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HOFTRONIC 361362

HOFTRONIC LED Moisture-Proof Luminaire User Manual

Model: 361362 | Brand: HOFTRONIC

1. Product Overview

The HOFTRONIC LED Moisture-Proof Luminaire is a versatile and efficient lighting solution designed for various environments. This IP65 rated batten light is linkable and ideal for damp areas such as garages, workshops, warehouses, and outdoor spaces. It features a flicker-free design for comfortable illumination and is built with high-quality materials for durability.

The luminaire operates at 18W, providing 1980 lumens of warm white light at 3000K, making it an energy-efficient replacement for traditional 36W fluorescent tubes. Its average lifespan exceeds 30,000 hours, ensuring long-term performance.



Image: HOFTRONIC LED Moisture-Proof Luminaire, showcasing its robust design and clear casing.

2. Safety Information

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Always disconnect power before installing, cleaning, or servicing the luminaire.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Do not modify the luminaire or its components.
- Ensure the power supply voltage matches the luminaire's specifications (200-240V AC).
- Do not expose the luminaire to temperatures outside its operating range (-25°C to +45°C).
- This product is IP65 rated for dust and water jet protection; however, do not submerge it in water.
- Keep packaging materials out of reach of children.

3. What's Included

The package for your HOFTRONIC LED Moisture-Proof Luminaire includes all necessary components for installation:

- LED Tube
- Luminaire Housing
- Driver
- Screws
- Wall Plugs
- Stainless Steel Mounting Brackets



Image: An LED starter, indicating its inclusion for easy retrofitting of traditional tube light fixtures.

4. Setup and Installation

The HOFTRONIC LED Moisture-Proof Luminaire is designed for quick and easy installation. Follow these steps for proper setup:

1. **Preparation:** Ensure the power supply is disconnected at the main circuit breaker before beginning installation.
2. **Mounting:** Use the provided screws, wall plugs, and stainless steel mounting brackets to securely attach the luminaire housing to the desired surface (ceiling or wall). Ensure the surface is stable and can support the weight of the fixture.
3. **Wiring:** Connect the luminaire to the 200-240V AC power supply. The fixture is compatible with 230V main power and magnetic ballasts (VSA). It is NOT compatible with electronic ballasts (VSA) or high-frequency ballasts (VSA). Refer to the wiring diagram for correct connections (Live, Neutral, Earth).
4. **Insert LED Tube:** Carefully insert the LED tube into the G13 fitting within the luminaire housing. Ensure it is seated correctly.
5. **Close Housing:** Securely close the luminaire housing, ensuring all clips are fastened to maintain the IP65 rating.
6. **Power On:** Restore power at the main circuit breaker. The luminaire should now illuminate.



Image: Diagram illustrating how to connect multiple LED tubes using Hoftronic Xtrem cables for a linked setup.

