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## HOFTRONIC 496460

# HOFTRONIC LED Batten 60cm 20W 4000K Instruction Manual

Model: 496460

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## 1. INTRODUCTION

Thank you for choosing the HOFTRONIC LED Batten 60cm 20W. This integrated LED tube lamp provides efficient and neutral white illumination (4000K) with a brightness of 2400 lumens. Its slim design (2.5 cm height) allows for versatile installation in various indoor environments such as garages, basements, offices, and warehouses. This manual provides essential information for safe installation, operation, and maintenance of your LED batten.

The LED batten features integrated Samsung SMD LED chips, ensuring flicker-free light and a high Color Rendering Index (CRI) of >80 for natural color reproduction. It is designed for easy surface mounting with included clips and a quick connector system for electrical wiring.

# LIGHTWEIGHT & ULTRA THIN HOUSING

the lightweight and ultra thin housing, allows for easy installation in dry indoor environments.



Image: The LED batten's lightweight and ultra-thin design, measuring only 25mm in height, facilitating easy installation in dry indoor environments.

## 2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and use. Keep this manual for future reference.

- **Disconnect Power:** Always ensure the main power supply is switched off at the circuit breaker before attempting any installation, maintenance, or cleaning.
- **Qualified Installation:** Electrical installation should be performed by a qualified electrician if you are unsure about the process.
- **Indoor Use Only:** This product has an IP20 rating, meaning it is protected against solid objects larger than 12.5mm but has no protection against water. It is suitable for dry indoor environments only. Do not expose to moisture or water.
- **Non-Dimmable:** This LED batten is not dimmable. Do not connect it to a dimmer switch.
- **Ventilation:** Ensure adequate ventilation around the fixture. Do not cover the fixture with insulating material.
- **Mounting Surface:** Mount the fixture on a stable, non-flammable surface. Maintain a minimum distance of 20cm from flammable materials.
- **Damage:** Do not use the product if any part is damaged. Contact customer support for replacement

parts.

- **Disposal:** Dispose of the product responsibly according to local regulations for electronic waste.

### 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged:

- 1x HOFTRONIC LED Batten 60cm 20W (Model: 496460)
- 2x Mounting Clips
- 2x Screws
- 2x Wall Plugs
- 1x Quick Connector (for electrical wiring)

### 4. SETUP AND INSTALLATION

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The HOFTRONIC LED Batten is designed for easy surface mounting. Follow these steps for installation:

#### 4.1 Preparation

1. **Turn off Power:** Before starting, ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Choose Location:** Select a suitable indoor location for mounting the LED batten. Ensure the surface is flat and stable.
3. **Gather Tools:** You will need a drill, screwdriver, and possibly a pencil for marking.

#### 4.2 Mounting the Batten

1. **Mark Drill Holes:** Hold the LED batten in the desired position on the ceiling or wall. Mark the positions for the two mounting clips. The clips should be placed approximately 50cm apart, centered along the length of the batten.
2. **Drill Holes:** Drill two holes at the marked positions. Insert the wall plugs into the drilled holes.
3. **Attach Clips:** Secure the mounting clips to the ceiling/wall using the provided screws. Ensure they are firmly attached.
4. **Attach Batten:** Gently push the LED batten into the mounting clips until it clicks securely into place.



Image: Rear view of the LED batten, illustrating the mounting clips and the quick connector system for electrical wiring.

### 4.3 Electrical Connection

1. **Prepare Wires:** Strip approximately 10-12mm of insulation from the live (brown/black), neutral (blue), and earth (green/yellow) wires from your power supply.
2. **Use Quick Connector:** The LED batten features a quick connector system at the rear. Open the levers on the quick connector.
3. **Connect Wires:** Insert the stripped wires into the corresponding terminals of the quick connector (L for Live, N for Neutral, Earth symbol for Earth). Close the levers to secure the wires. Ensure a firm connection.
4. **Secure Wiring:** Ensure all wiring is neatly tucked away and not pinched.

