

POWERASIA 5/6Inch

POWERASIA 5/6 Inch LED Can Lights with Night Light User Manual

Model: 5/6Inch

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1. PRODUCT OVERVIEW

The POWERASIA 5/6 Inch LED Can Lights are retrofit recessed lighting fixtures designed for easy installation into existing 5 or 6-inch recessed housing cans. These lights feature a 5CCT (Correlated Color Temperature) selection, allowing users to choose from 2700K (Soft White), 3000K (Warm White), 4000K (Neutral White), 5000K (Cool White), and 6000K (Daylight). Additionally, they include a dedicated night light function with a 2000K amber color temperature. The lights are dimmable from 5-100% and are constructed with durable metal aluminum.

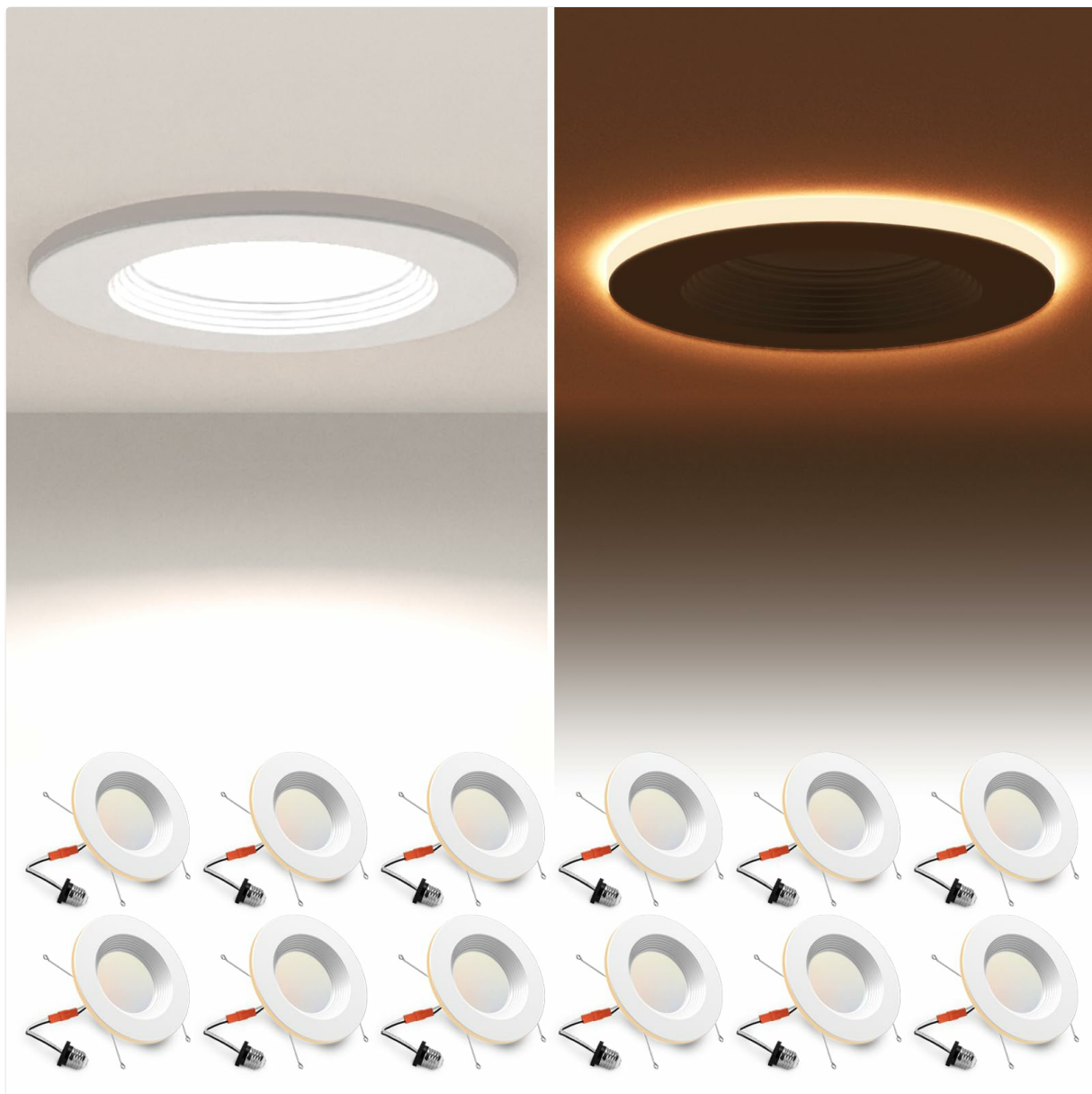


Image: A POWERASIA 5/6 Inch LED Can Light installed flush in a white ceiling, providing bright illumination.

