 inches in height, these lights are suitable for tight spaces and low ceilings.
- **Energy Efficient:** 15 Watts, providing 900 Lumens, equivalent to a 75-watt incandescent bulb, saving over 80% energy.
- **Smooth Dimming:** Compatible with most Triac/ELV wall dimmers, dimmable down to 5%.
- **Driverless Technology:** Integrated DOB (Driver On Board) technology for a compact design.
- **Durable Construction:** Made from metal and plastic, ETL certified for safety.
- **Wet Location Rated:** Suitable for use in bathrooms, showers, and outdoor covered areas.

Image: Visual representation of product features and certifications.

SETUP AND INSTALLATION

This fixture is designed for both recessed and surface mount applications, compatible with 4-inch junction boxes and fire-rated boxes.

Tools Required (Not Included):

- Screwdriver
- Wire Strippers
- Electrical Tape (optional)

Installation Steps:

1. **Turn Off Power:** Before starting any electrical work, ensure the power supply to the installation area is turned off at the circuit breaker or fuse box.
2. **Prepare Junction Box:** Ensure your junction box is securely mounted and accessible. The fixture is compatible with various 4-inch junction boxes (shallow pan, octagon metal, square metal, square plastic, round plastic, fire rated).
3. **Select Color Temperature:** Before mounting, locate the 5CCT selector switch on the back of the fixture. Choose your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K) by sliding the switch. This cannot be changed easily after installation.
4. **Wire Connections:** Connect the fixture's wires to the corresponding wires in the junction box using wire nuts:
    - Black wire (fixture) to Black wire (supply) - Live
    - White wire (fixture) to White wire (supply) - Neutral
    - Green/Bare Copper wire (fixture) to Green/Bare Copper wire (supply) - Ground

   Ensure connections are secure.
5. **Mount the Fixture:** Align the fixture with the mounting holes on the junction box. Secure the fixture to the junction box using the provided screws.
6. **Restore Power:** Once the fixture is securely mounted and all connections are checked, restore power at the circuit breaker.

Image: Step-by-step visual guide for connecting wires and mounting the light.

Image: Examples of compatible junction boxes for installation.

OPERATING INSTRUCTIONS

Once installed and power is restored, the JULLISON LED Disk Light operates like any standard lighting fixture controlled by a wall switch. If connected to a compatible dimmer switch, you can adjust the brightness level.

COLOR TEMPERATURE SELECTION (5CCT)

The JULLISON LED Disk Light features a 5CCT selectable switch, allowing you to choose from five distinct color temperatures:

- **2700K:** Warm White, similar to traditional incandescent lighting.
- **3000K:** Soft White, a slightly brighter warm light.
- **3500K:** Neutral White, a balanced white light.
- **4000K:** Cool White, a crisp, bright white light.
- **5000K:** Daylight, a very bright, bluish-white light.

Important: The CCT selection switch is located on the back of the fixture and must be set **before installation**. To change the CCT after installation, you will need to remove the fixture from its mounting.

Image: Visual demonstration of different color temperatures and the selector switch.

DIMMING COMPATIBILITY

This LED disk light is designed for smooth dimming performance with most Triac/ELV type wall dimmers, allowing adjustment from 100% down to 5% brightness. For optimal performance, refer to the dimmer compatibility list below. Using incompatible dimmers may result in

flickering or reduced performance.

Image: Dimmer compatibility chart for the JULLISON LED disk light.

Recommended Dimmers:

No.	Brand	Model#	Dimming Range
1	LUTRON	CT-600PR-IV	10%-100%
2	LUTRON	CTCL-153P-WH	10%-100%
3	LUTRON	TG-600P	10%-100%
4	LUTRON	MACL-153M-WH	10%-100%
5	LUTRON	DVCL-153P-WH-3	10%-100%
6	LUTRON	PD-6WCL	10%-100%
7	LEVITON	6672-1LW	10%-100%
8	LEVITON	6633-P	10%-100%
9	LEVITON	6674	10%-100%
10	COOPER	SAL06P	10%-100%
11	LEVITON	6631-LI	10%-100%

MAINTENANCE

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners, as they may damage the finish or electrical components.
- **No User-Serviceable Parts:** The LED components are integrated and not user-replaceable. Do not attempt to open or repair the fixture.
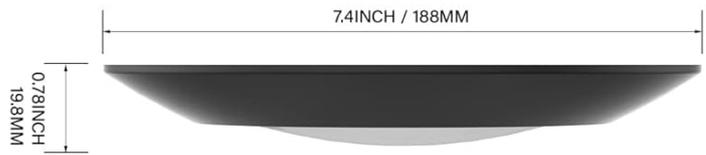
TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	- No power to the fixture. - Loose wire connections. - Faulty switch.	- Check circuit breaker/fuse. - Ensure power is off, then check all wire connections. - Test the switch with another device.
Light flickers or dims improperly.	- Incompatible dimmer switch. - Loose wire connections.	- Replace dimmer with a compatible Triac/ELV LED dimmer (refer to compatibility list). - Ensure power is off, then check all wire connections.

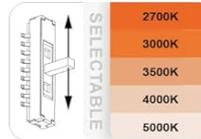| Problem	Possible Cause	Solution
Incorrect color temperature.	CCT selector switch set incorrectly.	Turn off power, remove fixture, and adjust the CCT selector switch on the back.

SPECIFICATIONS

Feature	Detail
Brand	JULLISON
Model Name	DL6IN5CCTBK8P
Color	Black
Size	6 Inch
Material	Metal, Plastic
Light Source Type	LED
Wattage	15 Watts
Brightness	900 Lumens
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K (Selectable)
CRI (Color Rendering Index)	80
Voltage	120 Volts
Dimming	Dimmable (5%-100%) with Triac/ELV dimmers
Installation Type	Flush Mount, Surface Mount
Product Dimensions	7.64"L x 1.26"W x 7.64"H
Indoor/Outdoor Usage	Outdoor (Wet Location Rated)
Certifications	ETL Listed

PRODUCT DIMENSIONS

7.4INCH / 188MM

0.78INCH 19.8MM

Intertek c ETL LISTED US

5 CCT 2700K 3000K 3500K 4000K 5000K

- 5CCT Seletable in 1 unit for 2700K, 3000K, 3500K, 4000K, 5000K for various applications
- All in 1 LED luminarie provides surface mount light for 4" junction box or fire rated box
- Slim, low profile, high quality construction and easy installation
- 120VAC operation at 15 watts emitting over 1000 useful lumens of pleasing light
- Compatible with most of the regular wall TRIAC/ELV dimmers from 10% to100%
- Energy saving over 80% comparing with 75 watts incandencent light bulb
- Suitable for wet locations in shower top & outdoor soffit etc.

SELECTABLE
2700K
3000K
3500K
4000K
5000K

LUMENS	WATTAGE INCANDENCENT	CRI / CCT	BEAM ANGLE	WET LOCATION	LIMITED WARRANTY	DIMMING
1050 LM @5000K	75W 15W	≥80 CRI Ra	120°		5YEAR	

LIGHT APPEARANCE

2700K   5000K   Cool

Image: Product dimensions and key technical specifications.

WARRANTY AND SUPPORT

This JULLISON LED Disk Light comes with a **5 Years Limited Warranty**. For any questions regarding installation, operation, or warranty claims, please contact JULLISON LED customer support.
Contact information can typically be found on the product packaging or the official JULLISON website.