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HOFTRONIC 496453

HOFTRONIC LED Batten Light Instruction Manual

Model: 496453 | 60cm, 20W, 3000K Warm White

1. Introduction

Thank you for choosing the HOFTRONIC LED Batten Light. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting product. Please read these instructions carefully before installation and retain them for future reference.

This LED batten light is designed for various indoor applications, offering efficient and bright illumination with a warm white color temperature of 3000K. Its slim design allows for versatile placement in areas such as workshops, garages, kitchens, and utility rooms.



Image: Close-up view of the HOFTRONIC LED Batten Light, highlighting its sleek design.

2. Safety Information

WARNING: Electrical installation should only be performed by a qualified electrician or competent person in accordance with local wiring regulations.

- Always disconnect the power supply before installation, maintenance, or cleaning.
- Ensure the voltage supply matches the specifications of the product (230 Volts).
- This product is designed for **indoor use only**. Do not expose to moisture or outdoor elements.
- Do not fix the light closer than 20cm to flammable materials due to potential heat generation.
- Do not look directly into the LED light source when illuminated, as it may cause eye strain or damage.
- Handle the product with care to avoid damage to the housing or internal components.

3. Package Contents

Verify that all components are present before beginning installation:

- 1x HOFTRONIC LED Batten Light (Model 496453)
- Mounting Brackets
- Quick Connectors (for electrical wiring and potentially for linking multiple units)

4. Setup and Installation

The HOFTRONIC LED Batten Light is designed for easy installation. Follow these steps for secure mounting and electrical connection.

4.1. Mounting the Light

1. **Choose Location:** Select a suitable indoor location for installation, ensuring it is a dry environment and at least 20cm away from any flammable materials.
2. **Mark Drill Points:** Position the mounting brackets on the desired surface (ceiling or wall) and mark the drill points.
3. **Drill Holes:** Drill holes at the marked points. Use appropriate drill bits and wall plugs for your surface type.
4. **Secure Brackets:** Attach the mounting brackets securely to the surface using screws.
5. **Attach Light:** Carefully clip the LED batten light into the secured mounting brackets. Ensure it is firmly seated.

