## HOFTRONIC 496484

# HOFTRONIC LED Batten 150cm 50W 4000K Instruction Manual

Model: 496484

## 1. Introduction

Thank you for choosing the HOFTRONIC LED Batten 150cm 50W 4000K. This ultra-slim LED batten is designed for efficient and bright illumination in various indoor environments such as garages, workshops, and commercial spaces. It features integrated LED light sources, consuming only 50 Watts while providing 6000 lumens of neutral white light (4000K). This manual provides essential information for safe installation, operation, and maintenance of your LED batten.

*Figure 1: Front view of the HOFTRONIC LED Batten.*

## 2. Safety Instructions

- Read all instructions carefully before installation and use.
- Installation must be performed by a qualified electrician in accordance with local wiring regulations.
- Ensure the power supply is disconnected before any installation, maintenance, or cleaning.
- This product is designed for indoor use only (IP20 rating). Do not expose to moisture or outdoor elements.
- Do not attempt to disassemble or modify the LED batten. There are no user-serviceable parts inside.
- Avoid direct eye exposure to the light source when illuminated.
- Keep packaging materials out of reach of children.

## 3. Package Contents

Verify that all components are present and undamaged:

- 1x HOFTRONIC LED Batten (Model 496484)
- Mounting brackets
- Quick connectors

## 4. Setup and Installation

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

1. **Preparation:** Ensure the power supply to the installation area is turned off at the main circuit breaker.
2. **Marking:** Position the LED batten on the desired ceiling location and mark the drilling points for the mounting brackets. The batten measures 150cm in length, 7.4cm in width, and 2.5cm in height.


*Figure 2: Product dimensions (1500mm length, 74mm width, 25mm height).*

3. **Mounting Brackets:** Drill holes at the marked points and securely attach the mounting brackets to the ceiling using appropriate screws and wall plugs (not included).
4. **Wiring:** Connect the electrical wires to the quick connectors provided. Ensure correct polarity (Live, Neutral, Earth). Refer to the wiring diagram on the product label if necessary.


*Figure 3: Rear view illustrating mounting points and electrical connection area.*

5. **Attach Batten:** Clip the LED batten onto the installed mounting brackets. Ensure it is firmly secured.
6. **Power On:** Restore power to the circuit. The LED batten should illuminate.

The lightweight and ultra-thin housing (25mm height) allows for easy installation in dry indoor environments.


*Figure 4: The ultra-thin design of the LED batten, highlighting its 25mm profile.*

## 5. Operating Instructions

Once installed and powered, the HOFTRONIC LED Batten operates instantly. It provides a super bright, flicker-free illumination of 6000 lumens with a neutral white color temperature of 4000K.

- **Switching On/Off:** Use the wall switch connected to the batten to turn the light on or off.
- **Light Distribution:** The transparent, milk-colored diffuser ensures a uniform 110-degree beam angle, minimizing shadows and providing consistent lighting across the area.
- **Color Rendering:** With a Color Rendering Index (CRI) of >80, the batten accurately displays colors, making it suitable for environments where color perception is important.


*Figure 5: Illustration of the LED batten's high performance and 110-degree beam angle.*

## 6. Maintenance

The HOFTRONIC LED Batten requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the surface of the batten with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the mounting and wiring for any signs of wear or damage. If any damage is observed, disconnect power and consult a qualified electrician.
- **LED Lifespan:** The integrated LEDs have an average lifespan of 30,000 hours and do not require replacement.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Light does not turn on | No power supply; Loose wiring; Faulty switch | Check circuit breaker; Verify wiring connections; Test switch functionality. |

| Problem | Possible Cause | Solution |
|---|---|---|
| Light flickers | Unstable power supply; Loose connection | Ensure stable power; Check wiring connections. |
| Reduced brightness | Dust accumulation; End of product lifespan | Clean the batten surface; Consider replacement if beyond average lifespan. |

## 8. Specifications

| Feature | Detail |
|---|---|
| Brand | HOFTRONIC |
| Model Number | 496484 |
| Product Dimensions (L x W x H) | 150 x 7.4 x 2.5 cm |
| Weight | 5 Kilograms |
| IP Rating | IP20 (Indoor use only) |
| Light Color Temperature | 4000K (Neutral White) |
| Material | Plastic |
| Power Consumption | 50 Watts |
| Voltage | 230 Volts |
| Luminous Flux | 6000 lm |
| Incandescent Equivalent | 400 Watts |
| Average Lifespan | 30,000 Hours |
| Beam Angle | 110 Degrees |
| Certification | CE, RoHS |
| Energy Efficiency Rating | E |

For detailed product information, refer to the official EU EPREL database: https://eprel.ec.europa.eu/qr/1565762

