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› HOFTRONIC LED Light Strip User Manual (Model 5435843)

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HOFTRONIC LED Light Strip User Manual

Model: 5435843

1. PRODUCT OVERVIEW

The HOFTRONIC LED Light Strips are designed to provide super bright and energy-efficient illumination for various indoor environments such as attics, basements, garages, and workshops. Equipped with the latest LED chips, these tubular lights offer significant energy savings compared to traditional fluorescent tubes. This set includes four 60 cm LED light strips, each consuming only 20W while delivering 2400 lumens of neutral white light (4000K). The design ensures a 110-degree shadow-free illumination, making them ideal for spaces requiring consistent and high-quality lighting.



Image: A single HOFTRONIC LED light strip, showcasing its sleek, tubular design.

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: Illustration highlighting the high performance and SMD LED chips, indicating available wattages and Kelvin temperatures, and a 110-degree beam angle.

2. SAFETY INSTRUCTIONS

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- This product is rated IP20, meaning it is protected against solid objects larger than 12.5mm but has no protection against water. It is intended for **indoor dry environments only**. Do not install in damp or wet locations.
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- Do not look directly into the LED light when it is on, as it may cause eye strain.
- Keep out of reach of children.
- Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged:

- 4 x HOFTRONIC LED Light Strips (60 cm, 20W, 4000K)
- Mounting clamps (pre-installed or included for ceiling installation)
- Necessary screws and wall plugs for mounting

If any parts are missing or damaged, please contact HOFTRONIC customer support immediately.

4. SETUP AND INSTALLATION

The HOFTRONIC LED Light Strips are designed for super easy ceiling installation. The integrated LED tubes eliminate the need for separate tube handling.

Installation Steps:

1. **Preparation:** Ensure the power supply to the installation area is turned off at the main circuit breaker.
2. **Marking:** Hold the LED light strip against the ceiling or desired mounting surface and mark the positions for the mounting clamps. Ensure the marks are level and spaced correctly for the light strip.
3. **Drilling:** Drill holes at the marked positions. Insert the appropriate wall plugs if installing into drywall or masonry.
4. **Mounting Clamps:** Secure the mounting clamps to the ceiling using the provided screws.
5. **Wiring:** Connect the light strip's wiring to your electrical supply. Ensure correct polarity (Live, Neutral, Earth) according to local electrical codes. If unsure, consult a qualified electrician.
6. **Attach Light Strip:** Gently clip the LED light strip into the secured mounting clamps. Ensure it is firmly seated.
7. **Test:** Restore power at the main circuit breaker and test the light strip.

LIGHTWEIGHT & ULTRA THIN HOUSING

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

25 mm



Image: The ultra-thin profile of the LED light strip, measuring only 25mm in height, facilitating easy installation in dry indoor environments.