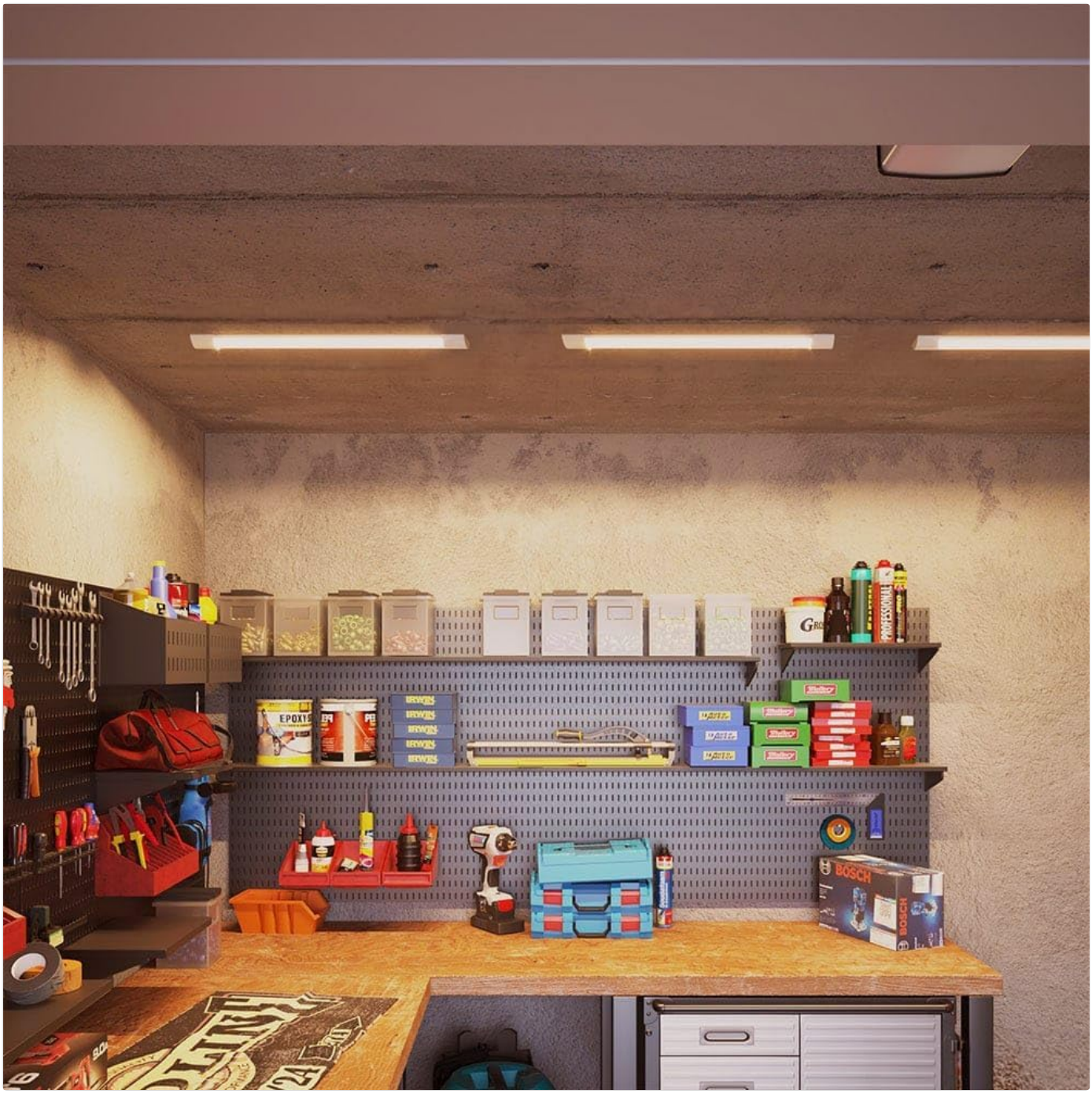


Image: HOFTRONIC LED Batten Light installed in a workshop, demonstrating typical mounting.



Image: Two HOFTRONIC LED Batten Lights illuminating a workbench, showcasing the light output.

4.2. Electrical Connection

1. **Disconnect Power:** Ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Prepare Wires:** Strip the insulation from the live, neutral, and earth wires of your power cable.
3. **Use Quick Connectors:** Utilize the provided quick connectors to securely connect the power cable to the light's terminals. Match live to live, neutral to neutral, and earth to earth.
4. **Verify Connections:** Double-check all connections for tightness and correct polarity.
5. **Restore Power:** Once all connections are secure and the light is mounted, restore power to the circuit.



Image: Rear view of the HOFTRONIC LED Batten Light, illustrating the mounting clips and the area for electrical connections.

4.3. Connecting Multiple Units (Daisy-Chaining)

This LED batten light features a quick connection system, allowing for easy extension with other compatible HOFTRONIC LED batten lights. Refer to the specific instructions provided with additional units for daisy-chaining connections. Ensure the total wattage of connected lights does not exceed the circuit's capacity.

5. Operating Instructions

The HOFTRONIC LED Batten Light operates immediately upon receiving power. There are no additional controls on the unit itself.

- **Switching On/Off:** Control the light using the wall switch connected to its power supply.
- **Light Characteristics:** The light emits a 3000K warm white light with a luminous flux of 2400 lumens and a wide 110-degree beam angle, providing uniform illumination without shadows. It utilizes high-quality Samsung SMD LED chips for efficient performance.

