



Manuals.plus /

› LEDVANCE /

› Sylvania LED RT8 8-inch Recessed Downlight Kit (Model 61556) - Instruction Manual

LEDVANCE 61556

Sylvania LED RT8 8-inch Recessed Downlight Kit (Model 61556)

Instruction Manual

1. PRODUCT OVERVIEW

The SYLVANIA LED Recessed Downlight is designed to provide high-performance lighting for both new construction and retrofit applications. It is an efficient replacement for traditional pin-based compact fluorescent lamps. This downlight features a lumen selectable switch, allowing for adjustable light output to suit various needs. Its design facilitates quick and easy installation in most standard frames, offering significant energy savings compared to older lighting technologies.



Figure 1: Sylvania LED RT8 8-inch Recessed Downlight Kit. The downlight features a white trim and a reflective interior. Connected to the downlight is a flexible conduit leading to a black junction box. The junction box has switches for lumen selection (1000LM, 1500LM, 2000LM) visible on its side.

2. KEY FEATURES

- **Specular Reflectors:** Designed with carefully placed luminous elements for excellent cutoff, ensuring comfortable lighting with high visual impact.
- **Quick Disconnect:** Enables straightforward installation in new construction projects.
- **Energy Savings:** Achieves up to 60% energy savings compared to traditional lighting technologies.
- **Versatile Application:** Suitable for dry, damp, and wet locations.
- **High Color Rendering Index (CRI):** Features a CRI of >90, ensuring high-quality light output and accurate color representation.

3. SPECIFICATIONS

Brand	LEDVANCE
Model Number	61556
Color Temperature	3000K (Neutral White)
Lumen Output	1000/1500/2000 Lumen Selectable
Voltage	120-277V
Wattage	21W
Fixture Type	Recessed Downlight Kit
Material	Aluminum
CRI	>90
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Water Resistant
Item Weight	2.95 Pounds
UPC	046135615566

4. SETUP AND INSTALLATION

Important Safety Information: Before beginning installation, ensure power is turned off at the circuit breaker. Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.

- 1. Prepare the Opening:** Ensure the ceiling opening is appropriately sized for an 8-inch recessed downlight.
- 2. Connect Wiring:** Open the junction box cover. Connect the building's electrical wires (hot, neutral, ground) to the corresponding wires inside the downlight's junction box using appropriate wire connectors. Ensure all connections are secure.
- 3. Select Lumen Output:** Locate the lumen selectable switch on the side of the junction box. Choose the desired lumen output (1000LM, 1500LM, or 2000LM) by sliding the switch to the corresponding setting.
- 4. Secure Junction Box:** Close the junction box cover and secure it. Place the junction box into the ceiling opening.
- 5. Install Downlight:** Gently push the downlight into the ceiling opening. The spring clips on the sides of the downlight will secure it in place.
- 6. Restore Power:** Once the downlight is securely installed, restore power at the circuit breaker.

5. OPERATING INSTRUCTIONS

The Sylvania LED RT8 Recessed Downlight operates like a standard light fixture once installed. It is controlled by the wall switch connected to its circuit.

- **Turning On/Off:** Use the connected wall switch to turn the light fixture on or off.
- **Lumen Selection:** The lumen output (1000LM, 1500LM, 2000LM) is set via a switch on the junction box during installation. This setting cannot be changed without accessing the junction box.

- **Color Temperature:** This model provides a fixed 3000K Neutral White light.

Your browser does not support the video tag.

Video 1: This video demonstrates the effect of different color temperatures (CCT) on a room's ambiance, ranging from warm white (2700K) to cool daylight (6500K). While this specific downlight is fixed at 3000K, this video provides general information on CCT.

6. MAINTENANCE

The Sylvania LED RT8 Recessed Downlight is designed for minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the downlight. Do not use abrasive cleaners or solvents.
- **No Bulb Replacement:** This is an integrated LED fixture; there are no bulbs to replace.
- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, consult a qualified electrician.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Loose wiring connection. Faulty fixture.	Check circuit breaker and wall switch. Turn off power and check wiring connections in the junction box. If power is present and wiring is secure, the fixture may be faulty. Contact support.
Light flickers.	Loose wiring connection. Incompatible dimmer switch (if applicable). Voltage fluctuations.	Turn off power and check wiring connections. Ensure dimmer switch is LED-compatible. If not, replace it. Consult an electrician to check for voltage issues.
Light output is too dim/bright.	Incorrect lumen setting.	Turn off power, access the junction box, and adjust the lumen selectable switch to the desired setting.

8. WARRANTY INFORMATION

The Sylvania LED RT8 Recessed Downlight Kit (Model 61556) comes with a **5-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use and service. For warranty claims or detailed terms and conditions, please refer to the official LEDVANCE website or contact customer support.

9. SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact LEDVANCE customer support.

- **Manufacturer:** SYLVANIA (LEDVANCE)
- **Website:** Visit the LEDVANCE Store on Amazon (for product information)

Your browser does not support the video tag.

Video 2: This video provides an overview of LEDVANCE as a company, highlighting their commitment to innovation in lighting solutions and their brand heritage.