**Important:** This fixture operates on 230V. Ensure your electrical supply matches this requirement. If you are unsure about electrical wiring, consult a qualified electrician.

## 5. OPERATION

Once installed and wired correctly, operating the HOFTRONIC LED Batten is straightforward:

1. **Restore Power:** Switch on the main power supply at the circuit breaker.

2. **Activate Light:** Use the wall switch connected to the fixture to turn the LED batten on or off.

The LED batten provides a neutral white light (4000K) with a wide 110° beam angle, ensuring uniform illumination without shadows. It is not dimmable.

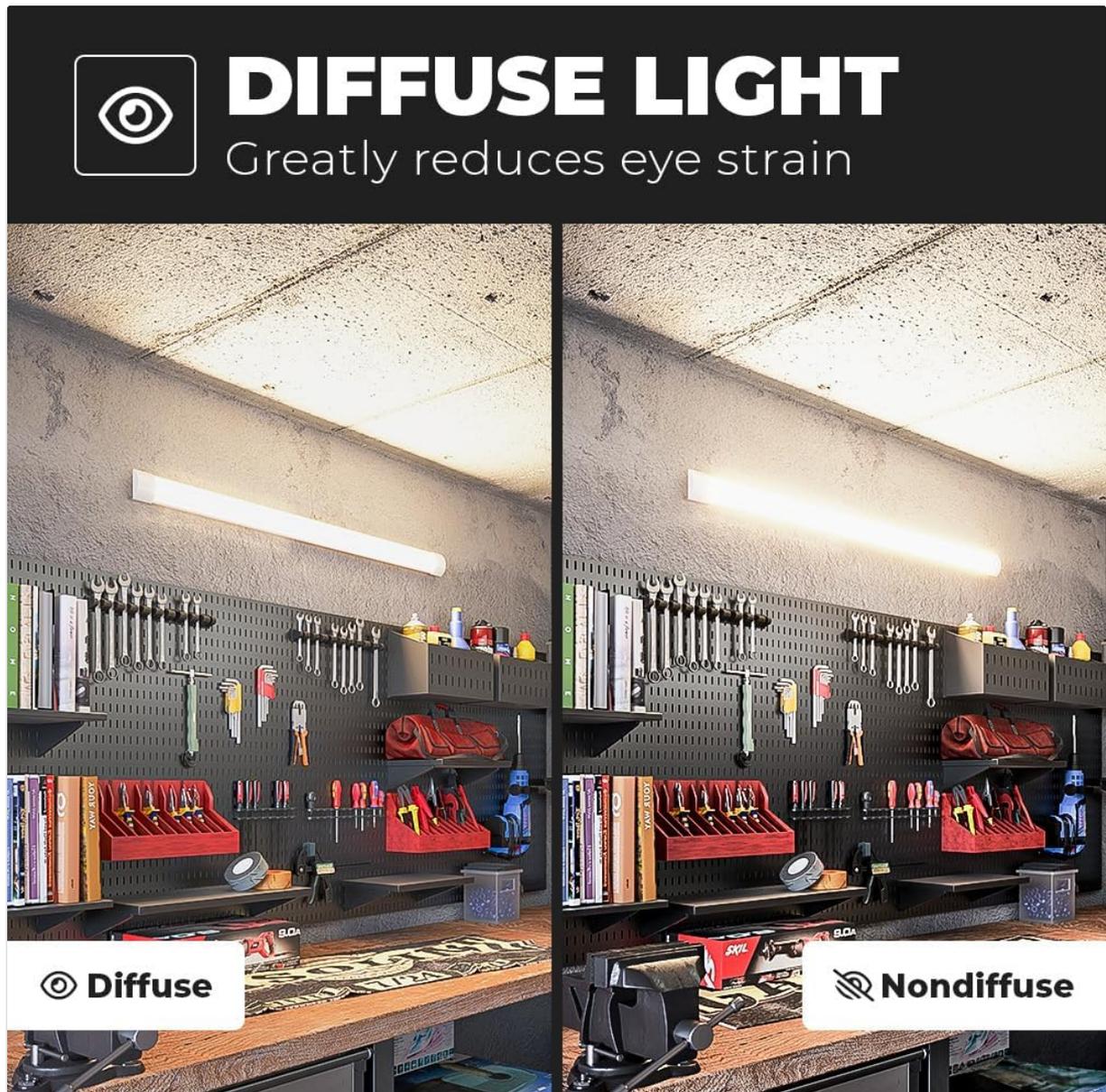


Image: Illustration showing the difference between diffuse and non-diffuse light, highlighting the even light distribution of the HOFTRONIC LED Batten.



Image: The LED batten installed as under-cabinet lighting in a modern kitchen, demonstrating its application.

