

LumeGen LG-LS4-40W-30K/40K/50K-W

LumeGen 4ft LED Linear Light User Manual

Model: LG-LS4-40W-30K/40K/50K-W

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your LumeGen 4ft LED Linear Light. Please read this manual thoroughly before installation and retain it for future reference. This fixture is designed for commercial illumination, offering adjustable color temperature and dimmable lighting.



Image 1.1: The LumeGen 4ft LED Linear Light, a sleek white fixture designed for commercial spaces.

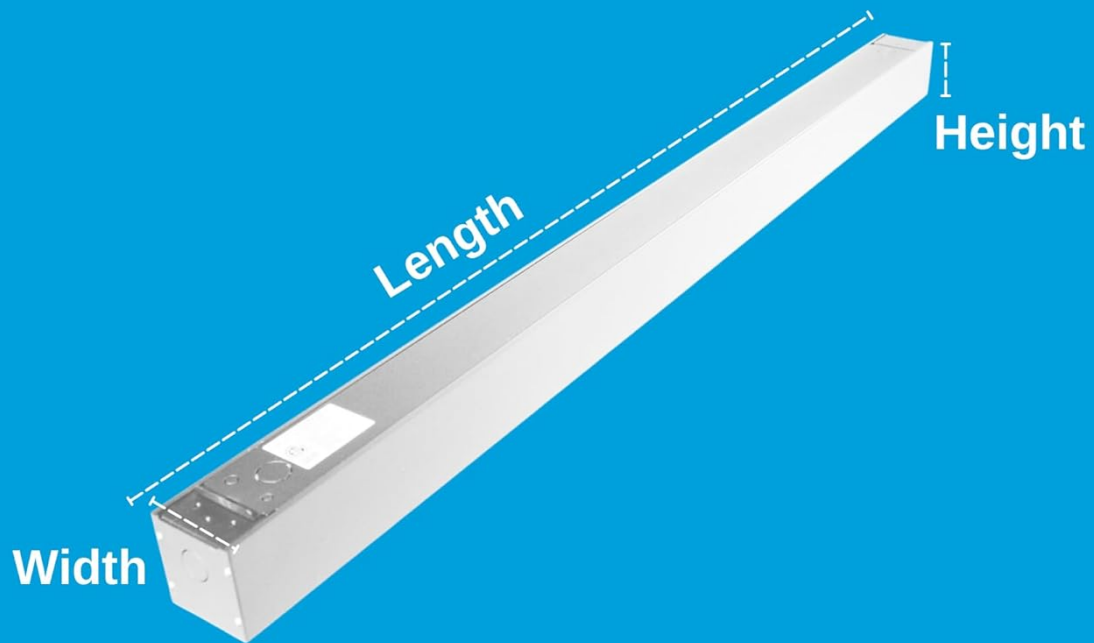
2. KEY FEATURES

- **Dimmable Lighting:** Features a dimmable driver for brightness control (requires 0-10V dimmer, sold separately).
- **Long-Lasting Performance:** Offers a remarkable lifespan of 50,000 hours.
- **Seamless Installation Options:** Supports flush wall mount (with separate bracket), ceiling suspension, and end-to-end linking for continuous lighting.
- **Wide Application Range:** Suitable for offices, hotels, educational facilities, and various commercial spaces.
- **Customizable Lighting:** Color selectable with options for Warm White (3000K), Neutral White (4000K), and Daylight (5000K).
- **Stylish Finishes:** Available in Matte Black, Silver, and Glossy White.

3. SPECIFICATIONS

Attribute	Value
Brand	LumeGen
Model Number	190140273980
Color	White
Material	Aluminum, Polycarbonate
Style	Modern
Light Fixture Form	Ceiling
Indoor/Outdoor Usage	Indoor
Power Source	Corded Electric
Installation Type	Flush Mount, Suspended
Special Features	CCT Tunable, Flicker Free, Instant On, Dimmable, Damp Location
Light Source Type	LED
Voltage	120 Volts (AC)
Wattage	40 watts
Brightness	5000 Lumen
Color Temperature	3000K/4000K/5000K Adjustable
Color Rendering Index (CRI)	>80
Beam Angle	120°
IP Rating	20
Product Dimensions	46.5 x 4 x 3.5 inches
Item Weight	5.25 pounds

Dimensions



Length	Width	Height
44.49"	2.59"	2.75"

Image 3.1: Diagram illustrating the length, width, and height of the linear light fixture.



