Lutron SELV-300P-LA

Lutron Skylark Electronic Low-Voltage Dimmer

Model: SELV-300P-LA

Introduction

The Lutron Skylark Dimmer provides convenient control over your lighting, allowing you to easily turn lights on and off and adjust their brightness. This dimmer is designed for single-pole applications, meaning it controls lights from one location. It is suitable for electronic low-voltage lighting systems and requires a neutral wire connection for proper operation.
Key features include:

- Rocker switch for on/off control.
- Slide control for precise dimming and brightening.
- Designed for single-pole applications.
- Requires a neutral wire connection.
- Compatible with electronic low-voltage lighting.

Safety Information

WARNING: To avoid serious injury or death, always turn off power at the circuit breaker or fuse box before installing or servicing this product. All wiring must comply with national and local electrical codes. If you are unsure about any part of these instructions, consult a qualified electrician.
Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Setup and Installation

Follow these steps to install your Lutron Skylark Dimmer. Ensure power is off at the circuit breaker before beginning.

1. **Turn off Power:** Locate the circuit breaker controlling the light switch you intend to replace and switch it to the OFF position. Verify the power is off by attempting to turn the light on and off at the

existing switch.

2. **Remove Existing Switch:** Carefully remove the wall plate and unscrew the existing switch from the wall box. Gently pull the switch out to expose the wiring.
3. **Identify Wires:** In a single-pole application, you will typically find two wires connected to the switch, plus a ground wire. This dimmer requires a neutral wire connection, which is usually a white wire bundled in the back of the wall box.
4. **Connect Ground Wire:** Use a wire cap to connect the bare copper ground wire from the wall box to the green wire on your new Lutron dimmer. If no ground wire is present in the wall box, cap the green wire on the dimmer.
5. **Connect Hot/Live Wire:** Connect the hot/live wire (often black or red) from the old switch to the black wire on the Lutron dimmer using a wire cap.
6. **Connect Load Wire:** Connect the remaining wire that goes to the light fixture (often black or red) to the yellow wire on the Lutron dimmer using a wire cap.
7. **Connect Neutral Wire:** Connect the white wire from the Lutron dimmer to the neutral wires in your wall box using a wire cap.
8. **Secure Dimmer:** Carefully push all wires back into the wall box. Screw the Lutron dimmer into the wall box.
9. **Install Wall Plate:** Attach the coordinating Claro wall plate (sold separately) over the dimmer.
10. **Restore Power:** Turn the power back on at the circuit breaker.



