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› Allsmartlife LED Linear High Bay Shop Light KLHBLFS-300 User Manual

Allsmartlife KLHBLFS-300

Allsmartlife LED Linear High Bay Shop Light KLHBLFS-300 User Manual

Model: KLHBLFS-300 | Brand: Allsmartlife

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Allsmartlife LED Linear High Bay Shop Light, Model KLHBLFS-300. Please read these instructions thoroughly before installation and retain them for future reference.

The Allsmartlife LED Linear High Bay Shop Light is designed for high-efficiency illumination in various commercial and industrial settings, including garages, basements, shops, warehouses, and workshops. It features 300W power, 40500 lumens brightness, 5000K daylight color temperature, 0-10V dimmable functionality, and an adjustable tilt design.

IMPORTANT SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power before installation or servicing.
- Installation should be performed by a qualified electrician in accordance with national and local electrical codes.
- Ensure the supply voltage is compatible with the fixture's requirements (100-277V AC, 50/60Hz).
- Do not handle live wires.
- Do not install near heat sources or in areas with excessive moisture.
- Wear safety glasses and gloves during installation.
- This fixture is suitable for indoor use and dry/damp locations.

WHAT'S IN THE BOX

- LED Linear High Bay Light (2 units for 2-Pack)
- Mounting Hardware (Chains, Hooks, Pendant Kit)
- Power Cord
- Instruction Manual (This document)

EASY INSTALLATION

Includes Mounting Accessories



Chain X2



Hook X2



Pendant Kit X4



Power Cord X1

High Efficiency
2835 LEDs

Image: Contents of the product package, including the LED fixture, mounting chains, hooks, pendant kit, and power cord.

SETUP AND INSTALLATION

The Allsmartlife LED Linear High Bay Shop Light offers versatile installation options, including hanging mount and drop mount. Ensure the mounting surface can support the weight of the fixture.

1. Wiring Preparation

- 1. Disconnect Power:** Before beginning any electrical work, ensure the power supply to the installation area is turned off at the circuit breaker.
- 2. Access Wiring Compartment:** Locate the wiring compartment cover on the back of the fixture. Unscrew the retaining screw and remove the cover to expose the internal wiring.
- 3. Connect Wires:** Connect the power supply wires to the fixture's wires using appropriate wire connectors (provided). Match the colors: black to black (live), white to white (neutral), and green to green (ground). The fixture also includes wires for 0-10V dimming (purple and pink/gray), which should be connected to a compatible dimming switch if dimming functionality is desired. If not using dimming, cap these wires individually.

4. **Secure Wiring:** Carefully tuck all connected wires into the wiring compartment. Ensure no wires are pinched.
5. **Replace Cover:** Reattach the wiring compartment cover and secure it with the screw.

Your browser does not support the video tag.

Video: Demonstrates the wiring process for the LED Linear High Bay Light, showing how to access the wiring compartment, connect the power and dimming wires, and secure the cover.

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Video: Illustrates the wiring connections for the LED Linear High Bay Light, detailing the process of connecting power and dimming wires.

2. Mounting the Fixture

1. **Attach Mounting Hooks:** Securely attach the provided mounting hooks to the designated points on the fixture.
2. **Install Chains:** Connect the chains to the mounting hooks on the fixture.
3. **Hang Fixture:** Attach the chains to a secure ceiling structure or appropriate mounting hardware. Adjust the chain length to achieve the desired hanging height.

