

HOFTRONIC 4409593

HOFTRONIC LED Tube Light Instruction Manual

Model: 4409593 | Brand: HOFTRONIC

INTRODUCTION

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

Safety Information

- Always disconnect power before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Do not attempt to modify the product. Any modifications may void the warranty and pose safety risks.
- This product is designed for indoor use only.
- Ensure the mounting surface can support the weight of the fixture.

SETUP INSTRUCTIONS

The HOFTRONIC LED Tube Light is designed for easy ceiling installation with the included mounting clips. The LED tubes are integrated, eliminating the need for separate tube purchases.

Package Contents

- HOFTRONIC LED Tube Light(s)
- Mounting clips
- Screws and wall plugs (may vary by package)

Installation Steps

1. **Prepare the Installation Area:** Choose a suitable location on the ceiling. Ensure the power supply is turned off at the main circuit breaker.
2. **Mark Mounting Points:** Hold the LED tube light against the ceiling at the desired position and mark the locations for the mounting clips.

3. **Install Mounting Clips:** Drill holes at the marked points. Insert wall plugs (if necessary) and secure the mounting clips to the ceiling using screws.
4. **Wiring:** Connect the fixture's electrical wires to your main power supply. Ensure correct polarity (Live, Neutral, Earth) according to local wiring regulations. This fixture operates on 230 Volts AC.
5. **Attach the Fixture:** Carefully snap the LED tube light into the secured mounting clips. Ensure it is firmly seated.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the main circuit breaker.



Image: Two HOFRONIC LED tube lights providing bright, shadow-free lighting in a workshop environment. This illustrates a typical installation scenario.

OPERATING INSTRUCTIONS

The HOFRONIC LED Tube Light is designed for straightforward operation.

Turning On/Off

Once properly installed and connected to the power supply, the LED tube light can be switched on and off

using a standard wall switch connected to the circuit. There are no additional controls on the fixture itself.

Lighting Characteristics

- **Brightness:** Each 40W fixture provides 4800 lumens of light, offering super bright illumination.
- **Color Temperature:** The light output is 6400 Kelvin, which is a daylight white color, ideal for task lighting and environments requiring high visibility.
- **Flicker-Free:** The advanced LED chips ensure flicker-free operation, reducing eye strain.
- **Diffuse Light:** The milky transparent lampshade ensures a 110-degree shadow-free light distribution, providing comfortable and uniform illumination.

Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen			
Name oder Handelsmarke des Lieferanten: HÖFTRONIC			
Anschrift des Lieferanten: HOF Trading Support, Fahrenheitstraat 11, 6003 DC Weert Limburg, NL			
Modellkennung: 4409593			
Art der Lichtquelle:			
Verwendete Beleuchtungstechnologie:	LED	Ungebündelt 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	40	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	4 800 in breiter Kegel (120°)	Ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	6 400
Leistungsaufnahme im Ein-Zustand (P _{in}) in W	40,0	Leistungsaufnahme im Bereitschaftszustand (P _{in}) in W, auf die zweite Dezimalstelle gerundet	-
Leistungsaufnahme im vernetzten Bereitschaftsbetrieb (P _{in})	-	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 Breite: 74 Tiefe: 1 200	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Vollast	Siehe Bild auf letzter Seite
Angabe zu einer gleichwertigen Leistungsaufnahme ^[1]	-	Falls ja, gleichwertige Leistungsaufnahme (W)	-
		Farbwertanteile (x und y)	0,313 0,337
Parameter für LED- und OLED-Lichtquellen:			
Wert des R9-Farbwiedergabeindex	14	Lebensdauerfaktor	-
Lichtstromerhalt	-		
Parameter für LED- und OLED-Netzspannungslichtquellen:			
Verschiebungsfaktor (cos φ1)	0,98	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)	-

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[1] „-“: nicht zutreffend;
[2] „-“: nicht zutreffend;

