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› TORCHSTAR 8-Inch Ultra-Thin LED Recessed Ceiling Light Instruction Manual (Model: SJ1JDL-8D18WWHT30-6P)

TORCHSTAR SJ1JDL-8D18WWHT30-6P

TORCHSTAR 8-Inch Ultra-Thin LED Recessed Ceiling Light Instruction Manual

Model: SJ1JDL-8D18WWHT30-6P

INTRODUCTION

Thank you for choosing the TORCHSTAR 8-Inch Ultra-Thin LED Recessed Ceiling Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting fixture. Please read these instructions thoroughly before installation and retain them for future reference.



Image: TORCHSTAR 8-Inch Ultra-Thin LED Recessed Ceiling Light with junction box and spring clips.

IMPORTANT SAFETY INFORMATION

- Always turn off power at the circuit breaker before beginning installation.
- Consult a qualified electrician if you are unsure about the installation process.
- Ensure all electrical connections are made in accordance with local and national electrical codes.
- Do not modify the fixture or its components.
- This product is suitable for damp locations but is not water resistant. Avoid direct exposure to water spray.
- The fixture is IC rated, meaning it is permitted to be blanketed with thermal insulation.

SETUP AND INSTALLATION

Package Contents

- 6 x TORCHSTAR 8-Inch Ultra-Thin LED Recessed Lights

- 6 x Junction Boxes
- Spring Clips (pre-attached to lights)
- Wire Nuts
- Cut-out Template

Installation Steps

1. **Prepare the Ceiling:** Using the provided template, cut an 8.19-inch (208mm) diameter hole in the desired ceiling location. Ensure there is at least 2 inches of ceiling space clearance.
2. **Wire the Junction Box:** Open the junction box. Connect the building's electrical wires (ground, white, black) to the corresponding wires inside the junction box using the provided wire nuts. Secure the connections.
3. **Connect Light to Junction Box:** Connect the male/female cable from the LED light fixture to the cable extending from the junction box. Ensure a secure connection.
4. **Position the Junction Box:** Carefully insert the wired junction box into the ceiling hole.
5. **Install the Light Fixture:** Push the spring clips on the sides of the LED light fixture upwards. Insert the light into the ceiling hole. The spring clips will automatically secure the fixture to the ceiling.

INSTALLATION INSTRUCTIONS

1. Cut a 8.19inch diameter hole.



2. Connect the wires accordingly.



3. Connect the LED panel to the driver.



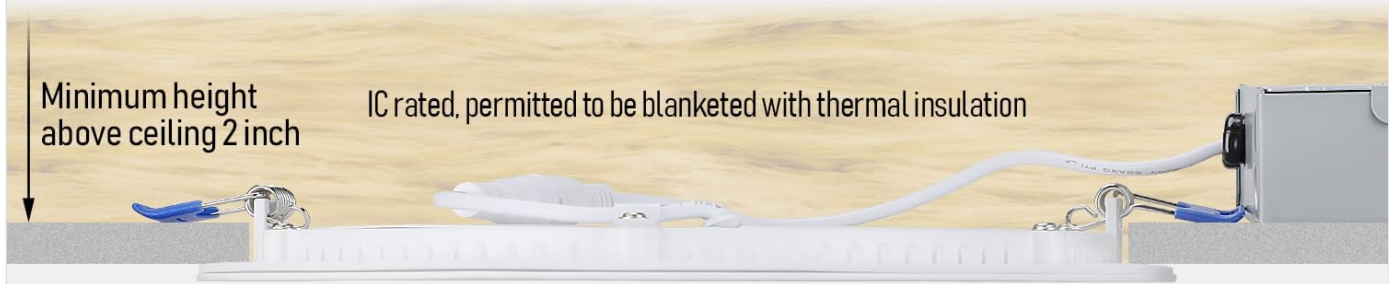
4. Insert the light into the ceiling.



Image: Step-by-step visual guide for installing the recessed light, showing hole cutting, wiring, connecting, and inserting the light.

