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› TORCHSTAR 3 Inch 5CCT LED Pinhole Recessed Lights User Manual

TORCHSTAR A-67876

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Brand: TORCHSTAR

Model: A-67876

PRODUCT OVERVIEW

The TORCHSTAR 3 Inch 5CCT LED Pinhole Recessed Lights are designed to provide precise, layered illumination with an ultra-narrow 30° beam angle. These IC-rated, dimmable, and anti-glare fixtures offer five selectable color temperatures (2700K-5000K) to suit various lighting needs and preferences. They are ideal for enhancing architectural features, creating artistic light patterns, and providing comfortable, focused lighting in residential and commercial spaces.



Figure 1: TORCHSTAR 3-inch 5CCT LED Pinhole Recessed Lights installed.

KEY FEATURES

- **30° Ultra-Narrow Beam:** Delivers focused illumination for layered lighting effects, enhancing depth and visual appeal in hallways, staircases, and other areas.
- **Artistic Light Circles:** The unique design creates distinct light patterns on the floor, adjustable by fixture-to-ceiling distance.
- **Exceptional Anti-Glare Design:** Deeply recessed light source and a round hole in the lampshade minimize glare, providing soft, diffused light for visual comfort.
- **5 Selectable Color Temperatures (5CCT):** Choose from 2700K (Soft White), 3000K (Warm White), 3500K (Neutral White), 4000K (Cool White), and 5000K (Daylight) to match existing lighting or desired ambiance.
- **0-100% Dimmable:** Compatible with most standard dimmers for adjustable brightness.
- **IC Rated:** Suitable for direct contact with insulation.
- **ETL & FCC Listed:** Ensures safety and quality standards.

5 Color Temperatures Adjustable

Ensure Perfect Lighting Uniformity in the Room,
While Dimmable Settings Create the Right Ambiance for Any Situation