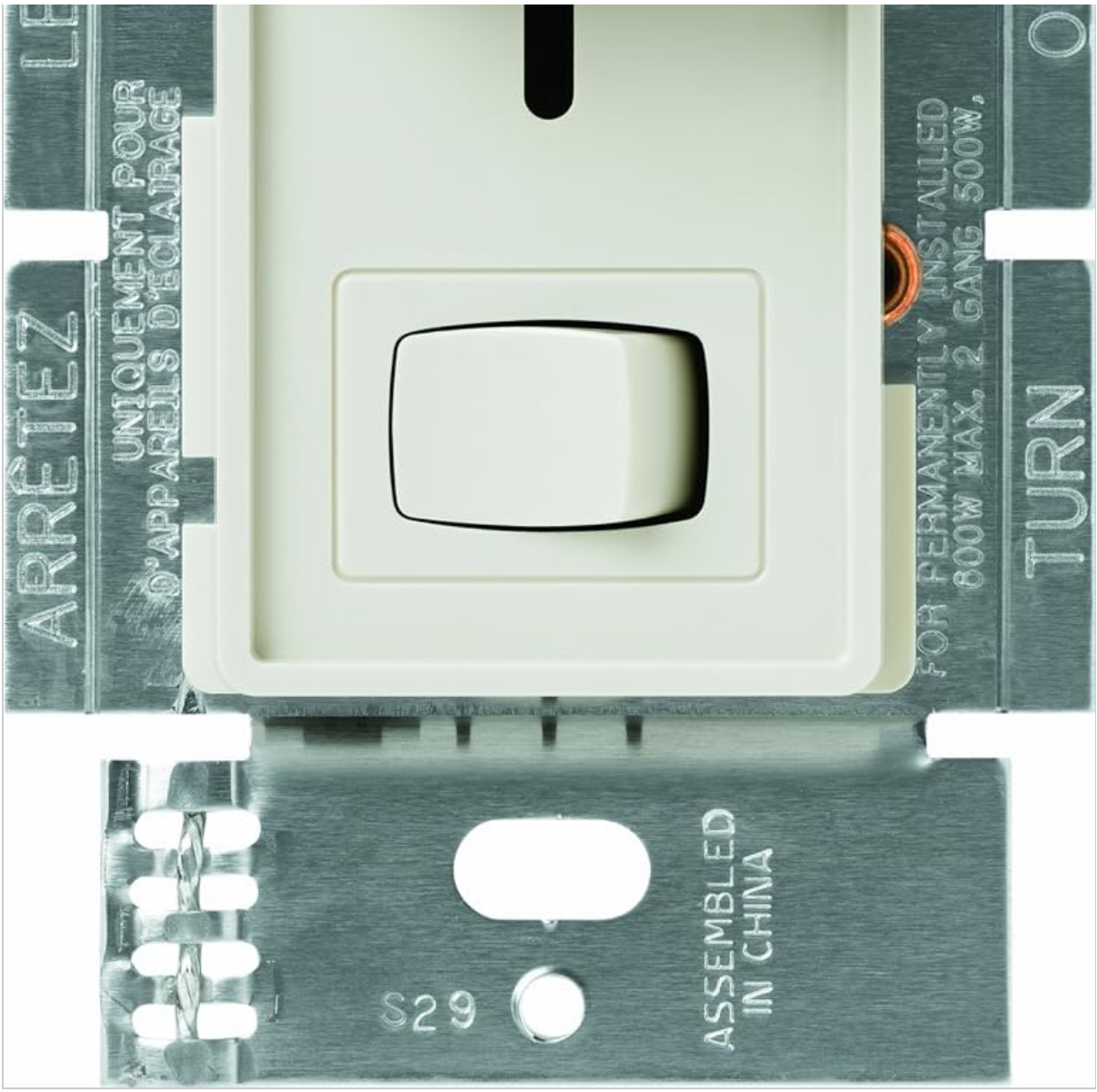


Image: Back view of the Lutron Skylark Dimmer, illustrating the wiring terminals and overall construction.

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Video: This video demonstrates the wiring process for a single-pole dimmer with one black, one yellow, and one white wire, providing a visual guide for installation.

Operating Instructions

The Lutron Skylark Dimmer is simple to operate:

- **Turn On/Off:** Press the bottom rocker switch to turn the lights on or off.
- **Dim/Brighten:** Use the slide control on the side of the dimmer. Slide it up to brighten the lights and slide it down to dim them to your desired level.



Image: Front view of the Lutron Skylark Dimmer in Light Almond, showing the rocker switch and slide control for operation.

Maintenance

To maintain your Lutron Skylark Dimmer, simply wipe it with a soft, damp cloth. Do not use abrasive cleaners, solvents, or chemical cleaning solutions, as these can damage the finish or internal components. Ensure the dimmer is dry before operating.

Troubleshooting

If you experience issues with your dimmer, try the following:

- **Lights not turning on:** Check the circuit breaker to ensure power is on. Verify all wire connections are secure. Ensure the light bulb is working and compatible with dimmers.

- **Lights flickering or buzzing:** This may indicate incompatible bulbs. Ensure you are using dimmable bulbs, especially with LED or CFL lighting. Some electronic low-voltage transformers may also cause issues; consult the transformer manufacturer's recommendations.
- **Dimmer not responding:** Ensure the dimmer is properly installed and receiving power. If the issue persists, contact Lutron customer support.

For more detailed troubleshooting, refer to the complete User Guide.

Specifications

Specification	Value
Brand	Lutron
Model Number	SELV-300P-LA
Operating Voltage	120 Volts
Wattage	300 Watts
Operation Mode	ON-OFF
Contact Type	Normally Open
Connector Type	Screw Terminals
Terminal	Screw
Dimensions (L x W x H)	2.3 x 2.3 x 4.6 inches
Circuit Type	1-way
Actuator Type	Rocker
Contact Material	Copper, Brass
Safety Standard	UL Listed
Color	Light Almond

Warranty and Support

Lutron products are designed for durability and reliability. For specific warranty details, please refer to the official Warranty Document (PDF).
For additional support, technical assistance, or to access the full user manual, please visit the Lutron website or refer to the User Guide (PDF).