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**HOFTRONIC 5423871**

# HOFTRONIC Flex60 LED Strip Light 25m 6000K Daylight White - User Manual

Brand: HOFTRONIC | Model: 5423871

## INTRODUCTION

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This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your HOFTRONIC Flex60 LED Strip Light. Please read this manual thoroughly before use and retain it for future reference.



*Image: The HOFTRONIC Flex60 LED Strip Light, 25 meters in length, coiled on its reel, emitting a bright daylight white light.*

## SAFETY INSTRUCTIONS

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- Ensure the power supply is disconnected before installation or maintenance.
- This product operates on 230V AC. Installation should be performed by a qualified professional if you are unsure.
- Do not bend the LED strip sharply or apply excessive force, as this may damage the internal circuitry.
- The LED strip is IP65 rated, meaning it is protected against dust and low-pressure water jets. For outdoor use, ensure all connections are properly sealed with the provided glue to maintain waterproofing.
- Do not immerse the LED strip in water.
- Keep out of reach of children.
- Do not cover the LED strip with materials that could impede heat dissipation during operation.

## PRODUCT FEATURES

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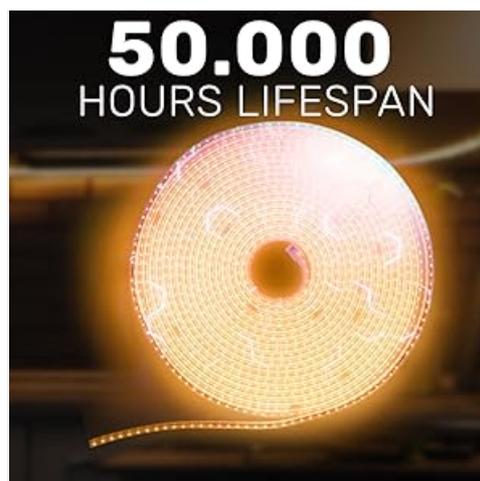
- **High Brightness:** Equipped with 60 high-lumen SMD 2835 LED chips per meter, providing 308 lumens per meter.
- **Energy Efficient:** Consumes only 7 Watts per meter.
- **Long Lifespan:** Designed for a lifespan of up to 50,000 hours.
- **Durable & Weatherproof:** IP65 rated for protection against dust and water, and UV resistant, suitable for both indoor and outdoor applications.
- **Flexible & Customizable:** Can be cut every meter to adjust length and is extendable up to 100 meters (additional connectors/strips sold separately).
- **Plug & Play:** Direct connection to 230V AC power supply without the need for a separate transformer. Includes overcurrent protection.
- **Dimmable:** Compatible with external dimmers (dimmer not included).



*Image: The LED strip demonstrating its IP65 water and dust resistance.*



*Image: Detail of the high lumen SMD 2835 LED chips used in the strip.*



## SETUP

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1. **Unpack and Inspect:** Carefully unroll the LED strip and inspect it for any visible damage. Ensure all components are present.
2. **Determine Length:** Measure the desired length for your installation. The Flex60 LED strip can be cut at every meter mark, indicated by a cutting symbol on the strip. Use sharp scissors for a clean cut.
3. **Connect Power Cable:** Attach the provided power cable with the overcurrent protection plug to the cut end of the LED strip. Ensure a secure and proper connection.
4. **Waterproofing (for Outdoor Use):** If installing outdoors, apply the provided waterproof glue to seal the connection point between the power cable and the LED strip. This ensures the IP65 rating is maintained.
5. **Mounting:** Secure the LED strip to your desired surface using appropriate mounting clips or adhesive (not included). Ensure the surface is clean and dry for optimal adhesion.



Image: The LED strip being cut at a designated mark, illustrating its adjustable length feature.



Image: A visual guide demonstrating the simple plug-and-play connection method for the LED strip.



Image: Detailed dimensions of the power connector and cable for the LED strip.



