## Allsmartlife IF12LPL5CCTC1-WH2P

# Allsmartlife 1x2 FT LED Flat Panel Light User Manual

Model: IF12LPL5CCTC1-WH2P

Brand: Allsmartlife

---

## 1. SAFETY INFORMATION

Please read these instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** Always turn off power at the circuit breaker before installing, servicing, or cleaning the fixture. Ensure all electrical connections comply with local codes and ordinances. If you are unsure about wiring, consult a qualified electrician.
- **Handling:** Handle the LED panel light with care to avoid damage. Do not apply excessive force.
- **Environment:** This fixture is suitable for indoor use and can be used in wet environments. Ensure the installation location is structurally sound to support the fixture's weight.
- **Ventilation:** Ensure adequate ventilation around the fixture to prevent overheating.

## 2. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Allsmartlife 1x2 FT LED Flat Panel Light (2 units)
- Mounting Bracket(s)
- Installation Hardware (screws, drywall anchors, wire caps)
- Safety Rope(s)
- User Manual

Image: Overview of the LED panel light and included mounting hardware.

## 3. PRODUCT FEATURES

- **Super Bright:** 24W, 2880 Lumens, with 240 LED lamp beads for stable and bright illumination.
- **Selectable 5CCT:** Easily adjust color temperature between 3000K (Warm White), 3800K (Neutral White), 4500K (Bright White), 5200K (Daylight White), and 6000K (Cool White) using a switch on the fixture.
- **Smooth Dimmable:** Compatible with Triac dimmers for 10-100% smooth dimming at standard 120V.
- **High Performance:** Energy-efficient LED technology saves up to 85% on electricity compared to traditional lighting.
- **Ultra-Thin Design:** With a thickness of only 0.98 inches, the edge-lit panel fits closely to the ceiling for a sleek appearance.
- **Durable Construction:** Features a strong and durable aluminum housing with high heat dissipation. Sealed design prevents insects from entering and allows for use in wet environments.



Image: Visual representation of the 5 selectable color temperatures and the switch for adjustment.



Image: Illustration of the smooth dimming capability from 10% to 100%.

## 4. SPECIFICATIONS

| Attribute | Value |
| --- | --- |
| Brand | Allsmartlife |
| Model Name | IF12LPL5CCTC1-WH2P |
| Product Dimensions | 24"L x 12"W x 0.98"H |
| Wattage | 24 Watts |
| Light Output | 2880 Lumens |
| Color Temperature | 3000K/3800K/4500K/5200K/6000K (Selectable) |
| Voltage | 120 Volts |
| Average Life | 50,000 Hours |
| Material | Aluminum |
| Color | White |
| Installation Type | Flush Mount/Surface Mount/Drop Mount |
| Special Features | Adjustable Color Temperature, Dimmable, Energy Efficient, Water Resistant |

## 5. INSTALLATION INSTRUCTIONS

The Allsmartlife 1x2 FT LED Flat Panel Light supports three types of installation: Surface Mount, Drop Mount, and Recessed Mount. Always ensure power is OFF at the circuit breaker before starting installation.
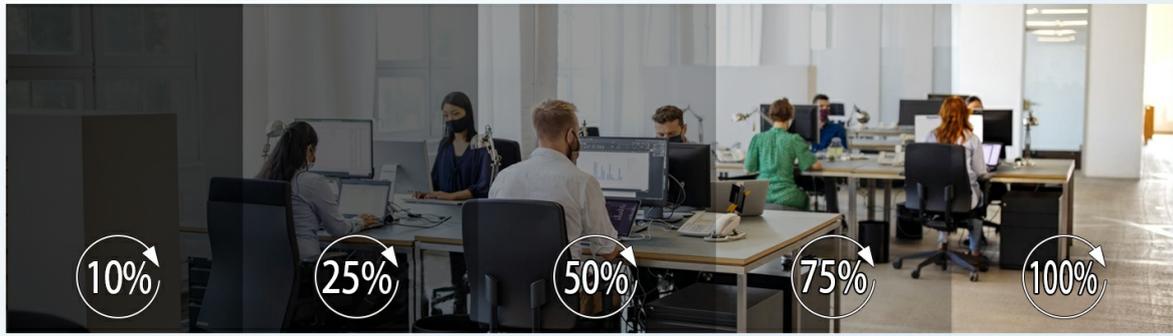
Image: Overview of the three available installation methods.

