

## HALO LCR208RD9FSE020

# HALO LCR 2-Inch Regressed Canless LED Downlight Instruction Manual

MODEL: LCR208RD9FSE020

## 1. Product Overview

The HALO LCR 2-inch Regressed Canless LED Downlight offers a sleek, recessed lighting solution without the need for traditional can housings. This versatile LED downlight is suitable for both indoor and covered outdoor spaces, featuring selectable color temperatures and dimmable functionality.

### Key Features:

- Canless design for easy installation.
- 6 selectable color temperatures (2700K-6500K).
- Dimmable down to 5% with most dimmers (0-10V and phase-cut).
- IC-rated for direct contact with insulation.
- Wet location listed for use in showers and covered outdoor areas.
- ENERGY STAR certified with a 50,000-hour lifespan.

## 2. Important Safety Instructions

Read all instructions carefully before installation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.
- Installation must be performed by a qualified electrician in accordance with national and local electrical codes.
- Do not install in areas with direct exposure to water spray unless specifically rated for such conditions.
- Ensure all electrical connections are secure and properly insulated.
- Do not modify the fixture or its components.
- This device is not intended for use with emergency exits.

### 3. Package Contents

Verify that all components are present before beginning installation:

- HALO LCR 2-inch Regressed Canless LED Downlight
- Remote Driver/Junction Box
- Installation Hardware (e.g., spring clips, wire connectors)



This image displays the HALO LCR 2-inch Regressed Canless LED Downlight unit alongside its remote driver and junction box, which are essential components for installation.

### 4. Setup and Installation

The HALO LCR downlight is designed for easy installation in drywall or suspended ceilings without the need for a recessed housing or J-box.

#### Tools Required (suggested):

- Hole Saw (2.75 inches / 7 cm diameter)
- Screwdriver
- Wire Strippers
- Measuring Tape
- Safety Glasses

#### Step-by-Step Installation:

1. **Turn off power:** Ensure power to the installation area is disconnected at the circuit breaker.
2. **Cut ceiling hole:** Use a 2.75-inch (7 cm) hole saw to cut a circular opening in the ceiling at the desired location.
3. **Wire the junction box:** Open the remote driver/junction box. Connect the building's electrical supply wires (hot, neutral, ground) to the corresponding wires inside the junction box using appropriate wire connectors. Secure the junction box to a ceiling joist or other structural element if required by local codes, or simply place it through the ceiling hole.

4. **Select Color Temperature (CCT):** Before inserting the light fixture, locate the CCT selection switch on the remote driver/junction box. Choose your desired color temperature (2700K, 3000K, 3500K, 4000K, 5000K, or 6500K).
5. **Connect fixture to driver:** Plug the connector from the downlight fixture into the corresponding receptacle on the remote driver/junction box.
6. **Insert fixture:** Gently push the spring clips on the sides of the downlight fixture upwards and insert the fixture into the ceiling hole. The spring clips will secure the fixture in place.
7. **Restore power:** Turn the power back on at the circuit breaker.