Image: A person installing the LED strip light under the eaves of an outdoor structure.

## OPERATING INSTRUCTIONS

1. **Power On:** Once the LED strip is securely installed and connected, plug the power cable into a standard 230V AC

electrical outlet. The LED strip will illuminate.

2. **Dimming (Optional):** If you wish to dim the light, connect a compatible external dimmer (not included) between the power outlet and the LED strip's power plug. Follow the dimmer's instructions for operation.
3. **Power Off:** To turn off the LED strip, simply unplug it from the electrical outlet or use the switch on your external dimmer if one is installed.

## APPLICATION EXAMPLES

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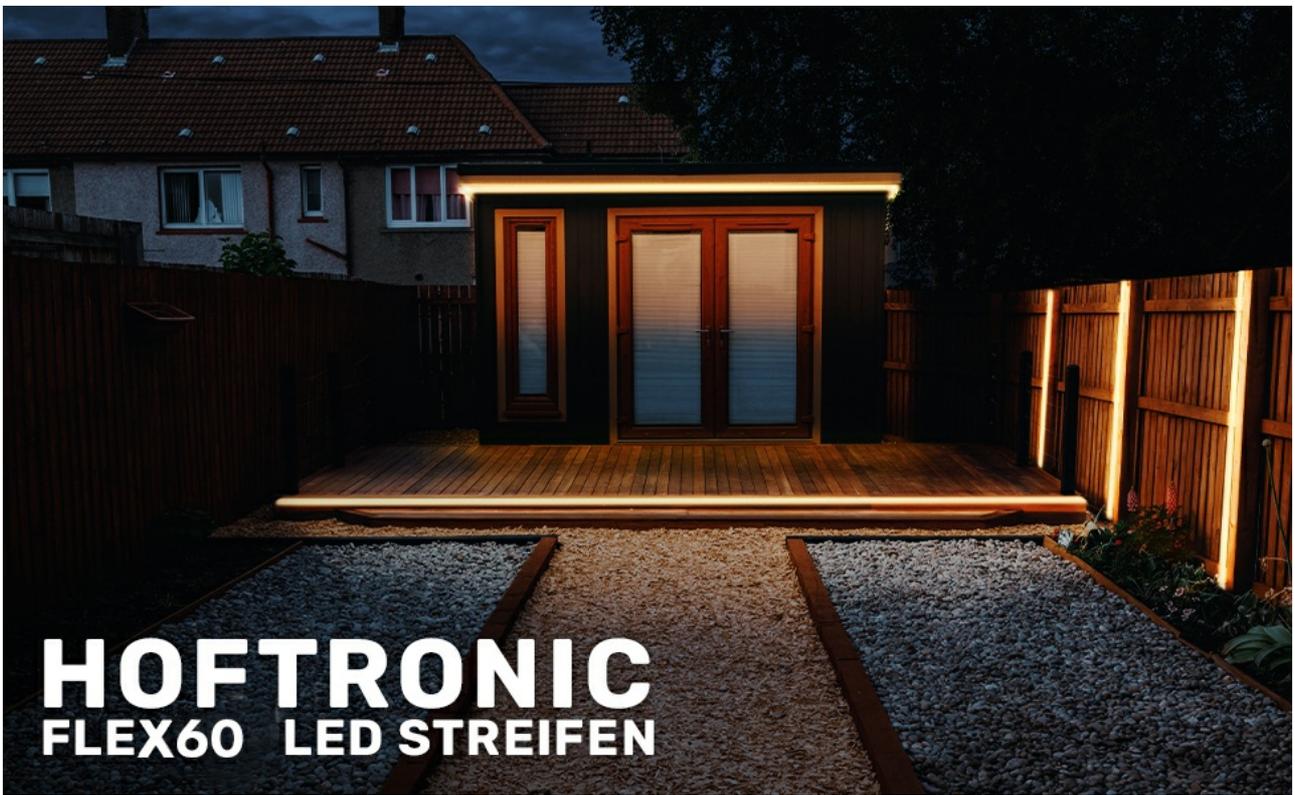
The HOFTRONIC Flex60 LED Strip Light is versatile and can be used in various indoor and outdoor settings to enhance ambiance and provide functional lighting.