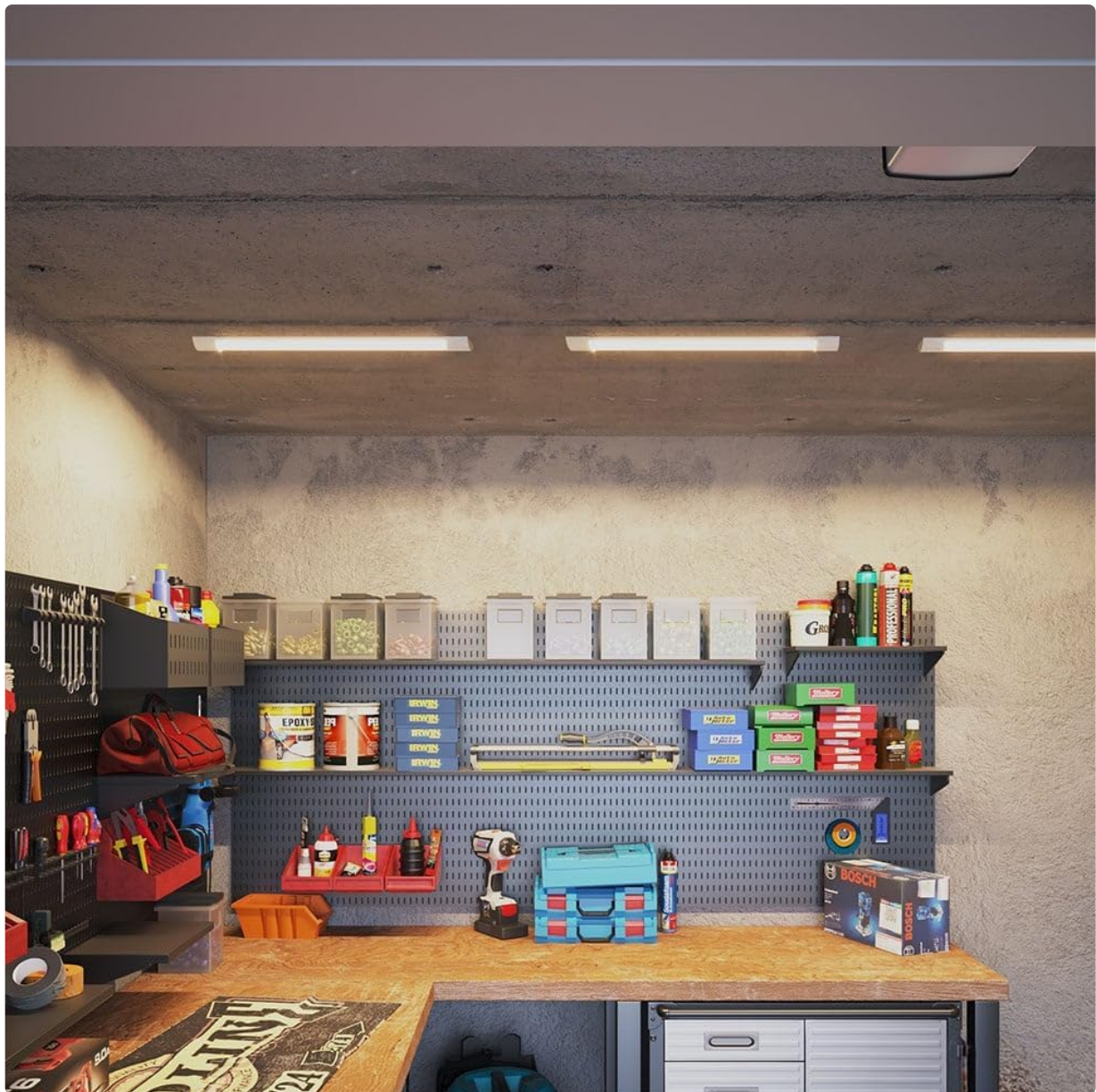


Image: Example of HOFTRONIC LED light strips installed in a garage workshop, providing bright and even illumination over a workbench.

5. OPERATING INSTRUCTIONS

The HOFTRONIC LED Light Strips operate directly from your standard electrical supply (230 Volts AC). Once properly installed and connected to a power switch, simply toggle the switch to turn the lights on or off.

These lights are designed for instant full brightness without flickering, providing immediate illumination for your space.

6. MAINTENANCE

The HOFTRONIC LED Light Strips require minimal maintenance due to their durable design and long lifespan.

- **Cleaning:** To clean the light strips, ensure the power is off. Use a soft, dry, or slightly damp cloth to wipe the surface. Do not use abrasive cleaners or solvents, as these can damage the plastic housing.
- **Inspection:** Periodically inspect the light strips and wiring for any signs of damage or wear. If any damage is observed, disconnect power and contact a qualified electrician for repair or replacement.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose wiring; faulty switch.	Check circuit breaker. Ensure all wiring connections are secure. Test the switch.
Light is dim or flickers.	Incorrect voltage; damaged unit.	Verify the power supply voltage (230V). If the problem persists, the unit may be faulty and require replacement.
Unusual noise or smell.	Electrical fault.	Immediately disconnect power at the circuit breaker. Do not attempt to use the light. Contact a qualified electrician or HOFTRONIC support.

If the issue cannot be resolved using these steps, please contact HOFTRONIC customer support.

