

HOFTRONIC 549524

HOFTRONIC LED Batten Light 150cm, 48W, 5280 Lumen, IP65, 3000K Warm White - Instruction Manual

Model: 549524 | Brand: HOFTRONIC

1. INTRODUCTION

Thank you for choosing the HOFTRONIC LED Batten Light. This fixture is designed for high efficiency and durability, providing 5280 lumens of 3000K warm white light. Its IP65 rating ensures resistance to dust and water splashes, making it suitable for a wide range of indoor and outdoor applications, including workshops, warehouses, basements, bathrooms, offices, and garages. The flicker-free technology ensures comfortable illumination, and the fixture is connectable, allowing multiple units to be linked together for larger areas.



Figure 1: HOFTRONIC LED Batten Light, 150cm, 48W, 3000K Warm White.

2. SAFETY INFORMATION

- **Electrical Safety:** Always disconnect power at the main circuit breaker before attempting any installation, maintenance, or repair.
- **Qualified Personnel:** Installation should only be performed by qualified adults with knowledge of electrical systems.
- **Voltage:** Ensure the supply voltage matches the product's specified voltage (220-240V AC).
- **Environment:** Do not install in environments exceeding the specified operating temperature range (-20°C to +40°C).
- **Damage:** Do not operate the fixture if it is damaged. Contact customer support for assistance.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1x HOFTRONIC LED Batten Light Fixture (housing with G13 fitting)
- 2x LED Fluorescent Tubes (T8, 150cm)
- 1x LED Starter (for retrofitting)
- Mounting accessories (screws, wall anchors, stainless steel mounting brackets)

LED STARTER INCLUDED



Easily retrofit your traditional tube light fixture with the included LED starter.



Figure 2: The included LED starter, designed for easy retrofitting of traditional tube light fixtures.

4. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Prepare for Installation:** Ensure the power supply is completely disconnected at the main circuit breaker.
2. **Open the Fixture Housing:** To access the internal wiring and mounting points, locate the two plastic nipples on the top ends of the metal cover of the lamp housing. Rotate these nipples to unlock and remove the metal cover.
3. **Mount the Fixture:** Using the provided screws and wall anchors, securely attach the stainless steel mounting brackets to your desired installation surface. Then, clip the batten light fixture into the brackets.
4. **Wire the Fixture:** Connect the main power supply cables (Live, Neutral, Earth) to the terminal block inside the fixture. Ensure all connections are secure and correctly polarized.
5. **Install LED Tubes:** Insert the two LED fluorescent tubes into the G13 fittings inside the fixture. Ensure they are firmly seated.
6. **Install LED Starter:** If retrofitting a traditional fixture, replace the existing starter with the included LED

starter.

7. **Close the Fixture Housing:** Carefully re-attach the metal cover and rotate the plastic nipples back to their locked position to seal the housing.
8. **Restore Power:** Once installation is complete and all connections are secure, restore power at the main circuit breaker.