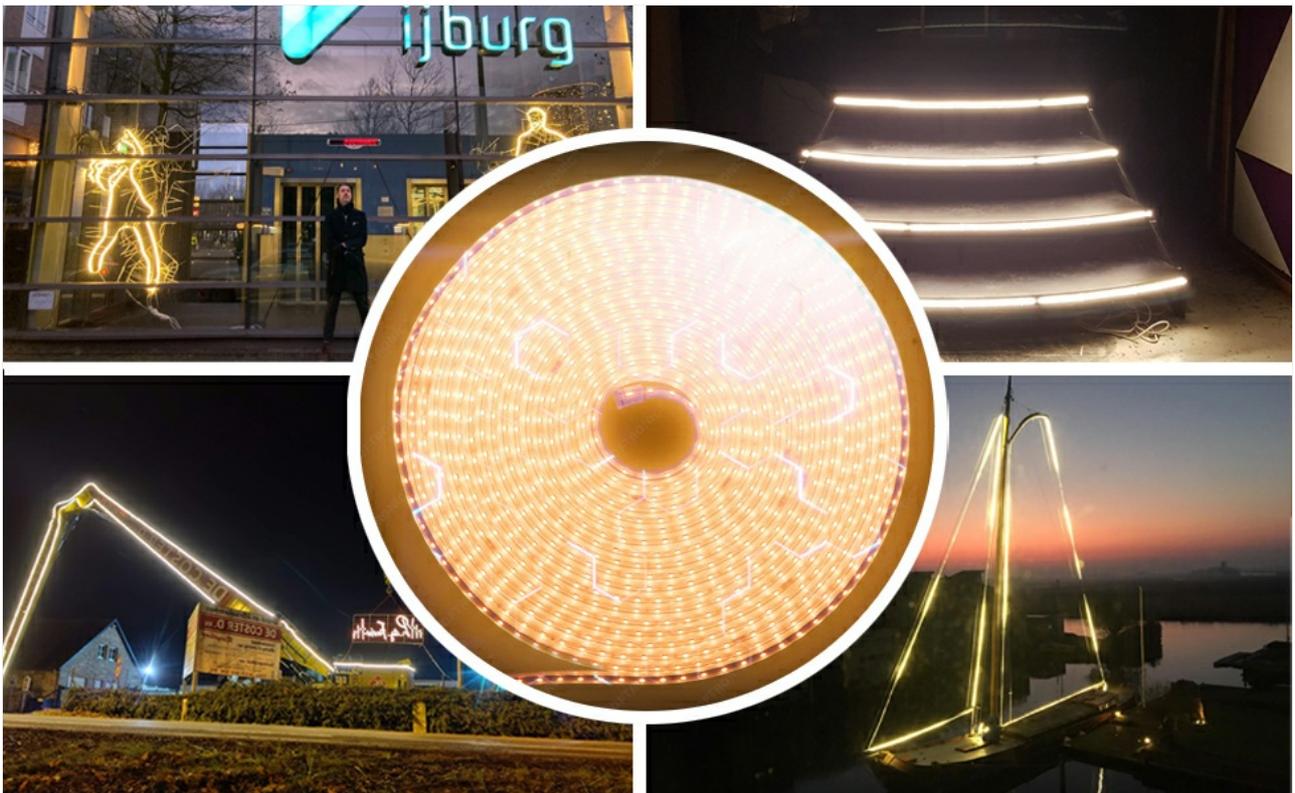
*Image: The LED strip installed under kitchen cabinets, providing ambient lighting.*