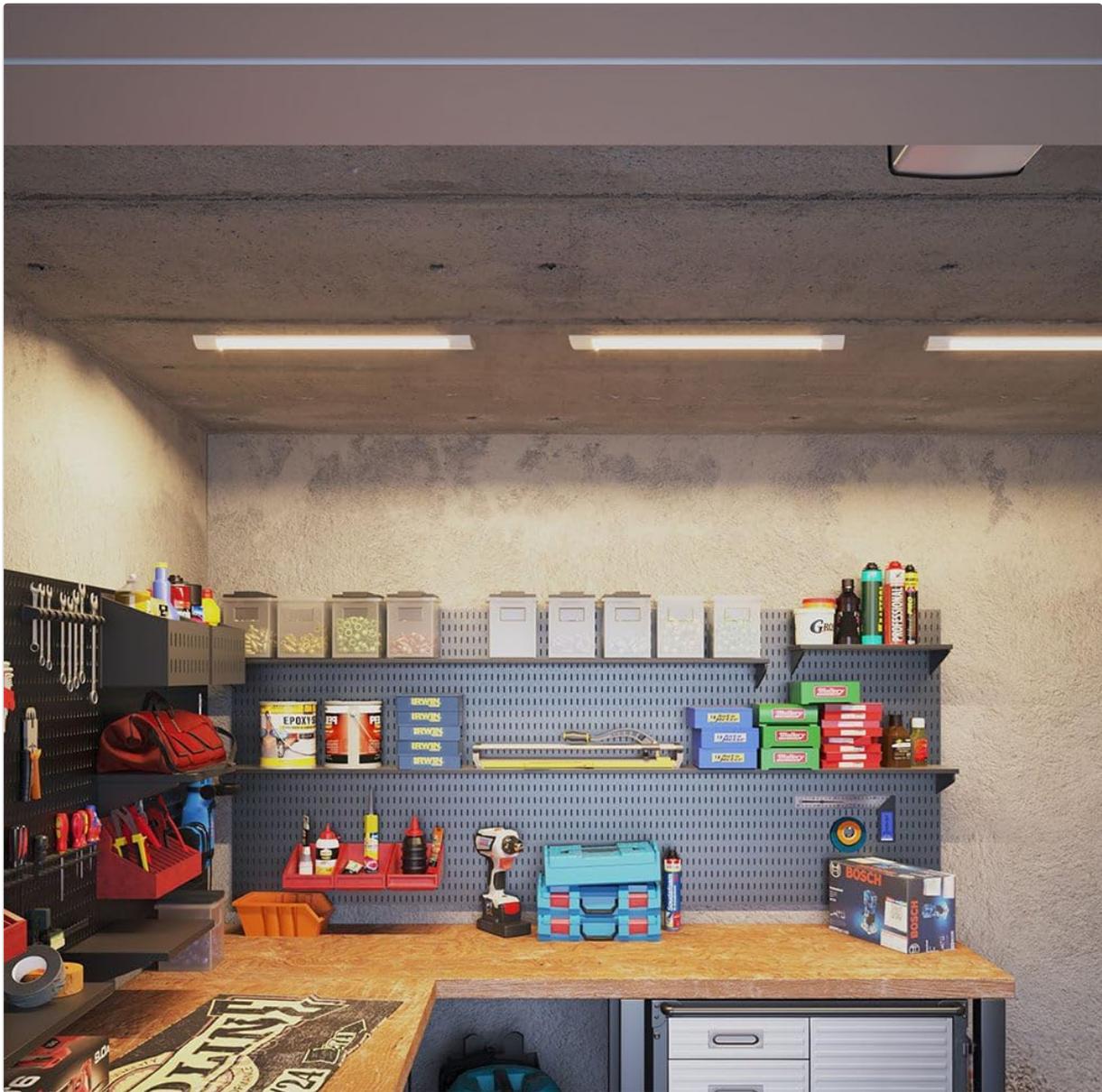


Image: Multiple LED battens providing bright, uniform lighting in a garage workshop environment.

## 6. MAINTENANCE

The HOFTRONIC LED Batten requires minimal maintenance. Follow these guidelines to ensure its longevity:

- **Cleaning:** Before cleaning, ensure the power supply is disconnected. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **No User-Serviceable Parts:** The LED chips are integrated and not user-replaceable. Do not attempt to open or modify the fixture.
- **Regular Inspection:** Periodically check the fixture and wiring for any signs of damage or loose connections. If any issues are found, disconnect power immediately and contact customer support.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose electrical connection. Faulty wall switch.	Check if the circuit breaker is on. Ensure all wires are securely connected in the quick connector (with power off). Test the wall switch with another device.
Light flickers.	Loose connection. Incompatible dimmer switch (if accidentally connected).	Check electrical connections (with power off). Ensure the fixture is not connected to a dimmer switch. This product is non-dimmable.
Light is dim or uneven.	Dust or dirt on the diffuser. Incorrect power supply voltage.	Clean the diffuser with a soft, dry cloth (with power off). Verify that the power supply is 230V.

If the problem persists after trying these solutions, please contact HOFTRONIC customer support.

## 8. SPECIFICATIONS

Feature	Specification
Brand	HOFTRONIC
Model Number	496460
Product Dimensions (LxWxH)	60 x 7.4 x 2.5 cm
Wattage	20 Watt
Luminous Flux (Brightness)	2400 Lumen
