

HYPRELITE LHB-300W-1P

HYPRELITE LED Linear High Bay Light User Manual

Model: LHB-300W-1P

Brand: HYPRELITE

INTRODUCTION

Thank you for choosing the HYPRELITE LED Linear High Bay Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting fixture. Designed for optimal illumination in large spaces, this 300W LED light delivers 40,500 lumens with a 5000K daylight color temperature, ensuring bright and shadow-free lighting. Its robust construction and energy-efficient design make it an ideal solution for garages, workshops, warehouses, and other commercial environments.



Figure 1: HYPRELITE LED Linear High Bay Light

SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Always disconnect power before installing, servicing, or cleaning the fixture.
- Ensure the power supply voltage matches the fixture's requirements (120-277V).
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- Do not operate the fixture with a damaged cord or plug.
- Avoid direct eye exposure to the light source when the fixture is on.
- Do not modify the fixture in any way.
- Keep the fixture away from flammable materials.

WHAT'S IN THE Box

Verify that all components are present and undamaged upon opening the package.

- 1 x 300W RAY Series Linear High Bay Light
- 1 x Hanging Chain
- 1 x V-Shaped Hook
- 1 x Instruction Manual (this document)

SETUP AND INSTALLATION

The HYPERLITE Linear High Bay Light is designed for easy "Plug & Play" installation, primarily via suspension hanging.

Installation Steps:

1. **Attach V-shaped hooks to the light:** Securely fasten the V-shaped hooks to the designated mounting points on the top of the light fixture.

Plug and Play



- Fix V-shaped hook and hanging chains:** Attach the hanging chains to the V-shaped hooks. Ensure the chains are securely connected.
- Secure chains to the ceiling:** Mount the other end of the hanging chains to a sturdy ceiling structure using appropriate hardware (not included). Ensure the mounting points can support the weight of the fixture (approximately 11.6 pounds).
- Plug in the power cord:** Once the fixture is securely suspended, plug the standard US plug into a compatible power outlet. This completes the electrical connection without complex wiring.