*Image: The LED strip integrated into ceiling coving for indirect lighting.*



*Image: An outdoor garden shed and pathway creatively lit by HOFTRONIC Flex60 LED strips.*



*Image: A collage showcasing diverse applications of the LED strip, including architectural accents and decorative lighting.*

## MAINTENANCE

- **Cleaning:** Ensure the LED strip is unplugged before cleaning. Gently wipe the surface with a soft, dry or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Connection Check:** Periodically inspect the power connection and any sealed areas (for outdoor use) to ensure they remain secure and waterproof.
- **Storage:** If storing the LED strip for an extended period, coil it loosely and keep it in a dry, cool place away from direct

sunlight.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
LED strip does not light up.	No power supply; loose connection; faulty power plug.	Check if the power plug is securely inserted into a working outlet. Ensure the connection between the strip and the power cable is firm. Test the outlet with another device.
Part of the LED strip is not lighting.	Damage to a section of the strip; improper cut.	Inspect the unlit section for visible damage or a faulty cut. If a section is damaged, it may require replacement of that segment or the entire strip.
Light flickers or is inconsistent.	Loose connection; unstable power supply; incompatible dimmer (if used).	Check all connections. Ensure the power supply is stable. If using a dimmer, ensure it is compatible with LED strip lights.
Dimming function not working.	Incompatible dimmer; dimmer not connected correctly.	Ensure the external dimmer is specifically designed for LED strip lights and is correctly installed according to its instructions.

## SPECIFICATIONS

Attribute	Value
Brand	HOFTRONIC
Model Number	5423871
Length	25 meters
Dimensions (L x W x H)	2500 x 1.2 x 0.6 cm (25m x 12mm x 6mm)
Color Temperature	6000K (Daylight White)
LED Type	SMD 2835
LEDs per Meter	60
Luminous Flux	7700 lm (total) / 308 lm/meter
Power Consumption	7 W/meter
Input Voltage	230V AC
Lifespan	50,000 hours
IP Rating	IP65 (Dust and water resistant)
Dimmable	Yes (with external dimmer, not included)
Energy Efficiency Class	F

Attribute	Value
Specific Uses	Indoor and Outdoor

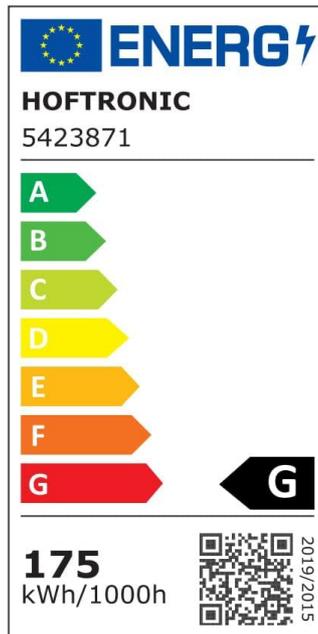


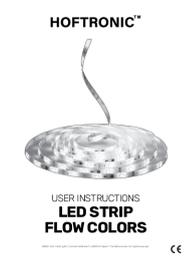
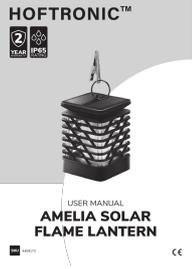
Image: The EU Energy Label for the HOFTRONIC Flex60 LED Strip Light, indicating an energy efficiency class of F. For detailed product information, refer to the [EPREL Product Database \(QR Code 861800\)](#).

## WARRANTY AND SUPPORT

HOFTRONIC provides a warranty for this product. For any issues or questions regarding your HOFTRONIC Flex60 LED Strip Light, please contact HOFTRONIC customer service. When contacting support, please have your order number readily available for efficient assistance.