2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **Risk of Electric Shock:** Disconnect power at the circuit breaker or fuse box before installation or servicing.
- **Risk of Fire:** Use only in circuits rated for 120V AC. Do not modify the fixture.
- **Installation:** Installation should be performed by a qualified electrician if you are unsure about electrical wiring. Ensure all connections are secure and correct.
- **Compatibility:** Ensure the recessed housing can is compatible with 5/6 inch retrofit lights.
- **Operating Environment:** Suitable for indoor use. These lights are waterproof, but ensure proper sealing during installation in damp locations.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- LED Can Light (x12)
- C-clips (x24 per light)
- Extra Springs (x24 per light)

4. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	POWERASIA
Model Number	5/6Inch
Size	5/6 Inch (Retrofit)
Material	Aluminum
Wattage	12 Watts (equivalent to 75W incandescent)
Brightness	1200 Lumens
Color Temperature (CCT)	2700K, 3000K, 4000K, 5000K, 6000K (Selectable)
Night Light Color Temperature	2000K Amber
Dimmability	5-100% Smooth Dimming
Voltage	120 Volts
Bulb Base	E26
CRI	90+
Lifespan	50,000 hours
Certifications	ETL, Energy Star
Dimensions (L x W x H)	7.2"L x 1.9"W x 7.2"H

SPECIFICATIONS

Fit in 5/6 inch cans



50000

Hour lifespan



1200Lm

High brightness



12W

Rated wattage



CRI 90+

Rich colors

POWERASIA

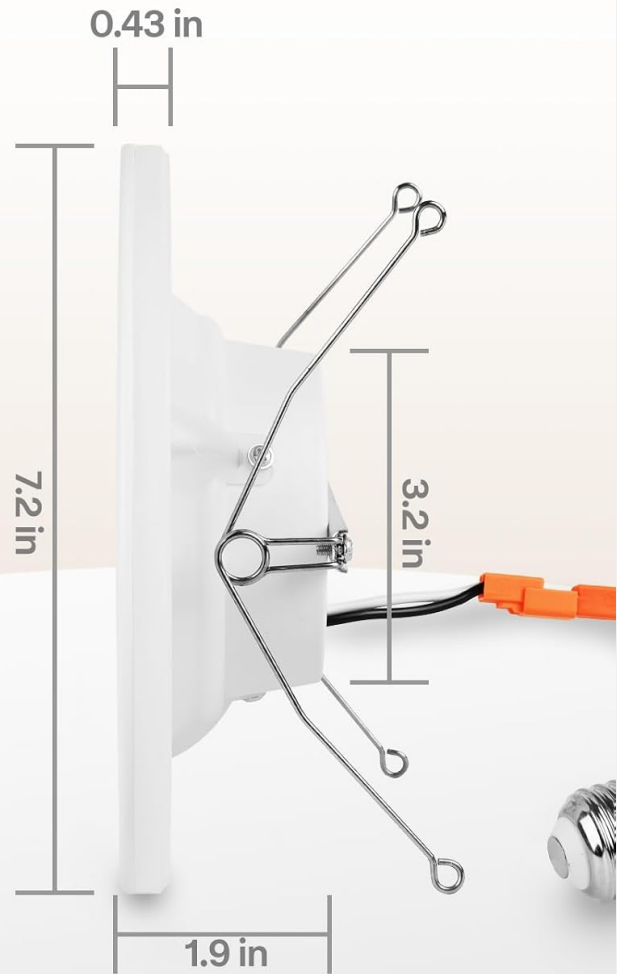


Image: Detailed specifications including dimensions (7.2 in length, 1.9 in width, 3.2 in height for the spring mechanism), 50,000 hour lifespan, 1200Lm brightness, 12W rated wattage, and CRI 90+.

ALUMINUM MATERIAL

Durable metal material



Image: Illustration highlighting the durable metal aluminum construction of the POWERASIA light compared to fragile plastic alternatives, emphasizing better texture and longer lifespan.

5. INSTALLATION INSTRUCTIONS

These retrofit LED can lights are designed for easy installation into existing 5 or 6-inch recessed housing cans.

1. **Turn Off Power:** Before starting, ensure the power to the fixture is turned off at the circuit breaker to prevent electric shock.
2. **Remove Existing Bulb/Trim:** Carefully remove the existing bulb and trim from the recessed can.
3. **Connect Adapter:** Screw the E26 base adapter of the LED can light into the existing socket within the recessed can.
4. **Secure C-clips/Springs:** The LED can light comes with C-clips and springs. Compress the springs and insert the fixture into the recessed can. The springs will expand to hold the light securely in place.
5. **Verify Fit:** Ensure the light is flush with the ceiling.
6. **Restore Power:** Turn the power back on at the circuit breaker.

