Commercial Electric 682131525289

Commercial Electric 5/6 Inch Integrated LED Color Changing Recessed Trim Downlight User Manual

Model: 682131525289

1. SAFETY INFORMATION

WARNING: This product may have sharp edges. Wear gloves when handling. Risk of electrical shock. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. Refer all servicing to qualified service personnel.

CAUTION: Risk of fire. Consult a qualified electrician to ensure correct branch circuit conductor.

Minimum Starting Temperature: -4°F (-20°C).

Image: Detailed product information and safety warnings, including electrical safety and minimum operating temperature.

2. PRODUCT OVERVIEW

The Commercial Electric 5 and 6-inch Integrated LED Downlight is designed to upgrade existing recessed can lights. It features energy-efficient LED technology and a color temperature (CCT) selection switch.

Key Features:

- **Brightness:** 700 lumens.
- **Compatibility:** Fits most 5 and 6-inch recessed housings.
- **Color Temperature Selection:** Adjustable from Warm White (2700K) to Daylight (5000K), including Soft White (3000K), Neutral White (3500K), and Bright White (4000K).
- **Energy Efficiency:** Uses 9-Watts, equivalent to a 65-Watt incandescent bulb.
- **Longevity:** Rated for 50,000 hours (approximately 34 years).
- **Dimmable:** Compatible with most dimmer switches.
- **Durability:** Shatter resistant and rated for wet locations.
- **Certification:** UL classified, Energy Star certified, 90 CRI.
- **Easy Installation:** Includes a medium (E26) socket base adapter.
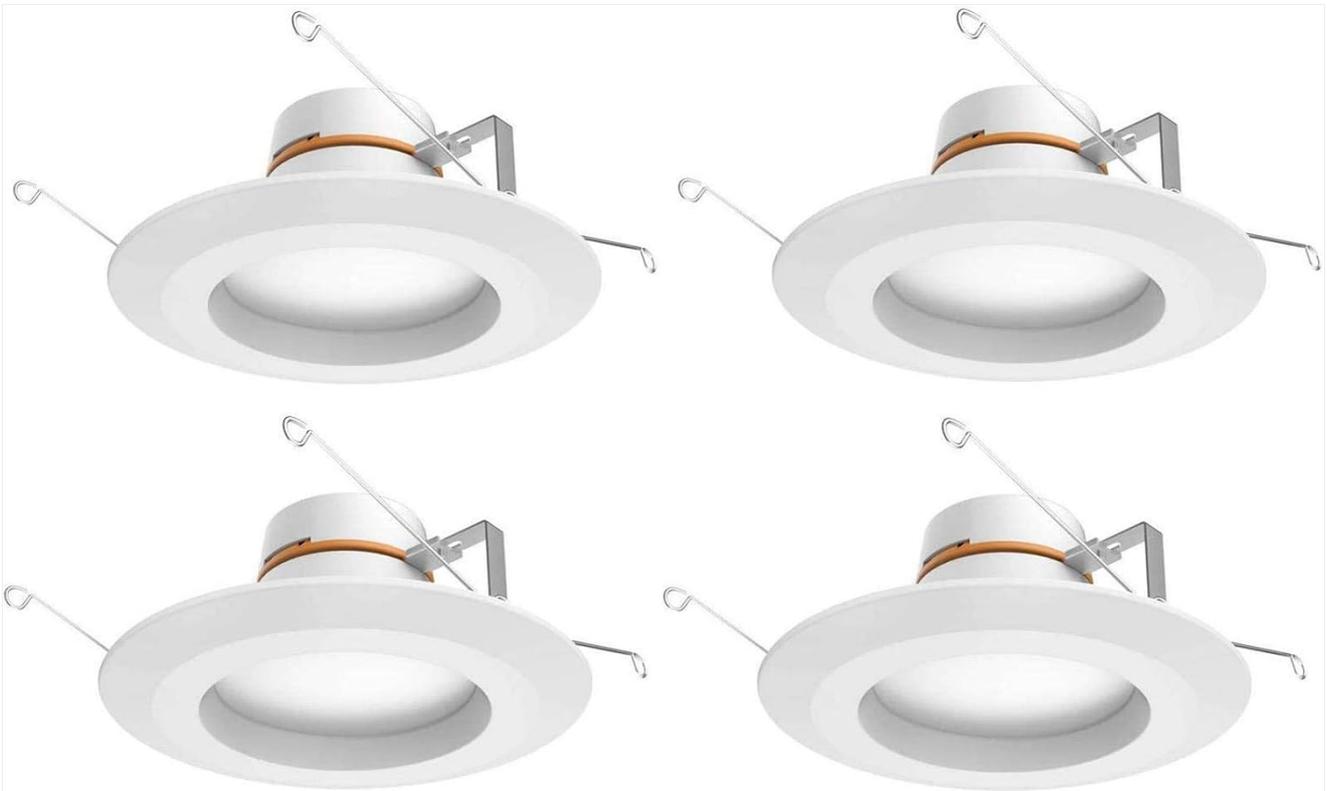
Image: Four individual Commercial Electric 5/6 inch integrated LED recessed trim downlights, showing their design.

Image: Product packaging for a 4-pack of Commercial Electric 5 & 6 inch LED Color Changing Recessed Trim, highlighting key features.

