HOFTRONIC 496491

HOFTRONIC LED Batten 150cm 50W 6400K Integrated Tube Light Instruction Manual

Model: 496491

1. INTRODUCTION

Thank you for choosing the HOFTRONIC LED Batten 150cm 50W 6400K Integrated Tube Light. This ultra-thin LED batten is designed for efficient and bright illumination in various indoor environments. It features high-performance LED chips, providing 6000 lumens of cool white daylight at 6400K, while consuming only 50 Watts. This manual provides essential information for safe installation, operation, and maintenance of your new LED batten.

Image 1.1: The HOFTRONIC LED Batten 150cm 50W 6400K integrated tube light.

2. SAFETY INSTRUCTIONS

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

- **Electrical Safety:** Always disconnect power at the circuit breaker before installing, servicing, or cleaning the fixture.
- **Qualified Personnel:** Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.
- **Indoor Use Only:** This fixture has an IP20 rating, meaning it is protected against solid objects larger than 12.5mm but has no protection against water. It is designed exclusively for indoor use.
- **Mounting:** Ensure the mounting surface can support the weight of the fixture.
- **Ventilation:** Do not cover the fixture or restrict airflow, as this may lead to overheating.
- **Damage:** Do not operate the fixture if it is damaged. Contact customer support for assistance.

3. PACKAGE CONTENTS

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

- 1x HOFTRONIC LED Batten 150cm 50W 6400K Integrated Tube Light
- Mounting brackets

- Quick connector terminals
- Integrated LED bulb (pre-installed)

4. PRODUCT FEATURES

The HOFTRONIC LED Batten offers a range of features designed for optimal performance and ease of use:

- **Super Bright & Energy Efficient:** Equipped with the latest LED chips, this batten provides 6000 lumens of light output while consuming only 50 Watts, making it up to 80% more economical than traditional fluorescent lamps. Guaranteed flicker-free operation.
- **110° Shadow-Free Illumination:** The transparent lampshade ensures excellent light distribution with a wide 110-degree beam angle, illuminating any room without shadows.
- **Easy Installation:** Designed for simple ceiling mounting with the included brackets. No need to purchase separate LED tubes as they are integrated into the fixture.
- **Natural Color Rendering:** With a Color Rendering Index (CRI) of >80, the light accurately displays colors, making it ideal for commercial spaces, garages, workshops, and showrooms.
- **Lightweight & Ultra-Thin Housing:** The slim design (25mm thickness) allows for easy installation in dry indoor environments.

Image 4.1: Lightweight and ultra-thin housing for easy installation.

Image 4.2: High performance and SMD LED chips for excellent light output.

Image 4.3: Diffuse light greatly reduces eye strain.

5. SPECIFICATIONS

Specification	Value
Brand	HOFTRONIC
Model Number	496491
Dimensions (L x W x H)	150 x 7.4 x 7.4 cm
Item Weight	5 Kilograms
Power Consumption	50 Watts
Luminous Flux	6000 lm
Color Temperature	6400 Kelvin (Cool White)
Voltage	230 Volts

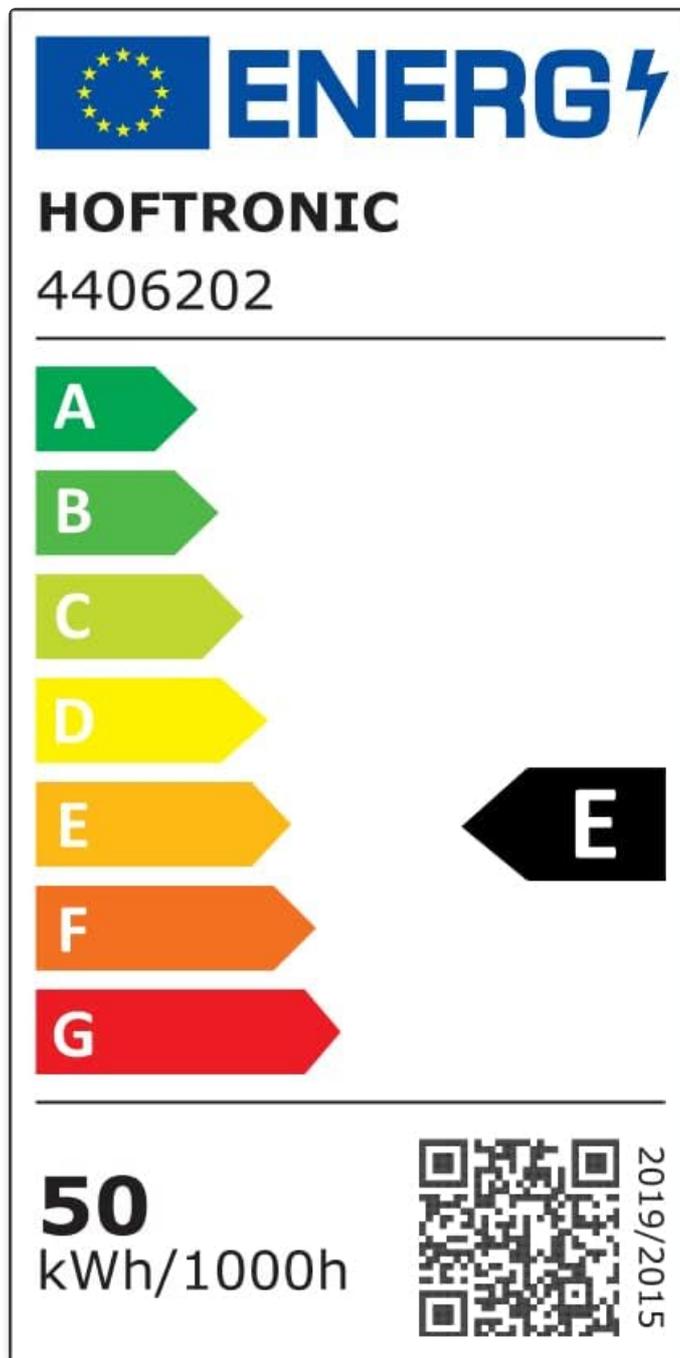|	
Beam Angle	110 Degrees
Color Rendering Index (CRI)	>80
Average Lifespan	30,000 hours (approx. 12 years)
Material	Plastic
IP Rating	IP20
Specific Uses	For indoor use only
Energy Efficiency Class	E

