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> [JULLISON 5-Inch 5CCT LED Edgelit Slim Surface Mount Downlight Instruction Manual](#)

JULLISON SM5IN5CCTWH4P

JULLISON 5-Inch 5CCT LED Edgelit Slim Surface Mount Downlight Instruction Manual

Model: SM5IN5CCTWH4P

INTRODUCTION

This instruction manual provides comprehensive guidance for the safe installation, proper operation, and effective maintenance of your JULLISON 5-Inch 5CCT LED Edgelit Slim Surface Mount Downlight. Please read this manual thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

- Always turn off power at the circuit breaker before beginning installation.
- Consult a qualified electrician if you are not familiar with electrical wiring.
- Ensure all electrical connections are made in accordance with local codes and ordinances.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create safety hazards.
- This product is rated for 120VAC. Ensure your power supply matches this requirement.
- Suitable for use in dry, damp, and wet locations.

PACKAGE CONTENTS

The JULLISON 5-Inch 5CCT LED Edgelit Slim Surface Mount Downlight package includes the following components:

- LED Edgelit Slim Surface Mount Downlight fixture(s)
- Universal Mounting Bracket
- Mounting Screws (x2)
- Wire Nuts (x3)
- Gasket (for wet location sealing)

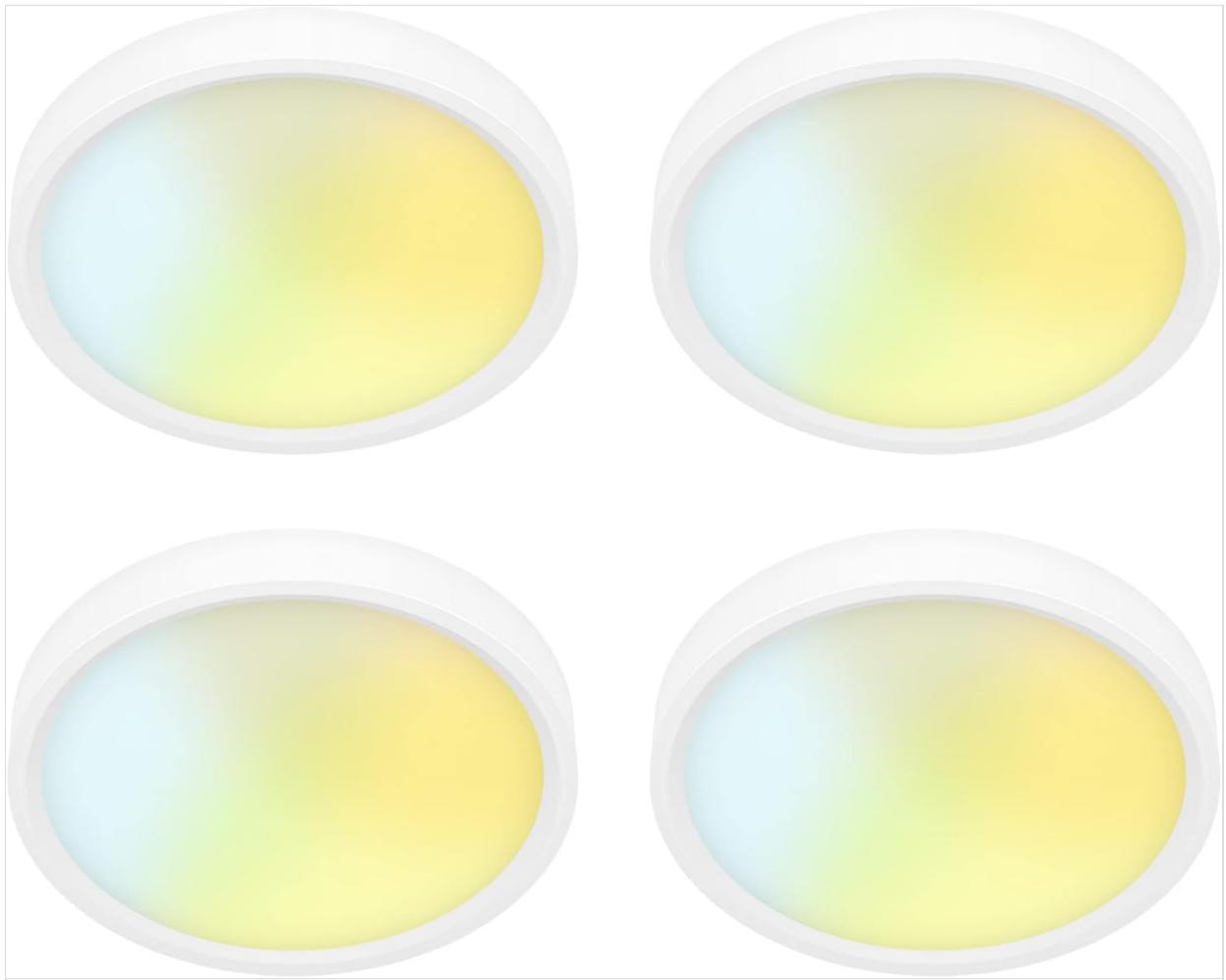


Image: Four JULLISON 5-inch LED Edgelit Slim Surface Mount Downlights, illustrating the product included in the package.

SPECIFICATIONS

Brand	JULLISON
Model Number	SM5IN5CCTWH4P
Product Dimensions	5.94"L x 5.94"W x 0.55"H (fixture height)
Power Consumption	10 Watts
Brightness	620 Lumens
Voltage	120 Volts AC
Color Temperature (CCT)	Selectable: 2700K, 3000K, 3500K, 4000K, 5000K
Color Rendering Index (CRI)	90+
Dimming	Dimmable (compatible with Triac/ELV wall dimmers, down to 5%)
Material	Aluminum, Metal
Certifications	ETL Listed
Location Rating	Wet Location Suitable

PRODUCT DIMENSIONS

LIGHT APPEARANCE

5 CCT Switchable