Free to Install Anywhere

Don't Let Electrical Boxes or Ceiling Joists Limit Your Creativity



IC
RATED



MATERIAL
ALUMINUM



WORKING TEMP
-4°F-104°F

Image: A side profile view of the recessed light demonstrating its ultra-thin design and the minimum 2-inch ceiling space requirement, along with IC rating and aluminum material.

PRODUCT DIMENSION

Cut-out hole size: ϕ 8.19inch (208mm)



Image: Detailed diagram showing the dimensions of the 8-inch recessed light, including its 0.47-inch thickness and 8.78-inch diameter, along with the junction box dimensions.

Installation Video

Your browser does not support the video tag.

Video: Official TORCHSTAR video demonstrating the installation process and features of the 8-inch ultra-thin recessed ceiling light. Duration: 0:51.

OPERATING INSTRUCTIONS

Dimmability

This LED recessed light supports smooth dimming from 5% to 100% when connected to compatible 100-130V dimmer switches. This allows for adjustable brightness to suit various ambient lighting needs.

Color Temperature Selection (CCT)

While this specific variant is Warm White (3000K), the product line often features a CCT selectable switch located on the junction box. This switch allows you to choose from multiple color temperatures (e.g., 2700K, 3000K, 3500K, 4000K, 5000K) before installation to match your preference. Ensure the desired color temperature is selected prior to sealing the junction box within the

ceiling.



Image: A spacious living room showcasing the uniform and bright illumination provided by multiple TORCHSTAR recessed ceiling lights.

MAINTENANCE

The TORCHSTAR LED Recessed Ceiling Light is designed for long-term, low-maintenance operation. With an average lifespan of 36,000 hours, frequent bulb replacement is not required.

Cleaning

- Before cleaning, ensure the power to the fixture is turned off at the circuit breaker.
- Wipe the fixture with a soft, dry, or slightly damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish or electrical components.
- As the fixture is not water resistant, avoid spraying water directly onto it.

TROUBLESHOOTING

If your TORCHSTAR LED Recessed Ceiling Light is not functioning as expected, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose wiring; Faulty fixture.	Check circuit breaker. Ensure all wiring connections are secure. If problem persists, contact support.
Light flickers	Incompatible dimmer switch; Loose wiring; Voltage fluctuations.	Ensure dimmer switch is LED compatible. Check wiring connections. Consult an electrician for voltage issues.
Light is too dim or too bright	Dimmer setting; Incorrect CCT selection.	Adjust dimmer switch. Verify the CCT switch on the junction box is set to the desired color temperature.

SPECIFICATIONS

Feature	Detail
Brand	TORCHSTAR
Model Name	SJ1JDL-8D18WWHT30-6P
Size	8 Inches
Color Temperature	3000 Kelvin (Warm White) - <i>Note: Some models may feature CCT selectable options.</i>
Wattage	18 watts
Brightness	1440 Lumens
Dimmability	5%-100% (with compatible 100-130V dimmers)
Voltage	277 Volts (Input voltage range typically 100-130V for residential use)
Lifespan	36,000 Hours
CRI	80.00
Material	Metal (Aluminum)
Product Dimensions	8.78"L x 8.78"W x 0.47"H
Installation Type	Ceiling Mount
Indoor/Outdoor Usage	Indoor (Suitable for Damp Locations)
Certifications	ETL Listed, Energy Star Certified

