

HOFTRONIC 4409500

HOFTRONIC LED Light Strip 60cm 20W 3000K Warm White (6-Pack) - Model 4409500 Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your HOFTRONIC LED Light Strips. These ultra-slim LED strips are designed for various indoor applications, offering bright, energy-efficient illumination.

Each light strip features 20W power consumption, producing 2400 lumens of 3000K warm white light. They are flicker-free, have a wide 110-degree beam angle, and a Color Rendering Index (CRI) of over 80, ensuring realistic color representation. The product is supplied as a 6-pack, model number 4409500.

2. SAFETY INSTRUCTIONS

- Always disconnect the power supply before installation, maintenance, or cleaning.
- This product has an IP20 rating, meaning it is protected against solid objects larger than 12.5mm but has no protection against water. It is suitable for indoor use only and must not be installed in wet or damp environments (e.g., bathrooms without proper ventilation, outdoor areas).
- Ensure the voltage of your electrical supply matches the product's specified voltage (230 Volts).
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.
- Keep packaging materials out of reach of children.

3. PACKAGE CONTENTS

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

- 6 x HOFTRONIC LED Light Strips (Model 4409500)
- Mounting clips (quantity sufficient for 6 units)
- Instruction Manual

4. SETUP AND INSTALLATION

The HOFTRONIC LED Light Strips are designed for easy ceiling mounting using the provided clips. Follow these steps for a secure installation:

1. **Step 1: Preparation**

Before starting, ensure the main power supply to the installation area is switched off at the circuit breaker. This prevents electrical shock.

2. **Step 2: Mark Mounting Points**

Choose the desired location for your LED light strip. Use the light strip itself or the mounting clips as a template to mark the drilling points on the ceiling or wall. Ensure the marked points are level and adequately spaced for secure mounting.

3. **Step 3: Install Mounting Clips**

Drill holes at the marked points. Insert appropriate wall plugs (not always included, depending on surface type) and then secure the mounting clips to the surface using screws. Ensure the clips are firmly attached.

4. **Step 4: Electrical Connection**

Connect the light strip's electrical wiring to your main power supply. The product features a quick connection system. Ensure all connections are secure and comply with local electrical codes. If in doubt, consult a qualified electrician.

5. **Step 5: Mount the Light Strip**

Carefully align the LED light strip with the installed mounting clips and snap it into place. Ensure it is securely seated in all clips.

6. **Step 6: Test**

Once the light strip is securely mounted and all electrical connections are made, restore power to the circuit. Test the light strip by switching it on.



Figure 1: Detailed view of the HOFTRONIC LED light strip, showing its slim profile and integrated LED components.

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: 4409500			
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	2 400 lm	ähnliche Farbtemperatur, gerundet auf die nächst-	3 000

(360°), in einem breiten Kegel (120°) oder in einem schmalen Kegel (90°) bezieht			liegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	
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 gan-	80
Seite 1 / 2				
für CLS in W, auf die zweite Dezimalstelle gerundet			ze Zahl gerundet, oder Spanne der einstellbaren CRI-Werte	
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)	-
Parameter für LED- und OLED-Lichtquellen:				
Wert des R9-Farbwiedergabeindex	-		Lebensdauerfaktor	-
Lichtstromerhalt	-			
Parameter für LED- und OLED-Netzspannungslichtquellen:				
Verschiebungsfaktor (cos φ ₁)	-		Farbkonsistenz in MacAdam-Ellipsen	-
Angabe, dass eine LED-Lichtquelle eine Leuchtstofflichtquelle ohne eingebautes Vorschaltgerät mit einer bestimmten Leistungsaufnahme ersetzt.	„(b)“		Falls ja, Angabe zur ersetzten Leistungsaufnahme (W)	-
Flimmer-Messgröße (Pst LM)	-		Messgröße für Stroboskop-Effekte (SVM)	-
^(a) „-“: nicht zutreffend; ^(b) „-“: nicht zutreffend;				
Seite 2 / 2				

Figure 2: Rear view of the HOFTRONIC LED light strip, illustrating the mounting points and electrical connection area.

5. OPERATING INSTRUCTIONS

The HOFTRONIC LED Light Strip operates via a standard wall switch connected to its power supply. Simply toggle the switch to turn the light on or off.

6. MAINTENANCE

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the light strip. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can

damage the finish or electrical components.