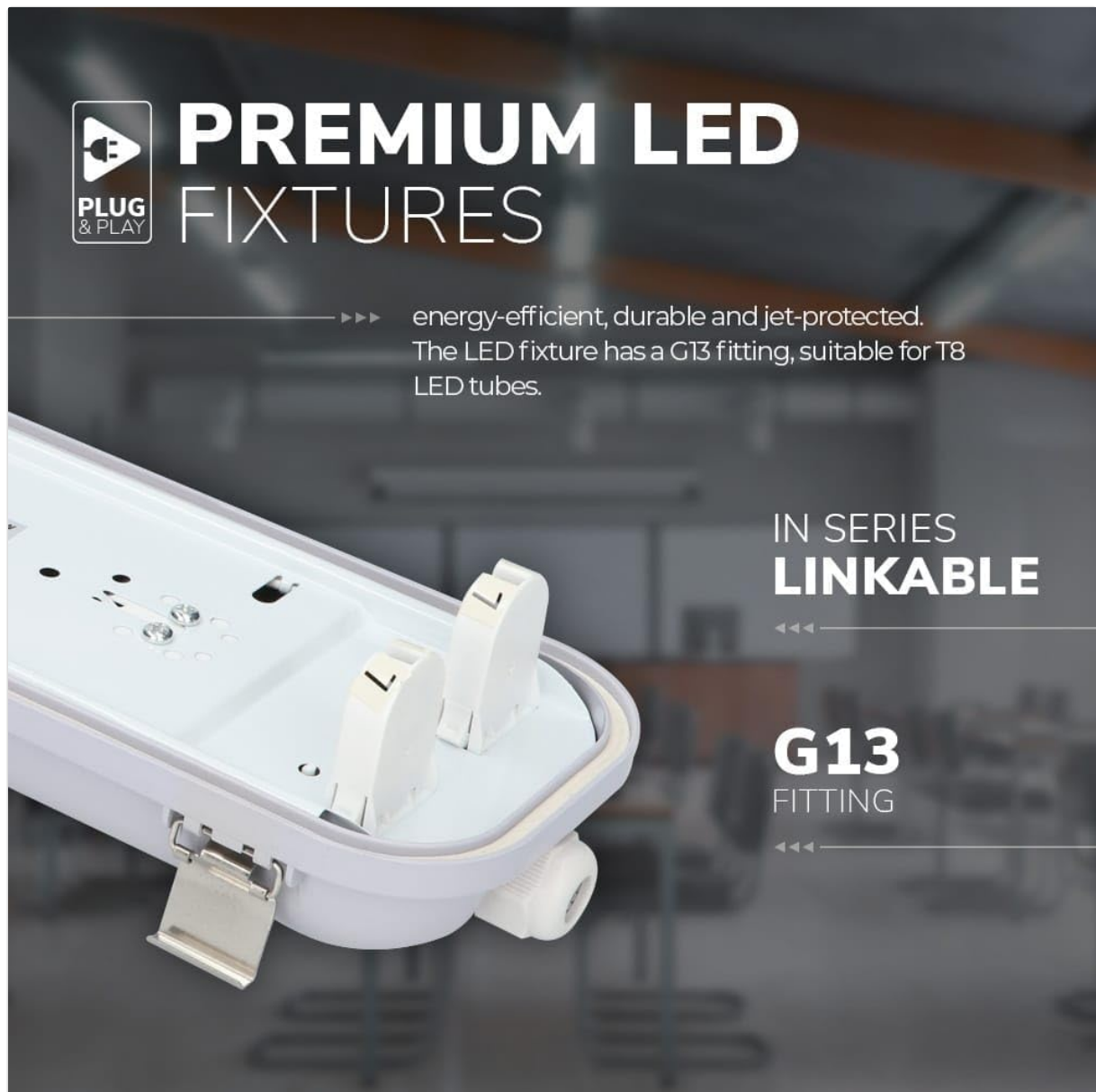


Figure 3: Internal view of the fixture showing the G13 fittings for the LED tubes.

COMPATIBLE WITH:



230V
Main



Magnetic
Ballast (VSA)

NOT COMPATIBLE WITH:



Electronic
Ballast (VSA)



High frequency
Ballast (VSA)

Figure 4: Compatibility information. The fixture is compatible with 230V mains and magnetic ballasts (VSA). It is NOT compatible with electronic or high-frequency ballasts (VSA).

5. OPERATING INSTRUCTIONS

Once installed and powered, the HOFTRONIC LED Batten Light operates by a standard wall switch connected to its power supply. There are no additional controls on the fixture itself.

- **Turning On/Off:** Use the wall switch to turn the light fixture on or off.
- **Linkable Feature:** Multiple HOFTRONIC LED Batten Lights can be connected in series to operate simultaneously from a single power source. Refer to the wiring diagram (if provided separately) for detailed instructions on linking multiple units.

6. MAINTENANCE

The HOFTRONIC LED Batten Light requires minimal maintenance.

- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth to wipe the exterior of the fixture. Do not use abrasive cleaners or solvents.
- **LED Tube Replacement:** The LED tubes are replaceable. If a tube fails, disconnect power, open the housing as described in Section 4, remove the old tube, and insert a new compatible T8 LED tube.

Ensure the replacement tube is suitable for the fixture's specifications.

7. TROUBLESHOOTING

If you encounter issues with your LED Batten Light, refer to the following common troubleshooting steps:

- **Light Does Not Turn On:**
 - Check the power supply at the circuit breaker.
 - Verify all electrical connections are secure and correct.
 - Ensure the LED tubes are properly seated in their fittings.
 - Check if the LED starter is correctly installed.
- **Light Flickers:**
 - Ensure the fixture is not connected to an incompatible ballast (see Figure 4).
 - Check for loose connections.
- **Reduced Brightness:**
 - Ensure the fixture and tubes are clean.
 - Verify the correct type of LED tubes are installed.

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

8. SPECIFICATIONS

Feature	Specification
Brand	HOFTRONIC
Model Number	549524
Input Voltage	220-240 V AC
Power Consumption	48 W (2x 24W LED tubes)
Luminous Flux	5280 lm
Luminous Efficacy	110 lm/W
Color Temperature	3000 K (Warm White)
Color Rendering Index (CRI)	> 80 Ra
Beam Angle	> 80 Ra (Note: This value seems incorrect as a beam angle, likely a data entry error. Typically beam angle is in degrees.)
Power Factor	> 0.90
Protection Rating	IP65 (Dust-tight, protected against water jets)

Feature	Specification
Dimmable	No
Material	ABS Plastic / Polycarbonate (PC), Aluminum
Dimensions (L x W x H)	1572 x 102 x 73 mm
Operating Temperature	-20 °C to +40 °C
Average Lifespan	30,000 hours
Weight	5 Kilograms
Certifications	CE, RoHS
Energy Efficiency Class	F (View EPREL Data)

