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› HALO RL6LS9FSD2W1EWHDM 6-Inch Canless LED Recessed Light Instruction Manual

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HALO RL6LS9FSD2W1EWHDM 6-Inch Canless LED Recessed Light Instruction Manual

Model: RL6LS9FSD2W1EWHDM

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your HALO RL6LS9FSD2W1EWHDM 6-inch Canless LED Recessed Ceiling Light. Please read all instructions carefully before beginning installation and retain this manual for future reference.

The HALO RL series offers a versatile lighting solution with selectable color temperatures and lumen outputs, designed for both indoor and outdoor wet locations. Its canless design simplifies installation by eliminating the need for traditional recessed housing or junction boxes.

2. SAFETY INFORMATION

- **WARNING:** Risk of fire or electrical shock. Installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Disconnect power at the fuse or circuit breaker before installing or servicing.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Suitable for wet locations.
- IC Rated for direct contact with insulation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- HALO RL 6-inch Canless LED Recessed Light Fixture
- Remote Driver/Junction Box
- Instruction Manual

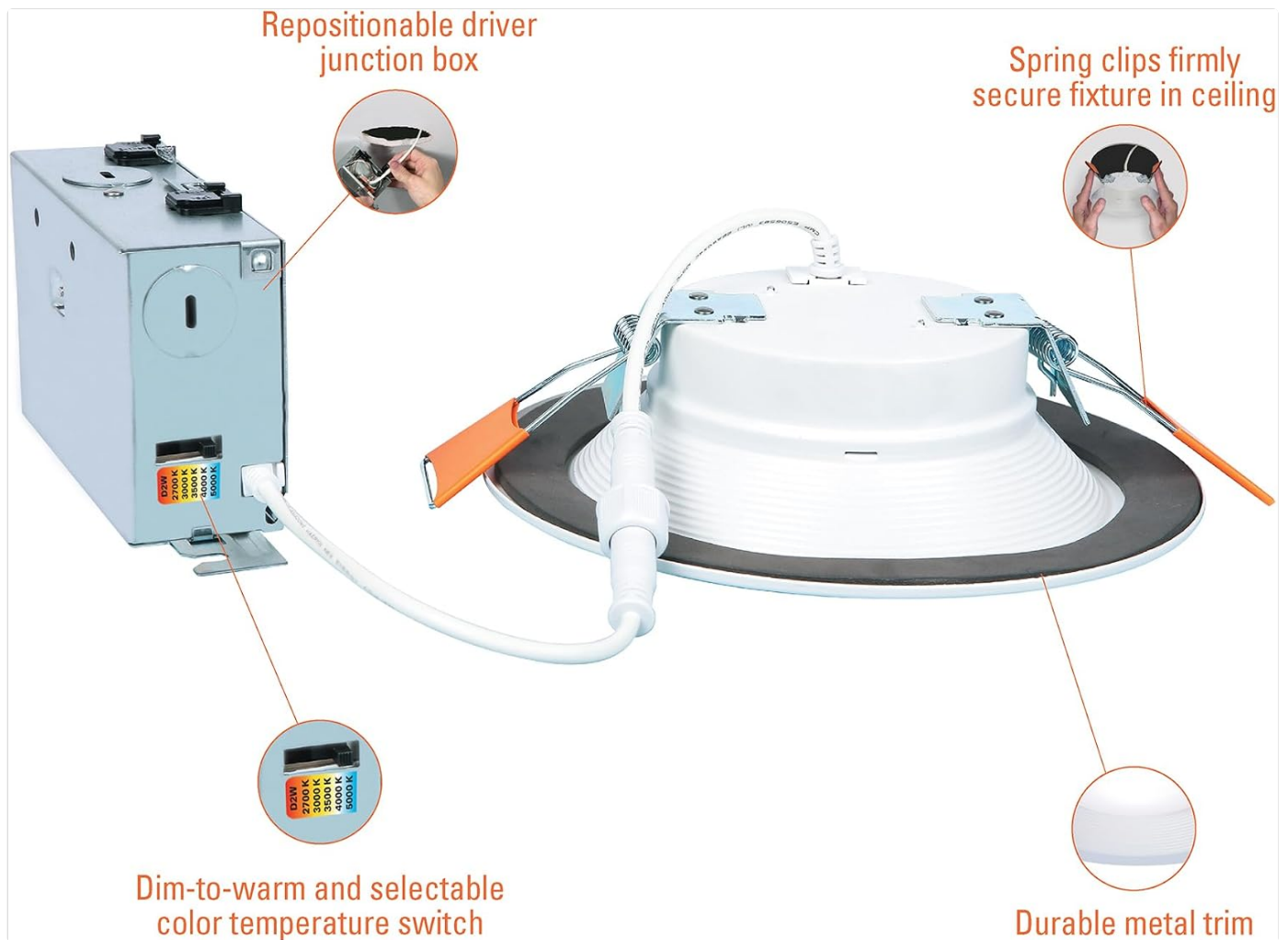


Figure 1: Components of the HALO RL 6-inch Canless LED Recessed Light. The image shows the light fixture with spring clips and a connected cable leading to the remote driver junction box. Labels indicate the repositionable driver junction box, dim-to-warm and selectable color temperature switch, spring clips to secure the fixture, and durable metal trim.

4. SETUP & INSTALLATION

The HALO RL canless design simplifies installation, requiring no recessed housings or J-boxes. It is suitable for new construction, remodel, and retrofit projects.

4.1. Preparing for Installation

1. Turn off power at the circuit breaker before installation.
2. Determine the desired location for the light fixture. Ensure there is sufficient clearance above the ceiling for the remote driver/junction box.
3. Cut a circular hole in the ceiling according to the recommended size (typically 5.75 inches for a 6-inch fixture).