Dimensions

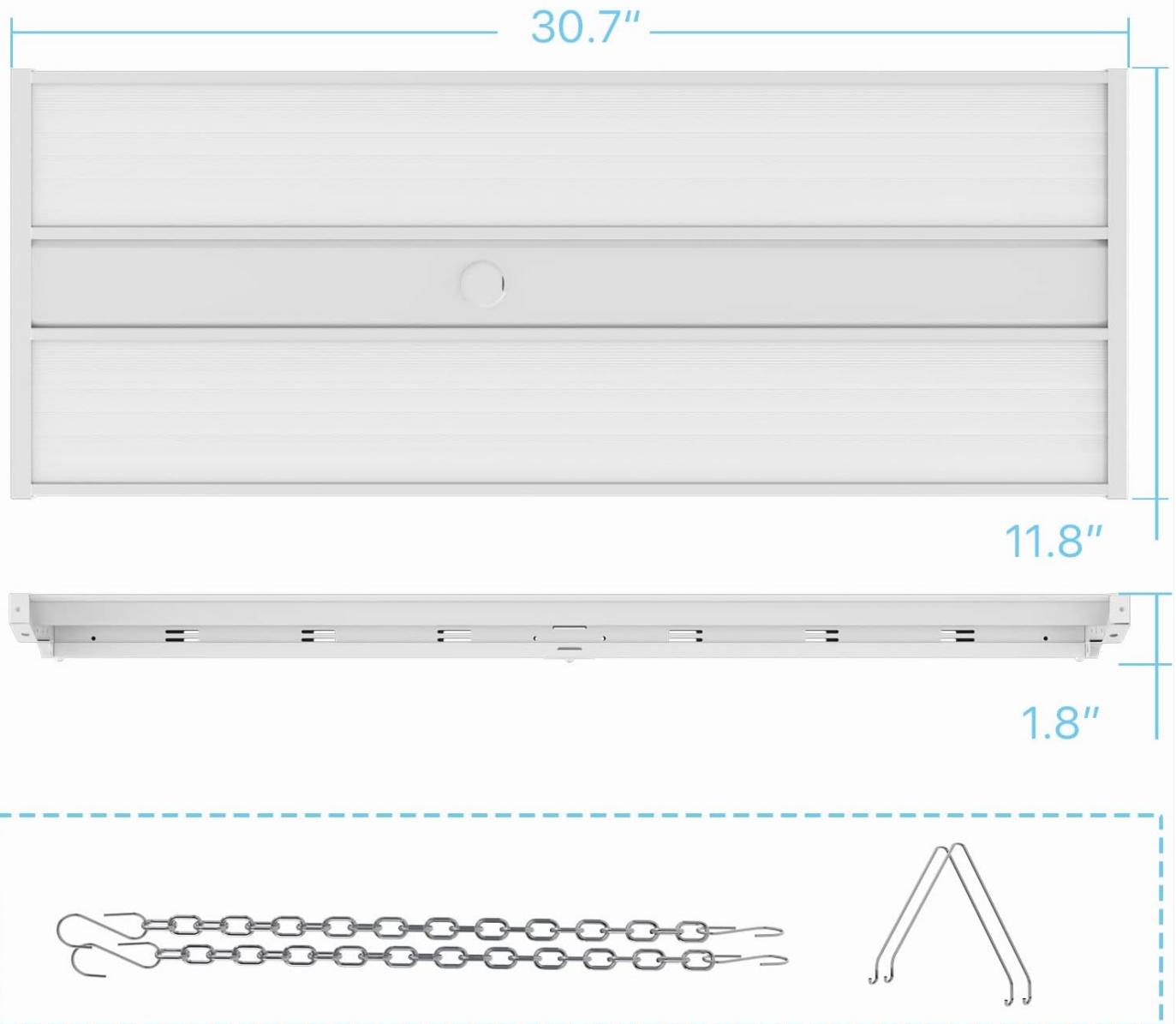
