

Maxxima MRL-61505

Maxxima 5-inch & 6-inch Retrofit Recessed Anti-Glare LED Downlight (Model MRL-61505) Instruction Manual

IMPORTANT SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause personal injury or property damage.

- **Disconnect Power:** Always turn off power at the circuit breaker before installing, servicing, or removing the fixture.
- **Qualified Electrician:** Installation should be performed by a qualified electrician or a person familiar with the construction and operation of the product and the hazards involved.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electrical shock.
- **Damp Location Rated:** This fixture is suitable for damp locations, such as bathrooms and showers, but not for direct water exposure.
- **Compatibility:** Use only with 120 VAC power supply. Do not attempt to modify the fixture.
- **Heat:** LED fixtures generate heat. Allow adequate ventilation around the fixture.

PRODUCT OVERVIEW

The Maxxima MRL-61505 is a 5-inch and 6-inch retrofit recessed anti-glare LED downlight designed for easy installation into existing recessed can housings. It offers 1300 lumens of illumination and features 5 selectable color temperatures, ranging from warm white to daylight, to suit various lighting preferences. The fixture is dimmable and includes an E-26 quick connect adapter for convenient setup.

Key Features:

- **Energy Efficient:** 15W LED equivalent to 100W incandescent light, reducing energy consumption.
- **High Brightness:** Provides 1300 lumens with an anti-glare design.
- **5 CCT Selectable:** Choose from 2700K (Soft White), 3000K (Warm White), 3500K (Bright White), 4000K (Neutral White), or 5000K (Daylight) using a switch on the fixture.
- **Dimmable:** Compatible with most standard LED dimmers, offering a dimming range of 10% to 100%.
- **High Color Rendering Index (CRI):** 90 CRI ensures accurate color appearance.
- **Durable Construction:** Made with a cast aluminum body for lightweight and robust performance.

- **Anti-Glare Design:** Smooth baffle deep recessed trim minimizes glare.



Figure 1: Front view of the Maxxima Retrofit Recessed LED Downlight, showing the anti-glare design and E-26 adapter.

