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HOFTRONIC 5435744

HOFTRONIC LED Light Strip User Manual

Model: 5435744
Brand: HOFTRONIC

1. Introduction and Overview

Thank you for choosing the HOFTRONIC LED Light Strip. This manual provides essential information for the safe and efficient use of your new lighting product. Please read it thoroughly before installation and operation.

This product is a high-performance LED light strip, 150 cm in length, with a power consumption of 50W, emitting a cold white light at 6400 Kelvin with a brightness of 6000 lumens. Designed for super bright illumination, it boasts a long lifespan of 30,000 hours. Its ultra-flat design and wide 110° beam angle make it ideal for various indoor applications such as attics, cellars, garages, workshops, and warehouses.



Image: HOFTRONIC LED Light Strip, showcasing its sleek design.

2. Safety Instructions

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Electrical Safety:** Ensure the power supply is disconnected before installation, maintenance, or cleaning. All electrical connections should be performed by a qualified electrician if you are unsure.
- **Indoor Use Only:** This product has an IP20 protection rating, meaning it is suitable for dry indoor locations only. Do not expose it to water, high humidity, or outdoor elements.
- **Temperature Range:** The light strip is designed to operate in temperatures ranging from -20°C to +40°C. Do not install in environments outside this range.
- **Ventilation:** Ensure adequate air circulation around the fixture to prevent overheating.
- **Handling:** Handle the light strip with care. Do not bend or twist the strip excessively.
- **No User Serviceable Parts:** Do not attempt to open or repair the light strip. Refer all servicing to qualified service personnel.

3. Package Contents

Verify that all components are present in the package:

- 8 x HOFTRONIC LED Light Strips (150 cm, 50W)
- Mounting Brackets
- Quick Connectors for power
- Screws for mounting

4. Specifications

Feature	Specification
Brand	HOFTRONIC
Model Number	5435744
Dimensions (L x W x H)	150 x 7.4 x 2.5 cm (approx. 1500 x 74 x 25 mm)
Weight	5 Kilograms (for the set of 8)
Power	50 Watts
Voltage	230 Volts
Luminous Flux	6000 Lumens
Color Temperature	6400 Kelvin (Cold White)
Color Rendering Index (CRI)	80
Beam Angle	110 Degrees
Average Lifespan	30,000 Hours
Protection Class	IP20
Material	Aluminum (housing), Plastic (shade)
Energy Efficiency Class	E

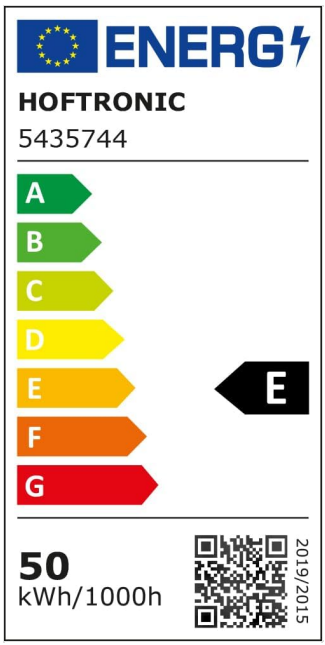


Image: Energy Efficiency Label for the HOFTRONIC LED Light Strip, showing Class E rating.
For detailed product data, refer to the official EPREL database: https://eprel.ec.europa.eu/qr/1547572

5. Setup and Installation

The HOFTRONIC LED Light Strip is designed for quick and easy installation. Follow these steps:

1. **Choose Location:** Select a dry indoor location for installation, such as a garage, cellar, workshop, or attic. Ensure the surface is stable and can support the light strip.
2. **Mark Mounting Points:** Hold the light strip in the desired position and mark the locations for the mounting brackets. The ultra-flat design (2.5 cm) allows for installation even in confined spaces.
3. **Attach Mounting Brackets:** Secure the mounting brackets to the marked points using the provided screws. Only a few small screws are needed due to the lightweight nature of the fixture.
4. **Click in LED Strip:** Carefully align the LED light strip with the installed mounting brackets and click it into place.
5. **Connect Power:** Using the quick connector, securely connect the light strip to your main power supply. Ensure the power is OFF at the circuit breaker before making any electrical connections.
6. **Test:** Once connected, restore power and switch on the light to ensure proper operation.



Image: Demonstrating the lightweight and ultra-thin housing (25mm depth) for easy installation.