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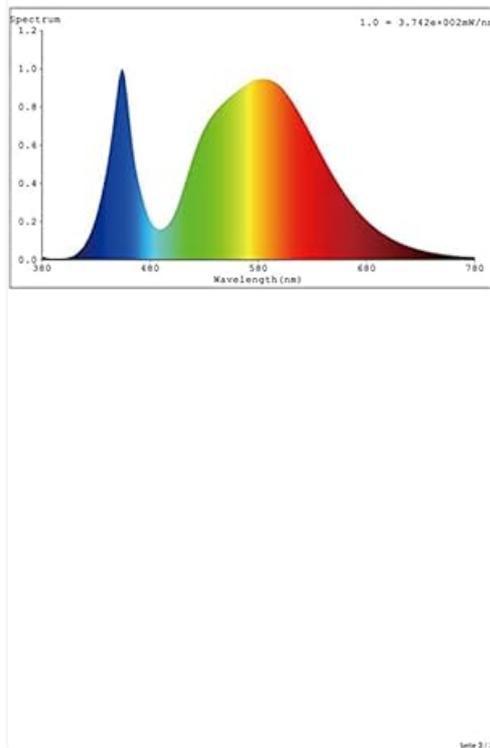


Image: Visual comparison demonstrating the benefit of diffuse light from HOFTRONIC LED tube lights in reducing eye strain compared to non-diffuse lighting.

MAINTENANCE

The HOFTRONIC LED Tube Light requires minimal maintenance due to its durable design and long lifespan.

Cleaning

- Before cleaning, ensure the power supply to the fixture is disconnected.
- Wipe the exterior of the fixture with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- Ensure the fixture is completely dry before restoring power.

Lamp Replacement

The LED tubes are integrated and not designed for user replacement. The fixture has an average lifespan of 30,000 hours, providing many years of maintenance-free operation under normal use.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty wall switch	Check circuit breaker and wall switch. Verify all wiring connections are secure (ensure power is off first). Test the wall switch with another device.
Light flickers	Unstable power supply Loose connection Incompatible dimmer (if applicable)	Ensure stable power. Check connections. This fixture is not designed for dimming unless explicitly stated.
Reduced brightness	Dust accumulation Aging LED components	Clean the fixture's surface. LEDs have a long lifespan, but gradual lumen depreciation is normal over many years of use.

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

SPECIFICATIONS

Brand	HOFTRONIC
Model Number	4409593
Product Dimensions (L x W x H)	120 x 7.4 x 2.5 cm
Item Weight	5 Kilograms (for 8-piece set)
Number of Items	8
Style	Modern
Color Temperature	6400 Kelvin (Daylight White)
Shape	Tube
Material (Body)	Aluminum
Material (Lampshade)	Plastic
Included Components	Mounting clips
Voltage	230 Volts AC
Specific Uses	Indoor only (e.g., home, garage, workshop, warehouse, store, cellar)
Special Features	Durable, 80% energy saving, Plug and Play, Ultra-flat (2.5 mm)
Lighting Angle	110 degrees
Installation Type	Ceiling mount
Bulb Type	Integrated LED

Luminous Flux	4800 lm
Wattage	40 Watts
Average Life	30,000 Hours
Certifications	FCC, CE

