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## Commercial Electric CER6730AWH27

# Commercial Electric T65 5-6 Inch White Recessed LED Trim

Model: CER6730AWH27 | Brand: Commercial Electric

## 1. PRODUCT OVERVIEW

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The Commercial Electric 5-inch and 6-inch Recessed LED Trim is designed for glare-free lighting in various indoor and outdoor settings. This ETL classified, high-efficiency, dimmable trim is Energy Star certified, promoting energy savings. It is compatible with most household dimmer switches for adjustable illumination and further energy reduction.

This LED trim is suitable for use with both 5-inch and 6-inch IC (Insulated Ceiling) and non-IC recessed housings. It can also retrofit existing 5-inch and 6-inch incandescent housings to energy-saving LED downlights. With an 11-Watt LED, it provides light output comparable to a BR30/65-Watt incandescent bulb. Its wet location rating makes it suitable for shower and exterior applications.



Image 1.1: Front view of the Commercial Electric T65 Recessed LED Trim.

## 2. SAFETY INFORMATION

**WARNING:** To avoid electric shock, ensure power is disconnected at the circuit breaker before installation or servicing. This product must be installed in accordance with the applicable installation codes by a person familiar with the construction and operation of the product and the hazards involved. Refer all servicing to qualified service personnel.

- Always turn off the main power supply at the circuit breaker before installing or performing any maintenance.
- Ensure all electrical connections are secure and comply with local and national electrical codes.
- Do not attempt to modify the product. Any modifications may void the warranty and create safety hazards.
- This product is designed for 120V AC circuits only.
- Do not install with wet hands or while standing on wet surfaces.
- This trim is rated for wet and damp locations, making it suitable for bathrooms and covered outdoor areas.
- IC rated for direct contact with insulation.



Image 2.1: Product packaging displaying important safety warnings and product features.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- 1 x Recessed LED Trim (Model CER6730AWH27)
- 1 x Medium Base Socket Adapter
- Instruction Sheet



Image 3.1: Product packaging showing the recessed LED trim and included components.

## 4. SPECIFICATIONS

Feature	Specification
Model Number	CER6730AWH27
Light Output (Lumens)	670 Lumens
Watts	11 Watts
Lumens per Watt (Efficacy)	60
Color Accuracy (CRI)	90
Light Color (CCT)	2700K (Soft White)
Dimming Range	10% to 100%
Rated Life	50,000 Hours
Housing Compatibility	5 in. and 6 in. IC and non-IC recessed housings
Location Rating	Wet and Damp Location
Air Tight Certification	ASTM E283-04
Voltage	120 Volts
UPC	046335979390



Image 4.1: Detailed Lighting Facts label for the product.

## 5. INSTALLATION INSTRUCTIONS

### 5.1 Pre-Installation

- **Tools Required:** Screwdriver, Wire Strippers (if needed).
- **Safety First:** Turn off power at the circuit breaker before starting.
- Ensure the existing recessed housing is compatible (5-inch or 6-inch).

### 5.2 Installation Steps

1. **Turn Off Power:** Locate the circuit breaker controlling the light fixture and turn it OFF.
2. **Remove Existing Bulb and Trim:** Carefully remove the existing light bulb and trim from the recessed housing.

3. **Install Socket Adapter:** Screw the provided medium base socket adapter into the existing light socket within the recessed housing.
4. **Connect LED Trim:** Connect the orange tabs (quick connectors) from the LED trim to the corresponding connector on the socket adapter. Ensure a secure connection.
5. **Insert Trim into Housing:** Gently push the LED trim up into the recessed housing. The torsion springs or friction clips on the trim will secure it in place. Ensure the trim sits flush with the ceiling.
6. **Restore Power:** Turn the power back ON at the circuit breaker.
7. **Test Functionality:** Test the light to ensure it operates correctly.



Image 5.1: View of the LED trim showing the torsion springs for secure installation into a recessed housing.