Image 5.1: Product dimensions (1500mm x 74mm x 25mm).

Image 5.2: Energy Label. For more details, visit EPREL Database.

6. SETUP (INSTALLATION)

The HOFTRONIC LED Batten is designed for straightforward ceiling mounting. Follow these steps for a secure installation:

1. **Preparation:** Before starting, ensure the power supply to the installation area is switched off at the main circuit breaker.
2. **Marking:** Hold the LED batten in the desired position on the ceiling and mark the locations for the mounting brackets. Ensure the marks are level and spaced correctly for the fixture's length.
3. **Drilling:** Drill pilot holes at the marked locations. Use appropriate drill bits and wall plugs for your ceiling material.
4. **Attach Brackets:** Secure the mounting brackets to the ceiling using screws.
5. **Wiring:** Connect the electrical wires from your ceiling to the quick connector terminals on the LED batten. Ensure correct polarity (Live, Neutral, Earth) according to local wiring regulations.

6. **Mount Fixture:** Carefully clip or slide the LED batten onto the installed mounting brackets until it is securely in place.

7. **Test:** Restore power at the circuit breaker and test the light fixture.

Image 6.1: Rear view of the LED batten with mounting clips and wiring terminals.

Image 6.2: Example installation in a workshop environment.

7. OPERATING INSTRUCTIONS

Operating the HOFTRONIC LED Batten is simple:

- Once installed and connected to the main power supply, use a standard wall switch to turn the light fixture ON or OFF.
- There are no additional controls or settings for this model.

8. MAINTENANCE

To ensure the longevity and optimal performance of your LED batten, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the fixture. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the fixture for any signs of damage or loose connections. If any issues are

found, disconnect power and contact customer support.

- **No User-Serviceable Parts:** The LED components are integrated and not designed to be replaced by the user. Do not attempt to open or repair the fixture.

9. TROUBLESHOOTING

If you encounter any issues with your HOFTRONIC LED Batten, refer to the following common troubleshooting steps:

- **Light Does Not Turn On:**
  - Check if the power supply to the fixture is active.
  - Verify that the wall switch is in the 'ON' position.
  - Inspect the wiring connections to ensure they are secure and correctly installed.
  - Check the circuit breaker for a tripped fuse.

- **Flickering Light:**
  - Ensure all electrical connections are tight.
  - Confirm the voltage supply is stable and within the specified range (230 Volts).

- **Reduced Brightness:**
  - Clean the fixture's surface to remove any dust or debris that might be obstructing light output.

If these steps do not resolve the issue, please contact HOFTRONIC customer support.

10. WARRANTY AND SUPPORT

HOFTRONIC products are known for their quality and reliability. This LED Batten comes with a **5-year warranty**, ensuring peace of mind.

- **Warranty Claims:** In case of any defect or malfunction within the warranty period, please retain your proof of purchase and contact HOFTRONIC customer service.
- **Customer Service:** For technical assistance, warranty inquiries, or any other questions, please refer to the contact information provided on the HOFTRONIC official website or your purchase documentation.

All HOFTRONIC products are certified FCC and CE, reflecting our commitment to quality and safety standards.

Related Documents - 496491

	[HOFTRONIC T8 & T5 LED Tubes User Manual and Installation Guide](#) Comprehensive user manual and installation guide for HOFTRONIC T8 and T5 LED tubes, covering safety, specifications, applications, and installation procedures. Features include high lumen efficiency, energy saving, and long lifespan.
	[Hoftronic Remote Control 2.4 GHz User Manual](#) User manual for the Hoftronic 2.4 GHz remote control, detailing installation, grouping, timer functions, brightness settings, and disconnecting the remote.
	[HOFTRONIC Ceiling Light with CCT & Remote User Manual](#) User manual for the HOFTRONIC Ceiling Light with CCT and Remote control. Includes important safety details, installation instructions, functional characteristics, usage guidelines, maintenance, and environmental protection information.
	[HOFTRONIC Venezia LED Dimmable Downlight User Manual](#) User manual for the HOFTRONIC Venezia LED Dimmable Downlight, providing safety, installation, dimming, and maintenance instructions. Features IP65 rating and fire resistance.
	[HOFTRONIC Twilight Switch IP44 Installation Manual](#) Installation guide for the HOFTRONIC Twilight Switch IP44, providing safety instructions, installation details, usage guidelines, maintenance, and environmental information.
	[Hoftronic PIR Motion Sensor Recessed 68mm White - Installation Guide](#) Installation manual for the Hoftronic PIR Motion Sensor, recessed 68mm, white model. Includes safety instructions, installation advice, testing, and usage guidelines.