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HOFTRONIC 5435843

HOFTRONIC LED Light Strip Instruction Manual

Model: 5435843 | Brand: HOFTRONIC

1. Introduction

Thank you for choosing the HOFTRONIC LED Light Strip. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting product. Please read these instructions carefully before installation and retain them for future reference.

2. Safety Instructions

- Always disconnect power before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician or competent person.
- Ensure the supply voltage matches the product's specifications (230 Volts).
- Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.
- This product is rated IP20, suitable for dry indoor environments only. Do not expose to water or high humidity.
- Keep packaging materials out of reach of children.

3. Package Contents

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

- HOFTRONIC LED Light Strip (4 units)
- Mounting clips (for each unit)
- Screws and wall plugs (for mounting)
- Instruction Manual

4. Setup and Installation

The HOFTRONIC LED light strips are designed for easy ceiling mounting. The LED tubes are integrated, simplifying the installation process.

1. **Preparation:** Ensure the power supply to the installation area is switched off at the main circuit breaker.
2. **Marking:** Determine the desired mounting location. Use the light strip as a template to mark the positions for the mounting clips on the ceiling or wall.

3. **Drilling:** Drill holes at the marked positions. Insert the provided wall plugs into the drilled holes.
4. **Attaching Clips:** Secure the mounting clips to the ceiling/wall using the screws.
5. **Wiring:** Connect the light strip's electrical wires to your main power supply. Ensure correct polarity (Live, Neutral, Earth) according to local electrical codes. If unsure, consult a qualified electrician.
6. **Mounting the Light Strip:** Carefully snap the LED light strip into the secured mounting clips. Ensure it is firmly seated.
7. **Final Check:** Double-check all connections and mounting security. Restore power to the circuit.



Figure 4.1: Back view of the HOFTRONIC LED light strip, illustrating the mounting clips and wiring area. This shows how the light strip attaches to the ceiling or wall.



Figure 4.2: The lightweight and ultra-thin housing (25mm) of the HOFTRONIC LED light strip, designed for easy installation in dry indoor environments.

5. Operating Instructions

Once installed and powered, the HOFTRONIC LED Light Strip operates immediately upon activation of the connected wall switch or power source. There are no additional controls on the unit itself.

- **Switching On/Off:** Use the standard wall switch connected to the light strip to turn it on or off.
- **Light Quality:** The 4000K neutral white light provides a bright, clear illumination suitable for various tasks. The 110-degree beam angle ensures wide, shadow-free light distribution.

