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## TORCHSTAR XO1JDL-4D10WSSN27-V2-6P

# TORCHSTAR E-Lite Series 4 Inch Slim Recessed Lighting

Model: XO1JDL-4D10WSSN27-V2-6P

Brand: TORCHSTAR

## 1. INTRODUCTION

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Thank you for choosing the TORCHSTAR E-Lite Series 4 Inch Slim Recessed Lighting. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new LED downlights. Please read this manual thoroughly before installation and retain it for future reference.



Image: Overview of the TORCHSTAR E-Lite Series 4 Inch Slim Recessed Lighting kit, including the J-Box and six individual light units.

## 2. SAFETY INFORMATION

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Your safety is paramount. This recessed lighting boasts an **IC rating**, meaning it is safe for direct contact with insulation without posing a fire risk. It can be installed seamlessly into your ceiling or insulated spaces. The product is **ETL certified** for the light fixture and **UL certified** for its cords and plugs, ensuring compliance with rigorous safety standards.

# Free to Install Anywhere

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

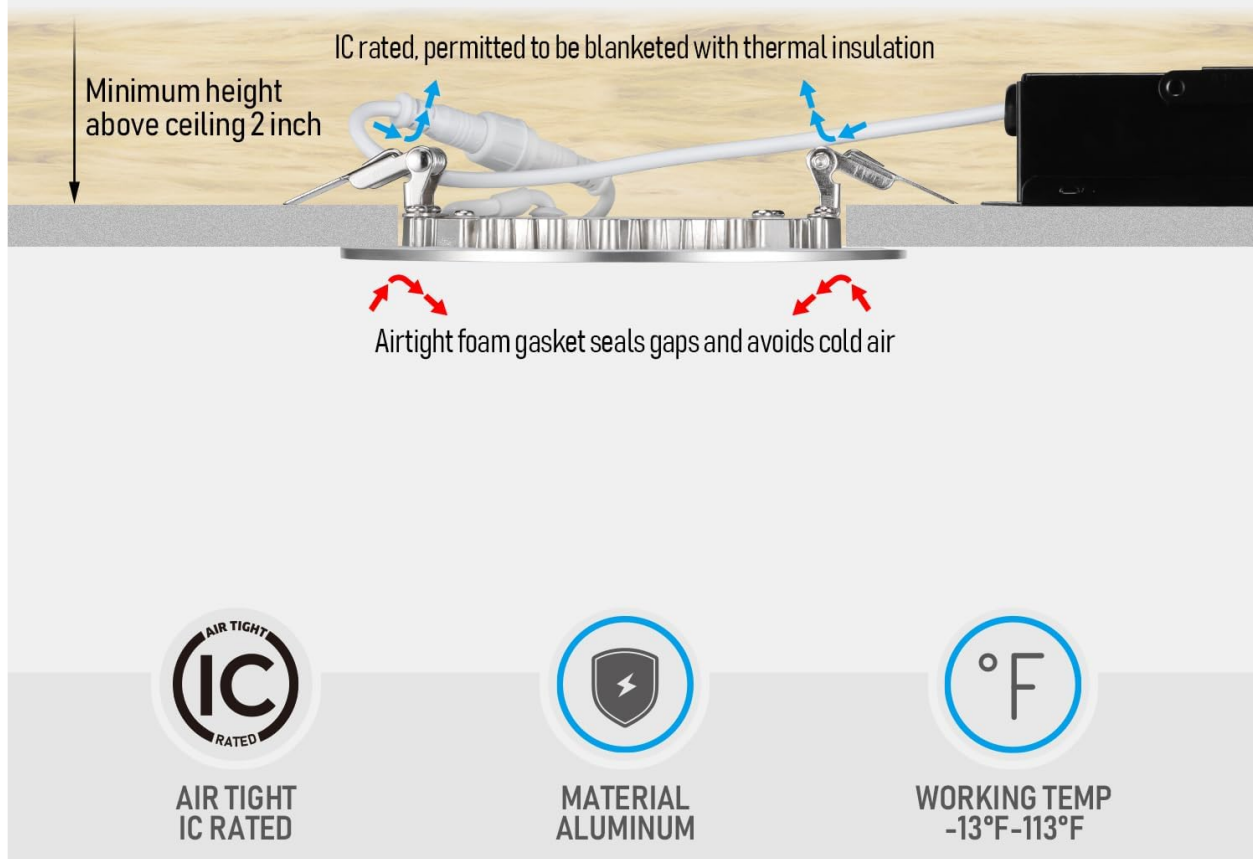


Image: Diagram illustrating the IC (Insulation Contact) rating, indicating safe installation directly against insulation, and the airtight foam gasket for energy efficiency. Also shows the aluminum material and working temperature range of -13°F to 113°F.

## 3. PRODUCT FEATURES

- **Energy-Efficient:** This LED recessed light is Energy Star certified, consuming only 10.5 watts while providing brightness equivalent to a 50W incandescent bulb. It features a high Color Rendering Index (CRI) of 90, accurately revealing the true colors of objects.
- **Dimmable:** Offers a dimming range from 5% to 100%, allowing for customizable ambiance.
- **Exquisite Craftsmanship:** Utilizes electroplating for a brilliant metallic sheen and enhanced resistance to corrosion and scratches.
- **Ultra-Thin Design:** The light body is only 0.39 inches thick, and the junction box is 1.23 inches, requiring just a 2-inch height for installation.
- **Durable Construction:** Crafted with an aluminum body for excellent heat dissipation and prolonged service life. Features heavy-duty clips and wire fasteners for secure installation.



Image: Visual representation of key product features including a Color Rendering Index (CRI) of 90, Luminous Flux of 680 Lumens, and a Beam Angle of 100 degrees.

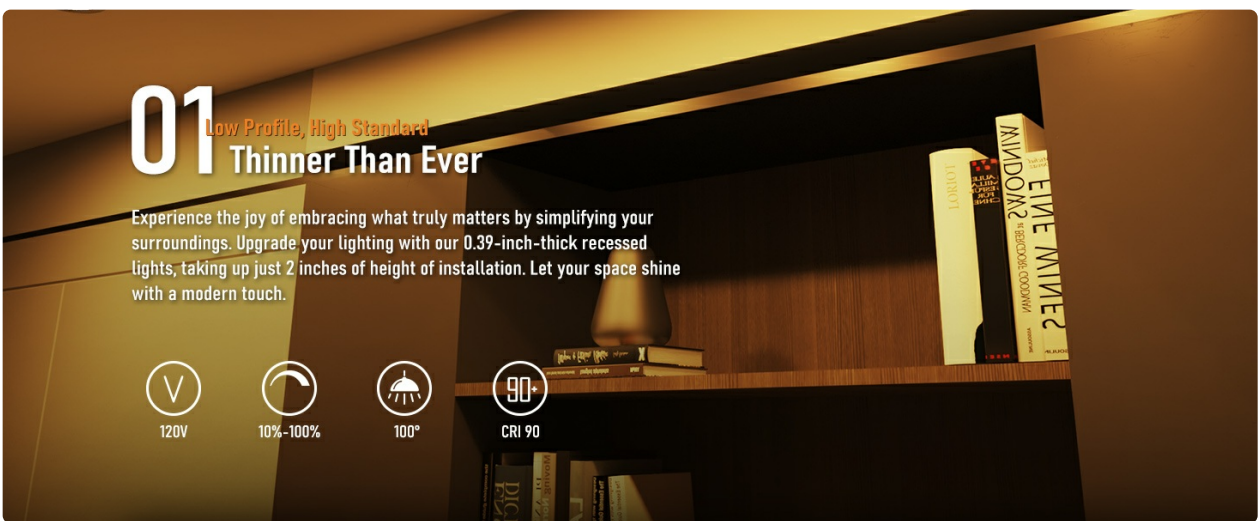


Image: Highlights the ultra-thin design (0.39-inch thickness) and minimal installation height requirement (2 inches). Also shows 120V voltage, 10-100% dimming range, 100-degree beam angle, and CRI 90.