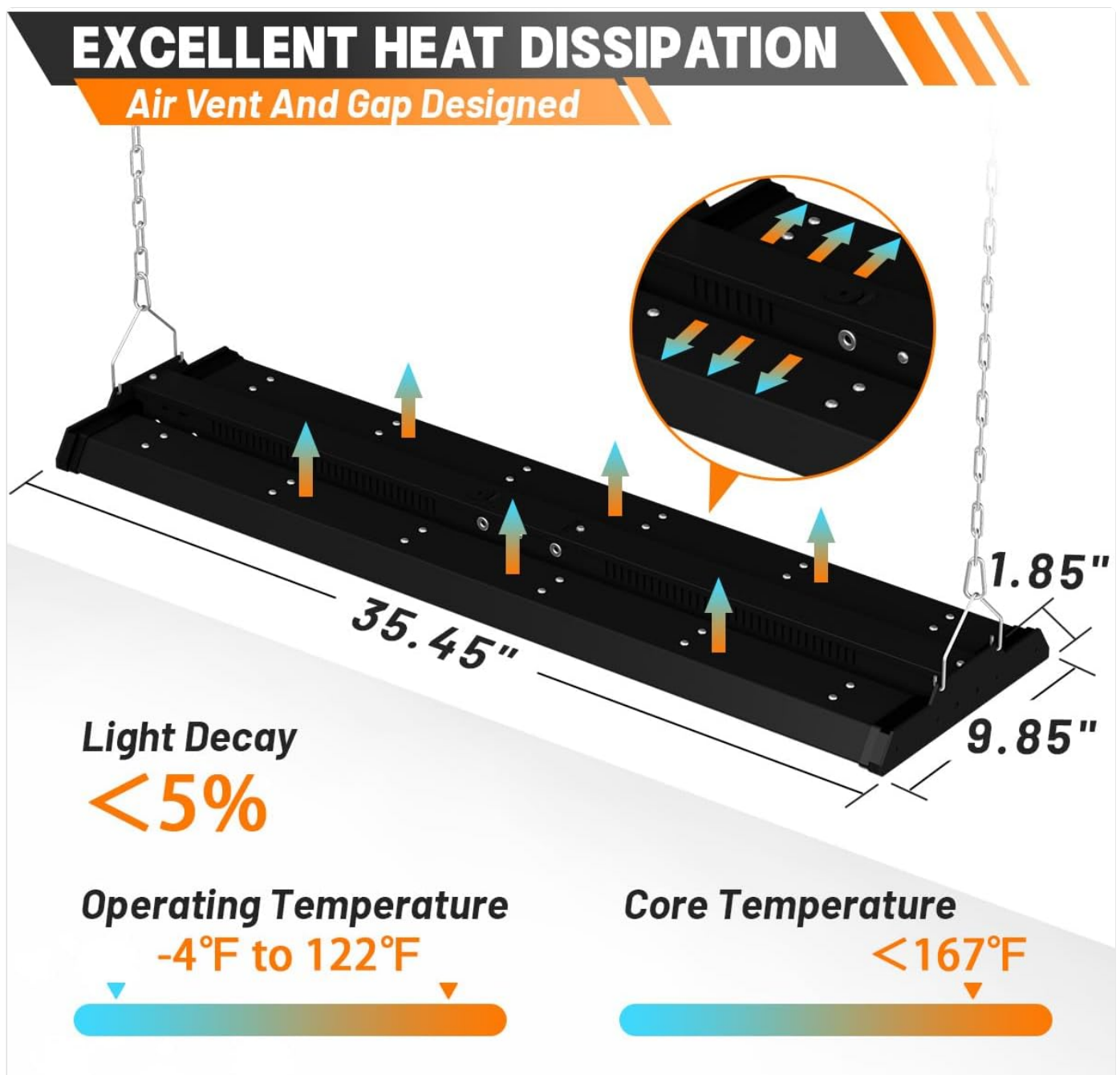


Image: The LED Linear High Bay Shop Light installed and hanging from the ceiling using chains.

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Video: Shows the installation of the LED high bay light, including attaching the chains and hanging the fixture.

OPERATING INSTRUCTIONS

1. Powering On/Off

Once installed and wired correctly, restore power at the circuit breaker. The light can then be controlled via a wall switch or a connected dimming system.

2. Adjusting Wattage

The fixture features a selectable wattage switch, allowing you to choose between 300W, 240W, and 200W to suit your lighting needs and energy consumption preferences. This switch is located on the back of the fixture, accessible after installation.

THREE WATTAGE SELECTABLE



Image: Diagram illustrating the three selectable wattage options (300W, 240W, 200W) for the LED fixture.

3. Dimmable Functionality

This light supports 0-10V dimming, providing smooth, flicker-free dimming from 10% to 100%. Connect the purple and pink/gray

wires to a compatible 0-10V dimming switch for this feature.

BRIGHT & 0-10V DIMMABLE



Image: The LED fixture demonstrating its 0-10V dimmable range, from minimum to maximum brightness.