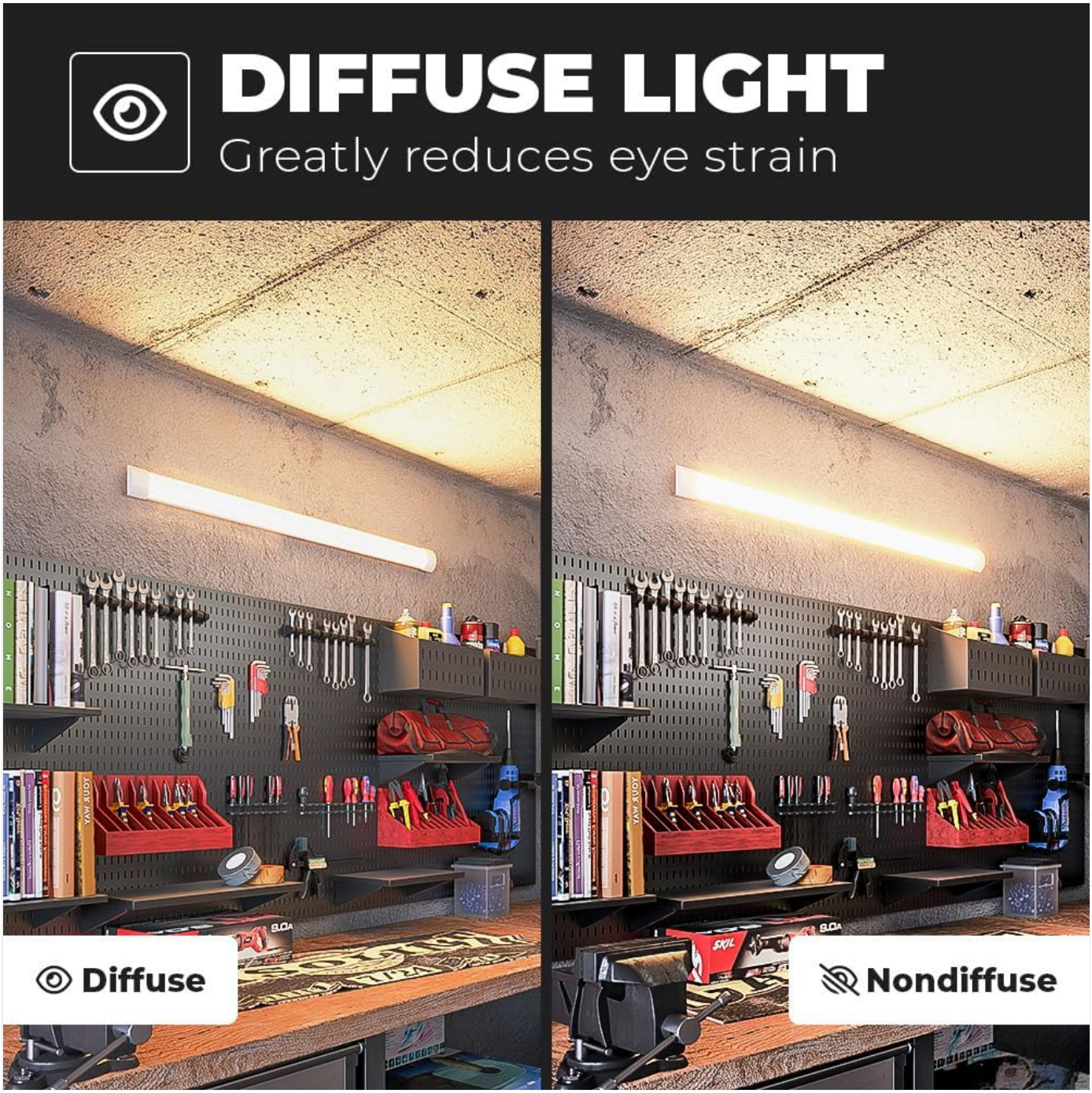


Figure 5.1: Illustration of diffuse light (left) versus non-diffuse light (right). The HOFTRONIC LED light strip provides diffuse light to reduce eye strain and eliminate harsh shadows.

6. Maintenance

The HOFTRONIC LED Light Strip requires minimal maintenance.

- **Cleaning:** Before cleaning, ensure the power is disconnected. Wipe the surface of the light strip with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **No Bulb Replacement:** The LED chips are integrated and designed for a long lifespan (up to 30,000 hours), eliminating the need for bulb replacement.

7. Troubleshooting

If you encounter issues with your HOFTRONIC LED Light Strip, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty switch	Check circuit breaker and wall switch. Verify all wiring connections are secure (ensure power is off first). Test the switch with another device or replace if faulty.
Light flickers	Unstable power supply Loose connection	Ensure stable power. If problem persists, consult an electrician. Check wiring connections (ensure power is off first).
Reduced brightness	Dust accumulation End of product lifespan	Clean the light strip surface. If the product is nearing its expected lifespan (30,000 hours), reduced brightness may occur.

If troubleshooting steps do not resolve the issue, please contact HOFTRONIC customer support.

8. Specifications

Feature	Specification
Brand	HOFTRONIC
Model Number	5435843
Product Dimensions (L x W x H)	60 x 7.4 x 2.5 cm
Weight (per 4-unit set)	5 Kilograms
Power Consumption	20 Watts
Luminous Flux	2400 Lumens
Color Temperature	4000 Kelvin (Neutral White)
Color Rendering Index (CRI)	> 80
Beam Angle	110 Degrees
Voltage	230 Volts AC
Lifespan	Up to 30,000 hours
IP Rating	IP20 (Indoor use only)
Material	Plastic (Shade)
Installation Type	Ceiling Mount
Special Features	120 lm/W efficiency, Ultra-flat (2.5 cm), Energy-saving



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	Ungebündelt oder gebündelt:	NDLS
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 (φuse) 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 ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	4 000
Leistungsaufnahme im Ein-Zustand (P_{on}) in W	20,0	Leistungsaufnahme im Bereitschaftszustand (P_{sb}) 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
für CLS in W, auf die zweite Dezimalstelle gerundet			
Äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter) — Höhe	25	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Volllast	Siehe Bild auf letzter Seite
Breite	74		
Tiefe	600		
Angabe zu einer gleichwertigen Leistungsaufnahme[a]	-	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.	„Ja"	Falls ja, Angabe zur ersetzten Leistungsaufnahme (W)	-
Flimmer-Messgröße (Pst LM)	0,1	Messgröße für Stroboskop-Effekte (SVM)	-

[a] „-": nicht zutreffend;
[b] „-": nicht zutreffend;

Figure 8.1: EU Energy Label for Model 5435843. For more details, visiteprel.ec.europa.eu/qr/1547483.

9. Warranty and Support

HOFTRONIC products are manufactured and tested with the utmost care to ensure high quality. This product comes with a warranty of up to 10 years, reflecting our commitment to durability and performance.

For any questions, technical assistance, or warranty claims, please contact HOFTRONIC customer service. Our professional support team is ready to assist you.

Please refer to your purchase documentation for specific warranty terms and contact information.

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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