Color Temperature Button



DIMMING RANGE
0%-100%

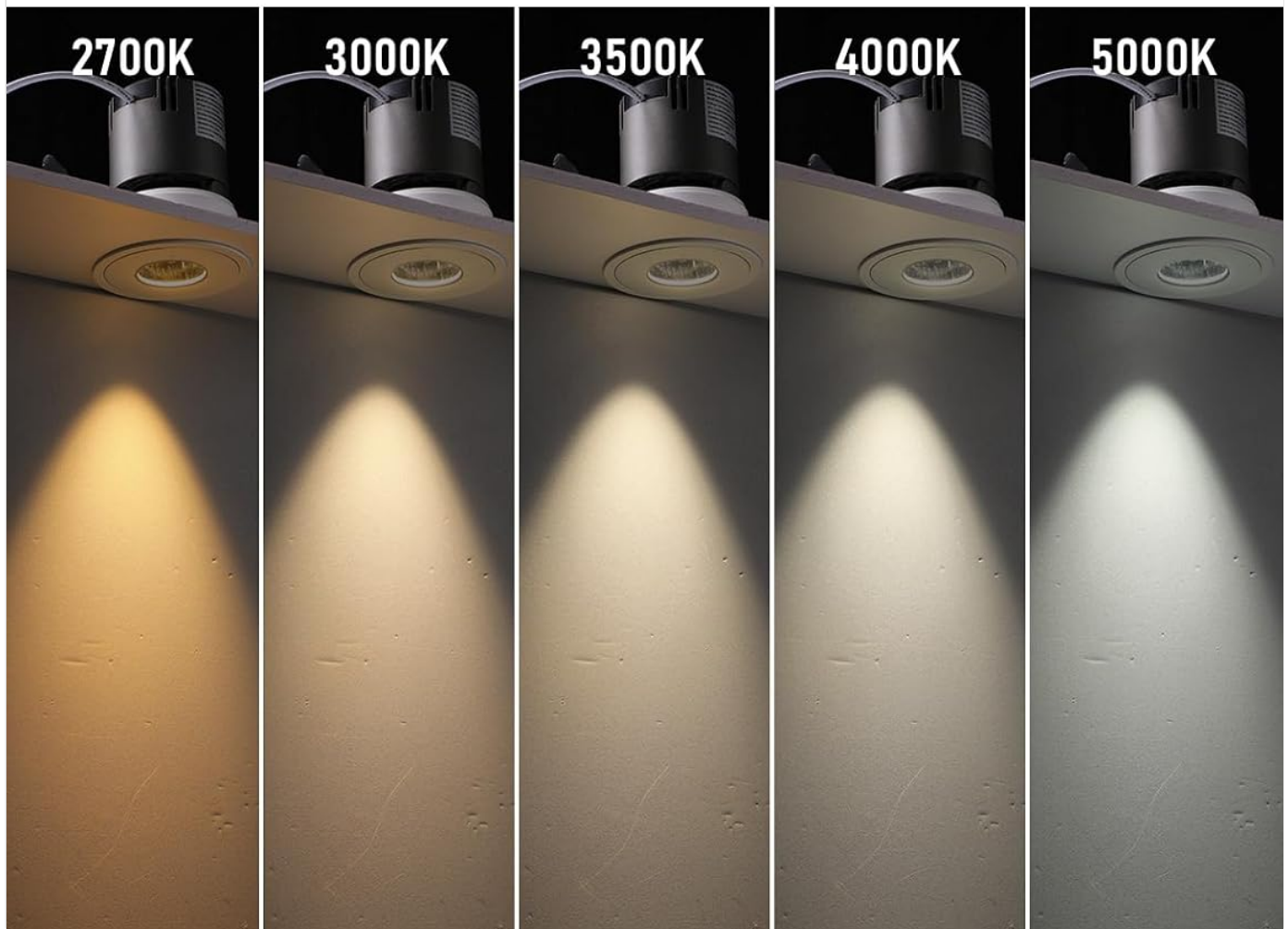


Figure 2: Demonstration of the 5 selectable color temperatures.

INSTALLATION INSTRUCTIONS

Please read all instructions carefully before beginning installation. Ensure power is turned off at the circuit breaker before wiring.

Tools Required:

- Pencil
- Measuring Tape
- Drywall Saw or Hole Saw
- Wire Strippers
- Screwdriver
- Safety Glasses
- Gloves

Installation Steps:

1. **Prepare the Opening:** Use the provided template to mark the cut-out hole size (3 inches / 75mm) on the ceiling. Carefully cut the hole using a drywall saw or hole saw.

PRODUCT DIMENSION

Cut-out hole size: ϕ 3inch (75mm)

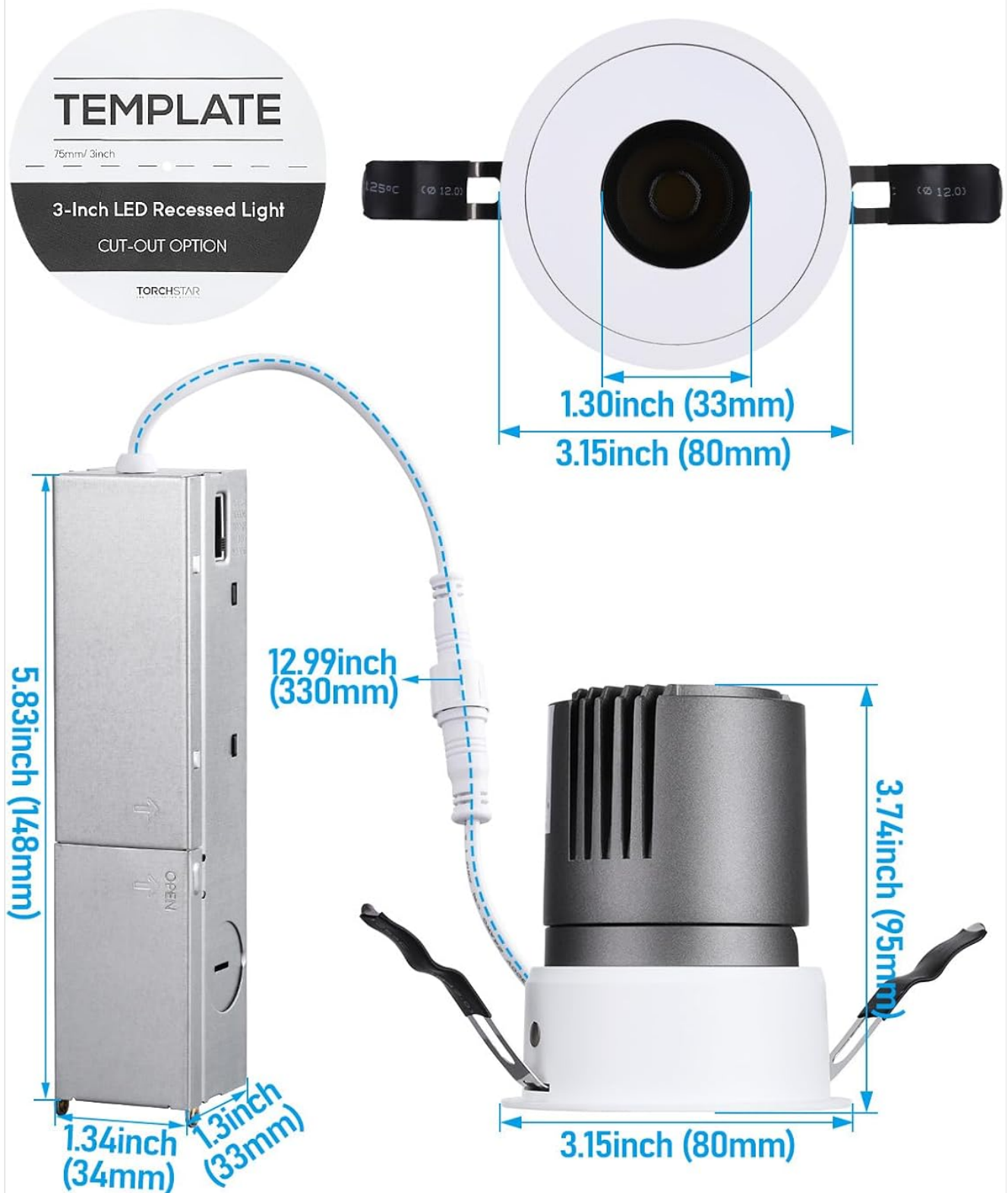


Figure 3: Product dimensions and cut-out template.