4. Adjustable Light Angle

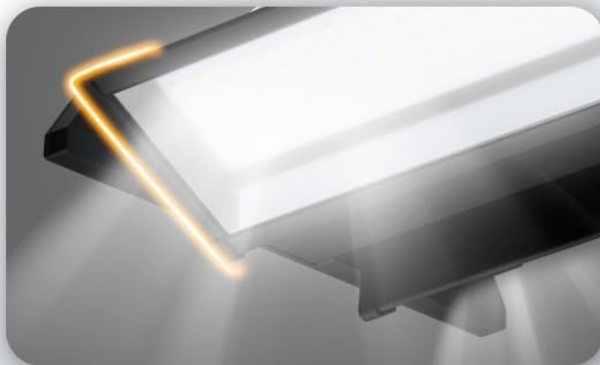
The LED panels on the fixture can be adjusted up to 180 degrees, allowing you to direct light precisely where needed. Gently pivot the light panels to achieve the desired angle.

ADJUSTABLE LIGHTING

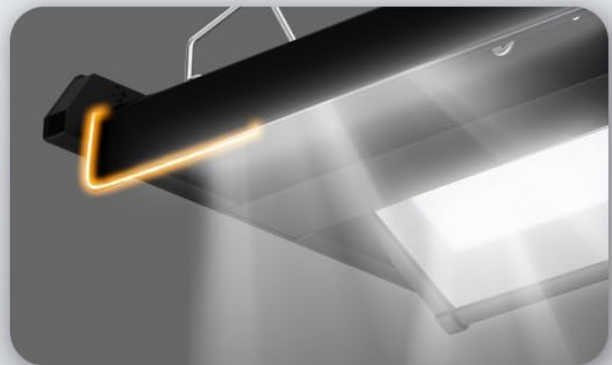
Rotating
Angle
180°

180°

180°



Rotate Outward



Rotate Inwards

Image: The LED fixture's panels can be rotated 180 degrees to direct light.

MAINTENANCE

- **Cleaning:** Ensure power is disconnected before cleaning. Use a soft, dry cloth to wipe the fixture. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the fixture and wiring for any signs of damage or wear. Address any issues promptly.
- **LED Longevity:** The LED chips are designed for a long lifespan (50,000 hours) and do not require replacement under normal operating conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	No power supply; incorrect wiring; faulty switch.	Check circuit breaker; verify wiring connections; test switch functionality.
Light flickers.	Loose wiring connection; incompatible dimmer switch.	Check all wiring connections; ensure dimmer is 0-10V compatible.
Light is too dim/bright.	Incorrect wattage setting; dimmer setting.	Adjust the wattage switch on the fixture; adjust the dimmer switch.

SPECIFICATIONS

- **Model:** KLHBLFS-300
- **Power:** 300W (Selectable: 300W/240W/200W)
- **Brightness:** 40500 Lumens (at 300W)
- **Color Temperature:** 5000K Daylight
- **Voltage:** 100-277V AC, 50/60Hz
- **Dimmable:** 0-10V
- **Material:** Aluminum, PMMA Shade
- **Product Dimensions:** 35.45"L x 9.85"W x 1.85"H
- **Item Weight:** 20.8 pounds
- **Lifespan:** 50,000 Hours
- **Certifications:** ETL
- **Installation Type:** Hanging Mount/Drop Mount
- **Special Features:** Adjustable Light Angle, Dimmable, Easy to Install, Energy Efficient

