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HOFTRONIC 549524

HOFTRONIC 150cm 48W LED Batten Light User Manual

Model: 549524 | Brand: HOFTRONIC

1. Introduction

Thank you for choosing the HOFTRONIC 150cm 48W LED Batten Light. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting fixture. Please read these instructions carefully before installation and retain them for future reference.
This LED batten light is designed for versatile use in various environments, including workshops, garages, basements, and commercial spaces. Its IP65 rating ensures protection against dust and water jets, making it suitable for both indoor and outdoor applications.

2. Safety Information

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with local electrical codes and regulations. Always disconnect power at the main circuit breaker before installation, maintenance, or repair.
- **Voltage:** Ensure the supply voltage (220-240V AC) matches the requirements of the fixture.
- **Handling:** Handle the fixture with care. Avoid dropping or subjecting it to strong impacts.
- **Operating Environment:** The fixture is designed for operating temperatures between -20°C and +40°C. Do not use outside this range.
- **Water and Dust Resistance:** The IP65 rating provides protection against dust ingress and low-pressure water jets. Do not submerge the fixture in water.
- **Non-Dimmable:** This fixture is not dimmable. Do not connect it to a dimmer switch.

3. Package Contents

Verify that all components are present and undamaged before proceeding with installation:

- HOFTRONIC 150cm 48W LED Batten Light Fixture (with integrated LED tubes)
- Mounting brackets (stainless steel)
- Screws and dowels for mounting
- LED Starter (for G13 fitting)

4. Setup & Installation

Follow these steps for proper installation:

1. **Power Disconnection:** Before starting any installation work, ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Mounting Location:** Choose a suitable mounting location on a wall or ceiling. Mark the positions for the mounting brackets.
3. **Install Brackets:** Drill holes at the marked positions, insert the dowels, and secure the stainless steel mounting brackets using the provided screws.
4. **Open Fixture:** Carefully open the fixture. Some models may require rotating plastic clips or releasing latches to access the internal wiring compartment.
5. **Wiring:** Connect the main power supply cables to the terminal block inside the fixture. Ensure correct polarity (Live, Neutral, Earth). This fixture operates on 220-240V AC.
6. **LED Starter:** If replacing an existing fluorescent fixture, ensure the included LED starter is used. This fixture is compatible with 230V main power and magnetic ballasts. **It is NOT compatible with electronic or high-frequency ballasts.**
7. **Secure Fixture:** Once wiring is complete, attach the batten light fixture to the installed mounting brackets. Ensure it is securely fastened.
8. **Close Fixture:** Close the fixture cover, ensuring all clips or latches are properly engaged to maintain the IP65 seal.
9. **Connectable Feature:** Multiple HOFTRONIC batten lights can be connected in series to be switched on and off simultaneously. Consult a qualified electrician for multi-fixture installations.



Image: The robust polycarbonate enclosure and stainless steel clamps ensure durability and a long lifespan.



Image: Detail of the G13 fitting, indicating compatibility with T8 LED tubes and the 'Plug & Play' design.



Image: Compatibility information for the LED batten light, highlighting suitable and unsuitable ballast types.

5. Operating Instructions

After successful installation and power reconnection:

- **Power On:** Restore power at the main circuit breaker.
- **Switch On:** Operate the light using the wall switch connected to the fixture.
- **Flicker-Free Operation:** The HOFTRONIC LED Batten Light is designed for flicker-free illumination, providing comfortable lighting for extended periods.
- **Non-Dimmable:** This fixture is not designed for dimming. Attempting to use it with a dimmer switch may cause damage or malfunction.

6. Maintenance

The HOFTRONIC LED Batten Light requires minimal maintenance:

- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth to wipe the exterior of the fixture. Do not use abrasive cleaners or solvents, as these can damage the plastic housing.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified technician.
- **LED Tubes:** The LED tubes are integrated and designed for a long lifespan (30,000 hours). Replacement of individual tubes is possible due to the G13 fitting, but generally not required for many years.

7. Troubleshooting

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

- **Light does not turn on:**
  - Check if the power supply is connected and switched on at the circuit breaker.
  - Verify the wall switch is in the 'ON' position.
  - Ensure all wiring connections are secure and correct.
  - Confirm the LED starter is correctly installed and functional.
- **Light flickers:**
  - Although designed to be flicker-free, flickering can occur if the fixture is connected to an incompatible dimmer switch or an unstable power supply. Disconnect from any dimmer switches.
  - Check for loose wiring connections.
- **Reduced brightness:**
  - Ensure the fixture is clean and free from dust or debris on the diffuser.
  - Verify the operating temperature is within the specified range.

If the problem persists after attempting these solutions, contact HOFTRONIC customer support or a qualified electrician.