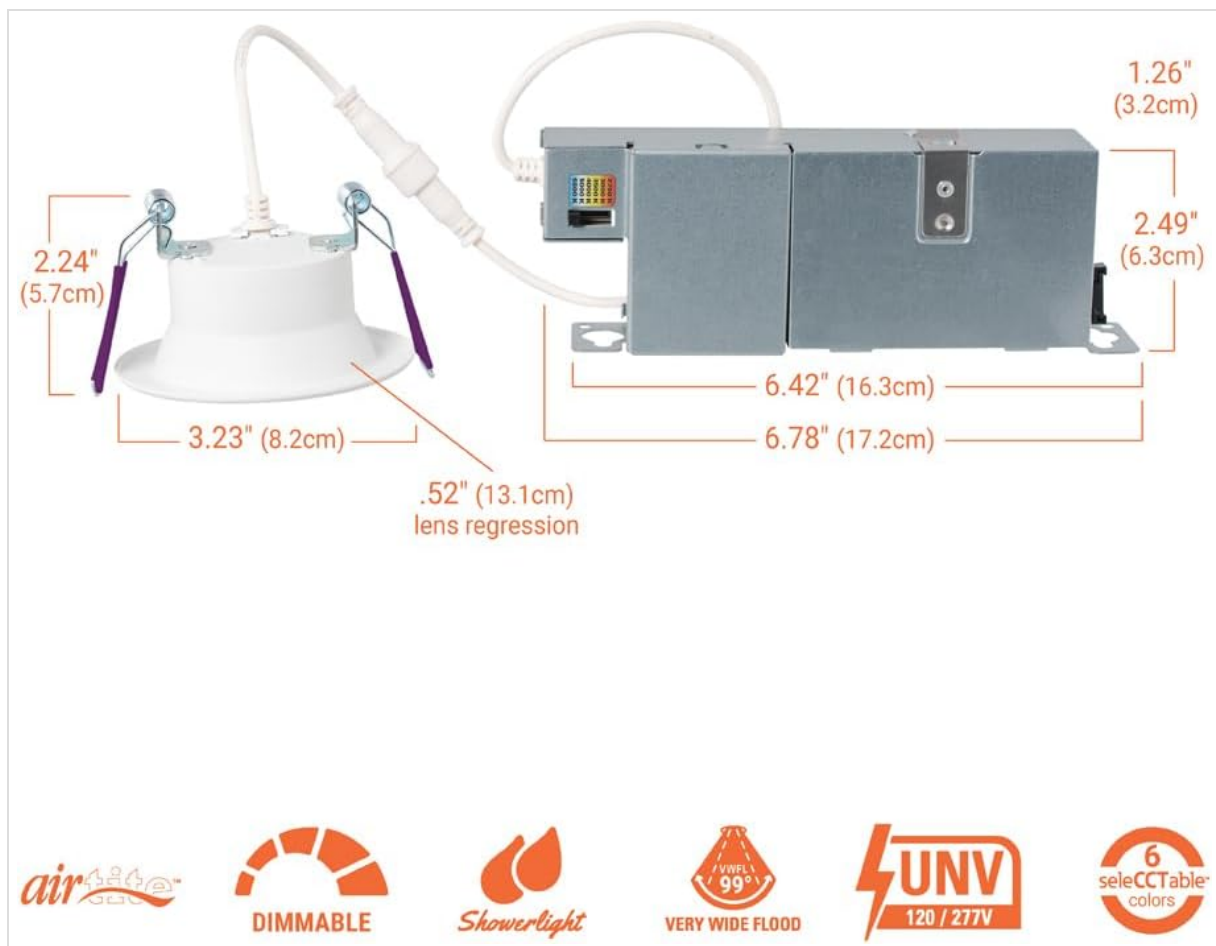


**NO HOUSING  
NEEDED!**



Simplified installation in drywall or suspended ceilings eliminates recessed cans saving you time and money. Regressed to limit glare and provide the look of a traditional downlight.

This diagram illustrates the simple four-step installation process: 1. Cutting a 2.75-inch hole in the ceiling. 2. Connecting electrical wires to the remote driver/junction box. 3. Pushing the spring clips to insert the downlight into the hole. 4. The downlight sitting flush with the ceiling surface.



This image provides detailed measurements for the HALO LCR 2-inch downlight and its remote driver, including the fixture's diameter (3.23 inches), depth (2.24 inches), and the driver's length (6.78 inches) and height (2.49 inches).

This video provides an overview of HALO lighting solutions, showcasing their use in various indoor and outdoor settings, and highlighting ease of installation and selectable color temperature features.

## 5. Operating Instructions

### Color Temperature Selection (CCT)

The HALO LCR downlight features a selectable color temperature switch located on the remote driver/junction box. This switch allows you to choose from six different color temperatures: 2700K (Soft White), 3000K, 3500K, 4000K, 5000K, and 6500K (Daylight). Make your selection before the final installation of the fixture into the ceiling.

### Dimming

This downlight is compatible with most standard dimmers, supporting both 0-10V and phase-cut dimming systems. It can be dimmed smoothly down to 5% of its full brightness. Ensure your dimmer switch is compatible with LED lighting for optimal performance.

## 6. Care and Maintenance

The HALO LCR LED Downlight is designed for long-term, maintenance-free operation with a rated lifespan of 50,000 hours, eliminating the need for bulb changes.