3. SETUP AND INSTALLATION

Before beginning installation, ensure power to the fixture is turned off at the circuit breaker.

Installation Steps:

1. **Screw Socket Adapter:** Screw the provided socket adapter into the existing recessed housing.
2. **Connect to LED Trim:** Connect the socket adapter to the LED trim.
3. **Adjust Color Temperature (CCT):** Before securing, adjust the color temperature using the integrated switch located on the back of the downlight. Select your preferred CCT from 2700K (Warm White) to 5000K (Daylight).
4. **Secure LED Trim:** Gently push and secure the LED trim inside the recessed housing until it is flush with the ceiling.

Image: Installation diagram illustrating the three steps: 1) Screw Socket Adapter into Housing and Connect to LED Trim, 2) Adjust Color of Light Using the Integrated Switch, 3) Secure LED Trim inside Housing. The CCT switch options are visible: Warm White (2700K), Soft White (3000K), Neutral White (3500K), Bright White (4000K), Daylight (5000K).
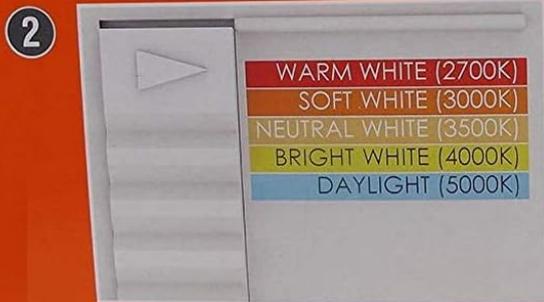
4. OPERATING INSTRUCTIONS

Color Temperature Selection:

The downlight features an integrated switch on the back that allows you to select your desired color temperature. This switch must be set *before* final installation. The available settings are:

- Warm White (2700K)
- Soft White (3000K)
- Neutral White (3500K)
- Bright White (4000K)
- Daylight (5000K)

Once installed, the color temperature cannot be changed without removing the fixture.

Dimming Functionality:

These LED downlights are dimmable and compatible with most standard dimmer switches. Ensure your dimmer switch is compatible with LED lighting for optimal performance.

5. MAINTENANCE

The Commercial Electric LED downlights are designed for long-term, maintenance-free operation.

- **Cleaning:** To clean the fixture, ensure power is off. Wipe the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **No Bulb Replacement:** These are integrated LED fixtures; there are no bulbs to replace.

6. TROUBLESHOOTING

If you experience issues with your LED downlight, refer to the following common solutions:

- **Light does not turn on:**
  - Check if the power switch is on.
  - Verify the circuit breaker is not tripped.
  - Ensure the socket adapter is securely screwed in and connected to the LED trim.

- **Light flickers or dims improperly:**
  - Confirm that your dimmer switch is compatible with LED lighting.
  - Ensure all connections are secure.

- **Incorrect color temperature:**
  - The CCT switch must be set before installation. If the color is not as desired, the fixture must be carefully removed to adjust the switch on the back.

If problems persist, contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Commercial Electric
Model Number	682131525289
Light Output	700 Lumens
Wattage	9 Watts
Efficacy	77.78 Lumens per Watt
Color Rendering Index (CRI)	90
Color Temperature (CCT) Options	2700K (Warm White), 3000K (Soft White), 3500K (Neutral White), 4000K (Bright White), 5000K (Daylight)
Lifetime	50,000 hours
Voltage	120 Volts
Bulb Base	E26 (adapter included)
Material	Aluminum, Plastic Shade
Installation Type	Flush Mount, Recessed

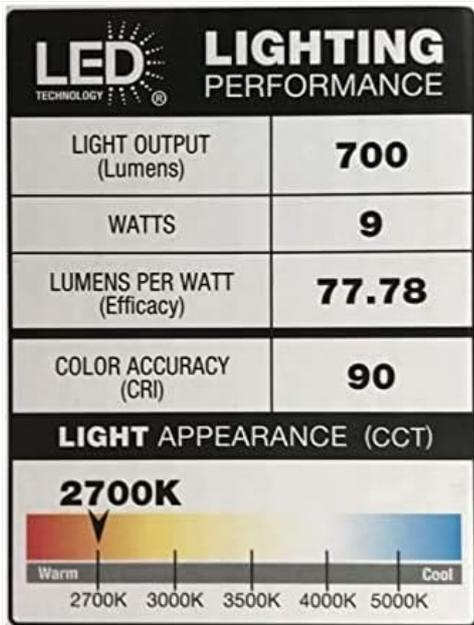| Feature	Specification
Special Features	Color Changing, Dimmable, Shatter Resistant
Water Resistance Level	Water Resistant (Rated for wet locations)
Product Dimensions	17"L x 13"W x 8"H (Packaging dimensions, individual unit dimensions not specified)
Item Weight	7.98 Pounds (for 8-pack)

Image: LED Lighting Performance label detailing specifications such as 700 lumens light output, 9 watts, 77.78 lumens per watt efficacy, 90 CRI, and a CCT range from 2700K to 5000K.

8. WARRANTY AND SUPPORT

Warranty:

This product comes with a **5-year warranty**. Please retain your proof of purchase for warranty claims.

Customer Support:

For assistance or further inquiries, please contact Commercial Electric customer service:

- **Phone:** 1-877-527-0313
- **UPC:** 682131525289

You can also scan the ME App for more product information.