

SLAclite 1x4FT 2PACK

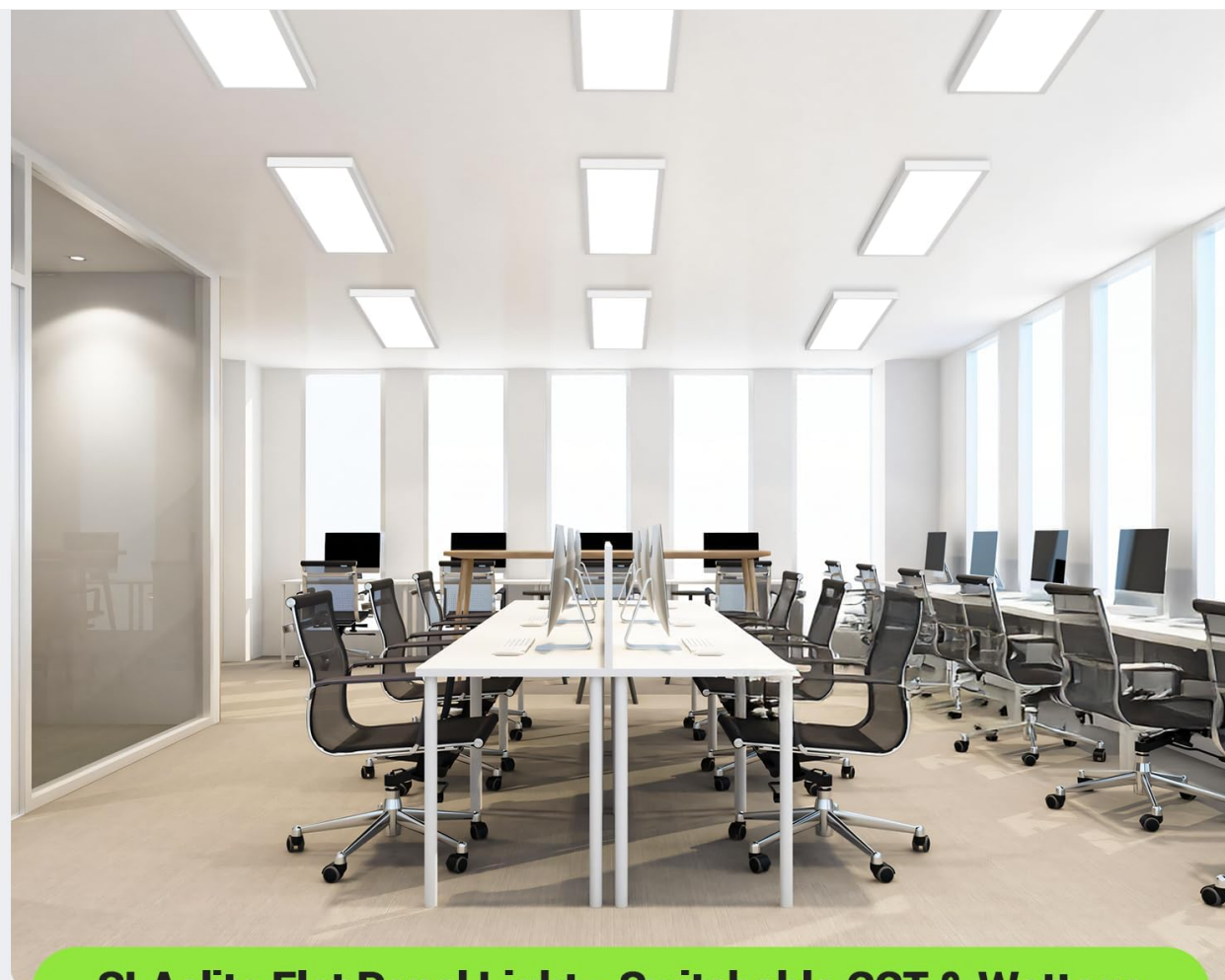
SLAclite 1x4FT LED Flat Panel Light (Model B0FDF9BFYD, 2-Pack) Instruction Manual

Your guide to installation, operation, and maintenance.