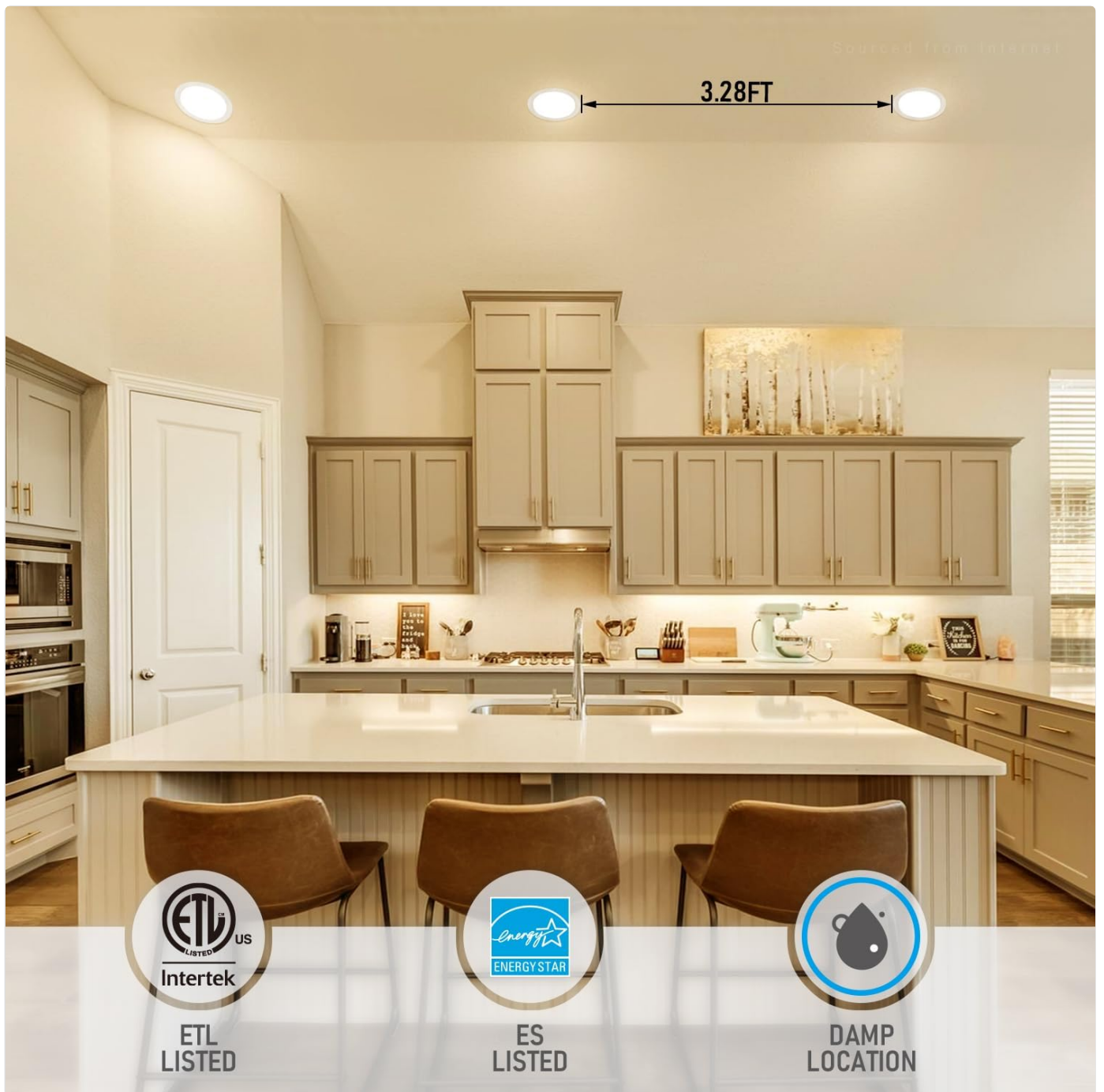


Image: A modern kitchen featuring TORCHSTAR recessed lights, highlighting the ETL Listed and Energy Star certifications, and suitability for damp locations.



Image: A close-up of the recessed light illustrating its key performance metrics: 36,000 hours lifespan, 1440 lumens luminous flux, and 110° beam angle.

WARRANTY INFORMATION

TORCHSTAR products are designed for durability and longevity, with an estimated lifespan of 32.9 years based on 3 hours of daily use. For specific warranty terms and conditions, including coverage details and duration, please refer to the official warranty documentation provided with your purchase or visit the TORCHSTAR official website.

CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your TORCHSTAR 8-Inch Ultra-Thin LED Recessed Ceiling Light, please contact TORCHSTAR customer support. You can typically find contact information on the product packaging, the TORCHSTAR official website, or through your retailer.

When contacting support, please have your product model number (SJ1JDL-8D18WWHT30-6P) and purchase date readily available.

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