8. Specifications

Feature	Specification
Model Number	549524

Feature	Specification
Input Voltage	220-240 V AC
Power Consumption	48 W
Luminous Flux	5280 lm
Light Color	Warm White
Color Temperature	3000 K
Color Rendering Index (CRI)	> 80 Ra
Beam Angle	> 80 Ra
Power Factor	> 0.90
Protection Rating	IP65 (Dust-tight, protected against water jets)
Dimmable	No
Material	ABS Plastic / Polycarbonate (PC), Aluminum
Dimensions (L x W x H)	1572 x 102 x 73 mm
Operating Temperature	-20°C to +40°C
Average Lifespan	30,000 hours
Energy Efficiency Class	E (as per 2019/2015 regulation)

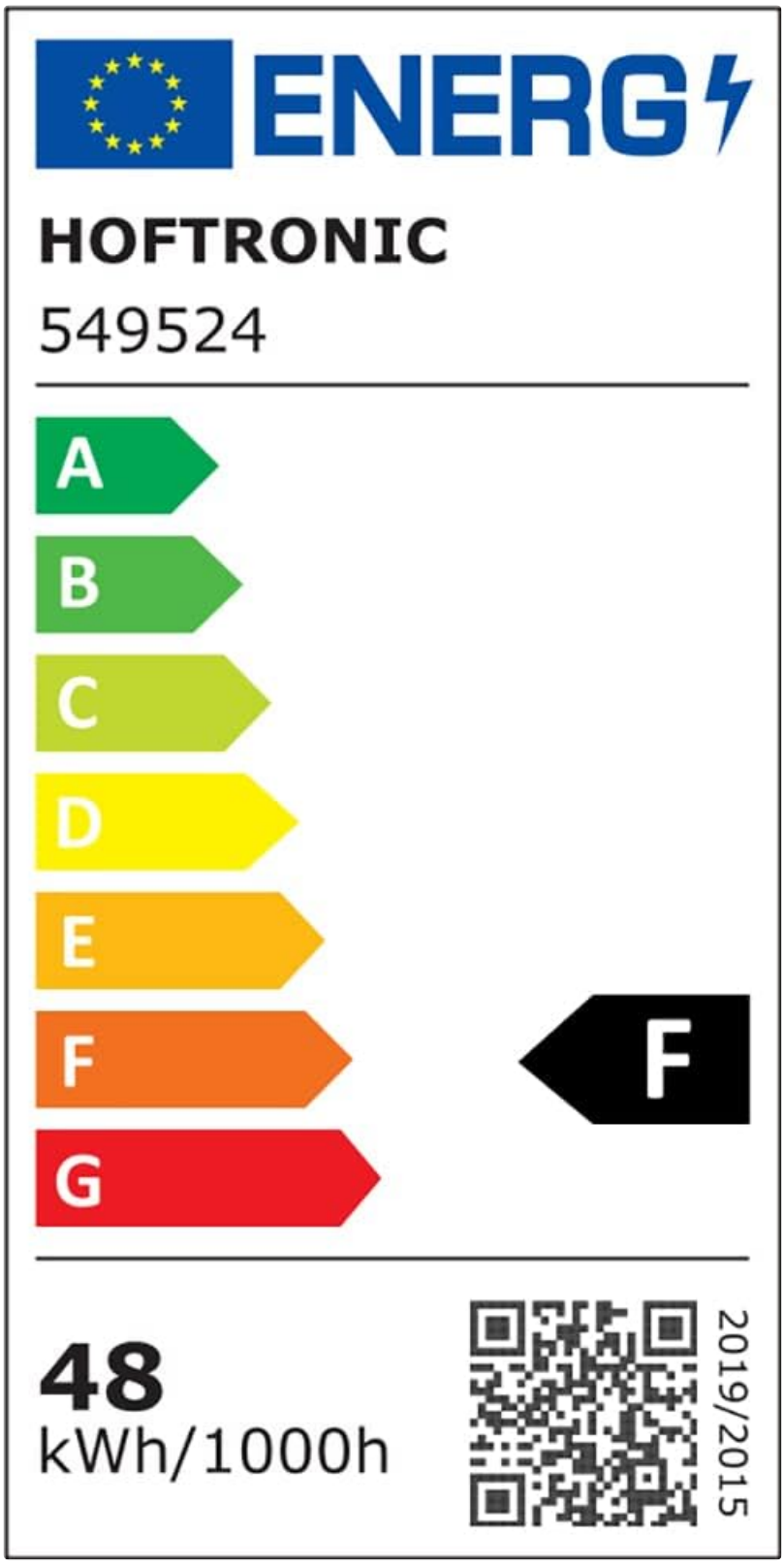


Image: EU Energy Label for Model 549524. For more details, visit eprel.ec.europa.eu/qr/1547273.

9. Warranty Information

The HOFTRONIC 150cm 48W LED Batten Light (Model 549524) is covered by a**3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, accidents, unauthorized repairs, or acts of nature.

Please retain your proof of purchase for warranty claims. For warranty service, contact HOFTRONIC customer support.

10. Support

For further assistance, technical inquiries, or to report any issues not covered in this manual, please contact HOFTRONIC customer support through their official website or the retailer where the product was purchased.
Manufacturer: HOFTRONIC

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