### 5.1. Surface Mount Installation

1. **Prepare the Mounting Frame:** The light fixture comes with a mounting frame attached. Carefully detach the frame from the light panel by cutting any zip ties or releasing clips.
2. **Mount the Frame:** Position the mounting frame on the ceiling where the fixture will be installed.

Mark the screw holes. Use an electric drill to create pilot holes and secure the frame to the ceiling using the provided screws and drywall anchors (if necessary).

3. **Connect Wiring:** Pull the electrical wires from the ceiling junction box through the center opening of the mounting frame. Connect the live (black), neutral (white), and ground (green/bare copper) wires from the ceiling to the corresponding wires on the LED driver using the provided wire caps.

4. **Attach Safety Rope:** Connect the safety rope from the light panel to the hooks on the mounting plate to prevent accidental drops during final installation.

5. **Secure Light Panel:** Carefully slide the LED panel light onto the mounting frame, ensuring it locks securely into place.

6. **Test:** Restore power at the circuit breaker and test the light fixture.
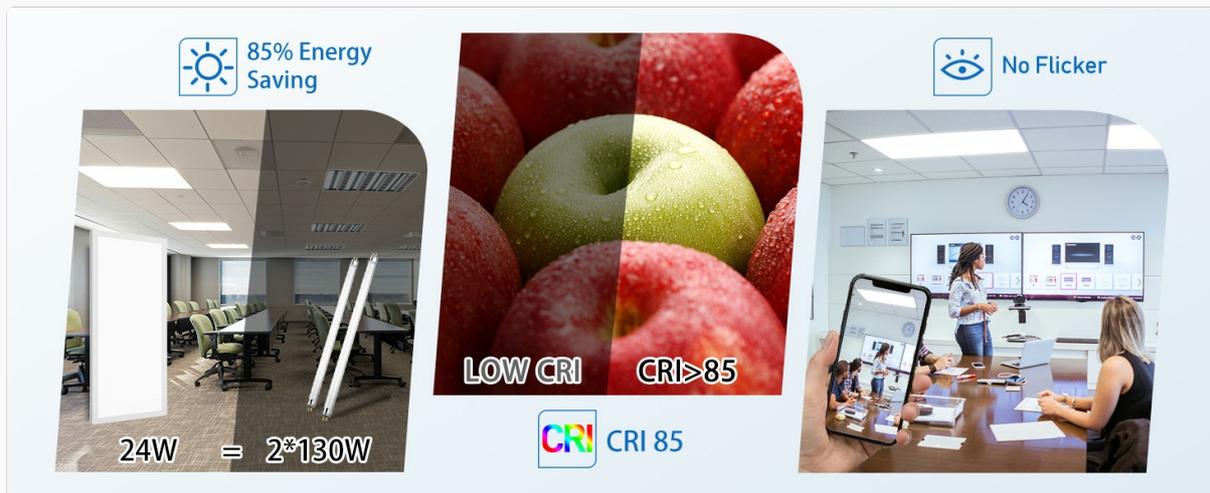


Image: Detailed steps for surface mount installation.

## 5.2. Drop Mount Installation

A suspension kit is required for drop mount installation (not included in the standard package). Ensure the ceiling can support the suspended weight.

1. **Install Suspension Cables:** Drill holes in the ceiling at appropriate spacing (e.g., 36-37 inches apart for a 1x4FT light, adjust for 1x2FT). Install the base of the suspension cables into the ceiling.

2. **Thread Cables:** Thread the lanyard (suspension wire) into the nut and stretch the rope. Adjust the length of the lanyard as desired.

3. **Connect Wiring:** Connect the electrical wires from the ceiling to the LED driver as described in the Surface Mount section.

4. **Attach Light Panel:** Pass the suspension ropes through the hooks on the light fixture. Secure the light panel to the suspension cables, ensuring it hangs level.

5. **Test:** Restore power and test the light fixture.

**EASY TO INSTALL** — Surface Mounted

① Please assemble the frame and mount it on the ceiling with screws.