Light Color / Color Temperature	Neutral White / 4000 Kelvin
Voltage	230 Volt (100-240V, 50-60Hz)
Material	Plastic (Polycarbonate diffuser)
Light Source	Integrated LED (Samsung SMD LED chips)
Beam Angle	110°
Color Rendering Index (CRI)	>80
IP Rating	IP20 (Indoor use only)
Dimmable	No
Lifespan	Approx. 30,000 hours
Energy Efficiency Class	E

# HIGH PERFORMANCE & SMD LED CHIPS

▶▶▶ the high performance energy efficient LED chips, give the LED Battens light excellent light output at a super low energy consumption level.

AVAILABLE IN  
**20/40/50  
WATTS**

AVAILABLE IN  
**3000/4000/6400  
KELVIN**

**110°**  
**BEAM  
ANGLE**



Image: Visual representation of the LED batten's high performance and key specifications.



**HOFTRONIC**

496460



**20**  
kWh/1000h



2019/2015

Image: EU Energy Label for the product, indicating its energy efficiency class and consumption. For more details, visit the [EPREL database](#).

## 9. WARRANTY AND SUPPORT

HOFTRONIC products are FCC and CE certified, ensuring quality and safety. This LED batten comes with a 5-year all-in warranty, reflecting its expected lifespan of approximately 30,000 burning hours.



# EXTENDED WARRANTY & 30.000 HOURS



due to a long lifespan of 30.000 burning hours  
the LED Batten comes with a 5 year all-in warranty.



Image: Visual confirmation of the 5-year warranty and 30,000-hour lifespan.

In case of any issues or defects with the product, please contact HOFTRONIC customer service. Our dedicated support team is available to assist you.

For customer support, please refer to the contact information provided on the HOFTRONIC official website or your purchase documentation.