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ASD LSF5 4FT | A-LSF5-4A44AC

ASD LED Linear Strip Light LSF5 4FT User Manual

Model: LSF5 4FT | Part Number: A-LSF5-4A44AC

Brand: ASD

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of the ASD LED Linear Strip Light, Model LSF5 4FT. This fixture is designed for commercial and industrial applications, offering adjustable color temperature and power output, along with dimmable functionality. Please read this manual thoroughly before installation and retain it for future reference.



Image 1.1: The ASD LED Linear Strip Light (LSF5 4FT) and its product packaging.

2. SAFETY INFORMATION

To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and on the fixture box and all fixture labels.

- Installation must be performed by a qualified electrician in accordance with the National Electrical Code (NEC) and local code requirements.
- Disconnect power at the fuse or circuit breaker before installation or servicing.
- Ensure the supply voltage is correct by comparing it with the luminaire label information. This fixture operates on 120-277V circuits.
- Do not handle energized fixtures with wet hands or when standing on wet or damp surfaces.
- Do not modify or alter the wiring, enclosure, or components of the fixture.
- Wear safety glasses and gloves during installation and maintenance.
- Keep combustible and other materials that can burn away from the lamp and lens.

- This fixture is rated for Damp Locations. Do not install in areas with direct water exposure.

3. PRODUCT FEATURES

The ASD LED Linear Strip Light LSF5 series offers advanced features for versatile lighting solutions:

- **Durable Commercial Grade Housing:** Resistant to rust and impact, ensuring longevity in various environments.
- **Anti-Glare PMMA Lens:** Provides even light distribution, reducing harsh glare for improved visual comfort.
- **Color and Power Selectable:** Easily adjust between 3500K (neutral white), 4000K (cool white), or 5000K (daylight) color temperatures, and select desired power output (44W, 36W, 28W, 22W) via simple switches.
- **Linkable Design:** Multiple fixtures can be connected together using an optional connection bracket (ASIN B0D7MM6P9G, sold separately) for continuous lighting runs.
- **Dimmable:** Features a 0-10V dimmable driver for adjustable brightness.
- **Certifications:** UL and DLC Standard certified, guaranteeing product quality and safety.



Image 3.1: Overview of the key features of the LSF5 LED Linear Strip Light.



DURABLE COMMERCIAL GRADE HOUSING

resistant to rust and impact

Image 3.2: The durable commercial grade housing of the fixture, resistant to rust and impact.



ANTI-GLARE PMMA LENS

with even light distribution

Image 3.3: The anti-glare PMMA lens ensures even light distribution.

4. SETUP AND INSTALLATION

Refer to the official user manual PDF for complete installation instructions. A qualified electrician should perform all electrical work.

General Installation Steps:

- Mounting:** The fixture can be ceiling mounted. Insert the chain on each hook and insert the hook into the installation holes. Attach the chain to the ceiling and adjust until balanced and secure.
- Wiring:** Connect wires from the fixture to the power supply. Ensure all connections are secure and contained within a metal or plastic wire hose.