PRODUCT SPECIFICATIONS

Power:	10W
Brightness:	620 Lumens
Beam angle:	120°
Voltage:	120V
Dimmable:	YES
CRI:	>90

Image: Detailed product dimensions, visual representation of 5CCT options, and a summary of key specifications including power, brightness, voltage, and CRI.

SETUP AND INSTALLATION

Follow these steps for proper installation of your JULLISON LED Downlight. This fixture is designed for easy mounting to standard 3-inch or 4-inch junction boxes with a minimum depth of 1 inch.

1. **Prepare for Installation:** Ensure power is turned off at the circuit breaker. Remove the existing fixture if applicable.
2. **Select Color Temperature (CCT):** Before mounting, locate the CCT selector switch on the back of the fixture. Choose your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K) by sliding the switch. This setting cannot be changed after installation without removing the fixture.
3. **Mount the Bracket:** Screw the universal mounting bracket onto the junction box using the provided screws. Ensure it is securely fastened.
4. **Wire Connections:** Connect the live wire (black), neutral wire (white), and ground wire (green/bare copper) from the junction box to the corresponding wires on the fixture using the provided wire nuts. Ensure all connections are tight and secure.
5. **Attach the Fixture:** Carefully tuck the wires into the junction box. Align the fixture with the mounting bracket and push it up until it securely snaps into place.
6. **Seal (Optional, for Wet Locations):** For external use or wet locations, it is recommended to apply waterproof

silicone sealant around the trim and ceiling to prevent moisture ingress.

JUNCTION BOX
Easy Installation onto Different Types of Junction Boxes with Unversal Mounting Bracket

EASY INSTALLATION

x1 x2 x3

- 1 Screw the Universal Mounting Bracket onto The Junction Box.
- 2 Wiring The Live Wire, Neutral Wire and Ground Wiring via Wiring Nuts.
- 3 Pop Up the Light onto the Mounting Bracket/Junction Box and Light Up.