CRI	Dimmable	Beam Angle	IP Rating
>80	0-10V	120°	20

Image 3.2: Key technical specifications including CRI, Dimmable range, Beam Angle, and IP Rating.

4. INSTALLATION GUIDE

4.1 Safety Precautions

- Always turn off power at the circuit breaker before installation or maintenance.
- Consult a qualified electrician if you are unsure about the installation process.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not install in locations exposed to direct water spray or submersion.

4.2 Mounting Options

The LumeGen LED Linear Light offers versatile mounting options to suit various commercial environments:

- **Suspend Mount (Standard Configuration):** The fixture can be suspended from the ceiling, providing a modern aesthetic and broad light distribution.
- **Suspended Mount with Finish Canopy (Sold Separately):** For a more refined look, a finish canopy can be

used with suspended installations.

- **Wall Mount (Sold Separately):** The fixture can be flush-mounted to walls using a separate wall bracket for a sleek appearance.
- **Linkable:** Multiple fixtures can be linked end-to-end (maximum 7 pieces) to create long, continuous lines of lighting.

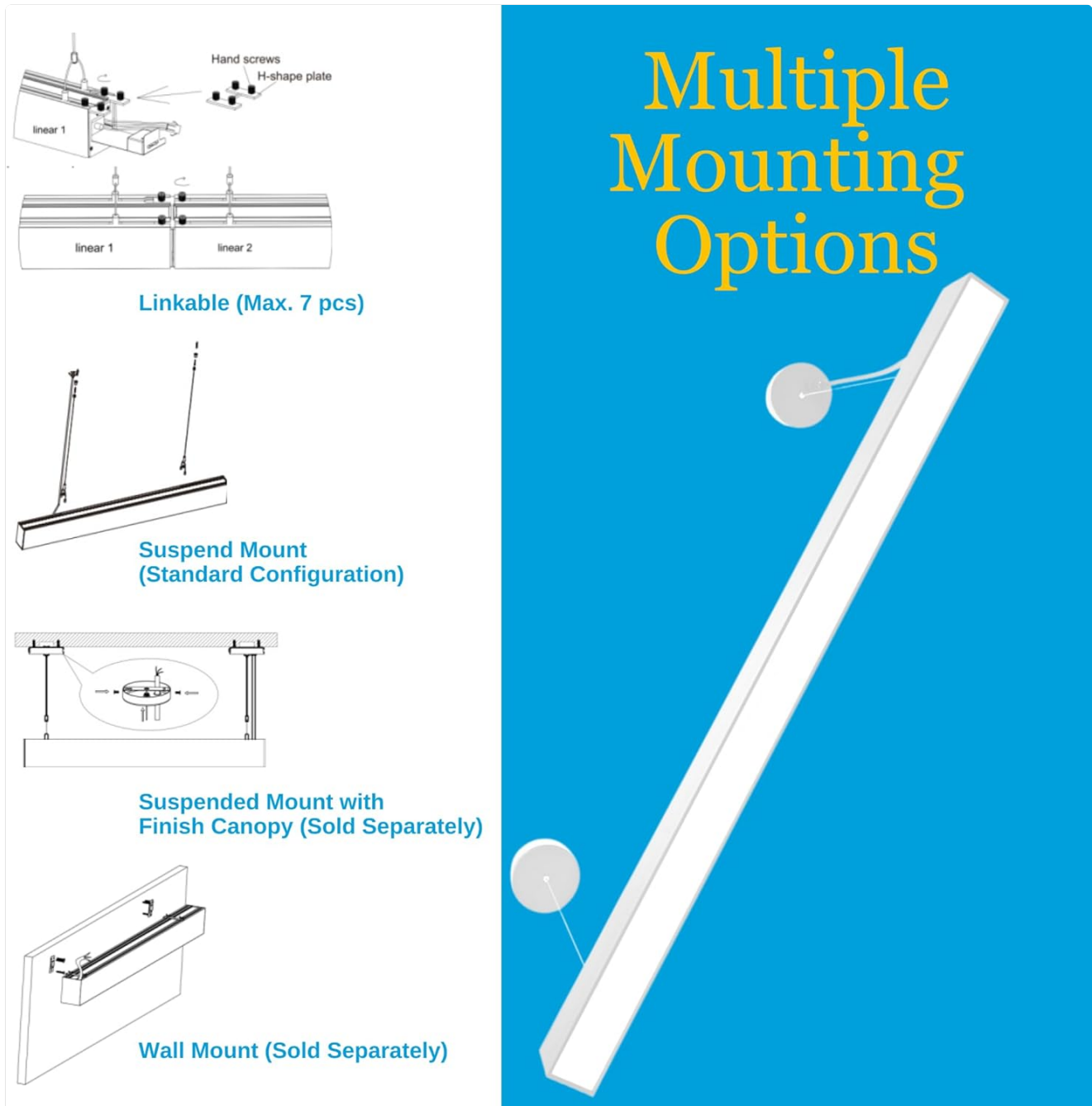


Image 4.1: Visual guide to the various mounting configurations, including suspend, wall, and linkable options.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Once installed and wired correctly, the fixture will power on when the connected circuit is energized. Use the wall switch or dimmer control to turn the light on or off.

5.2 Color Temperature Adjustment (CCT Tunable)

This fixture allows you to select between three color temperatures to suit your preference or application needs:

- **3000K (Warm White):** Provides a warm, inviting glow, suitable for areas where a cozy atmosphere is desired.
- **4000K (Neutral White):** Offers a balanced, natural white light, ideal for general illumination in offices and commercial spaces.
- **5000K (Daylight):** Delivers a bright, crisp white light, excellent for task lighting and areas requiring high visibility.

Refer to the specific instructions provided with your fixture for the method of adjusting the color temperature, which typically involves a switch on the fixture itself or a compatible control system.



Color Temperature Adjustable

Select Between

Warm White

3000k

Bright White

4000k

Daylight

5000k

Image 5.1: Visual representation of the 3000K, 4000K, and 5000K color temperature options.