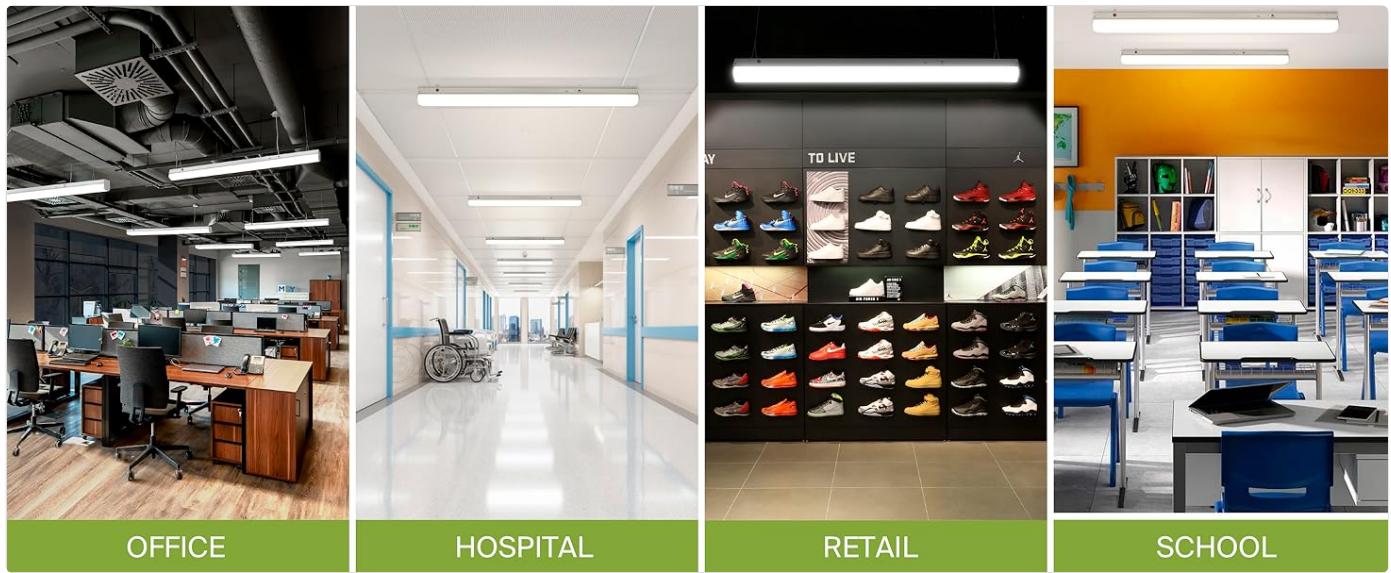


Image 4.1: Basic installation steps for the linear strip light.

For detailed instructions and diagrams, please download the full user manual PDF [Download User Manual \(PDF\)](#)

Linkable Design:

The fixture supports linking multiple units for extended lighting. An optional connection bracket (ASIN B0D7MM6P9G) is required for this feature.



LINKABLE DESIGN

Image 4.2: Illustration of the linkable design for connecting multiple fixtures.

5. OPERATING INSTRUCTIONS

The ASD LED Linear Strip Light features adjustable color temperature and power settings, along with dimmable functionality.

Color and Power Selection:

Located on the fixture, there are switches to select the desired color temperature (3500K, 4000K, 5000K) and power output (44W, 36W, 28W, 22W). Adjust these switches before final installation or when power is disconnected to set your preferred lighting characteristics.