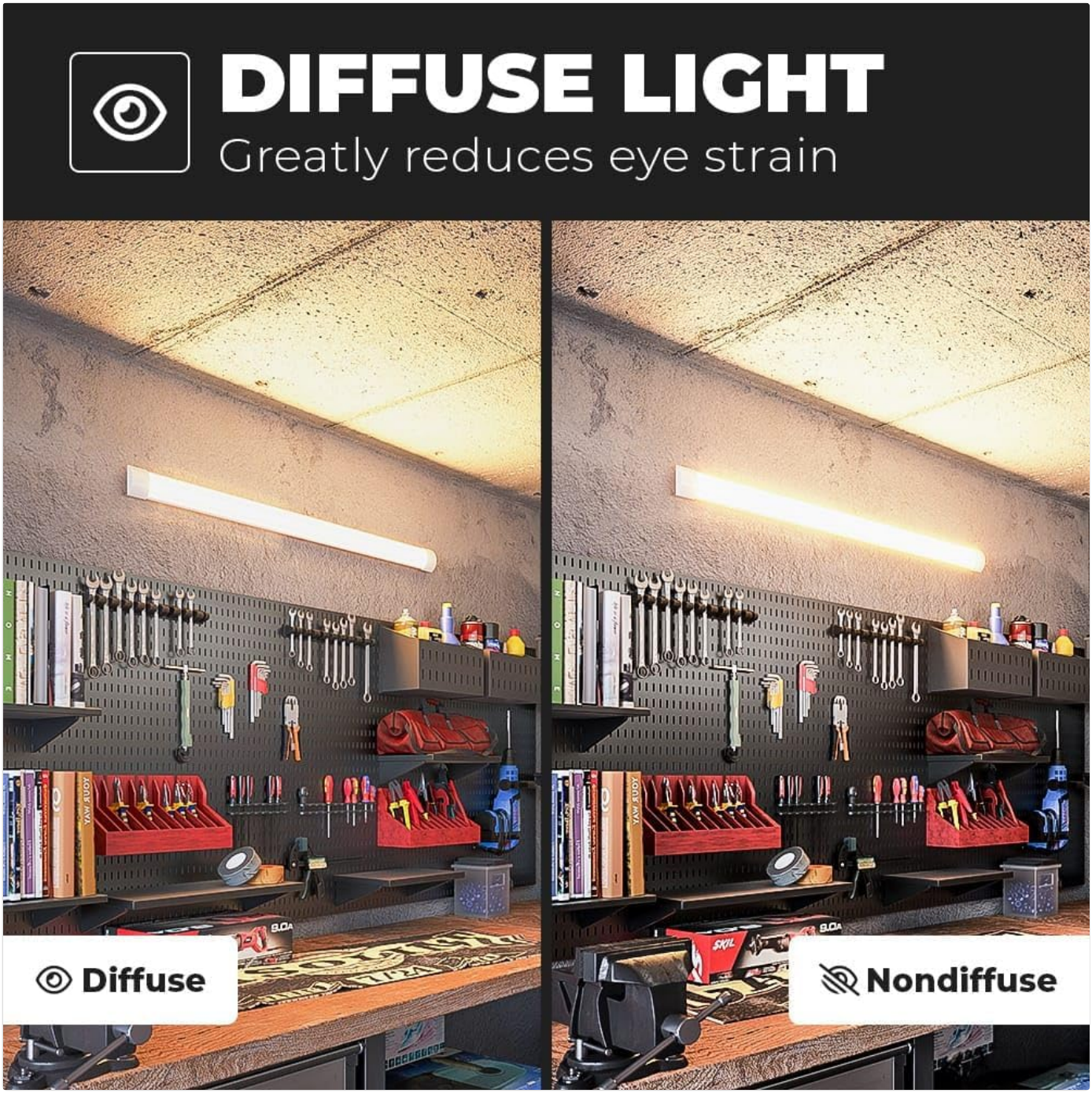


Image: A visual comparison demonstrating the diffuse light output of the HOFTRONIC LED Batten Light, which helps reduce eye strain.



Image: Illustration emphasizing the high-performance SMD LED chips used in the HOFTRONIC LED Batten Light.

6. Maintenance

The HOFTRONIC LED Batten Light requires minimal maintenance.

- **Cleaning:** Ensure the power is disconnected before cleaning. Wipe the exterior of the light with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the mounting and electrical connections for any signs of wear or damage.
- **LED Lifespan:** The integrated LED chips have an average lifespan of 30,000 hours, meaning no bulb replacement is typically needed during the product's operational life.

7. Troubleshooting

If you encounter issues with your HOFTRONIC LED Batten Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose electrical connection; faulty switch.	Check circuit breaker. Verify all electrical connections are secure. Test the wall switch.
Light flickers.	Unstable power supply; loose connection.	Ensure stable power. Check electrical connections. If problem persists, consult a qualified electrician.
Light generates excessive heat.	Normal operation (some heat is expected); improper ventilation; faulty unit.	Ensure adequate clearance around the fixture. If heat is extreme or causes discoloration, disconnect power and contact support.
Mounting clips do not hold securely.	Incorrect installation of clips; damaged clips.	Re-evaluate clip installation. Ensure screws are tight. If clips are damaged, contact support for replacements.

8. Specifications

Detailed technical specifications for the HOFTRONIC LED Batten Light (Model 496453):

Brand	HOFTRONIC
Model Number	496453
Dimensions (L x W x H)	60 x 7.4 x 2.5 cm
Weight	5 Kilograms
Power Consumption	20 Watts
Luminous Flux	2400 lm
Color Temperature	3000 Kelvin (Warm White)
Voltage	230 Volts
Beam Angle	110 degrees
Average Lifespan	30,000 Hours
Material	Plastic, Acrylic
Special Features	Energy Efficient
Usage	Indoor use only
Energy Efficiency Rating	E



Image: Diagram illustrating the compact dimensions of the HOFTRONIC LED Batten Light.



Image: EU Energy Label for the HOFTRONIC LED Batten Light, indicating its energy efficiency class E.
For more detailed product information, refer to the official EU EPREL database: https://eprel.ec.europa.eu/qr/1566480

9. Warranty and Support

HOFTRONIC provides a **5-year warranty** for this LED Batten Light, demonstrating confidence in its quality and durability.

If you have any questions, require technical assistance, or need to make a warranty claim, please contact HOFTRONIC customer support. Our team aims to respond to inquiries within 24 hours.
For support, please refer to the contact information provided with your purchase or visit the official HOFTRONIC website.

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