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DAMINY P126C

DAMINY 4-Inch LED Recessed Lighting with Junction Box (Model P126C) - Instruction Manual

Model: P126C

1. INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your DAMINY 4-Inch LED Recessed Lighting with Junction Box. Please read this manual thoroughly before installation and retain it for future reference.

The DAMINY LED Recessed Light is an ultra-thin, dimmable, canless wafer ceiling light designed for various indoor applications. It features 5 selectable color temperatures (5CCT) and high brightness with energy efficiency.

2. 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 or alter the product in any way.
- Suitable for damp locations.
- IC Rated: Suitable for direct contact with insulation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- DAMINY 4-Inch LED Recessed Lights (24 units)
- External Junction Boxes (24 units)
- Installation Template
- Instruction Manual (this document)



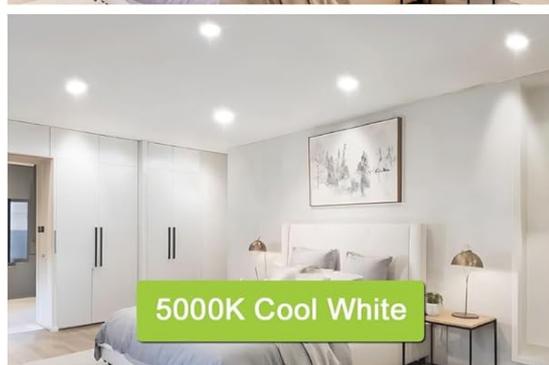
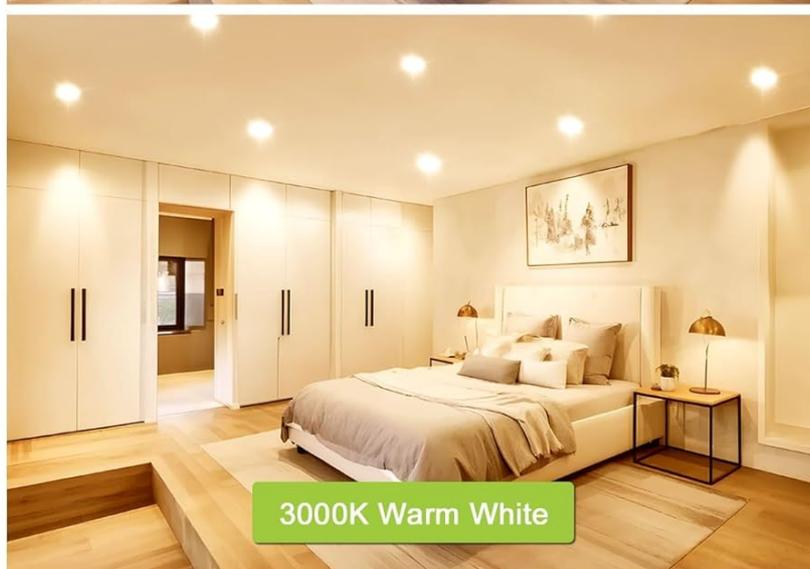
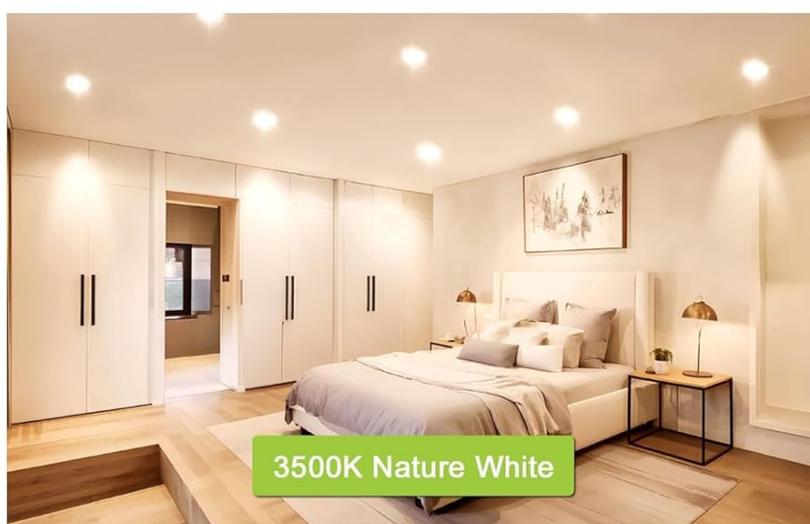
This image displays the Daminy 4-inch LED recessed light, its external junction box, and the product packaging, indicating a 24-pack.

