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SCON SDT15

SCON SDT15 Recessed LED Step Light User Manual

Model: SDT15 | Brand: SCON

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SCON SDT15 Recessed LED Step Light. This 2W LED rectangular skirting wall light is designed for indoor use, providing 3000K warm white illumination for areas such as hallways, stairways, bedrooms, and dining rooms. Please read these instructions carefully before installation and retain them for future reference.



Image 1.1: SCON SDT15 Recessed LED Step Light in a stairway setting.

2. SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury to persons, follow these instructions:

- Always disconnect power at the circuit breaker before installing or servicing the fixture.
- Installation must be performed by a qualified electrician in accordance with all local electrical codes.
- Do not install in wet locations. This product is designed for indoor use only.
- Ensure all electrical connections are secure and properly insulated.
- Do not modify the fixture. Any modifications may void the warranty and create a safety hazard.
- Handle the light fixture with care to avoid damage.

3. PRODUCT FEATURES

- **Compact Design:** Mini LED nightlight, ideal for discreet illumination in various indoor spaces.
- **Easy Installation:** Designed for straightforward installation, potentially reducing the need for professional assistance.
- **Rectangular Skirting Design:** Blends seamlessly into wall structures, providing ambient light without protruding.
- **High-Quality LED:** Features a 2-watt LED, offering sufficient warm white light (3000K) for stairs, hallways, bedrooms, and dining rooms, with energy efficiency and a long lifespan.
- **Reliable Certification:** UL/FCC certified, ensuring energy efficiency and product reliability.

4. SPECIFICATIONS

Parameter	Value
Brand	SCON
Model Name	SDT15
Color Temperature	3000K Warm White
Material	Aluminum, Metal
Wattage	2 Watts
Brightness	125 Lumens
Voltage	120 Volts (AC)
Product Dimensions	8.66"L x 1.73"W x 1.73"H
Installation Type	Flush Mount
Indoor/Outdoor Usage	Indoor Use Only
Certifications	UL/FCC Certified



<i>Name</i>	<i>Model</i>	<i>Power</i>	<i>Chip</i>	<i>CRI</i>	<i>CCT</i>	<i>Color</i>
<i>Parameter</i>	<i>SDT15</i>	<i>2W</i>	<i>OSRAM</i>	<i>93</i>	<i>3000K</i>	<i>Warm White</i>

Image 4.1: Detailed product specifications for the SCON SDT15.

5. PACKAGE CONTENTS

The SCON SDT15 Recessed LED Step Light package includes:

- 1 x SCON SDT15 Recessed LED Step Light fixture
- Installation kit (includes necessary mounting hardware)

6. INSTALLATION INSTRUCTIONS

Important: Ensure power is disconnected at the circuit breaker before beginning installation. If you are unsure about electrical wiring, consult a qualified electrician.

6.1 Required Tools (Not Included)

- Drill or cutting tool for wall opening

- Screwdriver
- Wire strippers
- Electrical tape or wire connectors

6.2 Installation Steps

1. Prepare the Wall Opening:

Carefully mark and cut an opening in the wall. The recommended hole size is approximately **7.7 inches (195 mm) in length, 1.8 inches (45 mm) in width, and 2.2 inches (55 mm) in depth**. Ensure there is sufficient space behind the drywall for the fixture's metal box (approximately 1.75 inches deep) to be securely mounted to a stud or backing material.



Image 6.1: Product and Hole Dimensions.

2. Wiring Connections:

Pull the electrical wires through the wall opening. Connect the fixture's wires to your household wiring. The fixture uses a Brown wire for Live (L) and a Blue wire for Neutral (N). If your household wiring uses standard USA colors, connect the fixture's Brown wire to the Black (Live) wire and the fixture's Blue wire to the White (Neutral) wire. Ensure any ground wire (often Yellow with a Green stripe on the fixture, Green or bare copper in household wiring) is properly connected.

Your browser does not support the video tag.

Video 6.1: This video demonstrates the general installation process for the recessed step light, including preparing the wall and making electrical connections. It shows the light being installed into a pre-cut wall opening and then connected

to power.

3. Secure the Fixture:

Once wired, carefully insert the fixture's metal housing into the wall opening. Secure it using the provided installation kit, ensuring it is flush with the wall surface. The fixture is designed to slide into and clip into its back box.



Image 6.2: Recessed installation of the step light.

4. Finish the Installation:

After securing the fixture, you may need to apply plaster or drywall compound around the edges to achieve a seamless, trimless finish. Allow to dry and paint as necessary.

7. OPERATION

The SCON SDT15 Recessed LED Step Light operates via a standard wall switch (not included). Once installed and power is restored, the light will turn on when the connected switch is activated. This model is not dimmable.

Your browser does not support the video tag.

Video 7.1: This video demonstrates the SCON Recessed LED Step Light in various indoor settings, showcasing its warm illumination on stairs and hallways.

8. MAINTENANCE

- **Cleaning:** To clean the fixture, ensure power is off. Use a soft, dry cloth to wipe away dust. For stubborn marks, a slightly damp cloth can be used, but avoid abrasive cleaners or excessive moisture.
- **LED Lifespan:** The integrated LED has a long lifespan and does not require replacement under normal operating conditions.
- **Dust Accumulation:** Periodically check the light opening for dust accumulation, which can be removed with a vacuum nozzle or soft brush.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture; loose wiring; faulty switch.	Check circuit breaker. Verify all wiring connections are secure. Test the wall switch.
Inconsistent light color/brightness.	Manufacturing variation (if multiple units); electrical fluctuation.	Ensure all units are from the same batch if possible. If a single unit, contact customer support. Ensure stable power supply.
Light flickers.	Loose wiring; incompatible dimmer (this model is not dimmable); power supply issue.	Check wiring connections. Ensure no dimmer switch is used. Consult an electrician to check power supply.

10. WARRANTY AND SUPPORT

The SCON SDT15 Recessed LED Step Light comes with a **Limited Warranty**. For specific details regarding warranty coverage, claims, or technical support, please refer to the warranty card included with your product or contact SCON customer service directly. You can typically find contact information on the manufacturer's website or through your point of purchase.