

manuals.plus /

- › [Commercial Electric](#) /
- › [Commercial Electric 5/6 Inch Integrated LED Color Changing Recessed Trim Downlight User Manual](#)

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).

Commercial Electric™

1002 936 217
WHITE
BLANCO

5 & 6 in LED Color Changing Recessed Trim
INCLUDES:
• Four (4) LED Downlights with Color Changing Technology
• Four (4) Medium Base Socket Adapters
• Eight (8) Friction Clips

T24
Can be used to comply with California Title 24 High Efficacy requirements

LED LIGHTING PERFORMANCE	
LIGHT OUTPUT (Lumens)	700
WATTS	9
LUMENS PER WATT (Efficacy)	77.78
COLOR ACCURACY (CRI)	90
LIGHT APPEARANCE (CCT)	
2700K	

Dimming range between 10% to 100%. Compatible with most household dimmers and remodel or new construction recessed housings. For an up-to-date list of compatible dimmers and housings, look up the item number at [homedepot.com](#).

Regulación de intensidad luminosa entre 10% y 100%. Compatible con la mayoría de los reguladores domésticos y carcacas empotradas en construcciones nuevas o remodeladas. Para una lista actualizada de reguladores y carcacas compatibles, consultar el número de artículo en [homedepot.com](#).

IMPORTANT: READ AND FOLLOW ALL CAUTIONS AND SAFETY INSTRUCTIONS
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.

IMPORTANTE: LEY CUMPLE TODAS LAS INSTRUCCIONES DE SEGURIDAD Y PRECAUCIONES
ADVERTENCIA: ESTE PRODUCTO TIENE BORDES AFILADOS. USA GANTES CUANDO LO MANIPULES. RIESGO DE DESCARGA ELÉCTRICA. ESTE PRODUCTO TIENE QUE SER INSTALADO DE CONFORMIDAD CON LOS CÓDIGOS PERTINENTES POR UNA PERSONA FAMILIARIZADA CON LA CONSTRUCCIÓN Y OPERACIÓN DEL PRODUCTO Y CON LOS RIESGOS IMPLICITOS. EL MANTENIMIENTO DEBE DEJARSE EN MANOS DE PERSONAL CALIFICADO.

PRECAUCIÓN – RIESGO DE INCENDIO. CONSULTAR A UN ELECTRICISTA CALIFICADO PARA ASEGURAR LA ELECCIÓN CORRECTA DEL CONDUCTOR DE CIRCUITO DERIVADO.

Minimum Starting Temperature -4°F (-20°C)
Temperatura mínima de encendido -4°F (-20°C)

5-YEAR PRODUCT WARRANTY
5 AÑOS DE GARANTÍA PARA EL PRODUCTO

*Based on \$0.11 per kilowatt hour and 4 hours average daily use.
**Compared to (1) 65 W incandescent with typical rated life of 1,000 hours versus integrated LED rated life of 50,000 hours.
***70% Lumens maintenance over 50,000 hours.
†††No visible flicker at dimming level = 10% using compatible dimmers.
No audible noise at distance > 1m using compatible dimmers.

*Basado en \$0.11 por kWh y 4 horas promedio de uso diario.
**Al compararse una bombilla incandescente de 65 W con una vida útil típica de 1 000 horas con una LED integrada de vida útil de 50 000 horas.
†††Mantenimiento de 70% de lumen por más de 50 000 horas.
†††Sin parpadeo visible a un nivel de reducción de intensidad de la luz inferior a 10% al utilizar dimmer compatible.

CLASSIFIED
UL US

SCAN ME
with The Home Depot App for more product information.
ESCANÉAME con The Home Depot App para obtener más información acerca del producto.

RECYCLE
Recicla

MADE IN CHINA
HECHO EN CHINA

DISTRIBUTED BY:
DISTRIBUIDO POR:
HOME DEPOT
2455 PACES FERRY ROAD
ATLANTA, GA 30339

FOR ASSISTANCE CALL:
SI NECESITA AYUDA, LLÁMENE AL:
1-877-527-0313
WWW.HOMEDEPOT.COM

MODEL/MODELO:
NS01cA09FR2-259

1 52868 00036 1

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.

