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HOFTRONIC 4407667

HOFTRONIC LED TL Fixture 60cm - User Manual

Model: 4407667 | Brand: HOFTRONIC

Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your HOFTRONIC LED TL Fixture 60cm. Please read this manual thoroughly before use and retain it for future reference.

Safety Instructions

- Installation must be performed by a qualified electrician in accordance with local wiring regulations.
- Disconnect power before installation, maintenance, or cleaning.
- Do not look directly into the LED light source when it is illuminated.
- Ensure the fixture is securely mounted to prevent falling.
- Do not modify the product in any way.
- This fixture is IP65 rated, suitable for damp and dusty environments.
- Operating temperature range: -25°C to 50°C.
- Compatible with 230V main power and magnetic ballasts (VSA). Not compatible with electronic or high-frequency ballasts (VSA).



Image: Close-up view of the HOFTRONIC LED TL Fixture, showing the brand label and CE RoHS markings. This image illustrates the product's general appearance and compliance.

Package Contents

Verify that all components are present and undamaged.

- 1x HOFTRONIC LED TL Fixture (60cm)
- 1x LED TL Tube T8 G13 (160lm/W, 6000K)
- 1x LED Starter (0.5A 250VAC)
- Mounting accessories (clips, screws, etc.)



Image: A detailed view of the LED TL fixture, highlighting its robust construction and the included LED tube. This image helps users identify the main components.

Product Features

- **Material:** ABS and Polycarbonate housing for impact resistance and chemical vapor durability.
- **Waterproof Rating:** IP65, suitable for wet and dusty environments.
- **Efficiency:** 160 lumens per Watt, 9W power consumption, 1440 lumens light output.
- **Light Color:** 6000K Daylight White.
- **Flicker-Free:** Patented LED driver design for stable light, reducing eye strain and headaches.
- **Linkable:** Easily connect multiple fixtures using side glands (HofTronic Xtrem cables, SKU: 250596).
- **Tube Type:** T8 G13 fitting.
- **Warranty:** 3-year warranty.



Image: The LED TL fixture with water splashing, visually representing its IP65 water and dust resistance. This image emphasizes the product's durability in challenging environments.



Image: A close-up of the LED tube, highlighting the "Flicker Free LED Driver" feature and 160 lumen/Watt efficiency. This image details the advanced lighting technology.

Setup and Installation

1. **Power Disconnection:** Ensure the main power supply is switched off before commencing installation.
2. **Mounting:** Securely attach the fixture to the desired surface (e.g., ceiling) using appropriate mounting hardware.
3. **Wiring:**
    - Open the fixture housing.
    - Connect the main power supply (230V AC) to the designated terminals inside the fixture. Ensure correct polarity (Live, Neutral, Earth).
    - If linking multiple fixtures, use HofTronic Xtrem cables (SKU: 250596) to connect them via the side glands.
4. **LED Tube Insertion:** Insert the T8 LED TL tube into the G13 fitting.
5. **LED Starter Installation:** Replace any existing fluorescent starter with the included 0.5A 250VAC LED starter.

This is crucial for proper LED tube operation in traditional fixtures.

6. **Close Housing:** Securely close the fixture housing, ensuring the IP65 seal is maintained.
7. **Power Connection:** Restore power and test the fixture.



Image: A diagram illustrating how to connect multiple LED fixtures using HofTronic Xtrem cables. It shows the main LED fixture connected to AC power and a linked fixture.



Image: A close-up view of the G13 fitting inside the fixture, indicating its linkable capability. This image clarifies the tube installation point.



Image: The included LED starter, labeled "FUSE For LED tubes use only 0.5A 250VAC". This image shows the specific starter required for the LED tube.