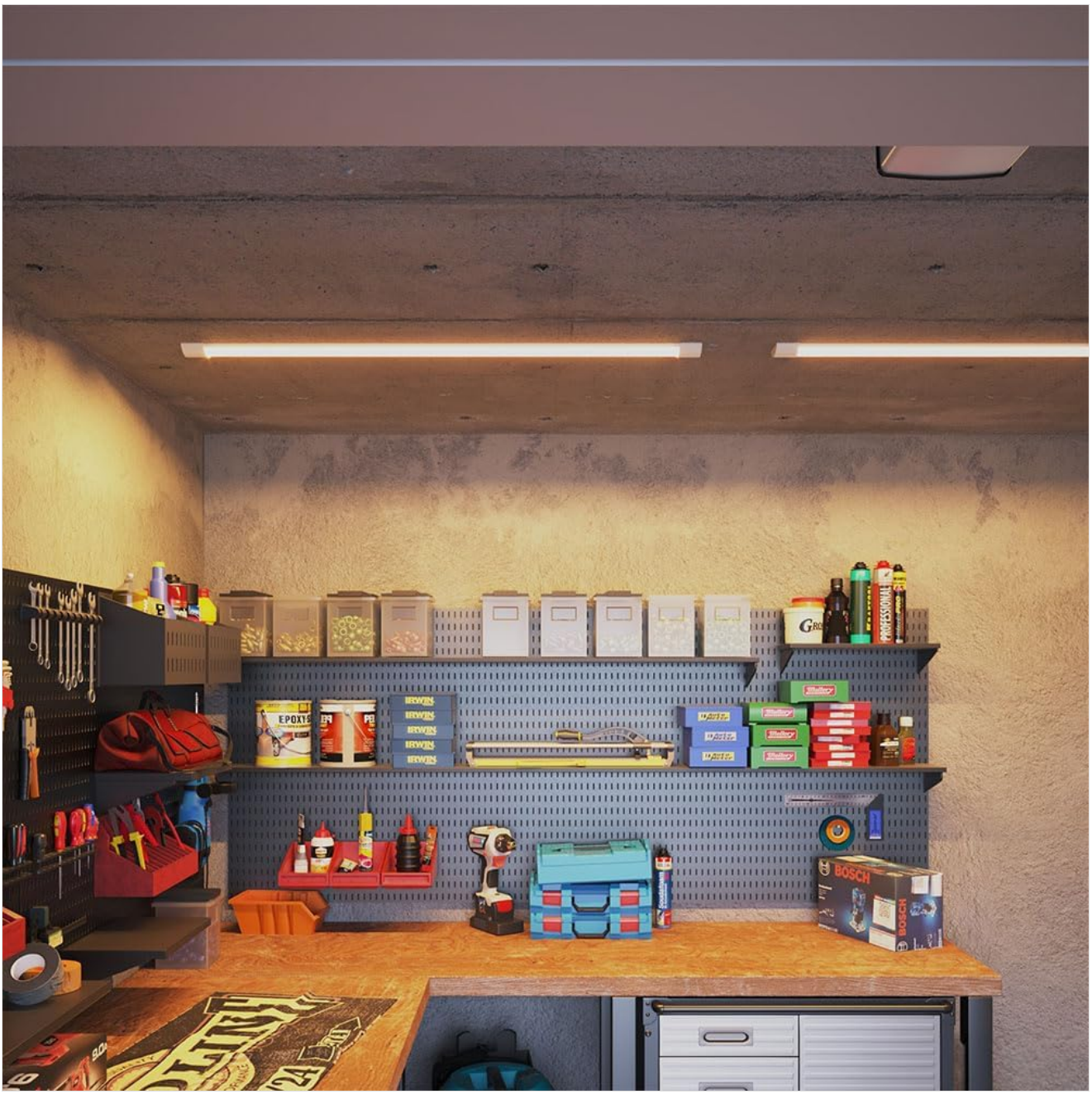


Image: Example of the LED light strip installed in a workshop environment.

6. Operating Instructions

Operating the HOFTRONIC LED Light Strip is straightforward:

- **Power On/Off:** Use the wall switch connected to the light strip to turn it on or off.
- **Instant Brightness:** The LED light strip provides instant full brightness without any warm-up time.
- **Flicker-Free Illumination:** Enjoy consistent, flicker-free light that reduces eye strain, thanks to its diffuse light output.



Image: Comparison showing the benefits of diffuse light from the LED strip, reducing harsh shadows and eye strain.

7. Maintenance

The HOFTRONIC LED Light Strip requires minimal maintenance:

- **Cleaning:** Ensure the power is off before cleaning. Wipe the surface of the light strip with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as this may damage the fixture or compromise its IP20 rating.
- **No Bulb Replacement:** This LED light strip features integrated LED chips designed for a long lifespan (30,000 hours), eliminating the need for bulb replacement.

8. Troubleshooting

If you encounter issues with your HOFTRONIC LED Light Strip, try the following:

Problem	Possible Cause	Solution
Light does not turn on	No power supply	Check the circuit breaker and wall switch. Ensure the quick connector is securely attached.
Light flickers	Unstable power connection	Verify all electrical connections are tight. Ensure the voltage is stable (230V).
Reduced brightness	Dust or dirt on the surface	Clean the light strip with a soft, dry cloth.

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

9. Warranty and Support

HOFTRONIC stands by the quality of its products. This LED light strip comes with a **5-year all-in warranty**, reflecting our commitment to superior quality and first-class materials.



Image: Highlighting the 5-year extended warranty and 30,000 hours lifespan.

For any questions, technical assistance, or warranty claims, please contact HOFTRONIC customer service. Our advisors and consultants are available to provide support.

Please have your model number (5435744) and proof of purchase ready when contacting support.

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