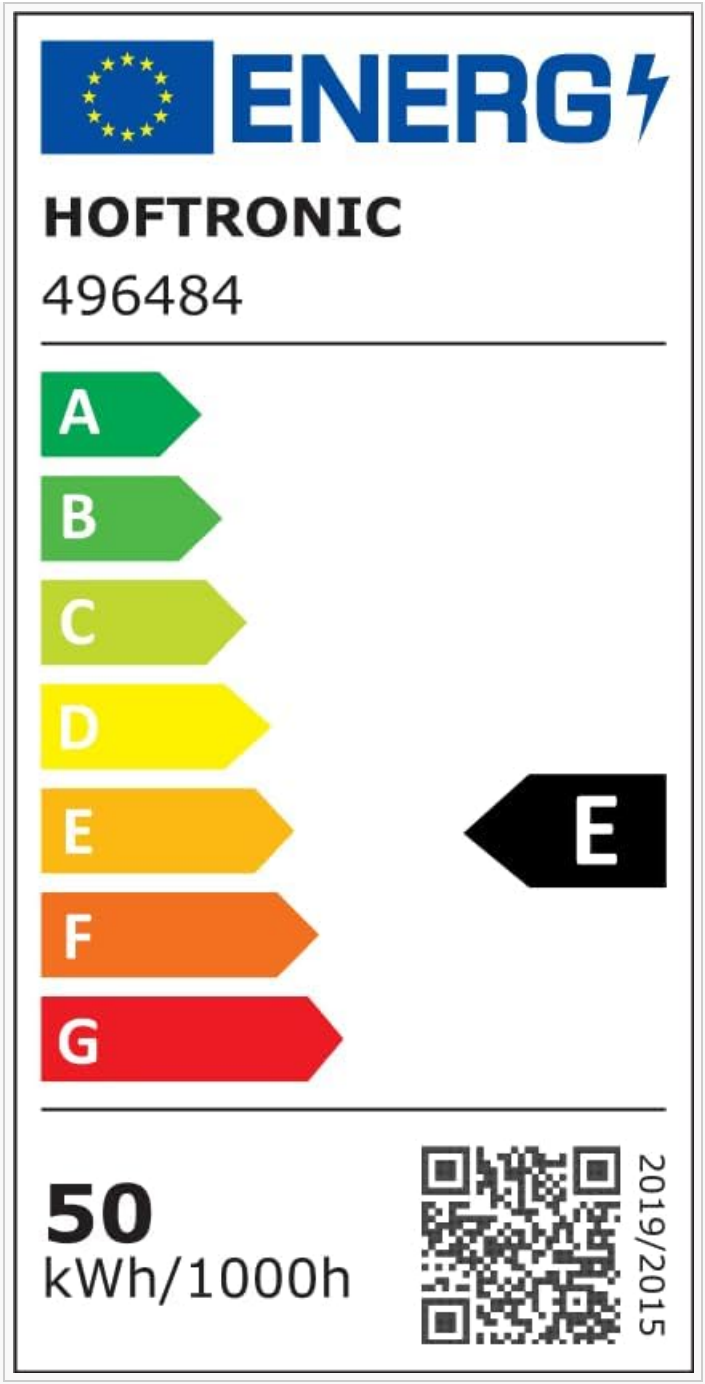



*Figure 6: EU Energy Label for Model 496484, indicating an 'E' efficiency rating.*

## 9. Warranty and Support

HOFTRONIC products are designed for quality and durability. This LED Batten comes with a 5-year warranty, covering manufacturing defects and performance issues under normal use.


*Figure 7: Visual representation of the 5-year warranty and 30,000-hour lifespan.*

For warranty claims, technical support, or any product-related inquiries, please contact HOFTRONIC customer service. Ensure you have your purchase receipt and product model number (496484) available.

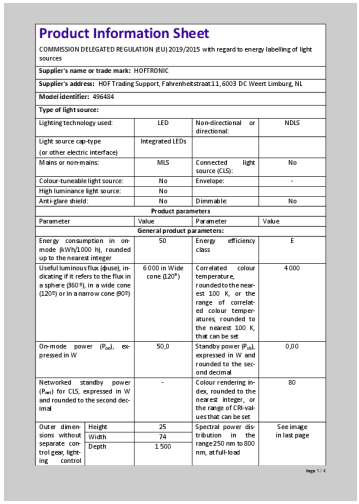
## 10. Disposal Information

This product contains electronic components and should not be disposed of with household waste. Please dispose of it at an authorized recycling facility in accordance with local environmental regulations. Proper disposal helps prevent potential negative consequences for the environment and human health.