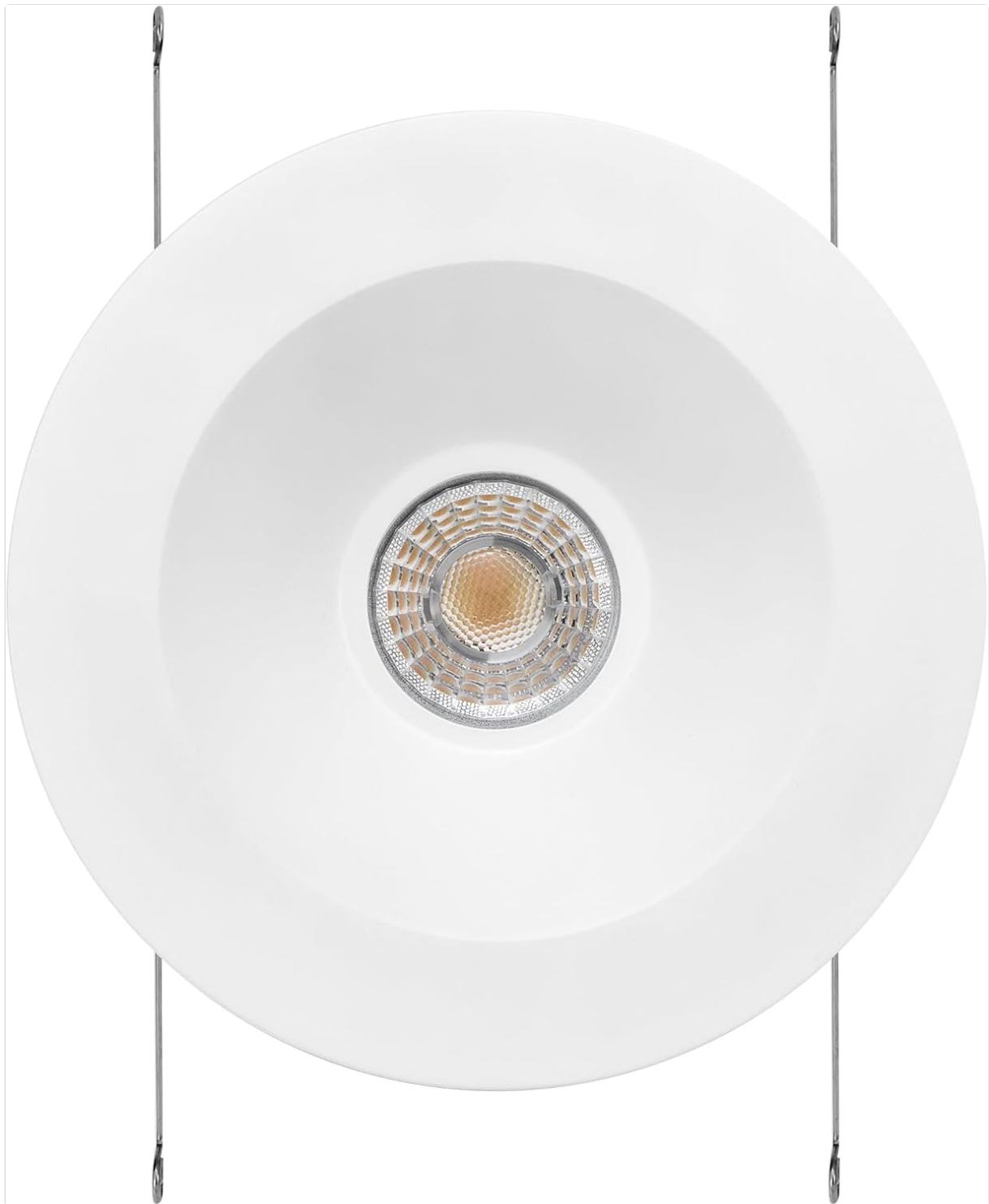


Figure 2: Angled view of the downlight, illustrating the mounting springs for installation into a recessed can.

Video 1: An overview of the Maxxima Retrofit Anti-Glare LED Downlight, demonstrating its features and selectable color temperatures.

SETUP AND INSTALLATION

Follow these steps to properly install your Maxxima LED Downlight:

1. **Turn Off Power:** Before starting, ensure the power to the existing recessed can fixture is turned off at the circuit breaker.
2. **Remove Existing Trim:** Carefully remove the existing bulb and trim from the recessed can.
3. **Connect E-26 Adapter:** Connect the E-26 quick connect adapter (provided) to the fixture's wiring. Then, screw the E-26 adapter into the existing socket of the recessed can.



Figure 3: Illustration of connecting the E-26 quick connect adapter to the downlight's wiring.

4. **Select Color Temperature (CCT):** Locate the CCT selection switch on the back of the downlight. Choose your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K) by sliding the switch.