- To clean the fixture, ensure power is off and wipe gently with a soft, dry or slightly damp cloth. Do not use abrasive cleaners or solvents.
- Regularly inspect the fixture for any signs of damage or loose connections.

## 7. Troubleshooting Guide

If the downlight is not functioning correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power to the fixture	Check circuit breaker and wall switch. Ensure all wiring connections in the junction box are secure.
Light flickers or dims erratically	Incompatible dimmer switch or loose wiring	Ensure your dimmer is compatible with LED lighting. Check wiring connections.
Incorrect color temperature	CCT switch set incorrectly	Access the remote driver/junction box and adjust the CCT selection switch to the desired setting.
Light is too dim or too bright	Dimmer setting or CCT selection	Adjust the dimmer switch. Consider if a different CCT setting might appear brighter or dimmer to the eye.

If issues persist, contact HALO customer support.

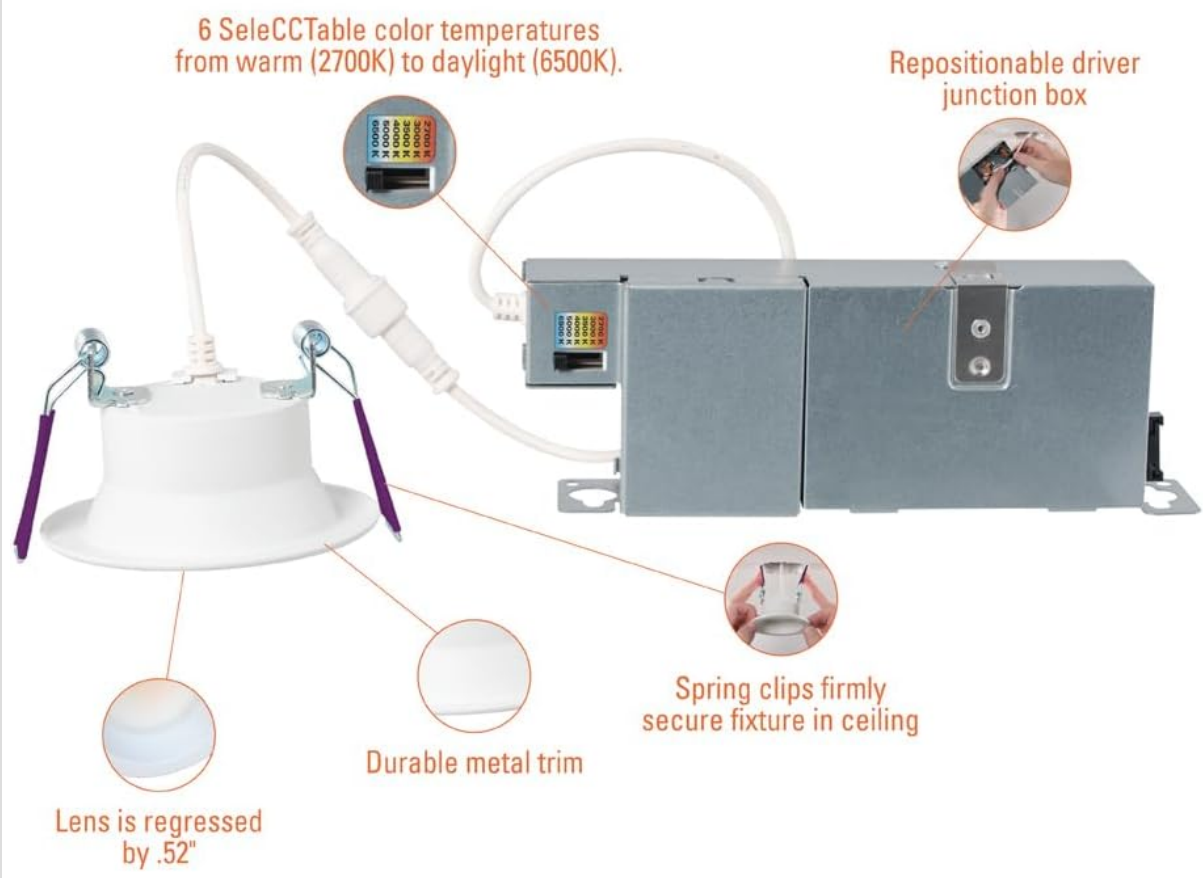
## 8. Product Specifications

Feature	Detail
Model	LCR208RD9FSE020
Brand	HALO
Size	2 Inch
Wattage	9.26 watts
Brightness	800 Lumens
Color Temperature (CCT)	6 Selectable (2700K, 3000K, 3500K, 4000K, 5000K, 6500K)
Dimmability	Yes, down to 5% (0-10V and Phase-Cut)
Voltage	120 Volts
Material	Aluminum, Acrylic (Shade)
Finish	Smooth White
Product Dimensions	3.51"L x 3.51"W x 2.24"H
Item Weight	1.06 pounds
Indoor/Outdoor Usage	Indoor, Covered Outdoor
Certifications	IC Rated, Wet Location Listed, ENERGY STAR

Feature	Detail
Lifespan	50,000 hours
UPC	080083259144

# LCR Downlight Features

- 835 nominal lumens (brightness)
- Dimmable to 5% (with select dimmers)
- 50,000 life hours (22 years at 6 hrs/day)
- 90 CRI for true color



This diagram details key features: 835 nominal lumens, dimmable to 5%, 90 CRI for true color, 6 selectable CCTs (2700K-6500K), repositionable driver junction box, and spring clips for secure ceiling installation. It also shows the lens is regressed by 0.52 inches.

## 9. Warranty and Support

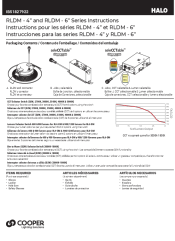
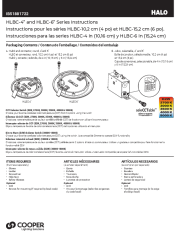

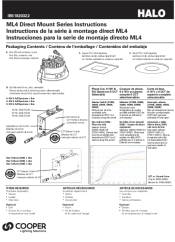
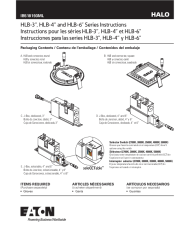