② Please put the hook through the fixing ring on the back of the item. ⚠ Do not install screws in this position

③ Move the light body across to the hook position.
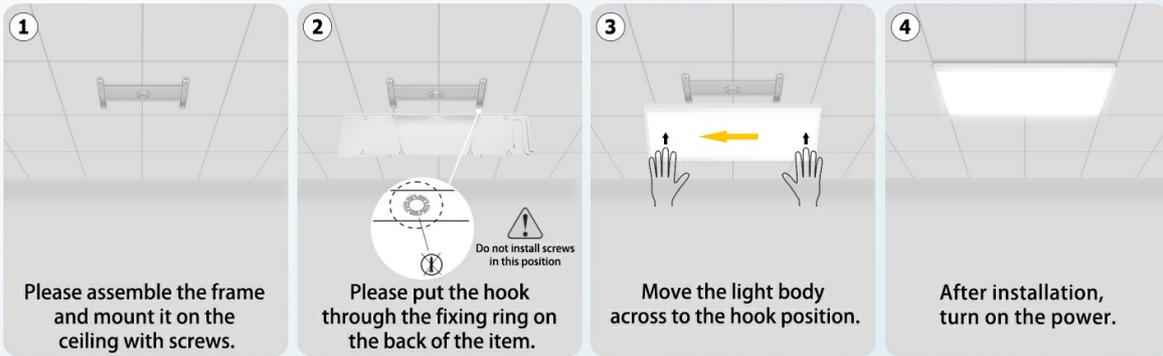
④ After installation, turn on the power.

Image: Detailed steps for suspension mount installation.

## 5.3. Recessed Mount Installation

This method is suitable for ceilings with existing openings or grid systems.

1. **Prepare Ceiling:** Turn off power. Remove the existing ceiling tile or prepare the opening for the fixture.
2. **Connect Wiring:** Connect the power cord from the ceiling to the LED driver.
3. **Insert Fixture:** Tilt the light panel and insert it through the ceiling gap. Carefully position it within the grid or opening.
4. **Secure Fixture:** Ensure the fixture is securely seated within the ceiling grid.
5. **Test:** Restore power and test the light fixture.



**EASY TO INSTALL** — Suspension Mounted

**Suspension kit is not included in the package. Additional purchase required.**

① Install the base of the suspension cable on the ceiling.

② Connect the hanging wire and the base with small screws.

③ Please put the hook through the fixing ring on the back of the item.

④ Turn on the power.

Image: Detailed steps for recessed mount installation.

## 5.4. Installation Videos

Video: Detailed installation instructions for the Allsmartlife LED Flat Panel Light, demonstrating surface and drop mount methods.

Video: Overview of the Allsmartlife 2x2 LED Panel Light, highlighting its thin design and ease of installation.

## 6. OPERATING INSTRUCTIONS

## 6.1. Color Temperature Selection (5CCT)

The LED panel light features a selectable color temperature switch located on the side of the fixture. Before or after installation, you can use this switch to choose your preferred light color:

- **3000K:** Warm White
- **3800K:** Neutral White
- **4500K:** Bright White
- **5200K:** Daylight White
- **6000K:** Cool White

Simply slide the switch to the desired setting. The change will be immediate.



Image: The LED panel light installed in a kitchen, showcasing various color temperature options.

## 6.2. Dimming Function

This fixture is compatible with Triac dimmers (not included). To utilize the dimming feature, ensure you have a compatible dimmer switch installed in your electrical circuit. The light can be smoothly dimmed from 10% to 100% brightness.

## 7. Maintenance

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, damp cloth to wipe the surface of the fixture. Avoid abrasive cleaners or solvents that may damage the finish.
- **No Bulb Replacement:** This LED fixture does not require bulb replacement. The integrated LEDs are designed for a long lifespan of 50,000 hours.
- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, turn off the power and consult a qualified electrician.

## 8. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Light does not turn on | No power supply; Loose wiring; Faulty switch/breaker | Check circuit breaker; Verify wiring connections; Test switch/breaker |
| Light flickers or dims unexpectedly | Incompatible dimmer; Loose wiring; Voltage fluctuations | Ensure dimmer is Triac compatible; Check wiring; Consult electrician for voltage issues |
| Incorrect color temperature | CCT switch set incorrectly | Adjust the CCT selector switch on the fixture |
| Buzzing noise | Incompatible dimmer; Loose wiring | Replace dimmer with a compatible Triac LED dimmer; Check wiring connections |

## 9. Warranty and Support

Allsmartlife products are designed for quality and reliability. For warranty information, technical support, or any product-related inquiries, please contact Allsmartlife customer service.

- **Customer Service Email:** cs@allsmartlife.com
- **Response Time:** Allsmartlife aims to respond to inquiries within 12 hours.