- **No User-Serviceable Parts:** The LED light strip contains no user-serviceable parts. Do not attempt to open or repair the unit. Contact customer support if the product requires service.
- **Regular Inspection:** Periodically check the mounting clips and electrical connections to ensure they remain secure.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose electrical connection Faulty switch	Check if the main power supply is on. Verify all electrical connections are secure. Test the wall switch with another device.
Light is flickering	Unstable power supply Loose connection	Ensure stable power. Consult an electrician if power fluctuations persist. Check all electrical connections for tightness.
Reduced brightness	Incorrect voltage Dust accumulation	Ensure the voltage matches the product specification (230V). Clean the light strip as per maintenance instructions.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact HOFTRONIC customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	HOFTRONIC
Model Number	4409500
Dimensions (L x W x H)	60 x 7.4 x 2.5 cm
Weight	5 kg (for 6 units)
Power Consumption	20 Watts
Luminous Flux	2400 lumens
Color Temperature	3000 Kelvin (Warm White)
Color Rendering Index (CRI)	80.0
Beam Angle	110 Degrees
Voltage	230 Volts
IP Rating	IP20
Lifespan	30,000 hours
Shade Material	Plastic

Feature	Specification
Installation Type	Ceiling Mounting
Number of Items	6

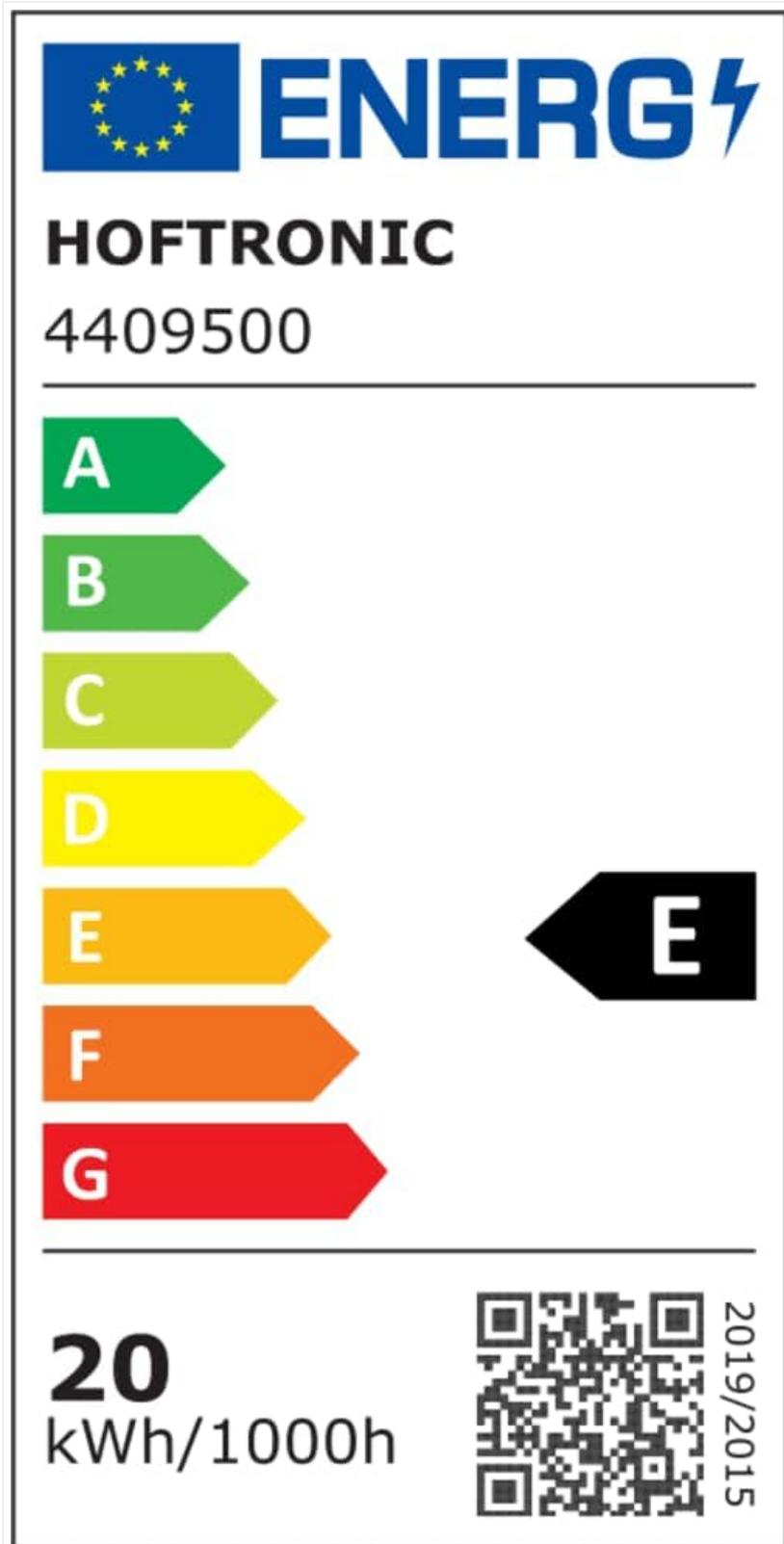


Figure 3: EU Energy Label for the HOFTRONIC LED Light Strip, indicating energy efficiency class E and consumption of 20 kWh/1000h.

