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Amico HS-STC512WH

Amico UFO LED High Bay Light User Manual

Model: HS-STC512WH
Brand: Amico

1. PRODUCT OVERVIEW

The Amico UFO LED High Bay Light is a high-performance lighting fixture designed for commercial and industrial applications. It provides powerful, efficient illumination suitable for large spaces such as workshops, warehouses, barns, factories, and gymnasiums. This manual provides essential information for the safe and effective installation, operation, and maintenance of your high bay light.



Figure 1.1: Amico UFO LED High Bay Lights (10-pack). These lights are designed for broad area illumination in commercial settings.

2. KEY FEATURES

- **Durable Construction:** Built with excellent dustproof and waterproof (IP65 rated) functions, ensuring reliable performance in harsh environments.
- **Efficient Heat Dissipation:** Designed with superior heat management to prevent overheating and minimize light decay, contributing to a longer lifespan.
- **Wide Coverage:** Features a 120° beam angle for broad illumination, reducing the number of fixtures required for large spaces and lowering deployment costs.
- **High Brightness:** Delivers 21000 lumens of 5000K cool white light, providing bright, flicker-free illumination.
- **Safety Certified:** UL Listed and FCC certified, ensuring compliance with safety and quality standards.

Superior lighting performance

Beam Angle	Luminous Flux	Color temperature	Light Decay	CRI
120°	20000LM	5000K	<5%	>80

Figure 2.1: Superior lighting performance in a large commercial space. The lights provide uniform and bright illumination.

Advanced Heat Dissipation

Enhanced cooling efficiency for maximum safety

Aluminum Substrate

LED beads

Lighting reflector

Aluminum housings

Figure 2.2: Advanced heat dissipation design. Components include aluminum substrate, LED beads, lighting reflector, and aluminum housings, all contributing to efficient cooling.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- Amico UFO LED High Bay Light(s)
- LED Lens (pre-installed)
- Ring Hook (for hanging installation)
- Spring Washer
- Flat Washer

4. SPECIFICATIONS

Attribute	Value
Brand	Amico
Model Name	UFO LED High Bay Lighting
Item Model Number	HS-STC512WH
Wattage	150 watts
Brightness	21000 Lumen
Color Temperature	5000 Kelvin (Cool White)
Voltage	150 Volts (AC)
Material	Aluminum
Product Dimensions	11"L x 11"W x 2.2"H
Item Weight	28.9 pounds (for the 10-pack)
Water Resistance Level	IP65 Waterproof
Installation Type	Flush Mount & Hanging Mount
Certifications	FCC, UL

5. SETUP AND INSTALLATION

The Amico UFO LED High Bay Light supports both flush mount and hanging mount installations. Ensure power is disconnected before beginning installation.

5.1 Hanging Mount Installation

1. Identify the desired mounting location. Ensure the structure can support the weight of the fixture.
2. Attach the provided ring hook to a secure mounting point (e.g., ceiling hook, chain).
3. Securely attach the light fixture to the ring hook using the spring washer and flat washer as shown in the diagram.
4. Connect the 5-foot power cable to a suitable power source. Ensure all electrical connections comply with local electrical codes.

Easy Installation

Can be installed quickly



Figure 5.1: Easy Installation. The light can be quickly installed using the provided ring hook and washers. Dimensions are approximately 11.8 inches diameter and 2.2 inches height, with a 59-inch cable.

5.2 Flush Mount Installation

For flush mount installation, appropriate mounting hardware (not included) will be required to secure the fixture directly to a flat surface. Consult a qualified electrician if you are unsure about the installation process.

6. OPERATING INSTRUCTIONS

Once properly installed and connected to a power source, the Amico UFO LED High Bay Light operates by simply supplying power to the fixture. It is designed for continuous operation in suitable environments.

- Ensure the power source matches the light's voltage requirements (150 Volts AC).
- Turn on the power switch connected to the light fixture. The light will illuminate instantly.
- The light is designed for optimal performance in various commercial and industrial settings, including warehouses, stadiums, and garages.

Wide Applications

Cater to different needed scenarios

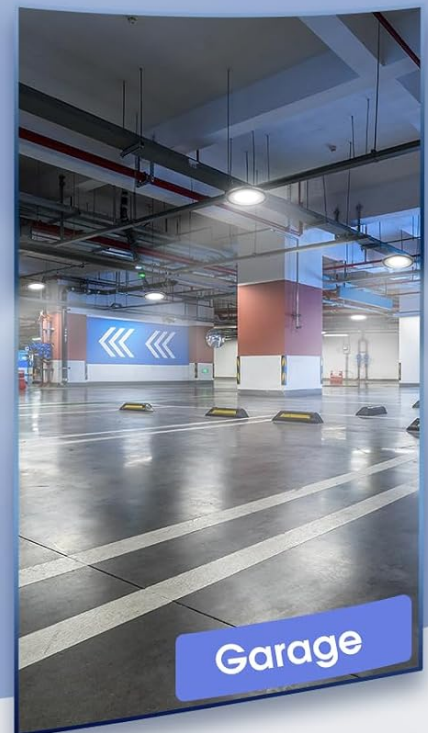
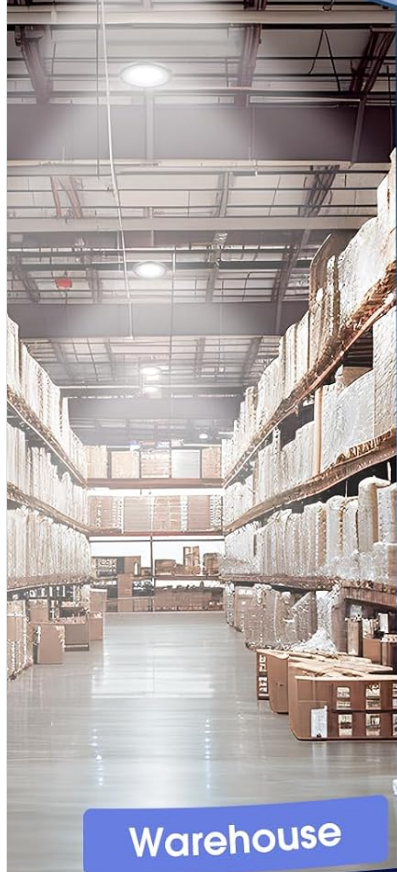