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1. PRODUCT OVERVIEW

The SLAclite 1x4FT LED Flat Panel Light is designed for various indoor applications, offering adjustable brightness and color temperature. This fixture provides efficient and uniform illumination, suitable for offices, garages, kitchens, and other commercial or residential spaces. Key features include selectable wattage (24W/30W/40W), 5 CCT options (3000K/3800K/4500K/5200K/6000K), and smooth 10-100% Triac dimming.



SLAclite Flat Panel Light - Switchable CCT & Wattage



ETL Certified



Wattage Selectable



Triac Dimming



5CT CCT Selectable



33mm Ultra-Slim



Surface/Ceiling Dual Mount

Figure 1: SLAclite 1x4FT LED Flat Panel Light with key features.

This LED panel light is engineered for energy efficiency, providing up to 5200 lumens of brightness while consuming significantly less power than traditional lighting. Its slim profile and flicker-free design contribute to a comfortable and productive environment.

2. IMPORTANT SAFETY INFORMATION

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

- **Electrical Safety:** Always turn off power at the circuit breaker before installing, servicing, or cleaning the fixture. Ensure proper grounding to avoid electrical shock.
- **Qualified Electrician:** Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.
- **Voltage:** This fixture is designed for 120V/60Hz electrical systems. Do not connect to any other voltage.
- **Mounting:** Ensure the mounting surface can support the weight of the fixture. Use appropriate hardware for the ceiling type (cement, wood, drywall).
- **Indoor Use Only:** This product is rated for indoor use only. Do not expose to moisture or outdoor elements.
- **Heat:** Do not cover the fixture with insulating material. Ensure adequate airflow around the fixture.
- **Damage:** Do not operate the fixture if it is damaged. Contact customer support for assistance.

3. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- 1x4 LED Flat Panel Lights (2 units)
- Mounting Plate
- Mounting Screw Kit (includes wire nuts, fastening clips, expansion tubes, M4x25MM screws, M4x30MM screws, M4x60MM screws)

24W 30W 40W

Wattage—Selectable Options — Efficient SMD2835 LED for Superior Illumination

High Brightness, Low Energy Consumption

5Wattage Flat Panel Light

Power Dip Switch

Toggle button to select your preferred Wattage

Figure 2: Product dimensions and included mounting accessories.

4. SPECIFICATIONS

Feature	Specification
Model Number	B0FDF9BFYD
Dimensions (L x W x H)	46.85" x 11.93" x 1.3" (1190mm x 303mm x 33mm)
Wattage	Selectable: 24W / 30W / 40W
Brightness	Up to 5200 Lumens (at 40W)

Feature	Specification
Color Temperature (CCT)	Selectable: 3000K, 3800K, 4500K, 5200K, 6000K
Dimming	10-100% Smooth Triac Dimming
Voltage	120V / 60Hz
Material	Aluminum, Acrylic Shade
Mounting Type	Surface Mount, Suspended Mount
Certifications	ETL Certified
Lifespan	50,000 hours
CRI	85+

5. SETUP AND INSTALLATION

Before installation, ensure the power is turned off at the circuit breaker. This fixture supports Surface Mount and Suspended Mount installations. Recessed installation is not supported.



Figure 3: Supported installation methods: Ceiling Mount and Suspended. Recessed installation is not supported.

5.1. Pre-Installation

1. **Turn off Power:** Locate the circuit breaker controlling the light fixture's power supply and turn it off. Verify power is off using a voltage tester.
2. **Unpack:** Carefully remove the fixture and all components from the packaging. Inspect for any damage.
3. **Select Settings:** Before mounting, adjust the CCT (Color Correlated Temperature) and Wattage dip switches located on the side of the fixture to your desired settings. These are typically small switches that can be toggled with a finger or small tool.