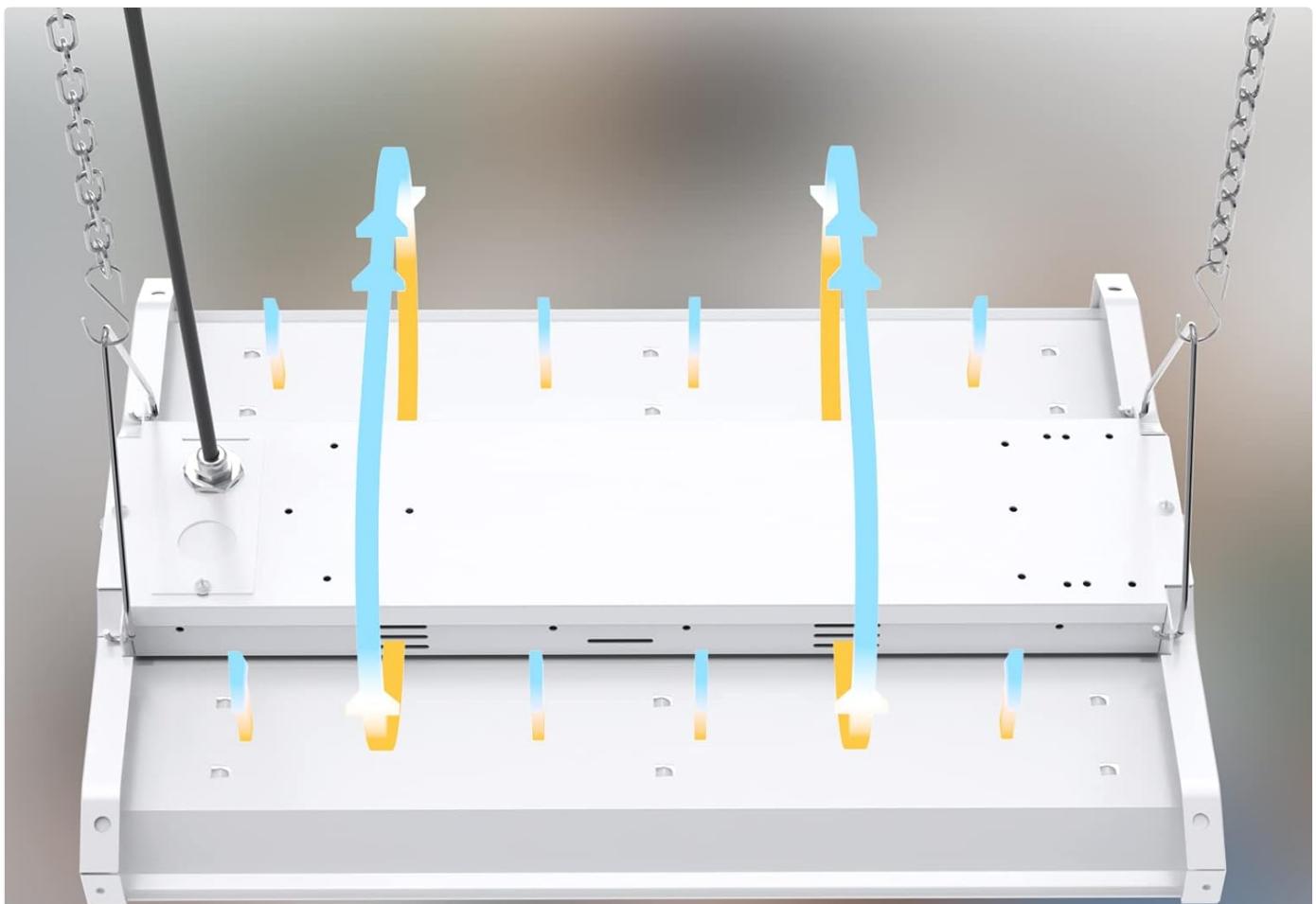