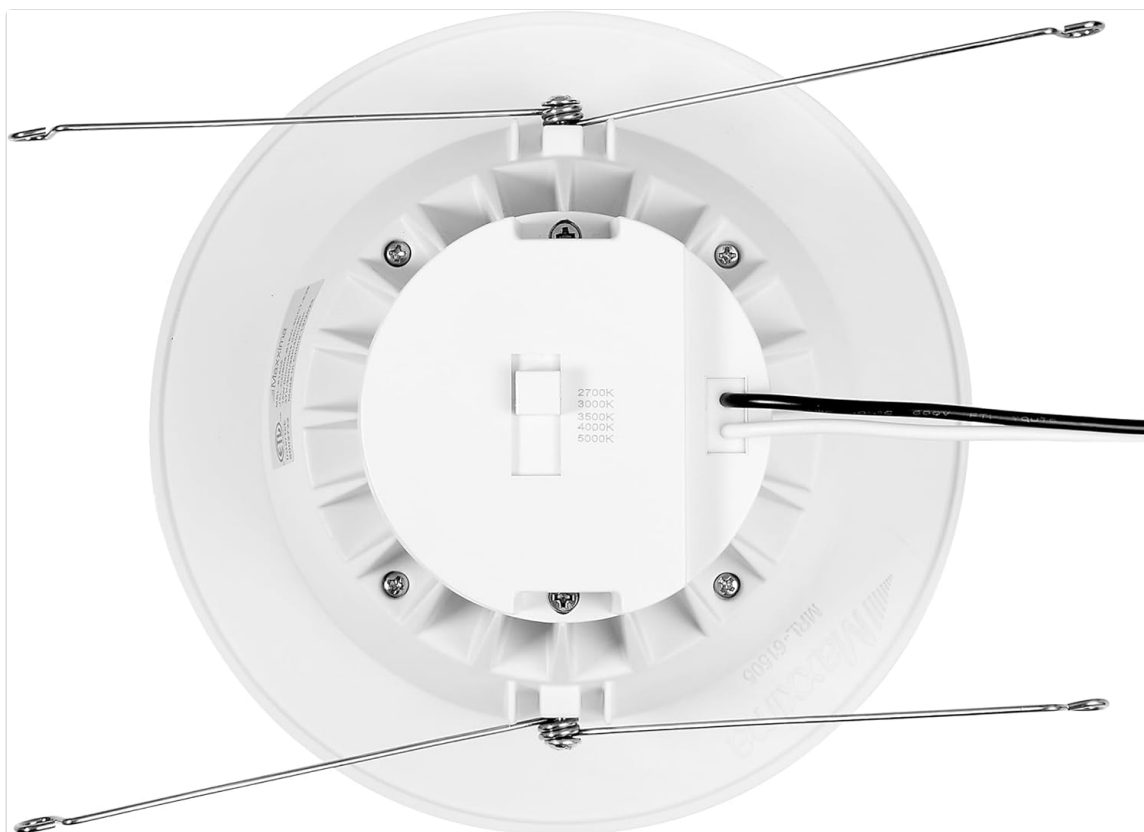





Figure 4: Rear view of the downlight, highlighting the CCT selection switch.

6" Retrofit Downlight


5 CCT SELECT









2700K
SOFT WHITE




3000K
WARM WHITE



3500K
BRIGHT WHITE



4000K
NEUTRAL WHITE



5000K
DAYLIGHT

Figure 5: Detailed view of the CCT switch, showing the five color temperature options.

5. **Install Downlight:** Gently push the wiring and the E-26 adapter into the recessed can. Compress the spring clips on the sides of the downlight and insert the fixture into the can. Release the clips to secure the downlight flush against the ceiling.
6. **Restore Power:** Once the downlight is securely installed, restore power at the circuit breaker.

Installation Tips:

- **Spring Tension:** If the light does not stay flush, ensure the spring clips are properly engaged with the torsion clips inside the recessed can. Some older cans may require adjustment or the use of compatible mounting clips.
- **Wire Clearance:** Verify that internal wires within the can are not obstructing the downlight, which could prevent it from seating properly.

OPERATING INSTRUCTIONS

The Maxxima LED Downlight is designed for simple operation once installed.

Color Temperature Selection:

The color temperature is set using the switch on the back of the fixture during installation. To change the CCT after installation, you must carefully remove the fixture from the recessed can, adjust the switch, and then reinstall it. The available color temperatures are:

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



Figure 6: Visual guide to the five selectable color temperatures provided by the downlight.

Dimming Functionality:

This downlight is dimmable from 10% to 100% with compatible LED dimmers. Ensure your dimmer switch is rated for LED lighting to achieve optimal performance and avoid flickering or damage.

MAINTENANCE

The Maxxima LED Downlight requires minimal maintenance.

- **Cleaning:** To clean the fixture, ensure power is off. Use a soft, dry, or slightly damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **No Bulb Replacement:** This fixture features an integrated LED, meaning no bulb replacement is necessary throughout its lifespan.