5.2. Surface Mount Installation

1. **Attach Mounting Plate:** Secure the mounting plate to the ceiling using the appropriate screws and expansion tubes from the kit. Ensure the plate is firmly attached and level.
2. **Wiring:** Connect the fixture's wires to the building's electrical wires (Black to Black, White to White, Ground to Ground) using the provided wire nuts. Ensure all connections are secure.
3. **Mount Fixture:** Carefully align the fixture with the mounting plate and secure it in place. Some models may slide into grooves or attach with additional screws.

5.3. Suspended Installation

For suspended installation, additional suspension kits (not included) are typically required. Follow the instructions provided with your suspension kit in conjunction with these steps.

1. **Install Suspension Kit:** Attach the suspension cables or rods to the ceiling and to the fixture's designated suspension points according to the suspension kit's instructions.
2. **Adjust Height:** Adjust the suspension cables to achieve the desired hanging height and ensure the fixture is level.
3. **Wiring:** Connect the fixture's wires to the building's electrical wires (Black to Black, White to White, Ground to Ground) using the provided wire nuts. Ensure all connections are secure.

6. OPERATING INSTRUCTIONS

6.1. Color Temperature (CCT) Selection

The fixture offers 5 selectable color temperatures. Adjust the CCT dip switch on the side of the fixture to choose your preferred light color before final installation or if you need to change it later.



Figure 4: CCT Dip Switch for selecting color temperature.

- **3000K:** Warm Yellow Light
- **3800K:** Neutral Warm Light
- **4500K:** Neutral White Light
- **5200K:** Cool White Light with a Natural Tendency
- **6000K:** Cool White Light

6.2. Wattage Selection

The fixture allows you to select between three wattage outputs to control brightness and energy consumption. Adjust the Power Dip Switch on the side of the fixture to your desired wattage.