8. SPECIFICATIONS

Attribute	Value
Brand	HOFTRONIC
Model Number	5435843
Dimensions (L x W x H)	60 x 7.4 x 2.5 cm
Item Weight	5 Kilograms (for the set of 4)
Number of Items	4
Color Temperature	4000 Kelvin (Neutral White)
Shape	Tubular
Bulb Type	LED
Luminous Flux	2400 Lumens
Power Consumption	20 Watts
Incandescent Equivalent	20 Watts
Voltage	230 Volts (AC)
Beam Angle	110 Degrees
Shade Material	Plastic

Attribute	Value
Installation Type	Ceiling Mount
Special Features	Efficient LED (120 lm/W), Easy Installation, Up to 80% Energy Saving, Ultra-flat (2.5 cm)
IP Rating	IP20 (Indoor dry use only)
CRI (Color Rendering Index)	> 80
Lifespan	30,000 hours

Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen			
Name oder Handelsmarke des Lieferanten: HOFTRONIC			
Anschrift des Lieferanten: HOF Trading Support, Fahrenheitstraat 11, 6003 DC Weert Limburg, NL			
Modellkennung: 5435843			
Art der Lichtquelle:			
Verwendete Beleuchtungstechnologie:	LED	Ungeformt oder gebündelt:	NOLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	Integrated LEDs		
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	MLS	Vernetzte Lichtquelle (CLS):	Nein
Farblich abstimmbare Lichtquelle:	Nein	Hülle:	-
Lichtquelle mit hoher Leuchtdichte:	Nein		
Blendschutzschild:	Nein	Dimmbar:	Nein
Produktparameter			
Parameter	Wert	Parameter	Wert
Allgemeine Produktparameter:			
Energieverbrauch im Ein-Zustand (kWh/1000 h), auf die nächstliegende ganze Zahl gerundet	20	Energieeffizienzklasse	E
Nutzlichtstrom (Lumen) mit Angabe, ob sich der Wert auf den Lichtstrom in einer Kugel (360°), in einem breiten Kegel (120°) oder in einem schmalen Kegel (90°) bezieht	2 400 in breiter Kegel (120°)	ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlchen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	4 000
Leistungsaufnahme im Ein-Zustand (P _{in}) in W	20,0	Leistungsaufnahme im Bereitschaftszustand (P _{by}) in W, auf die zweite Dezimalstelle gerundet	-
Leistungsaufnahme im vernetzten Bereitschaftsbetrieb (P _{net})	-	Farbwiedergabeindex, auf die nächstliegende ganze Zahl gerundet, oder Spanne der einstellbaren CRI-Werte	80

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für CLS in W, auf die zweite Dezimalstelle gerundet		Zahl gerundet, oder Spanne der einstellbaren CRI-Werte	
äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter)	Höhe Breite Tiefe	25 74 600	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Vollast
Angabe zu einer gleichwertigen Leistungsaufnahme ^[1]	-	Falls ja, gleichwertige Leistungsaufnahme (W)	-
		Farbwertanteile (x und y)	0,380 0,380
Parameter für LED- und OLED-Lichtquellen:			
Wert des R9-Farbwiedergabeindex	7	Lebensdauerfaktor	-
Lichtstromerhalt	-		
Parameter für LED- und OLED-Netzspannungslichtquellen:			
Verschiebungsfaktor (cos φ1)	0,83	Farbkonsistenz in MacAdam-Ellipsen	2
Angabe, dass eine LED-Lichtquelle eine Leuchtstofflichtquelle ohne eingebautes Vorschaltgerät mit einer bestimmten Leistungsaufnahme ersetzt, Flicker-Messgröße (Pst LM)	„N“	Falls ja, Angabe zur ersetzten Leistungsaufnahme (W)	-
	0,1	Messgröße für Stroboskop-Effekte (SVM)	-

[1] „-“: nicht zutreffend;

[N] „-“: nicht zutreffend;

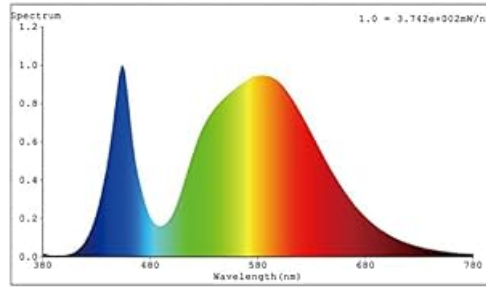


Image: Detailed product data sheet providing comprehensive technical specifications.

