Silumen P21-18W_CW

Silumen LED Under-Cabinet Light User Manual

Model: P21-18W_CW

1. Introduction

Thank you for purchasing the Silumen LED Under-Cabinet Light. This manual provides important information regarding the installation, operation, and maintenance of your new LED light. Please read this manual thoroughly before installation and keep it for future reference.

This 60 cm, 18W LED strip is designed to provide stylish and efficient lighting for various indoor spaces, such as workspaces, kitchens, garages, and offices. It offers significant energy savings, consuming up to 10 times less energy than conventional halogen lamps, while delivering a bright 1800 lumens of light.



Image: Front view of the Silumen LED Under-Cabinet Light.

2. Safety Instructions

To ensure safe operation and prevent damage, please observe the following safety precautions:

- Always disconnect power before installation, maintenance, or cleaning.

- This product is designed for **indoor use only** (IP20 rating). Do not expose it to water, high humidity, or outdoor conditions.
- Ensure the power supply voltage (220V) matches the product's requirements.
- Do not attempt to modify or disassemble the light fixture. This will void the warranty and may cause electrical hazards.
- Keep the light away from flammable materials.
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- Avoid direct eye exposure to the LED light source when it is illuminated.

3. Package Contents

Please check the package for the following items:

- 1 x Silumen LED Under-Cabinet Light (Model: P21-18W_CW)
- 1 x Transformer
- Mounting Brackets
- Screws and Wall Plugs (typically included with mounting hardware)



Image: Close-up view of the LED light fixture.



Image: The LED light shown with its included mounting brackets and screws.

4. Setup and Installation

The Silumen LED Under-Cabinet Light is designed for easy installation. Follow these steps:

1. **Choose Location:** Select a suitable indoor location for installation, such as under cabinets, shelves, or in a garage. Ensure the surface is clean, dry, and stable.
2. **Mark Drilling Points:** Use the mounting brackets to mark the drilling points on the desired surface. Ensure the marks are level and spaced correctly for the light fixture.
3. **Drill Holes:** Drill holes at the marked points. Insert wall plugs if installing into drywall or masonry.
4. **Attach Brackets:** Secure the mounting brackets to the surface using the provided screws.
5. **Mount Light Fixture:** Carefully attach the LED light fixture to the mounted brackets. It should click securely into place.
6. **Connect Power:** Connect the light fixture to the transformer, and then connect the transformer to a 220V power source. Ensure all electrical connections are secure and comply with local electrical codes.



Image: Example of the LED light installed on a wall, demonstrating its discreet profile.



Image: Various application examples, including office spaces and retail environments, showcasing the versatility of the LED light.

5. Operating Instructions

Once installed and connected to power, the Silumen LED Under-Cabinet Light operates like any standard light fixture. It is designed for simple on/off functionality via a wall switch or other compatible electrical switch connected to its power supply.

- **Turning On/Off:** Use the connected wall switch to turn the light on or off.
- **Light Output:** The light provides a consistent 6400K (Cool White) light output at 1800 lumens.



Image: Visual comparison illustrating different light color temperatures, though this specific model provides 6400K Cool White light.

6. Maintenance

The Silumen LED Under-Cabinet Light requires minimal maintenance. Follow these guidelines to ensure its longevity:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the surface of the light fixture. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the finish or electrical components.
- **Inspection:** Periodically check the mounting brackets and electrical connections to ensure they remain secure.
- **LED Lifespan:** The LEDs have an average lifespan of 20,000 hours and do not require replacement.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose electrical connection. Faulty switch.	Check if the power outlet is working. Ensure all connections are secure. Test the switch or try a different one.
Light flickers.	Unstable power supply. Loose connection.	Ensure stable power. Check connections. If problem persists, consult an electrician.

Problem	Possible Cause	Solution
Light is dim.	Incorrect voltage. Dust accumulation.	Verify power supply voltage (220V). Clean the light fixture with a soft, dry cloth.

If the problem persists after trying these solutions, please contact Silumen customer support.

8. Specifications

Feature	Detail
Brand	Silumen
Model Number	P21-18W_CW
Product Dimensions	2 x 63 x 8 cm (L x W x H)
Weight	320 g
Power Consumption	18 Watt
Voltage	220 Volt
Luminous Flux	1800 Lumen
Light Color Temperature	6400K (Cool White)
Ingress Protection (IP) Rating	IP20
Average Lifespan	20,000 Hours
Material	Aluminum
Finish	Painted
Included Components	Transformer, Mounting Brackets
Specific Use	Indoor use only
Certifications	CE, RoHS



Image: Close-up of the product label showing model and electrical specifications.

9. Warranty and Support

This Silumen LED Under-Cabinet Light comes with a**2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage caused by:

- Improper installation or use not in accordance with this manual.
- Accidents, abuse, neglect, or natural disasters.
- Unauthorized repairs or modifications.

For warranty claims or technical support, please contact Silumen customer service through your original point of purchase or visit the official Silumen website.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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