Figure 3: Product Dimensions (30.7" L x 11.8" W x 1.8" H)

The fixture features an advanced heat dissipation system with air vents and gaps designed to maintain optimal operating temperature, extending the lifespan of the LED chips.



Amazing Heat Dissipation



Air vent and gap designed
-20°C TO 50°C / -4°F to 122°F

Figure 4: Amazing Heat Dissipation Design

OPERATING INSTRUCTIONS

The HYPERLITE LED Linear High Bay Light is designed for straightforward operation.

Power On/Off:

To turn the light on or off, use the wall switch connected to the power outlet where the fixture is plugged in.

1-10V Dimming Function:

This fixture supports 1-10V dimming. To utilize this feature, a compatible 1-10V dimmer switch (not included) must be installed and wired correctly to the fixture's dimming wires. This allows you to adjust the brightness from 10% to 100%, optimizing light levels for different tasks and saving energy.

1-10V Dimming (Dimmer not include)

- Adjust the brightness
- Save electricity bills
- Eco-friendly concept

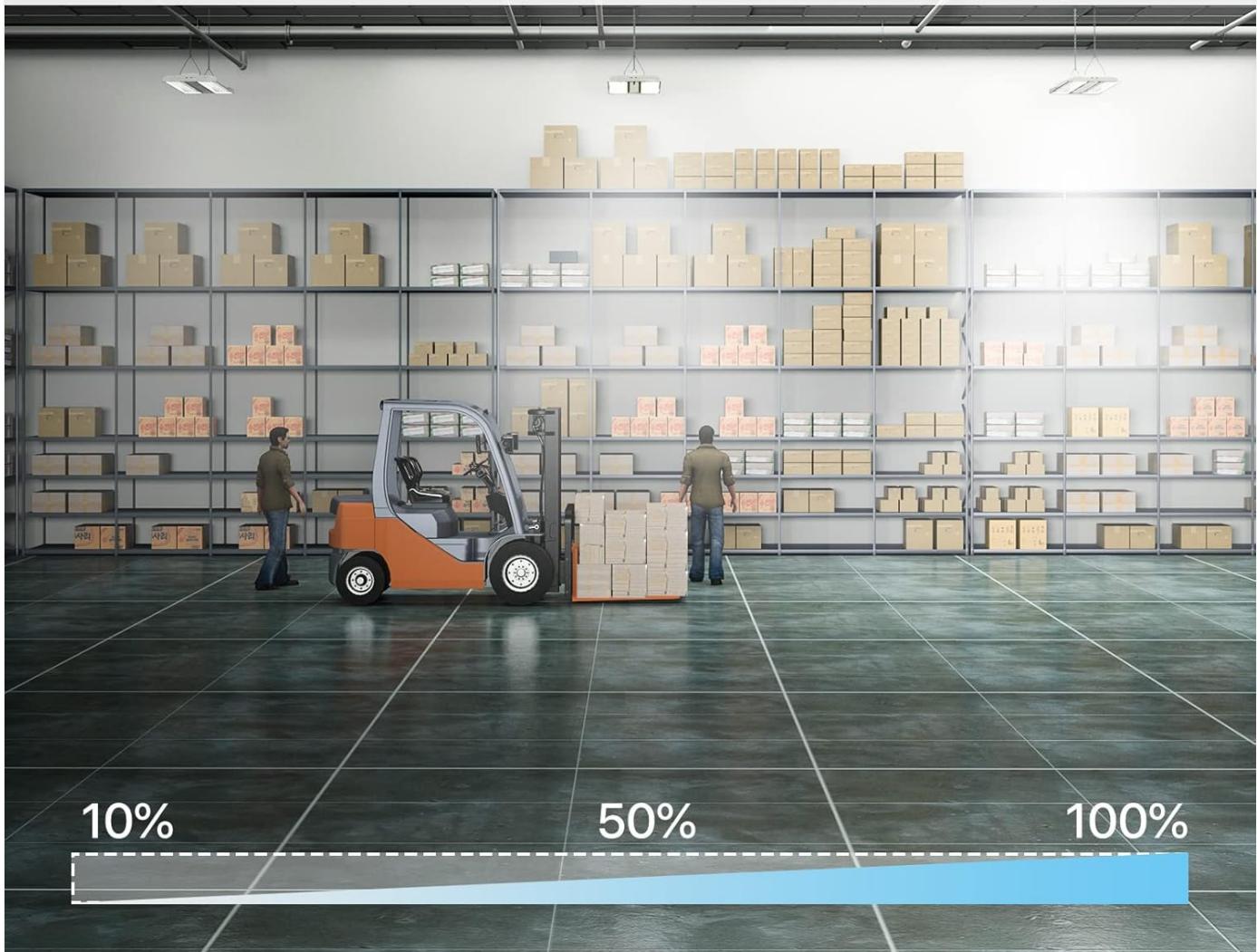


Figure 5: 1-10V Dimming Functionality

Maintenance

The HYPERLITE LED Linear High Bay Light is designed for minimal maintenance.

- **Cleaning:** Before cleaning, ensure the power is disconnected. Use a soft, dry cloth to wipe the exterior of the fixture. For stubborn dirt, a slightly damp cloth can be used, but avoid harsh chemicals or abrasive cleaners that could damage the finish or lens.
- **Inspection:** Periodically inspect the hanging chains and V-hooks for any signs of wear or damage. Ensure all connections remain secure.
- **LED Lifespan:** The integrated LED driver is designed for a long lifespan of over 100,000 hours, minimizing the need for bulb replacement.

LED Driver

Provide **100,000+** hours lifetime

Support 120V-277V input



Figure 6: Long-lasting LED Driver

TROUBLESHOOTING

If you encounter issues with your HYPERLITE LED Linear High Bay Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty outlet.	Check if the power cord is securely plugged in. Verify the wall switch is on. Test the outlet with another device. Check circuit breaker.
Light flickers or is dim.	Unstable power supply, incompatible dimmer, loose wiring.	Ensure the power supply is stable. If using a dimmer, confirm it is a 1-10V compatible dimmer. Check all electrical connections.

Problem	Possible Cause	Solution
Light is not dimmable.	Incorrect dimmer type, dimmer not connected.	This fixture requires a 1-10V dimmer. Standard household dimmers are not compatible. Ensure the 1-10V dimmer is properly installed and wired to the fixture's dimming leads.
Unusual noise from fixture.	Loose components, electrical issue.	Immediately disconnect power. Inspect the fixture for any loose parts. If the noise persists after reconnecting power, contact customer support.

If the problem persists after attempting these solutions, please contact HYPERLITE customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	HYPERLITE
Model Name	300W led linear high bay light 1Pack
Item Model Number	LHB-300W-1P
Wattage	300 Watts
Brightness	40500 Lumens
Efficiency	135 LM/W
Color Temperature	5000 Kelvin (Daylight)
Voltage	120-277 Volts
Dimmable	Yes, 1-10V Dimmable
Average Life	100,000 Hours
Material	Metal
Product Dimensions	30.7" L x 11.8" W x 1.8" H
Item Weight	11.6 Pounds
Installation Type	Suspension Hanging
Special Features	Anti-glare Lens, Less than 5% Decay
Recommended Uses	Indoor shop, barn, garage, warehouse, factory