LED LINEAR HIGH BAY LIGHT

Max Power: **300W**

Max Brightness: **40500LM**

Color Temperature: **5000K**



300W
240W
200W



40500LM
32400LM
27000LM



5000K



0-10V
Dimmable



100-277V



Beam Angle
110°

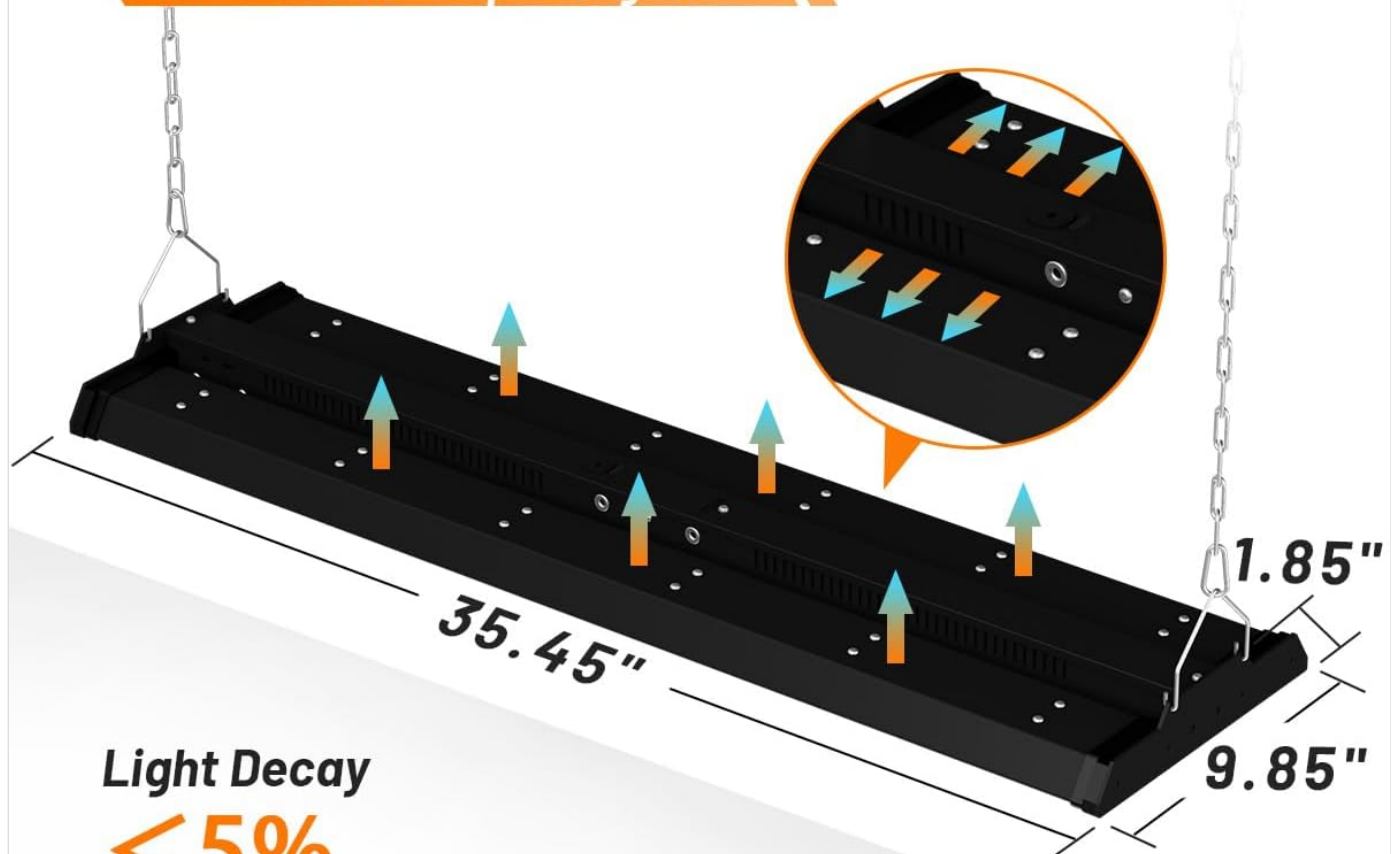


CRI 80+

Image: Overview of the LED Linear High Bay Light's main specifications and features.

EXCELLENT HEAT DISSIPATION

Air Vent And Gap Designed



Light Decay

<5%

Operating Temperature

-4°F to 122°F

Core Temperature

<167°F

Image: Detailed dimensions and heat dissipation design of the LED Linear High Bay Light.

WARRANTY AND SUPPORT

This Allsmartlife LED Linear High Bay Shop Light comes with a **5-year warranty**. For warranty claims, technical support, or any inquiries, please contact Allsmartlife customer service through the retailer's platform or visit the official Allsmartlife store.

Allsmartlife Store: <https://www.amazon.com/stores/Allsmartlife/page/532861E9-BD55-43C6-9AB3-CF03388E72E1>

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question