## 02 **Premium Collection** **Slimmer, Safer, Stronger**

Not only does it feature the slimmest light body ever, it also boasts uncompromising quality with our all-metal construction. From the durable aluminum light body to the robust spring clips and driver box, every detail is meticulously designed to ensure long-lasting performance and the highest level of safety.



Image: Details the robust construction with push-in wire connectors, aluminum light body, long-lasting LED chips, and the ability to be blanketed with insulation.

### **4. SETUP & INSTALLATION**

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Installation is designed to be straightforward. The light comes with a compact junction box for easy wiring. Simply connect the junction box to the light and secure it to the ceiling using the all-metal spring clamps.

#### **Installation Steps:**

1. Ensure power is turned off at the circuit breaker before beginning installation.
2. Cut a hole in the ceiling with the recommended diameter (refer to specifications for exact cut-out size, typically around 4.25 inches for 4-inch models).
3. Connect the light fixture to the compact junction box using the quick-connect cable.
4. Wire the junction box to your household electrical supply using the push-in wire connectors. Ensure all connections are secure.
5. Insert the junction box into the ceiling hole.
6. Fold the spring clamps on the light fixture upwards and insert the light into the ceiling hole. The clamps will automatically secure the light to the ceiling.
7. Restore power and test the light.

# PRODUCT DIMENSION

Cut-out hole size:  $\phi$ 4.25inch (108mm)



Image: Detailed product dimensions, including the light body thickness (0.39 inches), junction box size, and recommended cut-out hole size (4.25 inches / 108mm).