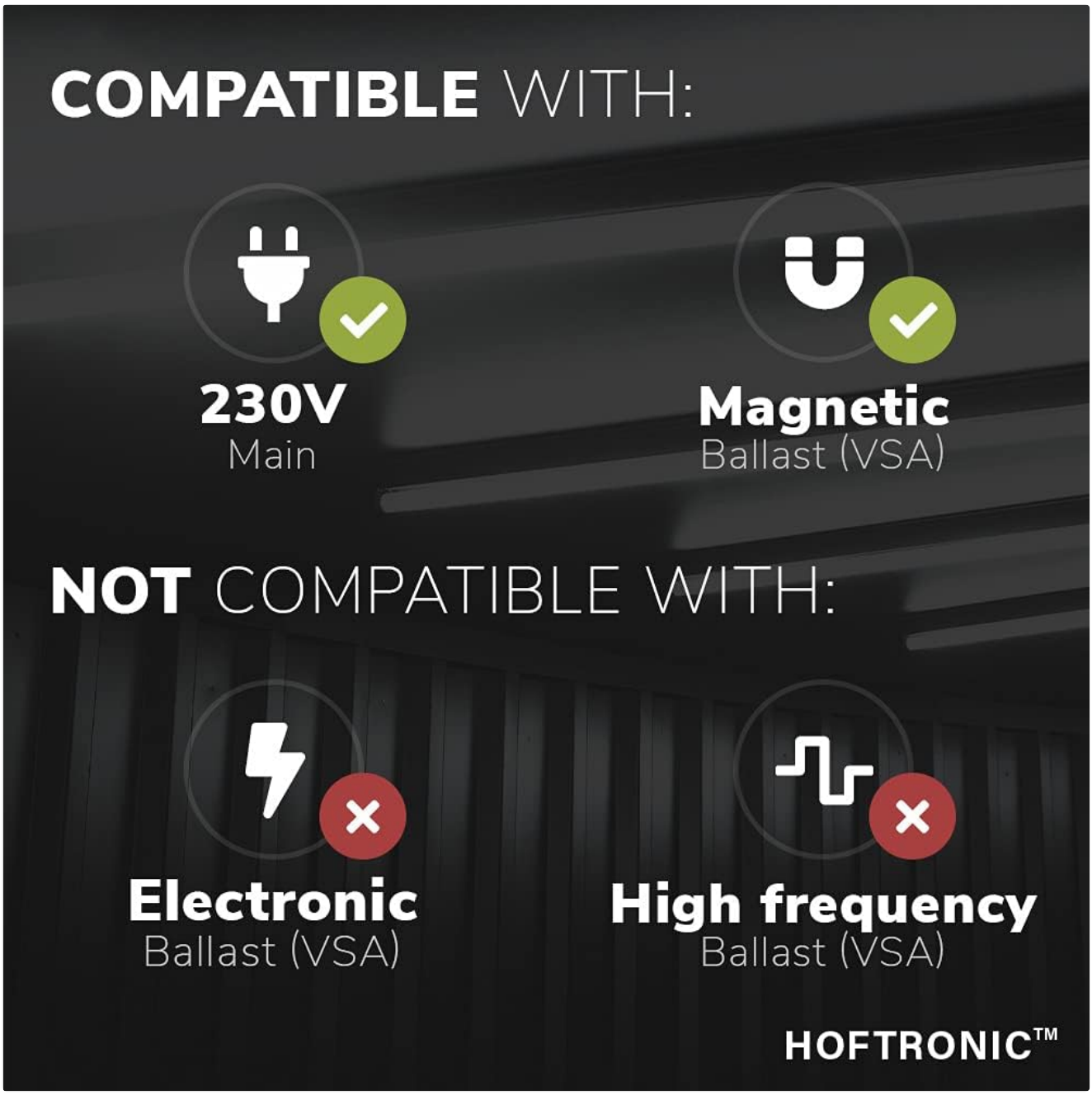


Image: A compatibility chart showing the fixture is compatible with 230V Main and Magnetic Ballast (VSA), but NOT with Electronic Ballast (VSA) or High frequency Ballast (VSA). This image provides crucial compatibility information.

Operation

Once installed and powered, the HOFTRONIC LED TL Fixture operates immediately upon switching on the connected power supply. No additional controls are typically required for basic operation.

- The fixture provides a consistent 6000K daylight white light.
- Its flicker-free design ensures comfortable illumination for extended periods.

Maintenance

- **Cleaning:** Disconnect power before cleaning. Wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear.
- **LED Tube Replacement:** While LED tubes have a long lifespan, if replacement is necessary, ensure the power is off. Use only compatible T8 G13 LED tubes.

- **IP65 Seal:** Ensure the housing is always securely closed to maintain its IP65 water and dust resistance.

Troubleshooting

Problem	Possible Cause	Solution
Fixture does not light up.	No power supply. Incorrect wiring. Faulty LED tube/starter.	Check power connection and circuit breaker. Verify wiring according to instructions. Ensure LED tube and starter are correctly installed and functional.
Light flickers.	Incompatible ballast (if retrofitting). Loose connection.	Ensure only magnetic ballasts are used, or direct 230V connection. Electronic/high-frequency ballasts are not compatible. Check all electrical connections.
Water ingress.	Improperly sealed housing. Damaged housing/glands.	Ensure all seals and glands are properly tightened and the housing is closed correctly. Inspect for damage and replace if necessary.