10%-100% Smooth Triac Dimming

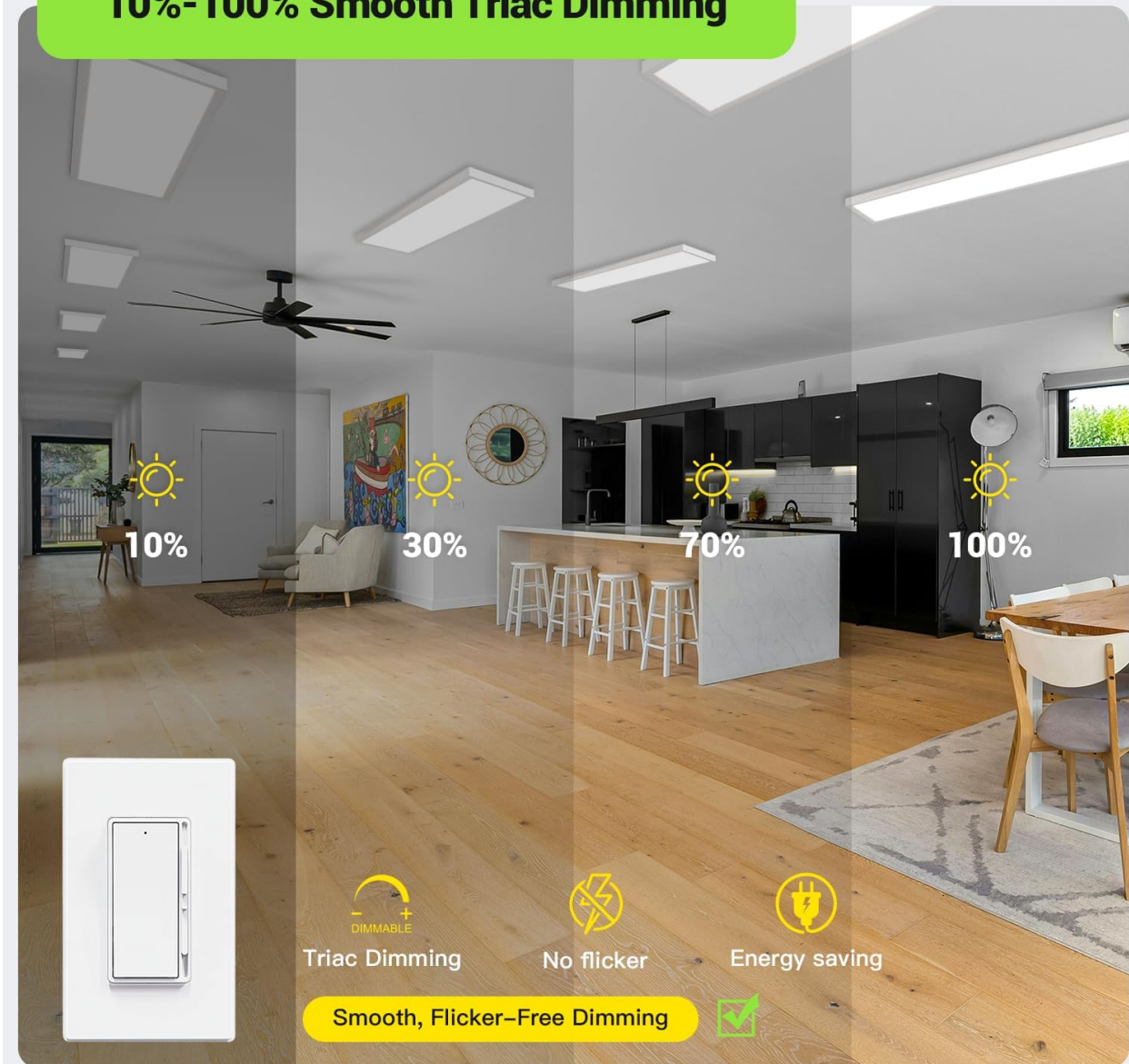


Figure 5: Power Dip Switch for selecting wattage.

- **24W:** Lower brightness, maximum energy saving.
- **30W:** Medium brightness.
- **40W:** Highest brightness, maximum light output.

6.3. Dimming Function

This fixture supports 10-100% smooth Triac dimming. To utilize this feature, ensure you have a compatible Triac dimmer switch installed in your electrical system.