5.3 Dimmable Functionality

The LumeGen LED Linear Light is designed to be dimmable. To utilize this feature, a compatible 0-10V dimmer (sold separately) must be installed and wired correctly. Adjust the dimmer control to achieve your desired brightness level.

6. MAINTENANCE

The LumeGen LED Linear Light requires minimal maintenance due to its long-lasting LED technology. Follow these guidelines to ensure optimal performance:

- **Cleaning:** Periodically wipe the fixture with a soft, dry, or slightly damp cloth to remove dust and dirt. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power immediately and consult a qualified technician.
- **LED Replacement:** The LEDs in this fixture are designed for a long lifespan (50,000 hours) and are not user-replaceable. If the light fails, the entire fixture may need to be replaced.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Loose wiring; Faulty switch/dimmer; Damaged fixture.	Check circuit breaker; Verify all wiring connections; Test switch/dimmer; Contact support if fixture is damaged.
Light flickers or dims unexpectedly.	Incompatible dimmer; Loose wiring; Voltage fluctuations.	Ensure 0-10V dimmer is used; Check wiring connections; Consult electrician for voltage issues.
Incorrect color temperature.	CCT switch set incorrectly.	Adjust the CCT switch on the fixture to the desired setting (3000K/4000K/5000K).
Light output is lower than expected.	Dimmer set too low; Dust accumulation on fixture.	Increase dimmer setting; Clean the fixture surface.

If troubleshooting steps do not resolve the issue, please contact LumeGen customer support.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

LumeGen products are manufactured to the highest quality standards. For specific warranty details regarding your LED Linear Light, please refer to the warranty card included with your purchase or visit the official LumeGen website. Typically, LED fixtures come with a limited warranty covering defects in materials and workmanship.

8.2 Customer Support

For technical assistance, installation queries, or warranty claims, please contact LumeGen customer support:

- **Website:** [Visit the LumeGen Store on Amazon](#)
- **Email:** Refer to your product packaging or the LumeGen website for contact email.
- **Phone:** Refer to your product packaging or the LumeGen website for contact phone number.

Please have your model number (LG-LS4-40W-30K/40K/50K-W) and purchase date available when contacting support.