Specifications

Brand	HOFTRONIC
Model Number	4407667
Product Dimensions	66.4 x 6.6 x 7.3 cm
Weight	5 kg
Material	ABS, Polycarbonate
Waterproof Rating	IP65
Voltage	230 Volt
Wattage	9 Watt
Luminous Flux	1440 Lumen
Luminous Efficacy	160 Lumen/Watt
Color Temperature	6000 Kelvin (Daylight White)
Lamp Type	LED T8
Lamp Base	G13
Energy Efficiency Class	C
Special Features	Waterproof, Flicker-free, Linkable
EPREL Link	https://eprel.ec.europa.eu/qr/1066592

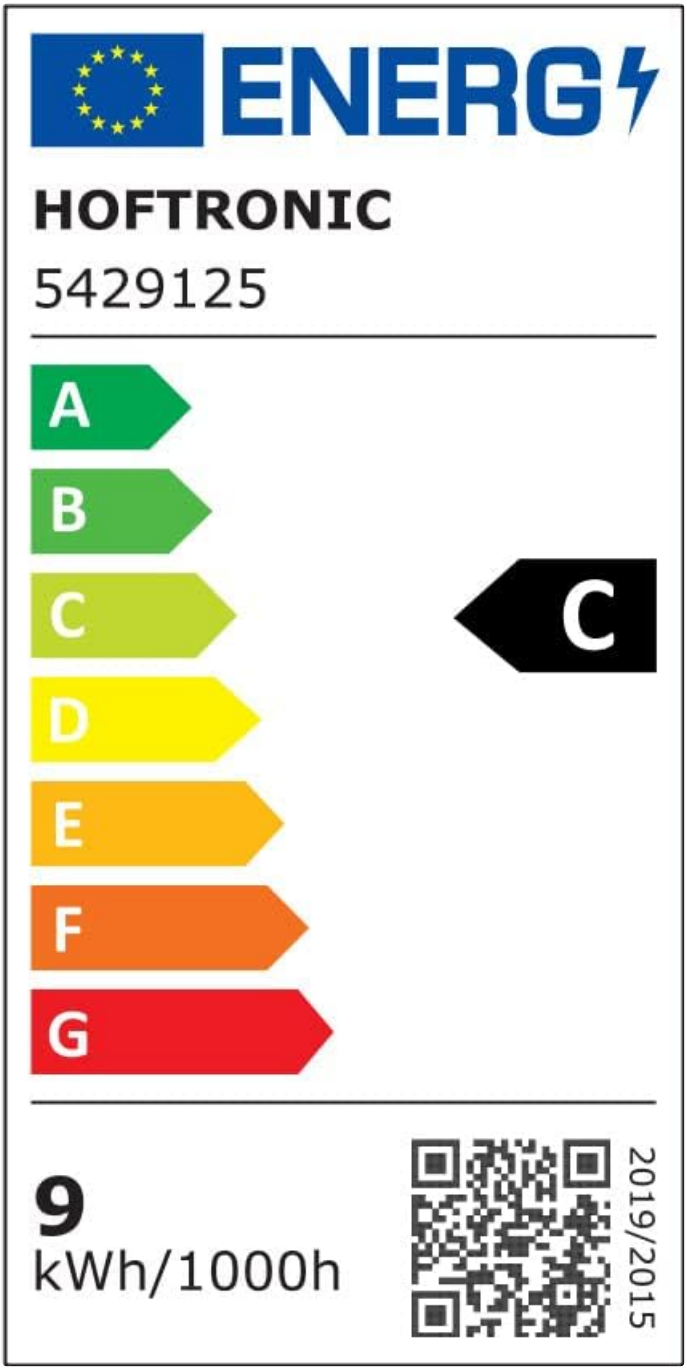
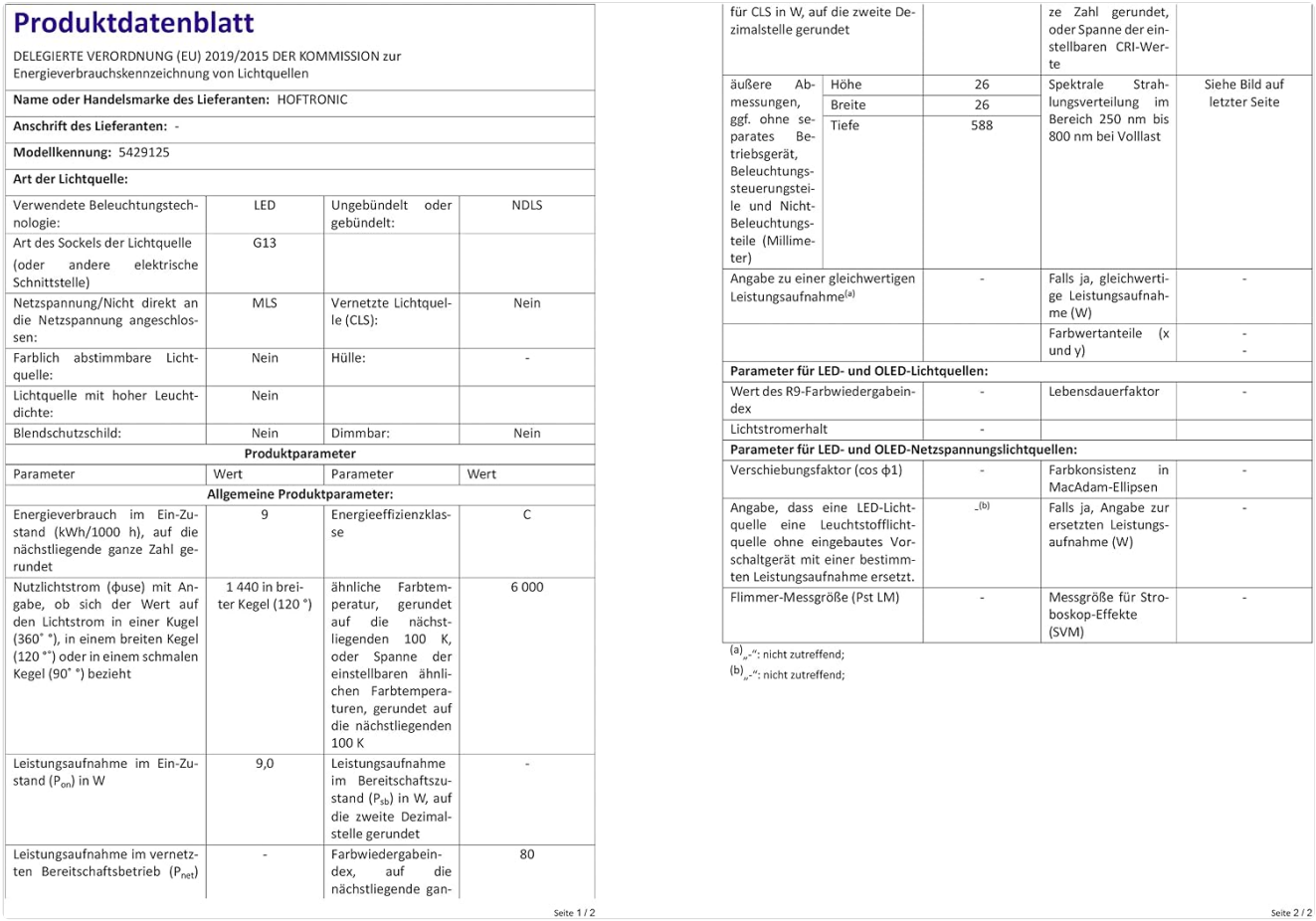


Image: The EU energy label for the HOFTRONIC LED TL Fixture, showing its energy efficiency class C and power consumption. This label provides important energy consumption details.

Warranty and Support

HOFTRONIC provides a **3-year warranty** on this LED TL Fixture. This warranty covers defects in materials and workmanship under normal use. In case of a defect within this period, the product will be replaced free of charge. For technical support, warranty claims, or further inquiries, please contact your retailer or HOFTRONIC customer service.



Produktdatenblatt

DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen

Name oder Handelsmarke des Lieferanten: HOFTRONIC

Anschrift des Lieferanten: -

Modellkennung: 5429125

Art der Lichtquelle:

Verwendete Beleuchtungstechnologie:	LED	Ungebündelt oder gebündelt:	NDLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	G13		
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	9	Energieeffizienzklasse	C
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	1 440 in breiter Kegel (120 °)	ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	6 000
Leistungsaufnahme im Ein-Zustand (P_{on}) in W	9,0	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	26	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Volllast	Siehe Bild auf letzter Seite
Breite	26		
Tiefe	588		
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 ϕ1)	-	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;

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Image: A graphic indicating warranty and build quality. The product description confirms a 3-year warranty.

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