**Related Documents - 496484**

| | |
|---|---|
|  | [HOFTRONIC Ceiling Light with CCT & Remote User Manual]<br>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 Smart Wall Light Kansas: User Manual & Installation Guide]<br>Get detailed instructions for installing and using the HOFTRONIC Smart Wall Light Kansas. Learn how to connect via Wi-Fi and Bluetooth, use the Hoftronic Smart App, and ensure proper setup for this smart home-compatible lighting solution. |
|  | [HOFTRONIC LED Panels User Manual and Installation Guide]<br>Comprehensive user manual and installation guide for HOFTRONIC LED Panels. Covers safety precautions, recessed T-bar ceiling installation, suspension installation, and surface mounting frame installation for various panel sizes. Includes usage guidelines, maintenance, environmental protection information, and declarations of conformity. |
|  | [HOFTRONIC T8 & T5 LED Tubes User Manual and Installation Guide]<br>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]<br>User manual for the Hoftronic 2.4 GHz remote control, detailing installation, grouping, timer functions, brightness settings, and disconnecting the remote. |
|  | [HOFTRONIC Venezia LED Dimmable Downlight User Manual]<br>User manual for the HOFTRONIC Venezia LED Dimmable Downlight, providing safety, installation, dimming, and maintenance instructions. Features IP65 rating and fire resistance. |



**Product Information Sheet**

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** HOFTRONIC

**Supplier's address:** HOF Trading Support, Fahrenheitstraat 11, 6003 DC Weert Limburg, NL

**Model identifier:** 496484

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | Integrated LEDs | | |
| Mains or non-mains: | MLS | Connected light source (CLS): | No |
| Colour-tuneable light source: | No | Envelope: | - |
| High luminance light source: | No | | |
| Anti-glare shield: | No | Dimmable: | No |

**Product parameters**

| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 50 | Energy efficiency class | E |
| Useful luminous flux (φuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (60°) | 6 000 in Wide cone (120°) | Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set | 4 000 |
| On-mode power ($P_{on}$), expressed in W | 50,0 | Standby power ($P_{sb}$), expressed in W and rounded to the second decimal | 0,00 |
| Networked standby power ($P_{net}$) for CLS, expressed in W and rounded to the second decimal | - | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set | 80 |
| Outer dimensions without separate control gear, lighting control parts: Height | 25 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| Width | 74 | | |
| Depth | 1 500 | | |

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[pdf] Dimension Guide Label

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Product Information Sheet COMMISSION DELEGATED REGULATION EU 2019/2015 with regard to energy labelling of light sources Supplier s name or trade mark: HOFTRONIC Supplier s address: HOF Trading Support, Fahrenheitstraat 11, 6003 DC Weert Limburg, NL Model identifier: **496484** Type of light sourc...

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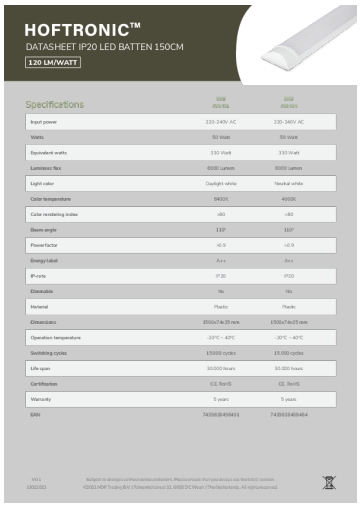

**HOFTRONIC™**

DATASHEET IP20 LED BATTEN 150CM

120 LM/WATT

Specifications

| | | |
|---|---|---|
| Input power | 220-240V AC | 220-240V AC |
| Watts | 50 Watt | 50 Watt |
| Equivalent watts | 330 Watt | 330 Watt |
| Luminous flux | 6000 Lumen | 6000 Lumen |
| Light color | Daylight white | Neutral white |
| Color temperature | 6400K | 4000K |
| Color rendering index | >80 | >80 |
| Beam angle | 110° | 110° |
| Power factor | >0.9 | >0.9 |
| Energy label | A++ | A++ |
| IP-rate | IP 20 | IP20 |
| Dimmable | No | No |
| Material | Plastic | Plastic |
| Dimensions | 1500x74x25 mm | 1500x74x25 mm |
| Operation temperature | -20°C - 40°C | -20°C - 40°C |
| Switching cycles | 15000 cycles | 15.000 cycles |
| Life span | 30000 hours | 30.000 hours |
| Certification | CE, RoHS | CE, RoHS |
| Warranty | 5 years | 5 years |
| EAN | 7439628496491 | 7439628496484 |

[pdf] Specifications Datasheet Dimension Guide Warranty Label

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DATASHEET IP20 LED BATTEN 150CM 120 LM/WATT Specifications Input power Watts Equivalent watts Lumin ... No Plastic 1500x74x25 mm -20C - 40C 15.000 cycles 30.000 hours CE, RoHS 5 years 7439628496491 SKU **496484** 220-240V AC 50 Watt 330 Watt 6000 Lumen Neutral white 4000K 80 110 0.9 A IP20 No Plastic ...

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