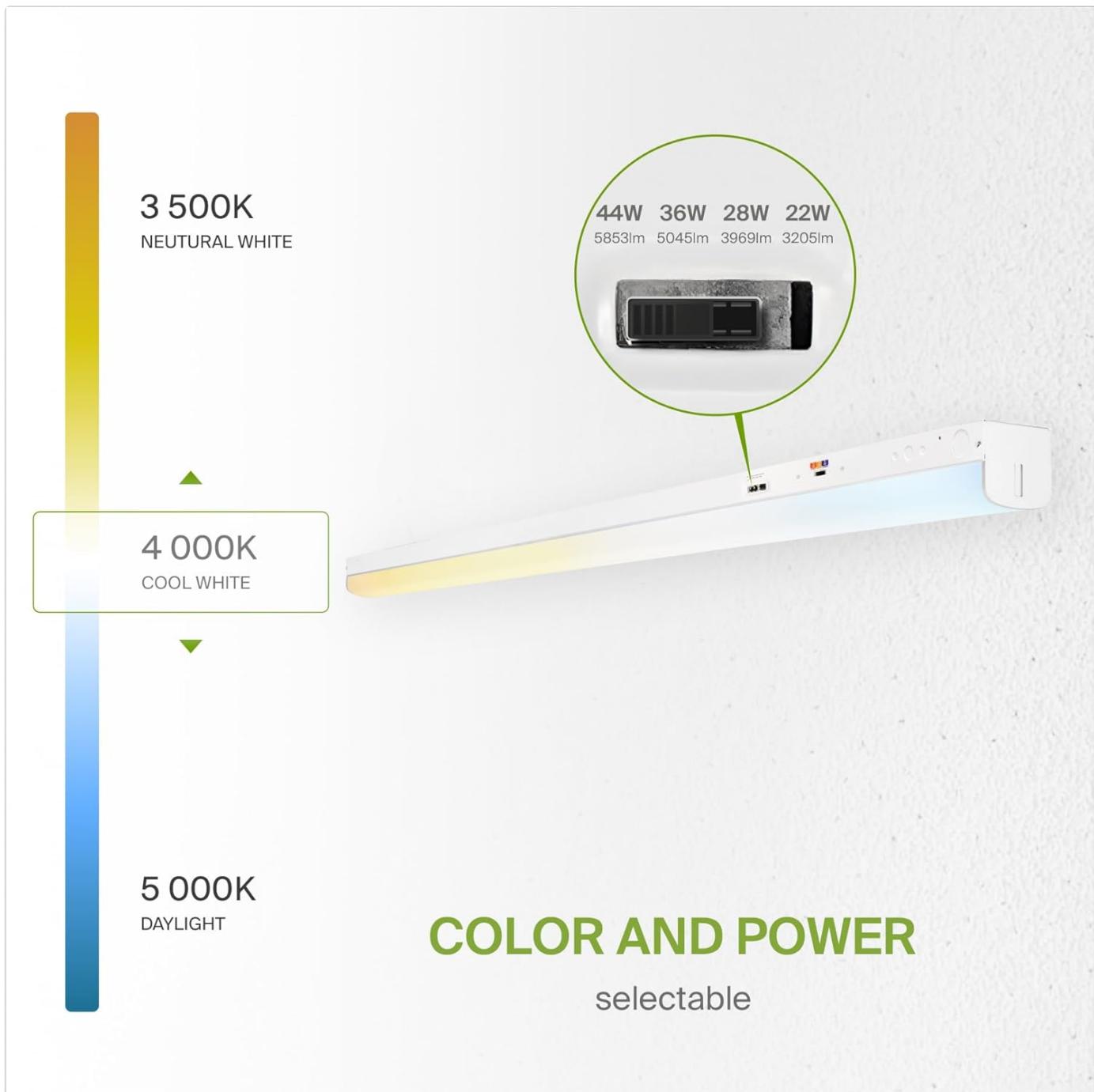


Image 5.1: Switches for adjusting color temperature and power output.

Dimming:

This fixture is compatible with 0-10V dimmers. Connect the dimming wires to a compatible 0-10V dimmer switch to control the brightness level. Ensure the dimmer is installed according to its manufacturer's instructions and local electrical codes.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your LED Linear Strip Light.

- **Cleaning:** Clean the fixture and lens periodically with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or lens. Ensure the fixture is cool and power is disconnected before cleaning.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose wiring, or mounting issues. Address any concerns promptly.
- **No User-Serviceable Parts:** The LED components are integrated and not user-replaceable. Do not attempt to open or repair the fixture.

7. TROUBLESHOOTING

If you encounter issues with your ASD LED Linear Strip Light, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty switch or circuit breaker	Check power source and circuit breaker. Verify all wiring connections are secure (ensure power is off). Test the switch or circuit breaker.
Light flickers or dims inconsistently	Incorrect dimmer type Loose wiring Voltage fluctuations	Ensure a compatible 0-10V dimmer is used. Check all wiring connections. Consult an electrician to check supply voltage stability.
Incorrect color temperature or brightness	Switches set incorrectly	Ensure power is off, then check and adjust the color and power selection switches on the fixture.
Fixture is making unusual noises	Loose components Electrical issue	Disconnect power immediately. Contact a qualified electrician or customer support.