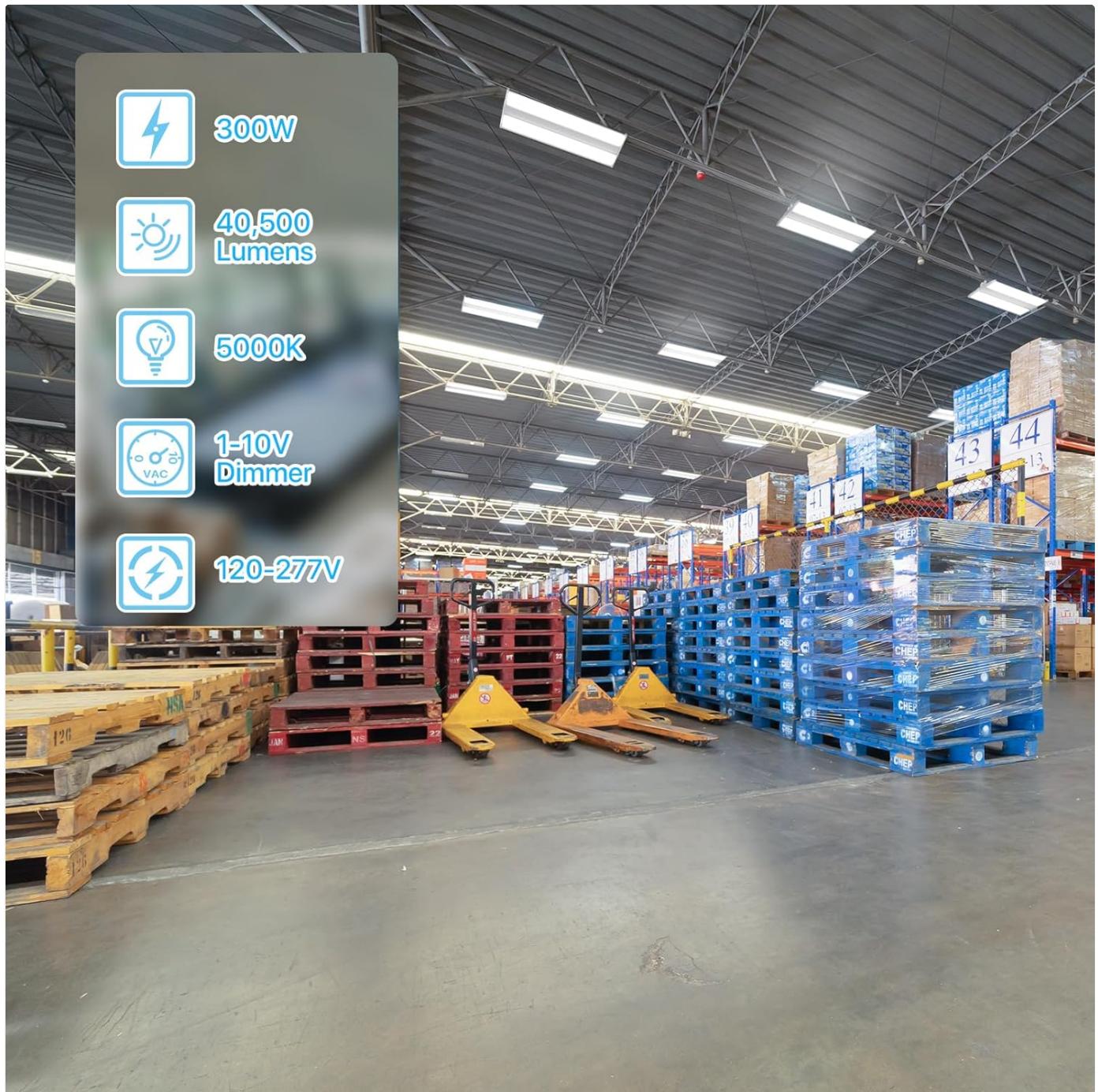


Figure 7: Key Product Specifications

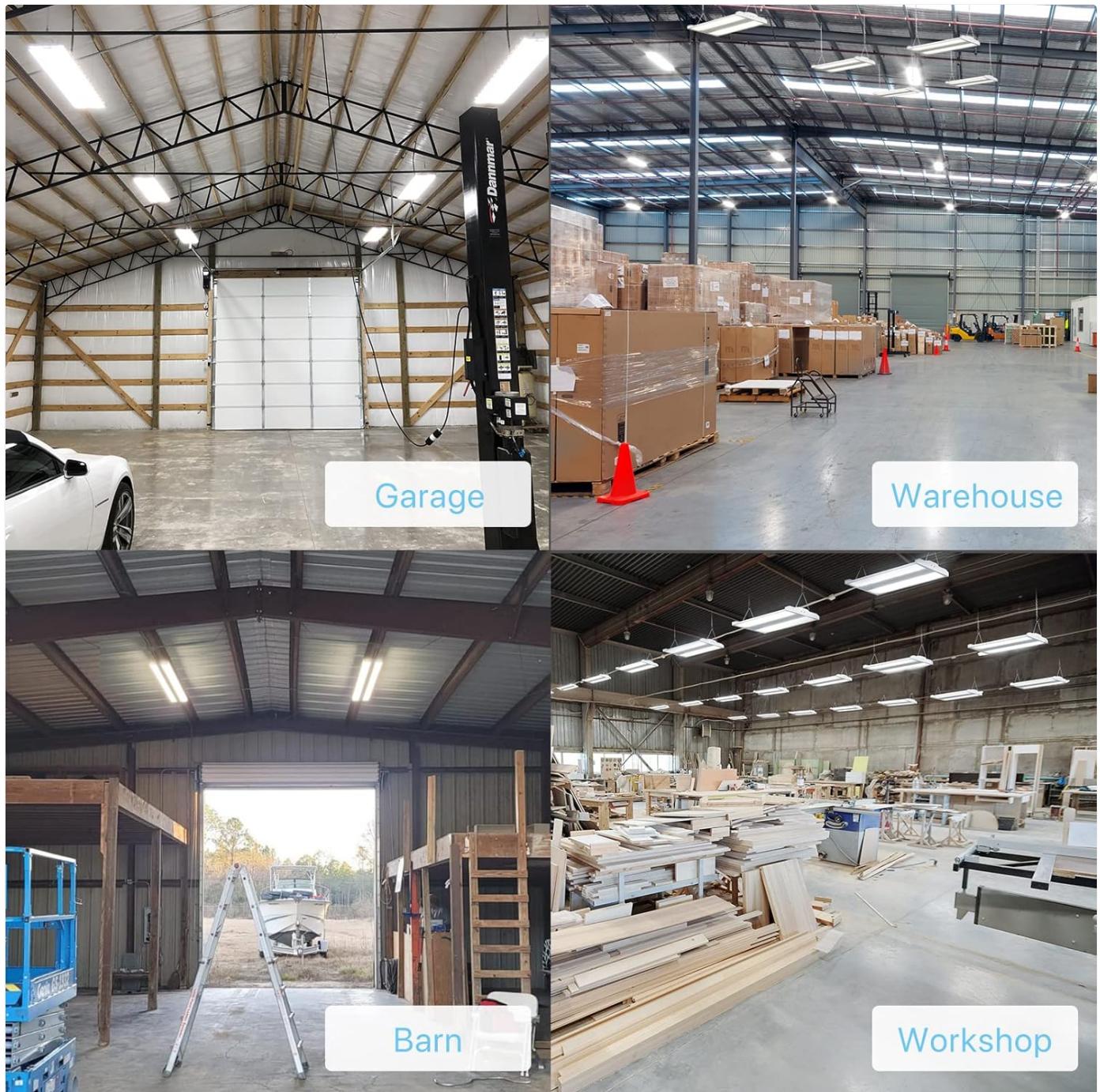


Figure 8: Typical Application Environments

WARRANTY

HYPERLITE offers a comprehensive **5-year warranty** for this LED Linear High Bay Light. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official HYPERLITE website or contact customer support.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty inquiries, please contact HYPERLITE customer support.

- **Online Support:** Visit the official HYPERLITE website for FAQs, product information, and contact forms.
- **Brand Store:** You can also find more information and products at the [HYPERLITE Amazon Store](#).

Our team is dedicated to providing prompt and helpful assistance to ensure your satisfaction with HYPERLITE products.

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