10%-100% Smooth Triac Dimming

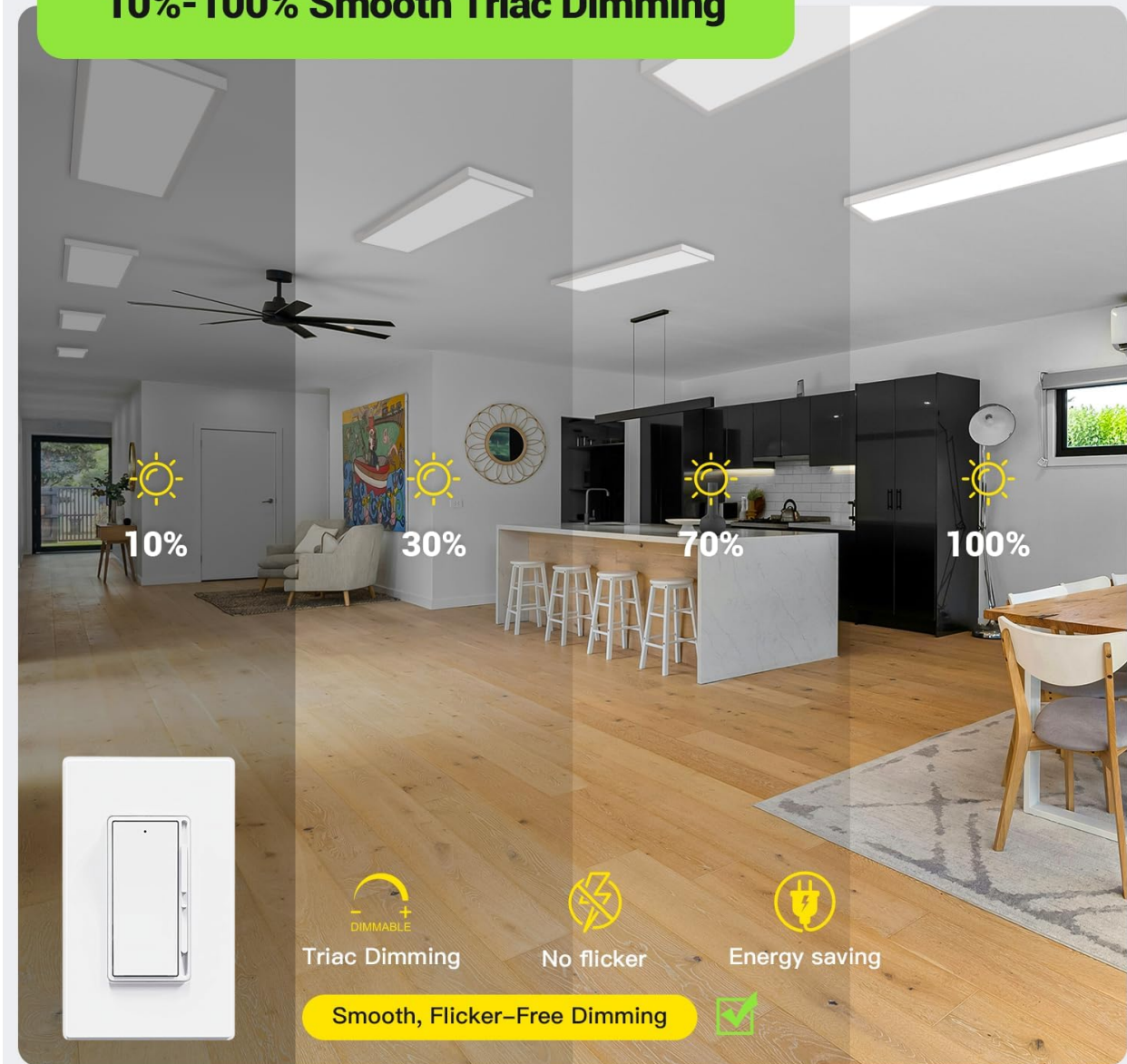


Figure 6: Smooth Triac dimming capability from 10% to 100%.

Adjust the dimmer switch to achieve your desired light intensity. The fixture is designed for flicker-free and noiseless operation across the dimming range.

7. MAINTENANCE

The SLAclite LED Flat Panel Light requires minimal maintenance.

1. **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
2. **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, turn off the power and contact customer support.
3. **No User-Serviceable Parts:** There are no user-serviceable parts inside the fixture. Do not attempt to open or repair the unit yourself.

8. TROUBLESHOOTING

If you encounter issues with your LED Flat Panel Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty switch or circuit breaker	Check if the circuit breaker is on. Ensure all wiring connections are secure. Test the switch and circuit breaker.
Light flickers or dims unexpectedly	Incompatible dimmer switch Loose wiring Voltage fluctuations	Ensure a compatible Triac dimmer is used. Check wiring connections. Consult an electrician for voltage issues.
Incorrect color temperature or brightness	CCT or Wattage dip switches set incorrectly	Turn off power, then adjust the CCT and Wattage dip switches to your desired settings.
Buzzing noise	Incompatible dimmer switch Loose wiring	Replace with a compatible Triac dimmer. Check and secure all wiring connections.

If the problem persists after attempting these solutions, please contact SLAclite customer support.

9. WARRANTY AND SUPPORT

9.1. Manufacturer's Warranty

This SLAclite LED Flat Panel Light comes with a **3-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

9.2. Extended Protection Plans

Extended protection plans are available for purchase separately:

- **3-Year Protection Plan:** Extends coverage for an additional 36 months.
- **4-Year Protection Plan:** Extends coverage for an additional 48 months.
- **Complete Protect:** A monthly subscription plan covering eligible past and future purchases.

For details on these plans, please refer to the retailer's website or contact their customer service.

9.3. Customer Support

For technical assistance, warranty claims, or any questions regarding your SLAclite LED Flat Panel Light, please contact SLAclite customer support. Have your model number (B0FDF9BFYD) and purchase date ready when contacting support.

Contact Information: Please refer to the contact details provided on your purchase receipt or the official SLAclite website.