4. PRODUCT FEATURES

- **5CCT Selectable:** Choose from 2700K (Soft White), 3000K (Warm White), 3500K (Nature White), 4000K (Daylight), or 5000K (Cool White) to suit different preferences and environments.
- **Dimmable:** Compatible with most standard dimmers, offering smooth dimming from 5% to 100% brightness.
- **Ultra-Thin Design:** Slim profile allows for easy installation in various ceiling types, including those with limited plenum space.
- **High Brightness & Energy Efficient:** Delivers 700 lumens while consuming only 8 watts, equivalent to an 80W incandescent lamp, saving up to 92% in energy costs.
- **ETL & IC Rated:** Certified for safety and suitable for direct contact with insulation, reducing fire risk.

5 CCT IN ONE

Free to choose the lighting ambiance you want



This image illustrates the five selectable color temperatures (2700K, 3000K, 3500K, 4000K, 5000K) available with the Daminy recessed lights, shown in various room settings.

Daminy

EASY INSTALLATION



This image demonstrates the smooth dimming range of the Daminy recessed lights, from 5% to 100%, emphasizing their flicker-free and silent operation with quick startup.

Daminy

Reliable Product

Professional Certification & High Quality Materials



This image highlights the safety and quality certifications of the Daminy recessed light, such as ETL, Energy Star, CE, FC, and IC Rated, indicating compliance with industry standards.

5. SPECIFICATIONS

Feature	Specification
Model Number	P126C
Size	4 Inch
Wattage	8W (equivalent to 80W incandescent)
Brightness	700 Lumens
Color Temperature (CCT)	2700K/3000K/3500K/4000K/5000K (Selectable)
Dimmability	5%-100% (Compatible with most dimmers)

Feature	Specification
Material	Aluminum
Product Dimensions	4.7"L x 4.7"W x 1.05"H
Advised Hole Cutout Size	4.25 inches
Indoor/Outdoor Usage	Indoor (Damp Location Rated)
Certifications	ETL, IC Rated
Power Source	AC

Daminy

5% 100%

No Flicker, No Noise, 1-Second Startup

Stepless Dimming

Matches most dimmers on the market

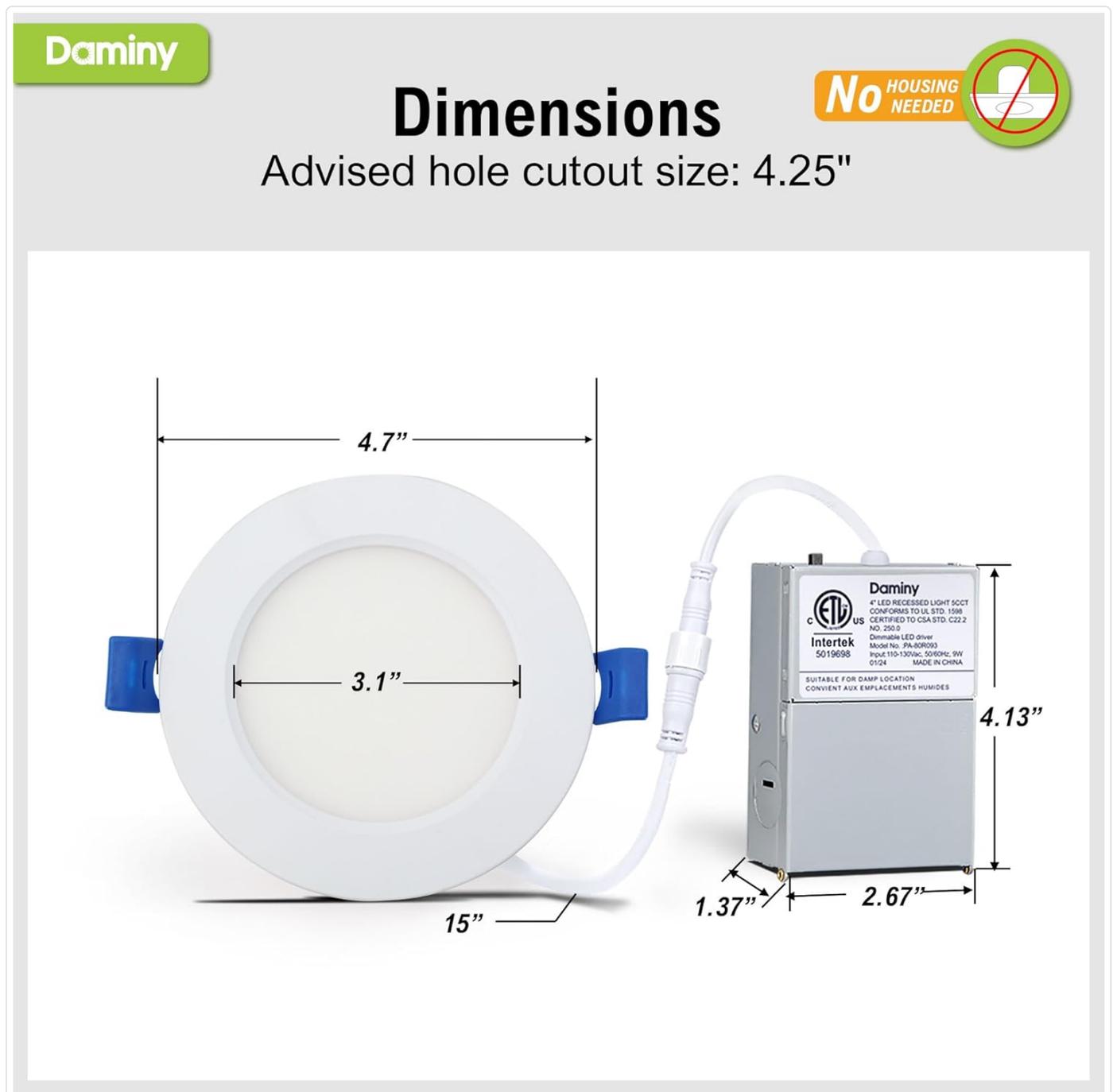
The image shows a living room with a fireplace and a curved green arrow indicating a dimming range from 5% to 100%. The text 'No Flicker, No Noise, 1-Second Startup' is overlaid on the image. Below the image, the text 'Stepless Dimming' is written in large green letters, followed by 'Matches most dimmers on the market' in smaller green letters.