Easy Installation!

- 2" depth makes this product great for use in shallow ceilings
- Fits into applications with as little as 2" x 4' joist



Ceiling Cutout Size



Figure 2: Easy Installation Steps. This image illustrates the process of cutting a hole in the ceiling, connecting wiring to the junction box, connecting the light fixture, and finally pushing the fixture into the ceiling.

4.2. Wiring the Remote Driver/Junction Box

4. Open the remote driver/junction box cover.
5. Connect the building supply wires to the junction box using appropriate connectors (e.g., push-in connectors). Ensure proper polarity (black to black, white to white, ground to ground).
6. Before closing the junction box, select the desired color temperature (CCT) and lumen output using the switches located on the side of the box.



Figure 3: Selectable Color Temperatures. This image displays the five available color temperature settings and highlights the switch on the driver junction box used for selection.



Figure 4: Selectable Lumens. This image illustrates the two lumen output options (900lm and 1200lm) and the switch on the lighting module for adjustment.

4.3. Mounting the Light Fixture

7. Connect the light fixture to the remote driver/junction box via the quick-connect cable.
8. Push the remote driver/junction box through the ceiling cutout and place it above the ceiling.
9. Squeeze the spring clips on the light fixture together and insert the fixture into the ceiling cutout. The clips will expand and secure the fixture against the ceiling.
10. Ensure the fixture is flush with the ceiling surface.

Your browser does not support the video tag.

Video 1: HALO RL-DM Canless Product Introduction. This video provides an overview of the HALO RL-DM Canless LED Downlight, highlighting its features and ease of installation.

5. OPERATING INSTRUCTIONS

5.1. Color Temperature Selection

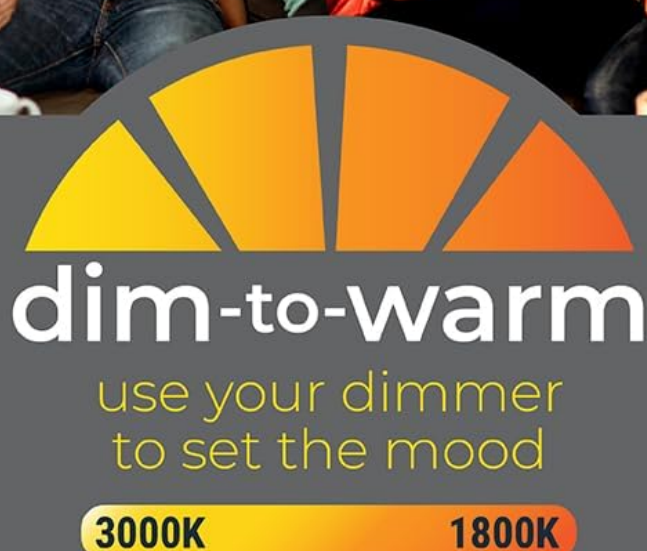
The color temperature (CCT) can be selected using a switch on the remote driver/junction box. Options include 2700K (soft white), 3000K, 3500K, 4000K, and 5000K (daylight). Make your selection before final installation of the junction box into the ceiling.

5.2. Lumen Output Selection

The lumen output can be adjusted between 900 lumens and 1200 lumens using a switch on the remote driver/junction box. This allows customization of brightness based on room size and ceiling height. Make your selection before final installation of the junction box into the ceiling.

5.3. Dim-to-Warm Feature

When the 'Dim-to-Warm' (D2W) setting is selected on the junction box, the light will transition from 3000K to a cozy 1800K candlelight ambiance as it dims. This feature requires a compatible dimmer switch (sold separately) for operation.



The dim-to-warm setting begins at 3000K and dims smoothly to 1800K, creating a rich, warm glow resembling candlelight or the sun on the horizon.

Figure 5: Dim-to-Warm Functionality. This graphic illustrates how the light's color temperature changes from 3000K to 1800K as it is dimmed, creating a warmer ambiance.

6. MAINTENANCE

The HALO RL LED Recessed Light is designed for long-lasting performance with minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable.

7. TROUBLESHOOTING

If your HALO RL light fixture is not operating correctly, refer to the following common issues:

- **Light does not turn on:** Check the circuit breaker to ensure power is supplied. Verify all wiring connections are secure. Ensure the light fixture is properly connected to the remote driver/junction box.
- **Light flickers:** Ensure a compatible LED dimmer switch is being used. Check for loose wiring connections.
- **Incorrect color temperature or lumen output:** Verify the switches on the remote driver/junction box are set to the desired settings. These settings must be chosen prior to closing the junction box.

For further assistance, contact HALO customer service.

8. SPECIFICATIONS

Feature	Specification
Brand	HALO
Model Number	RL6LS9FSD2W1EWHDM
Size	6 Inch
Material	Aluminum
Style	Recessed LED, Canless
Light Source	LED
Voltage	120 Volts
Wattage	13.8 watts
Brightness	900/1200 Lumens (Selectable)
Color Temperature	2700K-5000K (Selectable) + Dim-to-Warm (3000K-1800K)
Dimmable	Yes, to 5% with compatible dimmers
Indoor/Outdoor Usage	Indoor/Outdoor (Wet Location Listed)
Certifications	ENERGY STAR, IC-Rated, Air-Tite Certified
Dimensions (L x W x H)	7.25"L x 7.25"W x 1.94"H

9. WARRANTY & SUPPORT

HALO products are designed and tested in the USA, offering superior quality and reliability. This product is backed by a 5-year limited warranty.

For warranty claims or technical support, please refer to the contact information provided with your purchase or visit the official HALO website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question