SOFT REMINDER:
FOR EXTERNAL USE, RECOMMEND APPLYING WATERPROOF SILICONE TO SEAL AROUND TRIM AND CEILING

Image: Step-by-step installation diagram showing how to mount the bracket, connect wires, and attach the light fixture to a junction box.

Compatible Dimmers

This fixture is compatible with most Triac/ELV wall dimmers, allowing dimming down to 5%. Refer to the following list for some compatible dimmer models:

Brand	Model #	Dimming Range
LUTRON	CT-600PR-IV	10%-100%
LUTRON	CTCL-153P-WH	10%-100%
LUTRON	TG-600P	10%-100%
LUTRON	MACL-153M-WH	10%-100%
LUTRON	DVCL-153P-WH-3	10%-100%
LUTRON	PD-6WCL	10%-100%

LEVITON	6672-1LW	10%-100%
LEVITON	6633-P	10%-100%
LEVITON	6674	10%-100%
COOPER	SAL06P	10%-100%
LEVITON	6631-LI	10%-100%



EDGEKIT TECHNOLOGY
OFFERS EVEN LIGHT DISTRIBUTION

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%



Intertek



Wet Location



Dimmable

Image: Details on Edgelit Technology for even light distribution, ETL certification, suitability for wet locations, dimmable feature, and a table of compatible dimmer models.

OPERATING INSTRUCTIONS

Once installed, operating your JULLISON LED Downlight is straightforward:

- **Power On/Off:** Use your standard wall switch to turn the light fixture on or off.
- **Color Temperature Selection:** The 5CCT (Correlated Color Temperature) is selected via a switch on the back of the fixture during installation. Once installed, the chosen CCT will remain active.
- **Dimming:** If connected to a compatible dimmer switch, adjust the dimmer control to achieve your desired brightness level. The fixture supports smooth dimming from 100% down to 5% without buzzing or flickering.

NO FLICKERING & NO NOISE

100%-10% Dimming Without Buzzing
And No Flickering

High Color Rendering Index 90+
Provides High Quality Light



Our Ceiling Light
(No Flickering)



Other Ceiling Light
(Frequent Flickering)

Image: Visual comparison demonstrating the JULLISON light's flicker-free operation compared to a flickering light, highlighting its high CRI for quality light.

MAINTENANCE

The JULLISON LED Downlight requires minimal maintenance:

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or electrical components.
- **No Bulb Replacement:** This fixture features integrated LED technology, meaning there are no bulbs to replace.

TROUBLESHOOTING

If you encounter issues with your JULLISON LED Downlight, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
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Light does not turn on	No power to the fixture Loose wiring connection Faulty switch	Check circuit breaker and wall switch. Ensure all wire connections are secure. Test the switch with another device.
Light flickers or buzzes	Incompatible dimmer switch Loose wiring	Ensure you are using a compatible Triac/ELV dimmer. Check all wire connections for tightness.
Incorrect color temperature	CCT switch set incorrectly	Turn off power, carefully remove the fixture, and adjust the CCT selector switch on the back to your desired setting. Reinstall the fixture.

WARRANTY AND SUPPORT

For any questions regarding installation, operation, or if you experience issues not covered in this manual, please do not hesitate to contact JULLISON LED customer support. Refer to your purchase documentation for specific warranty terms and contact information.