# Full Metal Structure

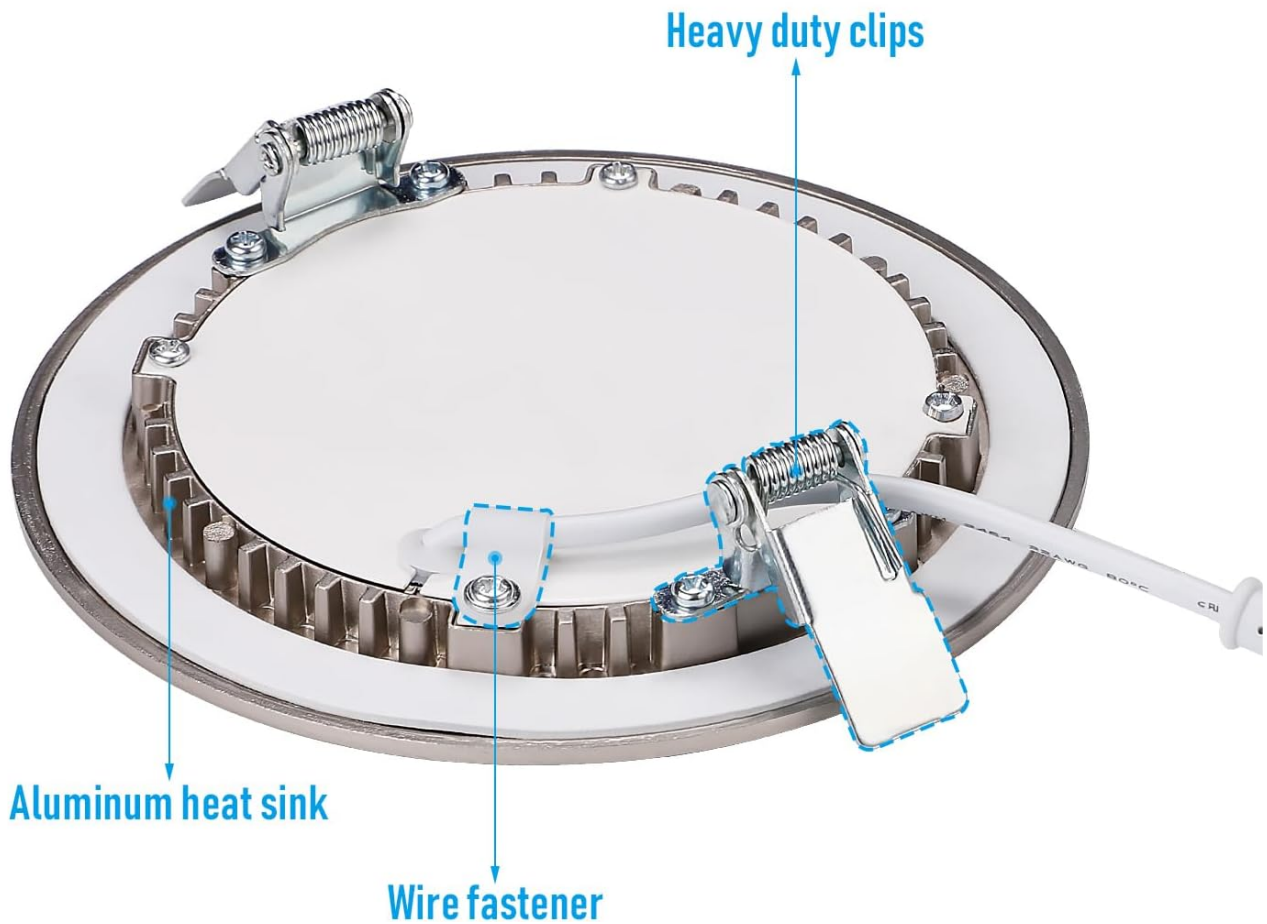


Image: Underside view of the light, highlighting its full metal structure, aluminum heat sink for efficient heat dissipation, heavy-duty clips for secure mounting, and a wire fastener.

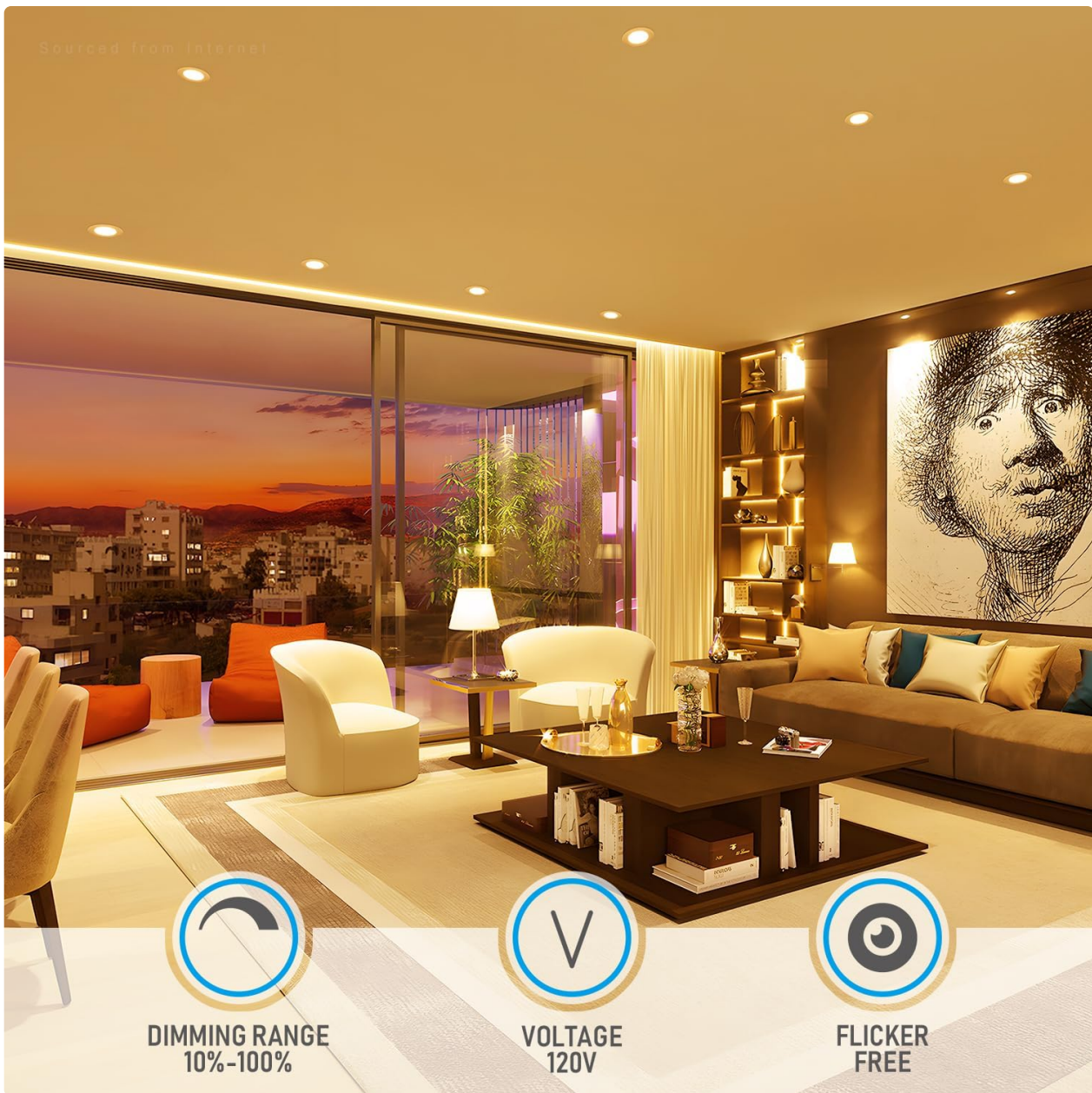
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Video: An official product video demonstrating the ultra-thin design, connection of the light to the junction box, and the simple installation process into a ceiling opening. It also highlights the IC rating and dimming capabilities.