- Wire the J-Box:** Open the junction box (J-Box) cover. Connect the household wiring to the J-Box wires according to local electrical codes (typically black to black, white to white, ground to ground). Secure connections with wire nuts. Close the J-Box cover.

Installation & Removal Instructions

1. Use the Template for Precise Cuts, Then Finish the J-Box Wiring.



2. Adjust the Color Temperature Before Placing the J-Box in the Ceiling



3. Bend the Spring Clips and Push the Light into the Ceiling



4. When You Need to Remove the Light, Squeeze Spring Clips and Pull It Out



Figure 4: Step-by-step installation and removal instructions.

3. **Select Color Temperature: IMPORTANT:** Before placing the J-Box into the ceiling, select your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K) using the switch located on the J-Box. Once installed, this switch will be inaccessible.
4. **Insert J-Box:** Carefully push the wired J-Box through the cut-out hole into the ceiling cavity.
5. **Install the Light Fixture:** Connect the light fixture's cable to the J-Box cable. Bend the spring clips on the light fixture upwards and push the light into the ceiling hole. The spring clips will secure the fixture in place.

Removal Instructions:

To remove the light, gently squeeze the spring clips on the sides of the fixture and pull the light out of the ceiling. Disconnect the cable from the J-Box.

OPERATING INSTRUCTIONS

These TORCHSTAR recessed lights are designed for simple operation once installed.

Color Temperature Selection:

As noted in the installation section, the color temperature (CCT) is selected via a switch on the J-Boxbefore installation. Ensure you choose your preferred CCT (2700K, 3000K, 3500K, 4000K, or 5000K) during setup.

Dimming Function:

The lights are 0-100% dimmable. To utilize the dimming feature, ensure you have a compatible dimmer switch installed in your electrical circuit. Adjust the dimmer switch to achieve your desired brightness level. For optimal performance, use recommended dimmer models such as Lutron (OVCL-153PR-WH, CTCL-153PDH-WH, TGCL-153PH-WH, MACL-153MH-WH, P-PKG1W-WH-R), Leviton (R62-06674-PDW, R12-06672-1LW, R50-IPL06-10M), or Eaton (SAL06P-LA-K).



Figure 5: Dimming capability and compatible dimmer list.

MAINTENANCE

These LED recessed lights are designed for long-term, maintenance-free operation. However, general care can help preserve their appearance.

- **Cleaning:** Ensure power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the light fixture. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Bulb Replacement:** The integrated LED light source is designed for a long lifespan (approximately 50,000 hours) and is not user-replaceable. If the light fails, the entire fixture will need to be replaced.

TROUBLESHOOTING

If you encounter issues with your TORCHSTAR recessed lights, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture; loose wiring; faulty switch; fixture failure.	Check circuit breaker. Ensure all wiring connections in the J-Box are secure. Test the switch. If all else fails, the fixture may need replacement.
Light flickers or dims inconsistently.	Incompatible dimmer switch; loose wiring; voltage fluctuations.	Ensure your dimmer switch is compatible with LED lights and is on the recommended list. Check wiring connections. Consult an electrician if voltage issues are suspected.
Incorrect color temperature.	CCT switch set incorrectly during installation.	The CCT switch is located on the J-Box and must be set before installation. If the light is already installed, you will need to carefully remove it to access the J-Box and adjust the switch.
Light is too bright or too dim.	Dimmer setting.	Adjust the dimmer switch to your desired brightness level.

If the problem persists after trying these solutions, please contact TORCHSTAR customer support.

SPECIFICATIONS

Attribute	Value
Brand	TORCHSTAR
Model Name	A-67876
Light Fixture Form	Recessed
Color Temperature	2700K/3000K/3500K/4000K/5000K Selectable
Beam Angle	30° Ultra-Narrow
Wattage	10 Watts
Brightness	450 Lumens
Voltage	120 Volts
Dimmable	0-100%
Color Rendering Index (CRI)	90
Average Life	50,000 Hours
Material	Aluminum, Polycarbonate
Product Dimensions	3.27"L x 3.27"W x 3.81"H
Cut-out Hole Size	3 inches (75mm)
Indoor/Outdoor Usage	Indoor
Certifications	ETL, FCC, IC Rated, CA Title 24 Compliant

WARRANTY AND SUPPORT

Warranty Information:

TORCHSTAR products are manufactured to high quality standards. For specific warranty details regarding your product, please refer to the documentation included with your purchase or visit the official TORCHSTAR website. Protection plans are also available for purchase separately.

- 3-Year Protection Plan: Available for purchase.
- 4-Year Protection Plan: Available for purchase.

Customer Support:

For technical assistance, troubleshooting, or general inquiries, please contact TORCHSTAR customer support. You can often find contact information on the product packaging, the official TORCHSTAR website, or through the retailer where you purchased the product.

Visit the official TORCHSTAR Store for more products and information:[TORCHSTAR Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question