The HALO LCR 2-inch Regressed Canless LED Downlight is backed by a **5-year limited warranty**. This warranty covers defects in materials and workmanship under normal use.

### Customer Support

For technical assistance, warranty claims, or further information, please contact HALO customer service. HALO products are designed, tested, and supported in the USA.

Visit the official HALO store for more products and information: [HALO Store](#)

## Related Documents - LCR208RD9FSE020

	<p><a href="#">HALO RLDM Series LED Downlight Installation Instructions (4-inch &amp; 6-inch)</a></p> <p>Comprehensive installation guide for HALO RLDM series 4-inch and 6-inch canless LED downlights, featuring dim-to-warm and CCT/lumen selectable options. Includes safety instructions, wiring, and mounting.</p>
	<p><a href="#">Halo HLBC-4" and HLBC-6" Series Installation Instructions</a></p> <p>Comprehensive installation guide for Halo HLBC-4-inch and HLBC-6-inch series LED downlights, covering packaging, safety, wiring, mounting, color selection, dimming, and warranty.</p>
	<p><a href="#">HALO RL 4" Recessed Baffle Canless LED Downlight - Specifications and Features</a></p> <p>Detailed specifications, order information, and features for the HALO RL 4" Recessed Baffle Canless LED Downlight, including selectable lumens, CCT, dimming capabilities, and compliance standards.</p>
	<p><a href="#">HALO ML4 Direct Mount Series LED Downlight Installation Instructions</a></p> <p>Comprehensive installation guide for the HALO ML4 Direct Mount Series LED Downlight, covering packaging contents, safety instructions, wiring, dimming, color selection, mounting options, and warranty information.</p>
	<p><a href="#">HALO HLB Series LED Lighting Installation Instructions</a></p> <p>Comprehensive installation guide for HALO HLB-3", HLB-4", and HLB-6" series LED recessed lighting fixtures, covering packaging, safety, wiring, mounting, and warranty information.</p>
	<p><a href="#">HALO RLFR4 &amp; RLFR6 Series Fire-Rated LED Downlight Installation Instructions</a></p> <p>Comprehensive installation guide for HALO RLFR4 and RLFR6 series fire-rated LED downlights, covering packaging contents, safety instructions, wiring, mounting, and dimming/color selection.</p>