## 5. OPERATING INSTRUCTIONS

These recessed lights are designed for simple operation via a standard wall switch. For dimming functionality, ensure you use a compatible dimmer switch (sold separately).

- **Power On/Off:** Use your wall switch to turn the lights on or off.
- **Dimming:** If connected to a compatible dimmer, adjust the dimmer switch to achieve your desired brightness level, from 5% to 100%.
- **Light Color:** This model provides a Soft White (2700K) light, ideal for creating a warm and inviting atmosphere.



## 6. MAINTENANCE

The TORCHSTAR E-Lite Series recessed lights require minimal maintenance. To ensure optimal performance and appearance:

- **Cleaning:** Periodically wipe the surface of the light with a soft, dry cloth to remove dust and debris. Avoid using abrasive cleaners or solvents, as these may damage the finish.
- **Inspection:** Occasionally check for any loose connections or visible damage. If any issues are observed, consult a qualified electrician.

## 7. TROUBLESHOOTING

If you encounter issues with your recessed lighting, consider the following common troubleshooting steps:

- **Light Not Turning On:** Check the circuit breaker to ensure power is supplied. Verify all electrical connections are secure within the junction box.
- **Flickering Light:** Ensure the dimmer switch, if installed, is compatible with LED lighting. Some non-LED

compatible dimmers can cause flickering. Check for loose wiring connections.

- **Reduced Brightness:** Confirm the dimmer setting is at 100% if full brightness is desired.

For persistent issues, please contact TORCHSTAR customer support or a qualified electrician.

## 8. SPECIFICATIONS

Attribute	Detail
Brand	TORCHSTAR
Model Name	XO1JDL-4D10WSSN27-V2-6P
Color	Soft White (2700K)
Material	Iron / Aluminum (Shade)
Product Dimensions (LxWxH)	5.33"L x 5.33"W x 0.39"H
Wattage	10.5 watts
Brightness	680 Lumen
Voltage	120 Volts
Color Temperature	2700 Kelvin
Lifespan	40,000 hours
Certifications	ETL, Energy Star, UL (for cords/plugs)
Installation Type	Ceiling Mount
Water Resistance Level	Waterproof (Wet location available)
Included Components	Pack of 6 lights

## 9. WARRANTY & SUPPORT

This TORCHSTAR product comes with a **3-year fixed warranty**. For warranty claims, technical support, or any inquiries regarding your product, please contact TORCHSTAR customer service directly.

For more information and support, you may visit the official TORCHSTAR store on Amazon: [TORCHSTAR Amazon Store](#)