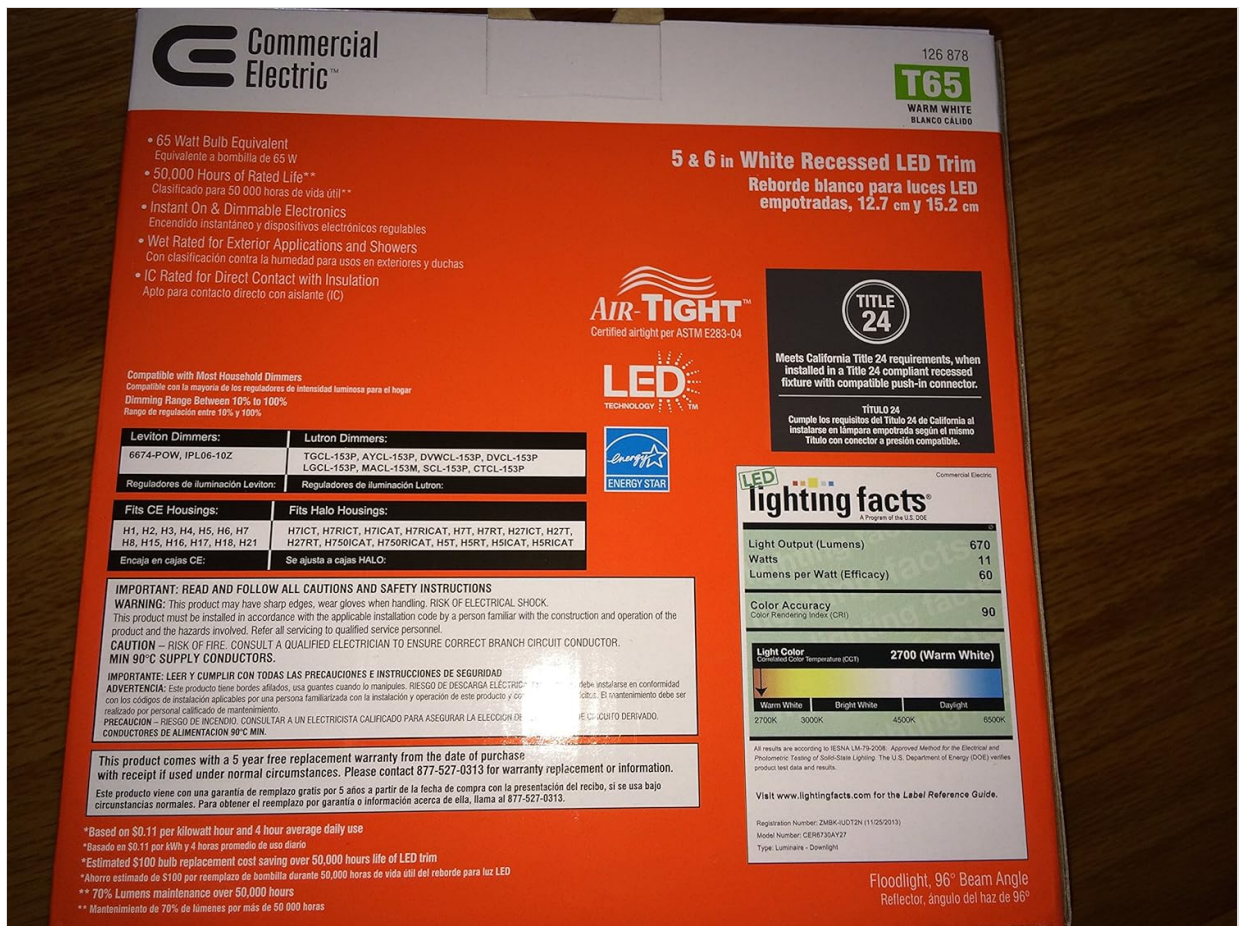


Image 5.2: Close-up of the LED trim with the medium base socket adapter and quick connector for electrical connection.

## 6. OPERATING INSTRUCTIONS

The Commercial Electric T65 Recessed LED Trim is designed for simple operation once installed.

- **Power On/Off:** Use your standard wall switch to turn the light fixture on or off.
- **Dimming Function:** This LED trim is dimmable from 10% to 100% with most household dimmers. For optimal performance, use dimmers compatible with LED lighting.
- **Light Color:** The trim provides a 2700K soft white light, which is ideal for creating a warm and inviting atmosphere.

### 6.1 Compatible Dimmers

The following dimmer models have been tested for compatibility:

- **Leviton Dimmers:** 6674-POW, IPL06-10Z
- **Lutron Dimmers:** TGCL-153P, AYCL-153P, DVWCL-153P, DVCL-153P, CTCL-153P, MACL-153M, CTCL-153P

## 7. MAINTENANCE

The Commercial Electric T65 Recessed LED Trim requires minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Wipe the trim with a soft, dry, or slightly damp 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 disassemble the unit.

- **Longevity:** With a rated life of 50,000 hours, this LED trim is designed for long-term, maintenance-free operation under normal conditions.

## 8. TROUBLESHOOTING

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If you experience issues with your LED trim, refer to the following common problems and solutions:

- **Light does not turn on:**
  - Check if the power is ON at the circuit breaker.
  - Ensure all electrical connections are secure, especially the quick connector and socket adapter.
  - Verify that the existing light socket is functional.
- **Light flickers or dims improperly:**
  - Ensure you are using a compatible LED dimmer. Refer to Section 6.1 for a list of tested dimmers.
  - Check for loose wiring connections.
  - Some dimmers require a minimum load; ensure enough LED trims are connected to the circuit if experiencing issues with a single unit.
- **Light is not flush with the ceiling:**
  - Ensure the torsion springs or friction clips are properly engaged with the recessed housing.
  - Verify that no wires are pinched or obstructing the trim's seating.

If problems persist after attempting these troubleshooting steps, contact customer support.

## 9. WARRANTY AND CUSTOMER SUPPORT

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This product comes with a **5-year free replacement warranty** from the date of purchase, provided with receipt and under normal circumstances. Please contact 1-877-527-0313 for warranty replacement or information.

For assistance or inquiries, you may also visit [HOMEDEPOT.COM](https://www.homedepot.com) or call the customer service number provided.



Image 9.1: Product packaging displaying manufacturer details, model number, and customer support contact information.