This diagram provides precise measurements for the Daminy 4-inch LED recessed light and its accompanying junction box, highlighting the recommended 4.25-inch cutout diameter for installation.

6. INSTALLATION INSTRUCTIONS

Before You Begin: Ensure power is disconnected at the circuit breaker. Wear appropriate safety gear.

1. **Cut a Hole:** Use the provided template to mark the desired location on the ceiling. Cut a 4.25-inch diameter hole.
2. **Connect Wiring:** Open the junction box cover. Connect the house wiring (live, neutral, ground) to the corresponding wires inside the junction box using appropriate wire connectors. Ensure connections are secure.
3. **Select Color Temperature (CCT):** Before mounting, locate the 5CCT selection switch on the side of the junction box. Slide the switch to your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K).
4. **Connect Light to Junction Box:** Connect the male and female connectors between the recessed light and the junction box. Ensure they click securely into place.
5. **Mount Junction Box:** Place the junction box through the cutout hole into the ceiling.
6. **Mount Light:** Push the spring clips on the recessed light upwards and insert the light into the ceiling hole. Release the clips to secure the light flush against the ceiling.



This image presents a step-by-step installation guide for the Daminy recessed lights, detailing how to cut the ceiling hole, connect electrical wiring, link the light to the junction box, and secure the light in place.



This image shows the physical switch on the junction box used to select one of the five available color temperatures for the Daminy recessed light.

7. OPERATING INSTRUCTIONS

- **Power On:** Restore power at the circuit breaker. The light should illuminate.
- **Color Temperature Selection:** The desired color temperature must be selected using the switch on the junction box **before** installation. Once installed, the CCT cannot be changed without removing the fixture.
- **Dimming:** If connected to a compatible dimmer switch, adjust the dimmer to control the brightness level from 5% to 100%.

8. MAINTENANCE

- **Cleaning:** Ensure power is off before cleaning. Wipe the light fixture with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **No User-Serviceable Parts:** The LED components are integrated and not user-replaceable. Do not attempt to open or repair the fixture.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty light fixture	Check circuit breaker and wall switch. Verify all wiring connections in the junction box. Contact customer support if power and connections are confirmed.
Light flickers or blinks	Incompatible dimmer switch Loose wiring Voltage fluctuations	Ensure dimmer is LED compatible. Try a non-dimming switch. Check wiring connections. Consult an electrician if voltage issues are suspected.
Incorrect color temperature	CCT switch set incorrectly	Disconnect power, carefully remove the light, and adjust the CCT switch on the junction box to the desired setting. Reinstall.
Light is too dim or too bright	Dimmer setting CCT selection	Adjust the dimmer switch. Note that different CCTs can perceive brightness differently.

10. WARRANTY AND SUPPORT

DAMINY LED recessed lights come with a **5-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact DAMINY customer service. Our friendly customer service team is available to assist you within 12 hours.

Contact Information: Please refer to the contact details provided on your purchase receipt or the official DAMINY website.