## Related Documents - 5423871

	<p><a href="#">HOFTRONIC Venezia LED Dimmable Downlight User Manual</a></p> <p>User manual for the HOFTRONIC Venezia LED Dimmable Downlight, providing safety, installation, dimming, and maintenance instructions. Features IP65 rating and fire resistance.</p>
	<p><a href="#">Hoftronic Miles XL LED Wall Light Installation Manual</a></p> <p>Comprehensive installation guide and safety instructions for the Hoftronic Miles XL LED Wall Light. Covers electrical setup, mounting, intended use, maintenance, and environmental disposal for this 20W, IP65 rated fixture.</p>

 <p><b>HOFTRONIC™</b> USER MANUAL <b>ROME DIMMABLE LED DOWNLIGHT</b></p>	<p><a href="#">HOFTRONIC Rome Dimmable LED Downlight User Manual   Installation &amp; Safety Guide</a></p> <p>User manual for the HOFTRONIC Rome Dimmable LED Downlight (SKUs 4400316, 4400323, 4400330). Provides essential safety instructions, detailed installation guidance, technical specifications, usage tips, maintenance advice, environmental considerations, and declaration of conformity. Features include dimmability, IP44 rating, and a 5-year warranty.</p>
 <p><b>HOFTRONIC™</b> USER INSTRUCTIONS <b>LED STRIP FLOW COLORS</b></p>	<p><a href="#">HOFTRONIC LED Strip Flow Colors User Instructions</a></p> <p>User instructions for the HOFTRONIC LED Strip Flow Colors, covering installation, app setup, safety, product functions, and remote control operation.</p>
 <p><b>HOFTRONIC™</b> USER MANUAL <b>S-SERIES LUMINAIRES</b></p>	<p><a href="#">Hoftronic S-Series Luminaires User Manual</a></p> <p>User manual for the Hoftronic S-Series Luminaires, providing installation, safety, and usage guidelines. Includes product specifications and compliance information.</p>
 <p><b>HOFTRONIC™</b> USER MANUAL <b>AMELIA SOLAR FLAME LANTERN</b></p>	<p><a href="#">HOFTRONIC Amelia Solar Flame Lantern User Manual   Outdoor Lighting Guide</a></p> <p>Comprehensive user manual for the HOFTRONIC Amelia Solar Flame Lantern (SKU 4409173). Learn about installation, operation, maintenance, safety, and product specifications for this durable IP65 rated outdoor light.</p>

Documents - HOFTRONIC – 5423871

**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: 5423871

Type of light source:		Lighting technology used:	
Light source cap-type (or other electric interface)	Integrated LEDs	LED	Non-directional or directional
Stains or non-matrix	MVLS	Connected source (CS)	NDLS
Colour-tunable light source:	No	Enclosure:	-
High luminance light source:	No	Dimmable:	Only with specific dimmers
Anti-glare shield:	No		

Product parameters			
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in the mode (0.0Wh/1000 h), rounded up to the nearest integer	118	Energy class	F
Useful luminous flux (lm), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	12 750 lm Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperature, rounded to the nearest 100 K, that can be set	6 500
On-mode power (P <sub>on</sub> ), expressed in W	137.5	Standby power (P <sub>stb</sub> ), expressed in W and rounded to the second decimal	0.00
Networked standby power (P <sub>ns</sub> ) 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, light	Height: 25 000 Width: 12 Depth: 6	Spectral power distribution in the range 250 nm to 800 nm, at full load	See image in last page

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[\[pdf\] Dimension Guide Label](#)

Product information sheet Dimmable LED Strip 25m 6000K 60 LEDs m IP65 Plug Play 5423871 ~ Fiche en GB  
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Product Information Sheet COMMISSION DELEGATED REGULATION EU 2019/2015 with regard to energy labelling of light sources  
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Supplier's address: HOF Trading Support, Fahrenheitstraat 11, 6003 DC Weert Limburg, NL  
Model identifier: **5423871**  
Type of light source: ...  
lang:en score:27 filesize: 149.49 K page\_count: 4 document date: 2025-02-19