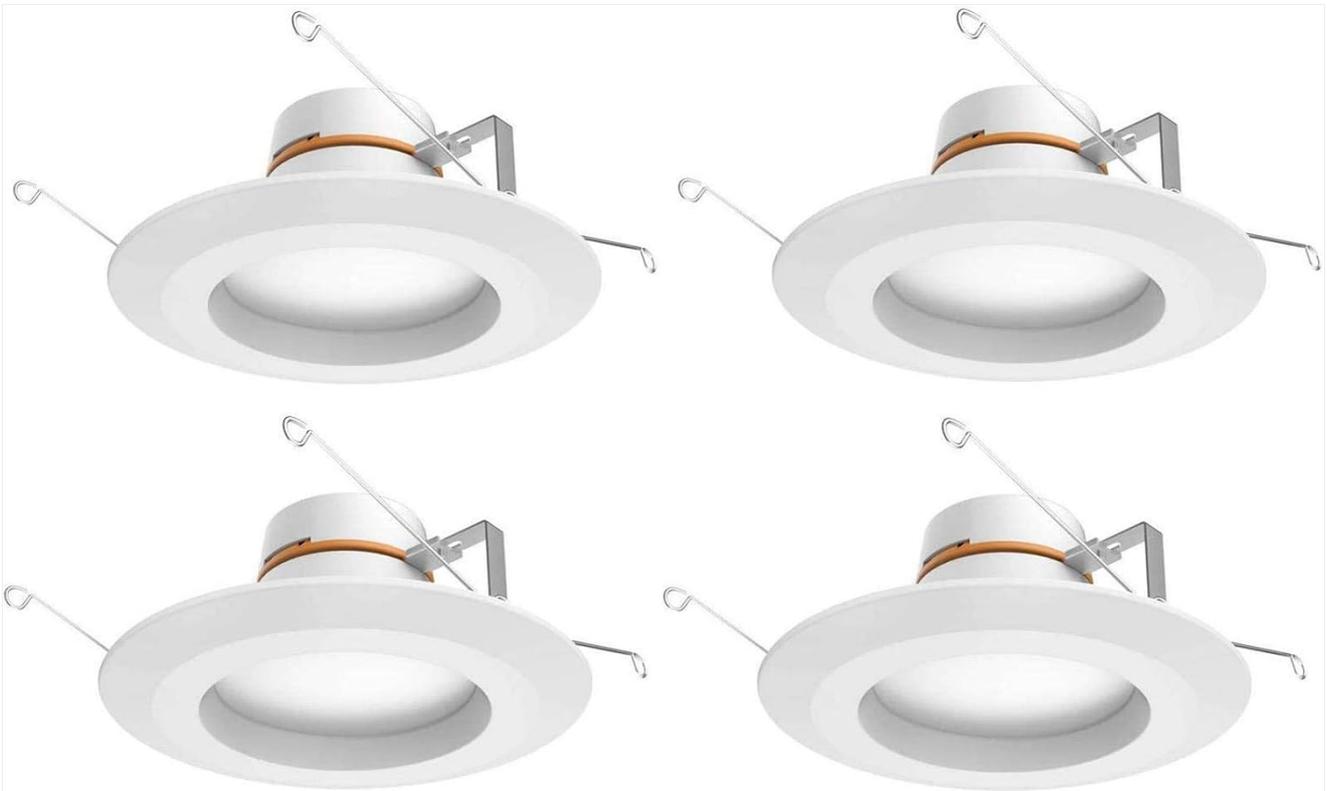


Image: Four individual Commercial Electric 5/6 inch integrated LED recessed trim downlights, showing their design.

4 Pack - 5 & 6 in LED Color Changing Recessed Trim

- Lasts 50X Longer than Incandescent*
- 65 Watt Bulb Replacement 120 Volts / 9 Watts
- Fits Most 5 & 6 in Recessed Housings
- Dimming to 10% Without Buzzing or Flickering^{††}
- Instant On
- 90 CRI
- Dura 50 veces más que las incandescentes*
- Bombilla de repuesto de 65 W 120 V / 9 W
- Se ajusta a casi todas las carcasas empotradas de 12.7 y 15.2 cm
- Intensidad regulable de hasta 10% sin zumbidos ni parpadeos^{††}
- Encendido instantáneo
- 90 CRI

INTEGRATED
LED
TECHNOLOGY

No necesita mantenimiento,
las luces brillan más
intensamente** y dura
hasta 34 años*

NO REQUIERE BOMBILLAS



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

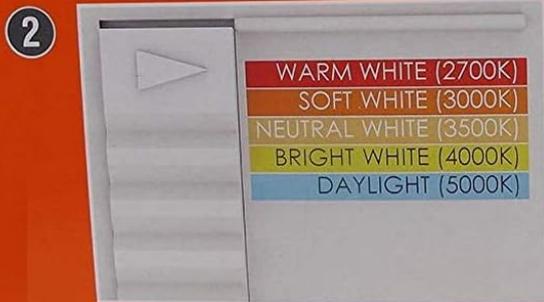
Before beginning installation, ensure power to the fixture is turned off at the circuit breaker.

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.

EASY INSTALLATION

1 Screw Socket Adapter into Housing and Connect to LED Trim



Before Installation, Adjust Color of Light Using the Integrated Switch

3 Secure LED Trim inside Housing



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)

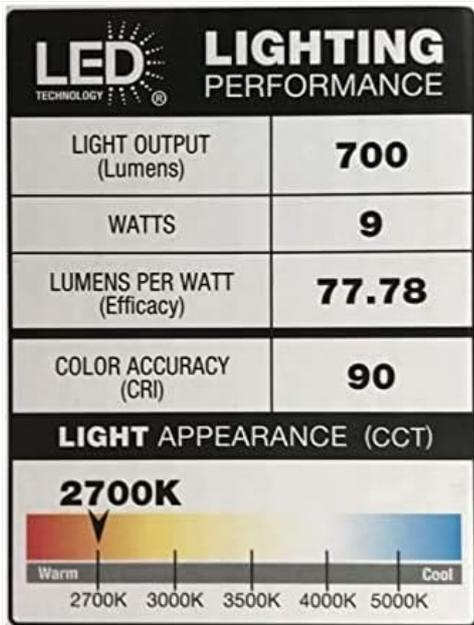


Image: LED Lighting Performance label detailing specifications such as 700 lumens light output, 9 watts, 77.78 lumens per watt efficacy, 90 CRI, and a CCT range from 2700K to 5000K.

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.