TROUBLESHOOTING

If you encounter issues with your downlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty fixture.	Check circuit breaker. Verify E-26 adapter is securely screwed in and connections are tight. If problem persists, contact customer support.
Light flickers or dims improperly.	Incompatible dimmer, loose wiring.	Ensure dimmer is LED compatible. Check all electrical connections.
Light does not sit flush with the ceiling.	Spring clips not engaged, internal obstruction, insufficient spring tension.	Ensure spring clips are fully engaged with the can's torsion clips. Check for wires or insulation obstructing the fixture. Adjust spring tension if necessary by gently bending the springs closer together at the top.
Incorrect color temperature.	CCT switch set incorrectly.	Remove fixture, adjust CCT switch to desired setting, and reinstall.

SPECIFICATIONS

Feature	Detail
Model Name	MRL-61505
Brand	Maxxima
Product Dimensions	7.1"L x 7.1"W x 4.5"H
Wattage	15 watts
Brightness	1300 Lumens
Color Temperature	2700K/3000K/3500K/4000K/5000K Selectable
CRI	90
Voltage	120 Volts (AC)
Dimmable	Yes (10% - 100%)
Beam Angle	36°
Material	Aluminum
Installation Type	Flush Mount (Retrofit for 5" & 6" cans)
Bulb Base	E26 Quick Connect Adapter
Lifetime Hours	50,000 hours
Certifications	ETL Listed, T20 California Compliant
Item Weight	1.5 Pounds
Indoor/Outdoor Usage	Indoor (Damp Rated)

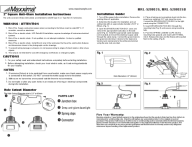


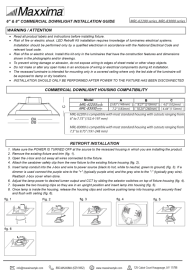
WARRANTY INFORMATION

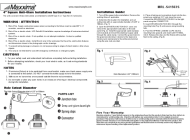
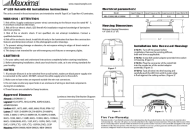
The Maxxima MRL-61505 LED Downlight comes with a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims or further details, please contact Maxxima customer support.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Maxxima customer support. Refer to the product packaging or the official Maxxima website for the most current contact information.

Related Documents - MRL-61505

	<p>Maxxima MRL-S20803S/SB 2" Square Anti-Glare LED Downlight Installation Guide</p> <p>Installation guide for Maxxima MRL-S20803S and MRL-S20803SB 2-inch square anti-glare LED downlights. Features include Canless IC rating, 450 lumens, and 3 CCT options (2700K-4000K). Includes safety warnings, parts list, and step-by-step installation procedures.</p>
	<p>Maxxima Ceiling Light Installation Guide MCL-3142300B/MCL-3142300SN</p> <p>A comprehensive installation guide for the Maxxima Ceiling Light, model numbers MCL-3142300B and MCL-3142300SN. This guide provides step-by-step instructions for wiring and mounting the fixture, along with important safety warnings and cautions. It also details the 3-year limited warranty offered by Maxxima.</p>
	<p>Maxxima MRL-S20803/S20803B 2" Round Anti-Glare LED Downlight Installation Guide</p> <p>This guide provides essential safety warnings, cautions, and step-by-step installation instructions for Maxxima's 2" Round Anti-Glare LED Downlights, models MRL-S20803 and MRL-S20803B. Learn how to safely install your new LED downlight.</p>
	<p>Maxxima MRL-62200 & MRL-83000 Commercial Downlight Installation Guide</p> <p>Comprehensive installation guide for Maxxima MRL-62200 and MRL-83000 series commercial LED downlights, covering retrofit and new construction installations, housing compatibility, and warranty information.</p>

	<p>Maxxima MRL-S41503S 4" Square Anti-Glare LED Downlight Installation Instructions</p> <p>Detailed installation guide for the Maxxima MRL-S41503S 4-inch square anti-glare LED downlight, including safety warnings, cautions, parts list, and warranty information.</p>
	<p>Maxxima 4" LED Retrofit Kit Installation Guide - MRL-41300W</p> <p>Comprehensive installation instructions for the Maxxima 4-inch LED Retrofit Kit (Model MRL-41300W). Learn how to safely and correctly install your new recessed lighting.</p>