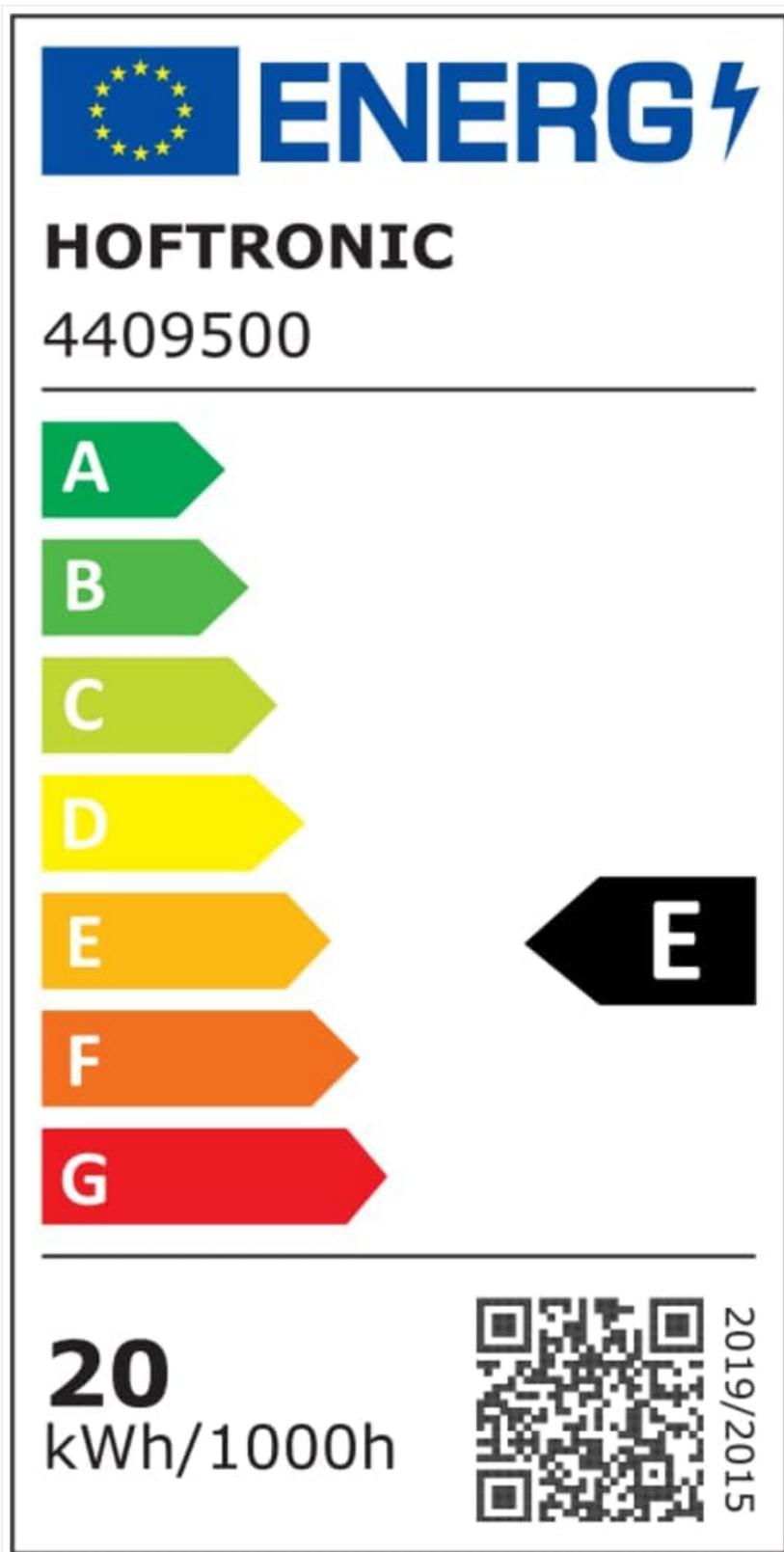


Figure 4: Product data sheet providing detailed technical specifications and compliance information for the HOFTRONIC LED Light Strip. For more information, scan the QR code or visit eprel.ec.europa.eu/qr/1547939.

9. WARRANTY AND SUPPORT

HOFTRONIC products are manufactured and tested with the utmost care and attention to quality. This product comes with a HOFTRONIC quality guarantee.

If you have any questions, require technical assistance, or need to report an issue, please contact HOFTRONIC customer service. Our professional customer advisors are available to assist you.