Produktdatenblatt DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen				für CLS in W, auf die zweite De- zimalstelle gerundet			ze Zahl gerundet, oder Spanne der ein- stellbaren CRI-Wer- te	
Name oder Handelsmarke des Lieferanten: HOFTRONIC				äußere Ab- messungen, ggf. ohne se- parates Be- triebsgerät, Beleuchtungs- steuerungstei- le und Nicht- Beleuchtungs- teile (Millime- ter)	Höhe	73	Spektrale Strah- lungsverteilung im Bereich 250 nm bis 800 nm bei Volllast	Siehe Bild auf letzter Seite
Anschrift des Lieferanten: HOF Trading Support, Fahrenheitstraat 11, 6003 DC Weert Limburg, NL					Breite	102		
Modellkennung: 549524				Tiefe	1 572			
Art der Lichtquelle:				Angabe zu einer gleichwertigen Leistungsaufnahme ^(a)		-	Falls ja, gleichwertige Leistungsaufnahme (W)	-
Verwendete Beleuchtungstechnologie:	LED	Ungebündelt oder gebündelt:	NDLS				Farbwertanteile (x und y)	-
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	Integrated LEDs							
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	NMLS	Vernetzte Lichtquelle (CLS):	Nein					
Farblich abstimmbare Lichtquelle:	Nein	Hülle:	-					
Lichtquelle mit hoher Leuchtdichte:	Nein							
Blendschutzschild:	Nein	Dimmbar:	Nein					
Produktparameter				Parameter für LED- und OLED-Lichtquellen:				
Parameter	Wert	Parameter	Wert	Wert des R9-Farbwiedergabeindex		-	Lebensdauerfaktor	0,90
Allgemeine Produktparameter:				Lichtstromerhalt		0,96		
Energieverbrauch im Ein-Zustand (kWh/1000 h), auf die nächstliegende ganze Zahl gerundet	48	Energieeffizienzklasse	F	(a) „-“: nicht zutreffend; (b) „-“: nicht zutreffend;				
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	5 280 in Kugel (360° °)	ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	3 000					
Leistungsaufnahme im Ein-Zustand (P _{on}) in W	48,0	Leistungsaufnahme im Bereitschaftszustand (P _{sb}) in W, auf die zweite Dezimalstelle gerundet	0,00					
Leistungsaufnahme im vernetzten Bereitschaftsbetrieb (P _{net})	-	Farbwiedergabeindex, auf die nächstliegende ganze Zahl gerundet	80					

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Figure 5: Energy label for HOFTRONIC LED Batten Light, Model 549524, showing energy efficiency class F.



WATER & DUST RESISTANT

the fixture's IP65 rated enclosure and stainless steel clamps make it perfectly suitable for in and outdoor environments.



**IP65
RATING**

Figure 6: The fixture's IP65 rating ensures it is water and dust resistant, suitable for various environments.

9. WARRANTY AND SUPPORT

The HOFTRONIC LED Batten Light comes with a 3-year warranty as stated in the product description. Some marketing materials may indicate an extended warranty of up to 10 years, please refer to your purchase documentation for specific warranty terms applicable to your product.



EXTENDED WARRANTY SUPERIOR BUILD QUALITY

the high-impact polycarbonate enclosure and the stainless steel clamps & mounting brackets give the fixture a long lifespan.



HIGH IMPACT
POLYCARBONATE

Figure 7: HOFTRONIC emphasizes superior build quality and offers an extended warranty, contributing to a long product lifespan.

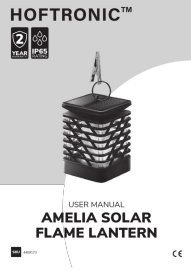
For technical support, warranty claims, or further assistance, please contact HOFTRONIC customer service through your retailer or the official HOFTRONIC website.

Related Documents - 549524



[Hoftronic Miles XL LED Wall Light Installation Manual](#)

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>HOFTRONIC Venezia LED Dimmable Downlight User Manual</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>Hoftronic S-Series Luminaires User Manual</p> <p>User manual for the Hoftronic S-Series Luminaires, providing installation, safety, and usage guidelines. Includes product specifications and compliance information.</p>
	<p>HOFTRONIC Amelia Solar Flame Lantern User Manual Outdoor Lighting Guide</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>
	<p>HOFTRONIC Kansas LED Wall Light Installation Manual</p> <p>Installation guide for the HOFTRONIC Kansas LED Wall Light, detailing safety instructions, mounting procedures, functional characteristics, maintenance, and environmental considerations. Includes essential information for qualified electricians and end-users.</p>
	<p>HOFTRONIC Odessa Solar Garden Spotlight User Manual</p> <p>User manual for the HOFTRONIC Odessa Solar Garden Spotlight (SKU 4409074), providing detailed specifications, installation instructions, usage guidelines, safety precautions, and maintenance tips for optimal performance.</p>