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

8. SPECIFICATIONS

Detailed technical specifications for the ASD LED Linear Strip Light LSF5 4FT:

PRODUCT SPECIFICATION



120-277V
Voltage



0-10V
dimming



Damp
locations

4ft

Size

44-36-28-22W

Power Adjustable

3CCT

Color Selectable

5853lm

Brightness

Image 8.1: Product dimensions and key electrical specifications.

Attribute	Value
Brand	ASD
Model Name	LSF5
Part Number	A-LSF5-4A44AC
Size	4FT 1pk
Material	Metal, PMMA
Product Dimensions (L x W x H)	46.6" x 2.6" x 2.7" (1184mm x 66mm x 69mm)
Power Source	Hardwired
Voltage	120-277 Volts

Attribute	Value
Wattage	44 watts (Adjustable: 44W, 36W, 28W, 22W)
Brightness	5853 Lumen (at 44W)
Efficiency	133.02 lumens per watt
Color Temperature	3500K, 4000K, 5000K (Selectable)
Average Life	54,000 Hours
Control Method	Touch (for internal switches), 0-10V Dimming
Indoor/Outdoor Usage	Indoor (Damp Locations rated)
Mounting Type	Ceiling Mount
Included Components	LED Light Fixture, Power Cord
UPC	810050730242

9. WARRANTY AND SUPPORT

ASD provides a **5-year limited warranty** for the LED Linear Strip Light LSF5 series. This warranty covers defects in materials and workmanship under normal use and service.

For warranty claims, technical support, or any inquiries regarding your product, please refer to the contact information provided with your purchase or visit the official ASD Lighting website. Always have your model number (LSF5 4FT) and part number (A-LSF5-4A44AC) available when contacting support.

Additional resources, including the full user manual, can be found at:

<https://manuals.plus/m/5657f7657b7d741b74563f1d23c538ab614a5eaf48d2195c16700179173421f5>

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Related Documents - LSF5 4FT | A-LSF5-4A44AC

	<p>ASD LED Linear High Bay with Q-Base: Specifications and Installation Guide</p> <p>Comprehensive guide to ASD's LED Linear High Bay with Q-Base, detailing product specifications, features, installation instructions, and ordering information. Covers energy efficiency, selectable power and color temperature, motion sensor options, and battery backup.</p>
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	<p>ASD LED Downlight Retrofit Kit: Color Selectable, Dimmable, Energy Efficient Lighting</p> <p>Discover the ASD LED Downlight Retrofit Kit, featuring classic design, 5CCT color selectable options, smooth dimming, and easy installation. Ideal for wet locations, with a 50,000-hour lifespan and UL certification. Explore specifications and ordering information.</p>
	<p>ASD LED Troffer Light - High-Quality Commercial Lighting</p> <p>Discover the ASD LED Troffer Light, a versatile and energy-efficient lighting solution for commercial and industrial spaces. Featuring selectable color temperature and power, built-in battery backup, and a durable design, this troffer light offers superior performance and longevity. Learn about its technical specifications, installation guide, and product presentation.</p>
	<p>ASD LED Wall Sconce Modern Design, Color Selectable, Dimmable Lighting</p> <p>Explore the ASD LED Wall Sconce (Model ASD-LWS-11-D15CC series) for modern, energy-efficient lighting. Features color-selectable CCT, TRIAC dimming, 50,000-hour lifespan, ETL & Energy Star certification.</p>
	<p>ASD New Construction Flat Mounting Plate Installation Guide and Specifications</p> <p>Comprehensive guide to the ASD New Construction Flat Mounting Plate, detailing its design, application, specifications, package contents, and installation steps for LED recessed lighting. Includes product legend and ordering information.</p>
	<p>ASD LED Seamless Vapor Proof Fixture - Product Specifications and Installation Guide</p> <p>Detailed specifications, features, and installation guide for the ASD LED Seamless Vapor Proof Fixture. Includes information on design, battery backup, color and power selection, applications, advantages, product presentation, ordering information, electrical and environmental specifications, annexes, package contents, and motion sensor information.</p>