PRODUCT APPLICATIONS

The JULLISON 5-Inch 5CCT LED Edgelit Slim Surface Mount Downlight is versatile and suitable for various indoor and wet location applications, including:

- Bathrooms
- Hallways
- Kitchens
- Stairways
- Living Areas
- Porches (covered, wet location rated)
- Utility Rooms

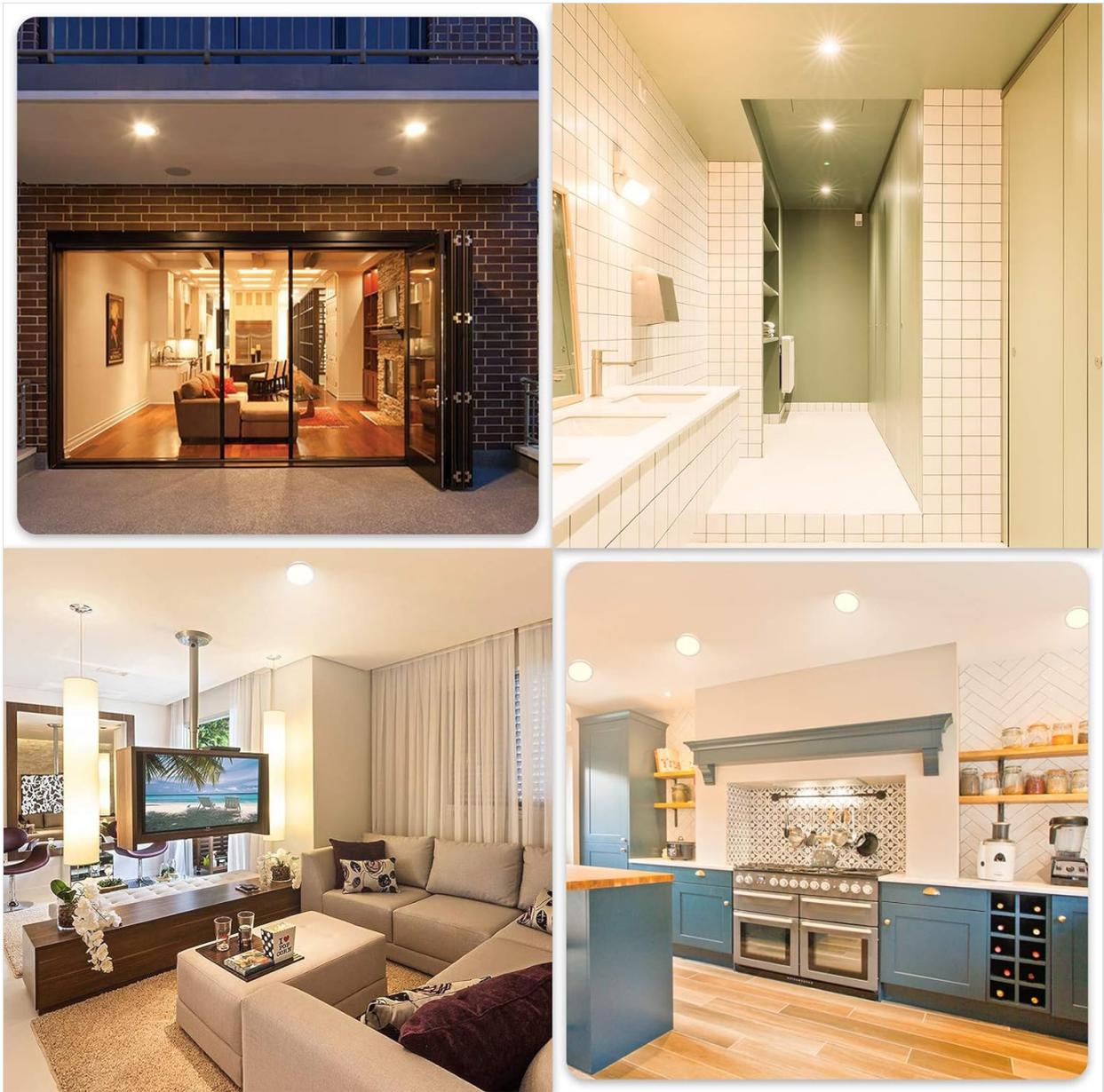


Image: Examples of the JULLISON LED downlight installed in different residential environments, including outdoor covered areas, bathrooms, living rooms, and kitchens.