

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Signify](#) /
- › [Signify Lightolier LED Flat Downlight FD3R4ESCT1W Instruction Manual](#)

Signify FD3R4ESCT1W

Signify Lightolier LED Flat Downlight Instruction Manual

Model: FD3R4ESCT1W

1. INTRODUCTION

Thank you for choosing the Signify Lightolier LED Flat Downlight. This 3-inch round, 400 lumen, 8-watt LED fixture is designed for recessed installation and features a wafer-thin profile, making it suitable for various ceiling applications. It offers field-selectable color temperatures (2700K, 3000K, 3500K, 4000K, 5000K) and is compatible with TRIAC dimming systems, providing versatile lighting options for your space. Please read this manual thoroughly before installation and operation to ensure safe and proper use.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing. All electrical connections must be in accordance with local and National Electrical Code (NEC) standards. If you are unfamiliar with proper electrical wiring connections, consult a qualified electrician.

- Do not install in wet locations. This product is intended for indoor use only.
- Ensure the supply voltage is 120V AC.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create a safety hazard.
- Handle with care. Avoid dropping the fixture.
- Keep away from flammable materials.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LED Light Fixture

4. SPECIFICATIONS

Brand	Signify
Model Number	FD3R4ESCT1W
Wattage	8 watts

Lumen Output	400 lumens
Voltage	120 Volts
Color Temperature	Field Selectable (2700K, 3000K, 3500K, 4000K, 5000K)
Dimming	TRIAC Dimming
Fixture Form	Ceiling (Recessed)
Product Dimensions	5"L x 6"W x 6"H (Overall packaging/fixture size)
Depth	0.5 inch (Wafer Thin)
Indoor/Outdoor Usage	Indoor

Lighting Facts

Lighting Facts Per Bulb

Brightness **400 lumens**

Estimated Yearly Energy Cost **\$0.96**
Based on 3 hrs/day, 11¢/kWh
Cost depends on rates and use

Life **45.7 years**
Based on 3 hrs/day

Light Appearance

Warm Cool

5000 K

Energy Used **8 watts**

This image displays the Lighting Facts label, indicating a brightness of 400 lumens, an estimated yearly energy cost of \$0.96 (based on 3 hrs/day, 11¢/kWh), a life expectancy of 45.7 years (based on 3 hrs/day), a light appearance range from Warm to Cool with a default of 5000K, and an energy usage of 8 watts.

5. SETUP AND INSTALLATION

IMPORTANT: Before starting installation, ensure the power supply to the installation area is turned OFF at the circuit breaker or fuse box.

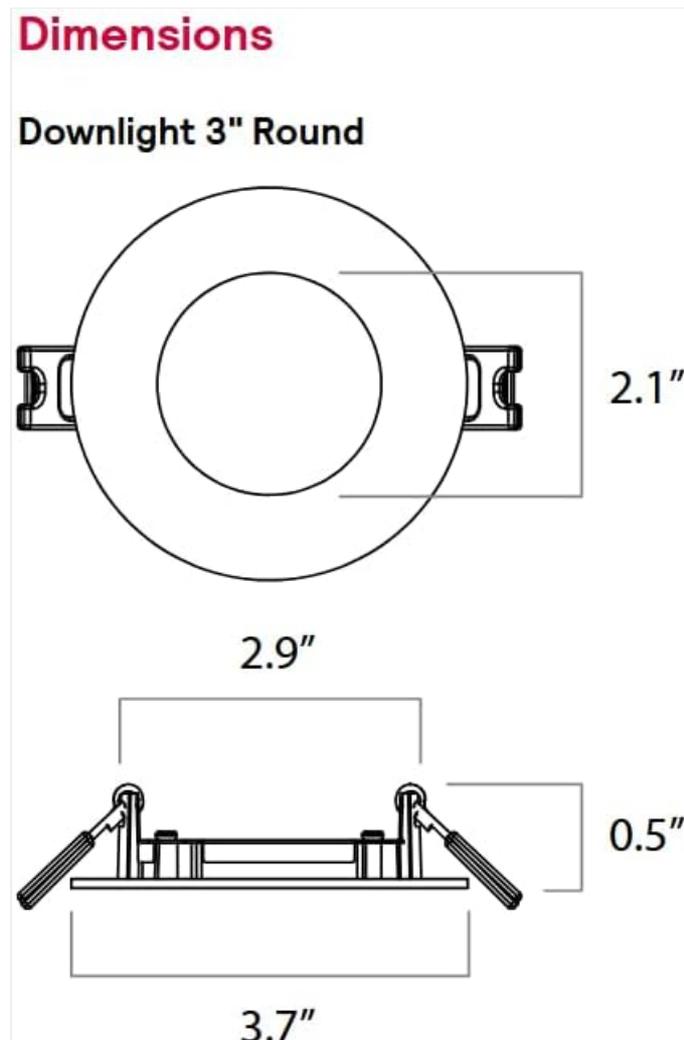
Installation Steps:

- 1. Prepare the Opening:** Cut a circular hole in the ceiling according to the fixture's required cutout size. Refer to the dimensions diagram below for precise measurements. The fixture is designed for a 3-

inch round opening.

- 2. Connect Wiring:** Connect the electrical wires from the ceiling to the fixture's junction box. Ensure proper polarity: black to black (live), white to white (neutral), and green/bare copper to green (ground). Secure all connections with wire nuts.
- 3. Insert Fixture:** Gently push the spring clips on the sides of the downlight upwards and insert the fixture into the ceiling opening. The clips will spring back down to secure the fixture in place. Ensure the fixture is flush with the ceiling surface.
- 4. Restore Power:** Once the fixture is securely installed and all connections are checked, restore power at the circuit breaker.

Product Dimensions:



This diagram illustrates the physical dimensions of the 3-inch round LED flat downlight. It shows a total height of 2.1 inches, a visible diameter of 2.9 inches, a wafer-thin depth of 0.5 inches, and an overall width of 3.7 inches including the mounting clips.

6. OPERATING INSTRUCTIONS

Color Temperature Selection:

This LED downlight features a field-selectable color temperature. Before final installation or after removing the fixture, locate the small switch on the side or back of the fixture. This switch allows you to choose from five color temperature options:

- **2700K:** Warm White
- **3000K:** Soft White
- **3500K:** Neutral White

- **4000K:** Cool White
- **5000K:** Daylight

Select your desired color temperature by sliding the switch to the corresponding setting. Once set, install the fixture as described in the Setup section.

Dimming Function:

The Signify Lightolier LED Flat Downlight is compatible with most standard TRIAC (forward-phase) dimmers. For optimal performance and to avoid flickering or buzzing, ensure you use a dimmer specifically designed for LED lighting. Consult your dimmer's instructions for proper installation and operation.

7. MAINTENANCE

The LED Flat Downlight requires minimal maintenance. To clean the fixture:

- Ensure power is disconnected at the circuit breaker before cleaning.
- Wipe the surface of the fixture with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- There are no user-serviceable parts inside the fixture. Do not attempt to open or repair it.

8. TROUBLESHOOTING

- **Light does not turn ON:**
 - Check if the power supply is connected and the circuit breaker is ON.
 - Verify all wire connections are secure and correct.
 - Ensure the light switch is in the ON position.
- **Light flickers or dims improperly:**
 - Ensure you are using an LED-compatible TRIAC dimmer.
 - Check for loose wire connections.
 - The dimmer may be incompatible or overloaded. Consult the dimmer manufacturer's specifications.
- **Incorrect color temperature:**
 - Verify the color temperature selection switch on the fixture is set to your desired option.

9. WARRANTY AND SUPPORT

This Signify Lightolier LED Flat Downlight is backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Signify website. For technical support, troubleshooting assistance, or warranty claims, please contact Signify customer service directly.

Manufacturer: SIGNIFY