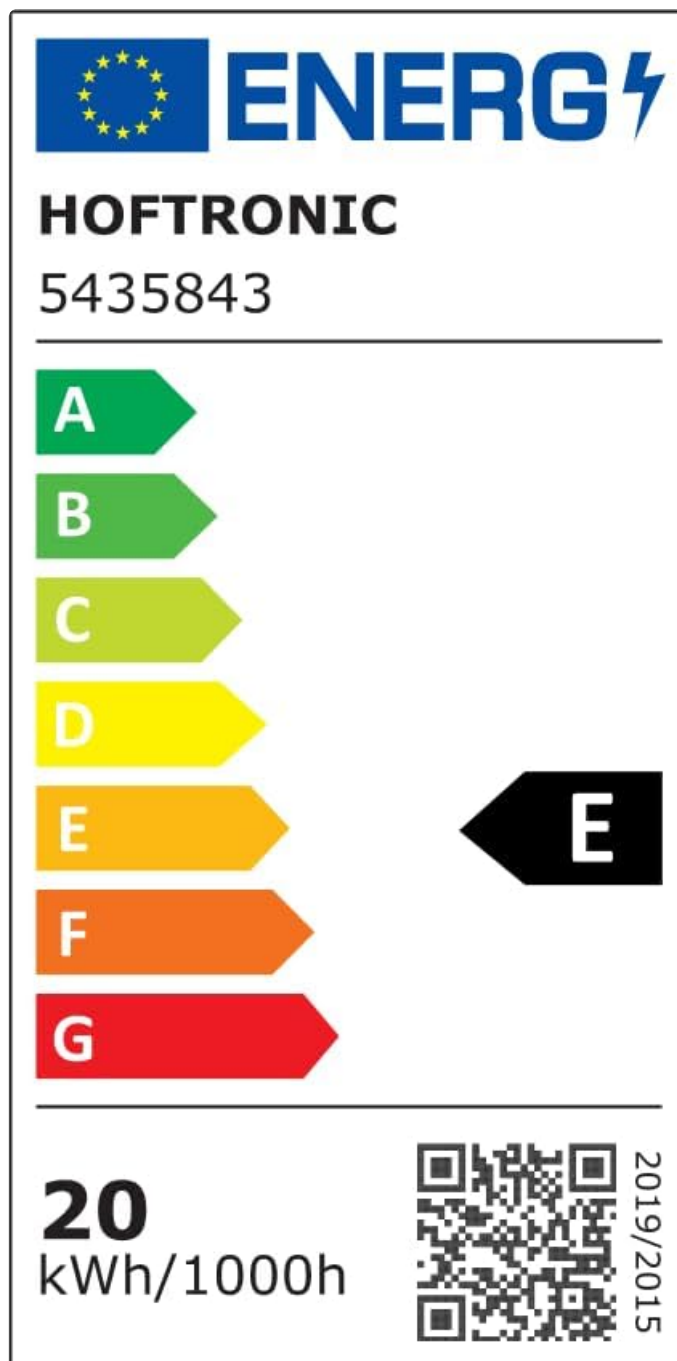


Image: EU Energy Efficiency Label for the product, indicating an 'E' rating and 20 kWh/1000h consumption. For more details, visit the [EPREL database](#).

9. WARRANTY AND SUPPORT

HOFTRONIC products are manufactured and tested with the utmost care and attention to quality. These LED light strips come with a **5-year all-in warranty**, reflecting their long lifespan of 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: Graphic highlighting the 5-year extended warranty and 30,000 hours lifespan of the LED light strips.

For any questions, technical assistance, or warranty claims, please contact HOFTRONIC customer service.
Please have your model number (5435843) and proof of purchase ready when contacting support.