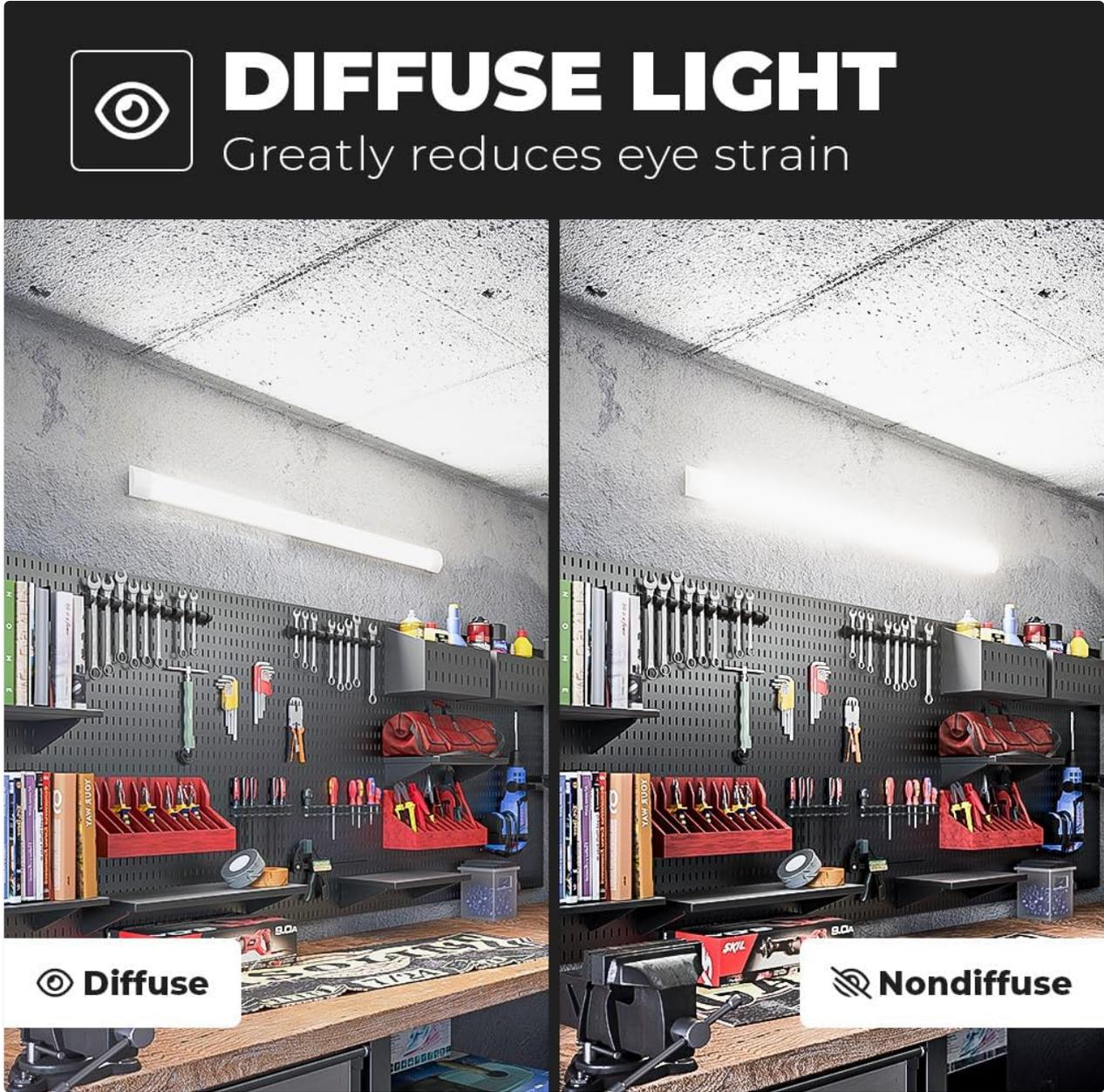


Image: Technical drawing illustrating the dimensions of the HOFTRONIC LED tube light: 1200mm length, 74mm width, and 25mm height.



HOFTRONIC

4409593



40
kWh/1000h



2019/2015

Image: EU Energy Label for HOFTRONIC LED tube light, showing energy efficiency class E and 40 kWh per 1000 hours. For more details, visit the [EPREL database](#).

WARRANTY INFORMATION

HOFTRONIC products are manufactured to high-quality standards. This LED tube light is designed for durability with an average lifespan of 30,000 hours, equivalent to approximately 12 years of burning time under typical usage (6-7 hours/day).

All HOFTRONIC products are FCC and CE certified, ensuring compliance with safety and quality standards. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact HOFTRONIC customer support.

CUSTOMER SUPPORT

Should you have any questions, require technical assistance, or experience any issues with your HOFTRONIC LED Tube Light, please do not hesitate to contact our customer service team.

Contact information can typically be found on the HOFTRONIC official website or on your purchase receipt.