EASY INSTALLATION

Installation takes only two minutes

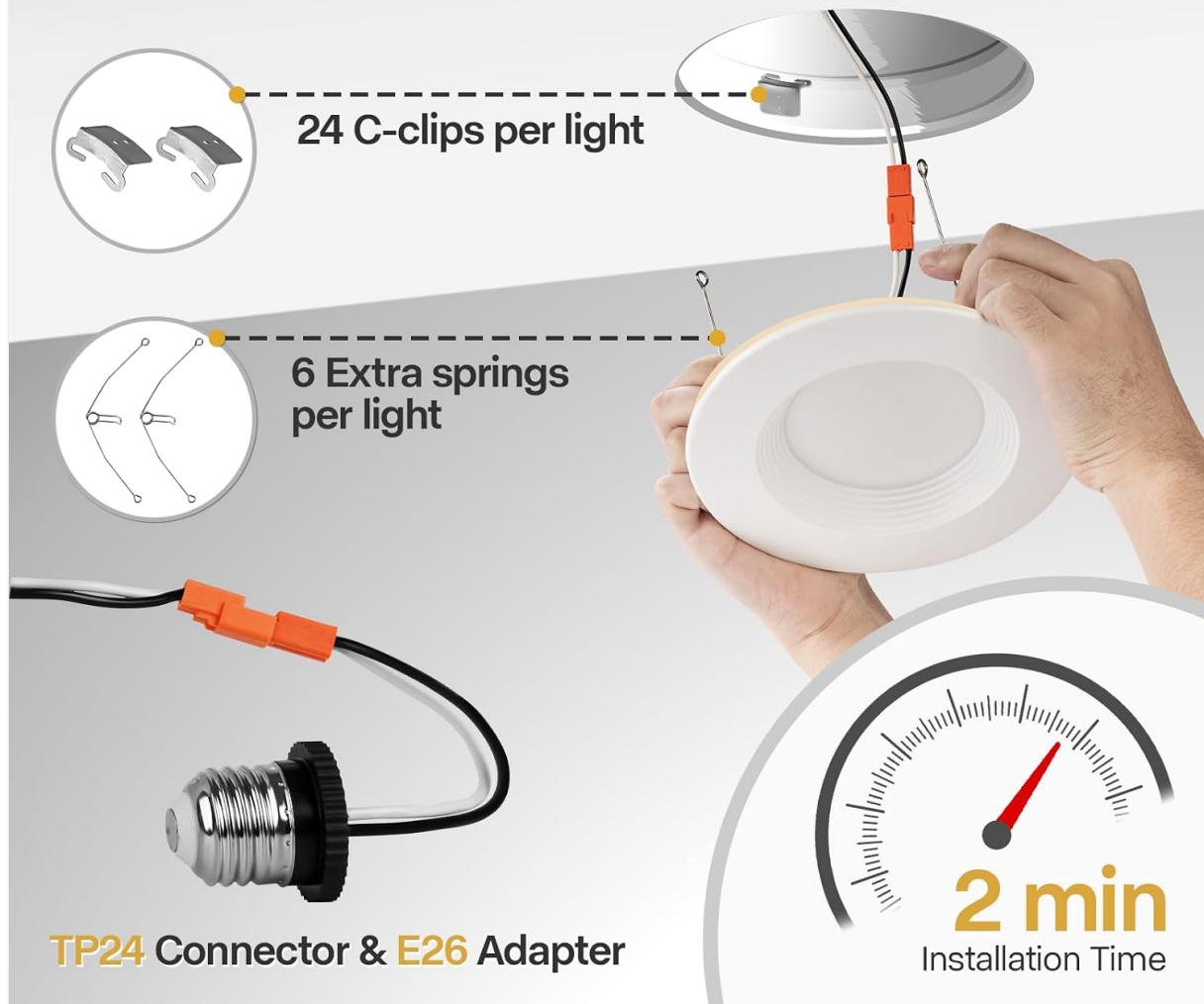


Image: Visual guide demonstrating the simple installation process, highlighting the C-clips, extra springs, and the TP24 connector with E26 adapter for quick setup.

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Video: An official POWERASIA video demonstrating the installation and features of the 6-inch LED can light with night light functionality.

