

Commercial Electric 53804101

Commercial Electric 6-inch White Integrated LED Recessed Downlight with Nightlight Trim - Instruction Manual

Model: 53804101

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Commercial Electric 6-inch White Integrated LED Recessed Downlight with Nightlight Trim. This innovative fixture offers multiple lighting options, including five selectable color temperatures and a soft amber nightlight feature. Please read these instructions thoroughly before installation and retain them for future reference.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing. Improper installation can lead to electric shock or fire.

- Ensure all electrical connections comply with local codes and ordinances, as well as the National Electric Code (NEC).
- If you are unfamiliar with electrical wiring, consult a qualified electrician.
- Do not install this fixture with wet hands or while standing on wet or damp surfaces.
- This product is designed for 120V AC circuits.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create a safety hazard.
- Suitable for wet locations, including exterior applications and showers.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Integrated LED Recessed Downlight with Nightlight Trim (Quantity as purchased, e.g., 3 units)
- E26 Adapter (pre-attached or included for each unit)

- Instruction Manual (this document)



Image 1: Three Commercial Electric 6-inch White Integrated LED Recessed Downlights. Each unit features a white trim, a central LED light source, and an attached E26 screw-in adapter with wiring for easy connection to existing recessed can fixtures.

4. SPECIFICATIONS

Brand	Commercial Electric
Model Number	53804101
Fixture Type	Integrated LED Recessed Downlight with Nightlight Trim
Size	6 inch
Color	White
Material	Copper (Shade Material)
Light Source Type	LED
Wattage	11 Watts
Brightness	670 Lumens
Voltage	120V AC
Color Temperatures	2700K (Warm White), 3000K (Soft White), 3500K (Cool White), 4000K (Bright White), 5000K (Daylight)
Nightlight Color	Amber
Indoor/Outdoor Usage	Outdoor (Wet Rated)
Installation Type	Remodel
Control Method	Toggle Switch (for CCT selection), Wall Switch (for Nightlight activation)

5. SETUP AND INSTALLATION

This fixture is designed for easy installation into existing 6-inch recessed can housings. It is a remodel-type installation.

1. **Turn Off Power:** Before starting, ensure the power to the recessed lighting circuit is turned off at the circuit breaker or fuse box.
2. **Remove Existing Trim and Bulb:** Carefully remove the existing trim and light bulb from the recessed can housing.
3. **Select Color Temperature (CCT):** Locate the CCT selection switch on the back of the LED downlight fixture. Choose your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K) by sliding the switch to the corresponding setting. This setting must be chosen before installation.
4. **Connect E26 Adapter:** Screw the E26 adapter (attached to the downlight) into the existing socket within the recessed can.
5. **Secure Fixture:** Gently push the LED downlight into the recessed can housing until the spring clips firmly hold it in place against the ceiling. Ensure the trim is flush with the ceiling surface.
6. **Restore Power:** Turn the power back on at the circuit breaker.

6. OPERATING INSTRUCTIONS

6.1. Downlight Mode

Once installed, the downlight will illuminate in the pre-selected color temperature when the wall switch is turned on. You can choose from five color temperatures:

- **2700K:** Warm White
- **3000K:** Soft White
- **3500K:** Cool White
- **4000K:** Bright White
- **5000K:** Daylight

The color temperature is set using the switch on the back of the fixture prior to installation.

6.2. Nightlight Mode

To activate the nightlight feature, which provides a soft amber glow from the trim ring, follow these steps:

1. Ensure the downlight is currently on in its standard mode.
2. Quickly turn the wall switch OFF and then back ON again.
3. The fixture will now illuminate with the amber nightlight.

To return to standard downlight mode, repeat the OFF-ON toggle of the wall switch.

7. MAINTENANCE

This Commercial Electric LED Recessed Downlight is designed to be maintenance-free. It features integrated LEDs, meaning there are no bulbs to replace. To clean the fixture, ensure power is off, then wipe with a soft, dry or slightly damp cloth. Do not use abrasive cleaners or solvents.

8. TROUBLESHOOTING

- **Light does not turn on:**
 - Check that the power supply is connected and the wall switch is in the ON position.
 - Verify that the circuit breaker is not tripped.

- Ensure the E26 adapter is securely screwed into the socket.
- Confirm that the electrical connections are secure.
- **Light flickers:**
 - Check for loose wiring connections.
 - Ensure the fixture is compatible with any dimmer switches in use (if applicable, though not explicitly stated as dimmable, general troubleshooting).
- **Nightlight mode does not activate:**
 - Ensure you are performing a quick OFF-ON toggle of the wall switch.

If issues persist, contact customer support.

9. WARRANTY AND SUPPORT

For warranty information or technical assistance, please contact Commercial Electric customer support. Refer to your purchase documentation for specific warranty terms and contact details.