Figure 6.1: Wide application scenarios. The light is suitable for warehouses, stadiums, and garages, providing effective illumination for various large spaces.

7. MAINTENANCE

The Amico UFO LED High Bay Light is designed to be largely maintenance-free due to its robust construction and efficient heat dissipation system.

- **Cleaning:** Periodically, gently wipe the exterior of the fixture with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Occasionally inspect the power cable and mounting hardware for any signs of wear or damage. Address any issues promptly.
- **Heat Dissipation:** Ensure that the fixture's heat dissipation fins are not obstructed to maintain optimal performance and lifespan.

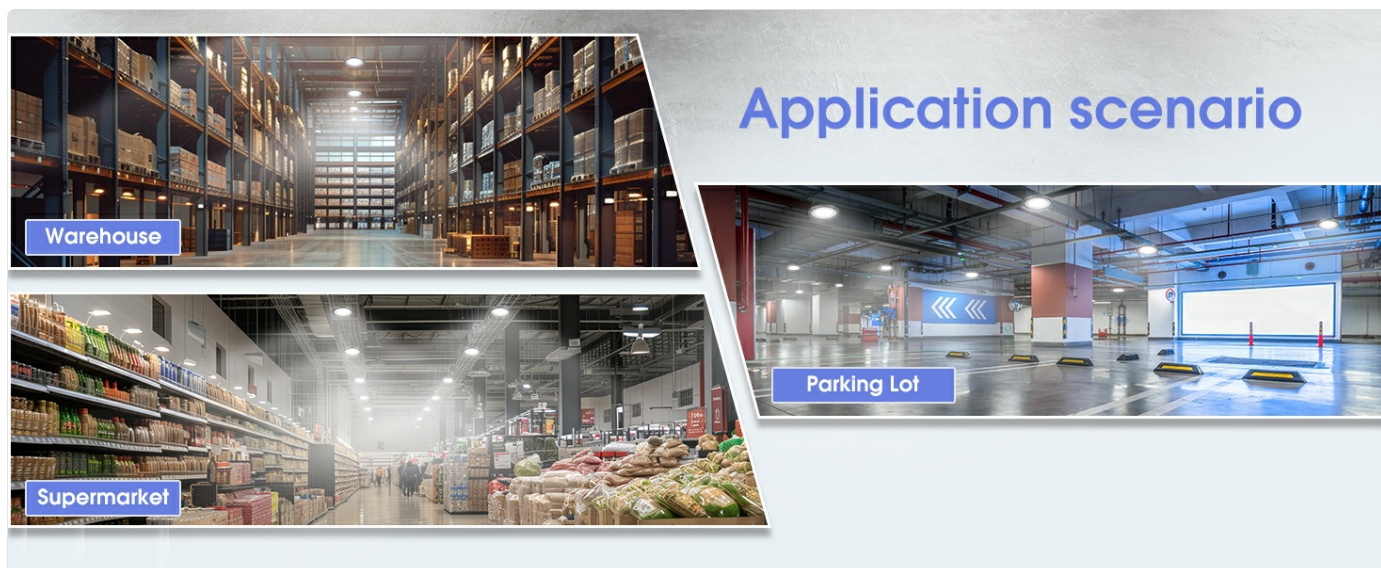


Figure 7.1: Built to Last. The light features a weather-resistant (IP65) and shatterproof design, offering reliable lighting in various conditions and requiring minimal maintenance.

8. TROUBLESHOOTING

If you encounter issues with your Amico UFO LED High Bay Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose connection Faulty switch	Check power outlet/circuit breaker Ensure all connections are secure Test the switch or bypass it temporarily
Light flickers	Unstable power supply Loose wiring Incompatible dimmer (if applicable)	Verify stable power source Check and tighten all electrical connections Ensure no dimmer is used unless specified as compatible
Reduced brightness	Dust accumulation on lens Overheating (unlikely due to design)	Clean the LED lens gently Ensure proper ventilation around the fixture

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

9. WARRANTY AND SUPPORT

Amico is committed to providing high-quality products and professional after-sales support.

- **Warranty:** This product comes with a limited warranty. Please refer to the product packaging or contact Amico customer service for specific warranty terms and conditions.
- **Protection Plans:** Extended protection plans may be available for purchase to cover your product beyond the standard warranty period. Options may include 3-Year or 4-Year Protection Plans.
- **Customer Support:** For technical assistance, troubleshooting, or warranty claims, please visit the official Amico website or contact their customer service department.

ASK A QUESTION ABOUT THIS MANUAL

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