6. OPERATING INSTRUCTIONS

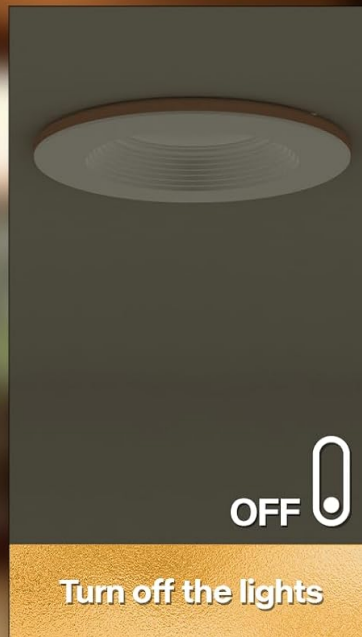
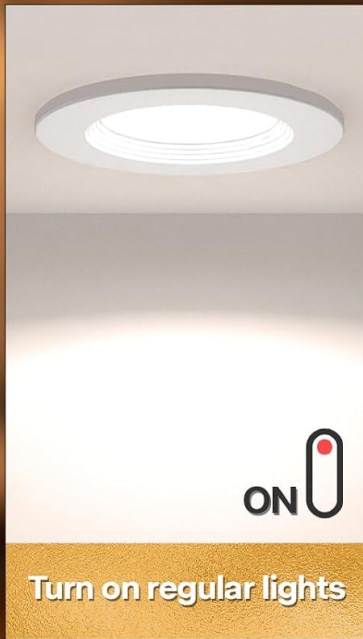
6.1. Color Temperature Selection (5CCT)

The lights offer five selectable color temperatures: 2700K (Soft White), 3000K (Warm White), 4000K (Neutral White), 5000K (Cool White), and 6000K (Daylight). To change the color temperature, simply toggle your standard light switch OFF and ON within 1-3 seconds. Each toggle will cycle through the available CCT options.

6.2. Night Light Function

To activate the night light mode (2000K amber), turn the light switch OFF and then ON. If the light is in a regular CCT mode, turn it OFF, wait for 1-3 seconds, and then turn it ON again. This sequence will typically activate the night light. Repeat the OFF/ON cycle to return to regular CCT modes.

QUICK SWITCH MODE



NOTE:

In the process of switching modes, the interval between each turn on and off of the light needs to be within 1-3 seconds

Image: Illustration demonstrating how to switch between regular light mode and 2000K amber night light mode by toggling the light switch. A note advises a 1-3 second interval between toggles.



NIGHT LIGHT FEATURE

One downlight for two purposes

Image: A split image showing a kitchen with bright white lights on one side and the same kitchen illuminated by the soft amber night light on the other, demonstrating the dual functionality.

6.3. Dimmability

These LED can lights are compatible with most standard dimmers on the market, allowing for smooth dimming from 5% to 100%. Ensure your dimmer switch is compatible with LED lighting.

5-100% SMOOTH DIMMABLE

Use wall dimmers to select different brightness levels



Brand	Dimmer Model		
LUTRON	DVCL-153P	TGCL-153PH	CT-600P
	SCL-153P	CTCL-153P	GT-600P
LEVITON	RNL06	DSL06	IPL06
	SELV-300P	6672	

Not only the dimmers shown in this picture are available other models may also be available.

Image: A table listing compatible dimmer models from brands like Lutron (DVCL-153P, TGCL-153PH, CT-600P, SCL-153P, CTCL-153P, GT-600P) and Leviton (RNL06, DSL06, IPL06, SELV-300P, 6672).



Image: A collage of six images showing a bedroom illuminated by different color temperatures: 2000K Night Light, 2700K Soft White, 3000K Warm White, 4000K Nature White, 5000K Cool White, and 6000K Daylight.

7. MAINTENANCE

The POWERASIA LED Can Lights require minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Bulb Replacement:** These are integrated LED fixtures; the LED chips are not user-replaceable. The fixture has a long lifespan of 50,000 hours.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty switch.	Check circuit breaker. Ensure all wiring connections are secure. Test the switch.

Lights are not in the same mode (CCT or Night Light).	Synchronization issue.	Perform a Synchronization Reset: Quickly switch the lights ON and OFF 5 times within 2 seconds. This will reset all connected downlights to the same mode.
Light flickers or dims inconsistently.	Incompatible dimmer, loose wiring.	Ensure dimmer is LED compatible. Check wiring connections.
Night light function does not activate.	Incorrect switching sequence.	Ensure you are toggling the switch OFF and ON with a 1-3 second pause to activate the night light mode.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

POWERASIA provides a **5-year limited warranty** on these LED Can Lights, covering defects in materials and workmanship under normal use. This warranty is valid from the date of purchase. Please retain your proof of purchase for warranty claims.

9.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your POWERASIA LED Can Lights, please contact our customer support team.

- **Contact Method:** Refer to the contact information provided with your product packaging or visit the official POWERASIA website.
- **Response Time:** We aim to provide quick replies within 12 hours.