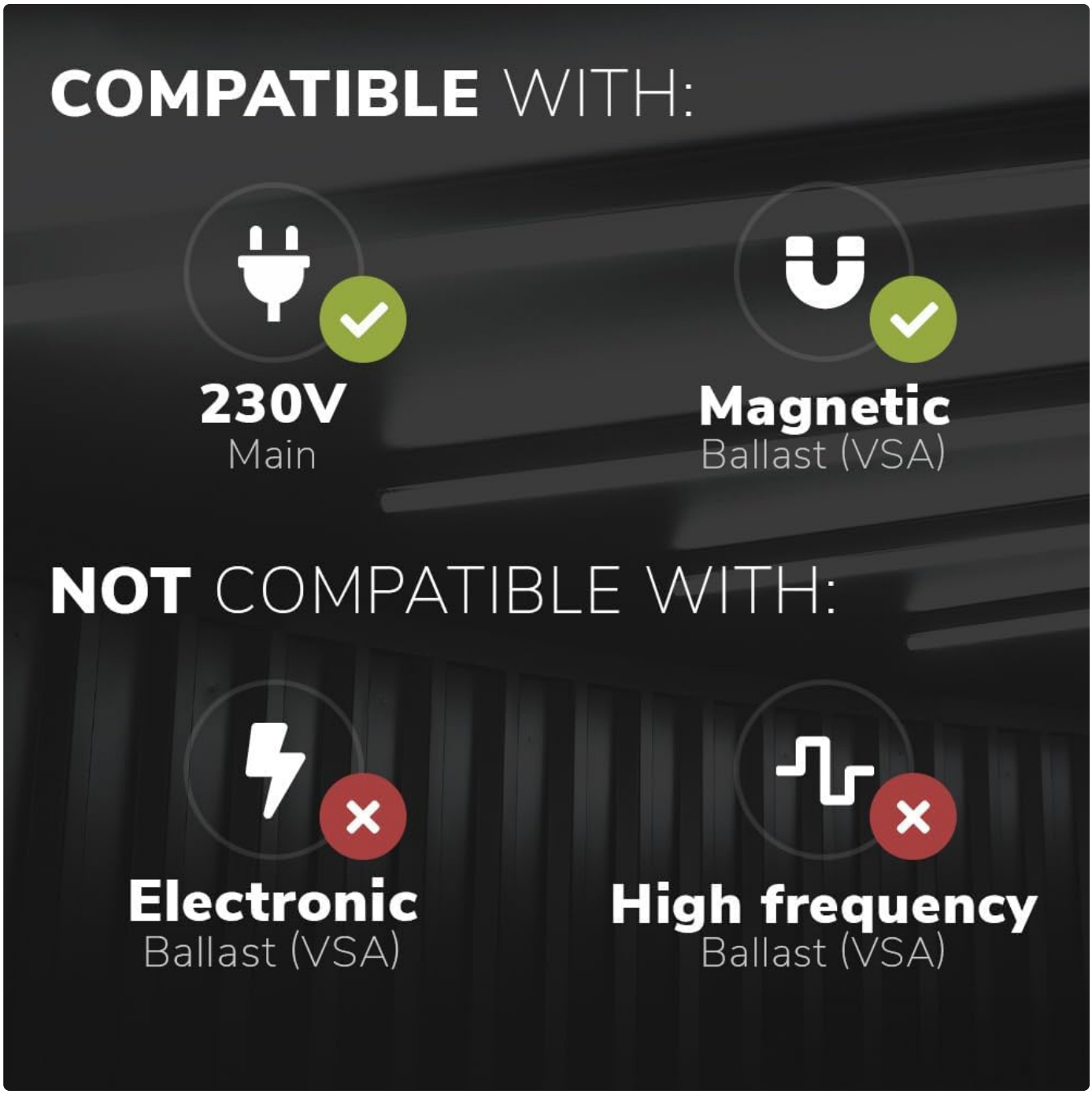


Image: A chart showing compatibility with 230V Main and Magnetic Ballast (VSA), and incompatibility with Electronic Ballast (VSA) and High Frequency Ballast (VSA).

5. Operation

Operating the HOFTRONIC LED Moisture-Proof Luminaire is straightforward:

- **Turning On/Off:** Use a standard wall switch connected to the luminaire's power supply to turn the light on or off.
- **Flicker-Free:** This luminaire features flicker-free technology, providing stable light output to prevent eye strain and fatigue.
- **Linkable Functionality:** If you have multiple linkable luminaires, connect them using appropriate Hoftronic Xtrem cables (SKU: 250596) to create a continuous lighting system. Ensure the total wattage of linked luminaires does not exceed the circuit's capacity.



Image: Close-up of an LED tube with text highlighting its flicker-free LED driver and high lumen/watt efficiency.

6. Maintenance

The HOFTRONIC LED Moisture-Proof Luminaire requires minimal maintenance due to its durable construction and long-lasting LED technology.

- **Cleaning:** Periodically clean the exterior of the luminaire with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the surface. Ensure power is disconnected before cleaning.
- **Inspection:** Regularly inspect the luminaire for any signs of damage, such as cracks in the housing or loose connections. If any damage is found, disconnect power immediately and contact customer support.
- **LED Tube Replacement:** The LED tube is designed for a long lifespan. If replacement is necessary, ensure you use a compatible T8 LED tube. Disconnect power before attempting replacement.

7. Troubleshooting

If you encounter issues with your HOFTRONIC LED Moisture-Proof Luminaire, refer to the following troubleshooting guide:

- **Light Does Not Turn On:**
  - Check if the power supply is connected and the switch is in the 'ON' position.
  - Verify that the circuit breaker has not tripped.
  - Ensure the LED tube is correctly seated in the fitting.
  - Confirm that the luminaire is compatible with your ballast type (if applicable).
- **Light Flickers:**
  - While this product is designed to be flicker-free, ensure stable power supply.
  - Check for loose wiring connections.
- **Reduced Brightness:**
  - Ensure the luminaire and LED tube are clean and free from dust or debris.
  - Verify the input voltage is within the specified range.

If the problem persists after following these steps, please contact HOFTRONIC customer support for further assistance.

8. Technical Specifications

Feature	Specification
Brand	HOFTRONIC
Model Number	361362
Product Dimensions	127.2 x 6.6 x 6.6 cm
Item Weight	5 Kilograms
Input Voltage	200-240V AC
Power Consumption	18 Watt
Equivalent to Incandescent Lamp	36 Watt
Luminous Flux	1980 lm
Light Color	Warm White
Color Temperature	3000 Kelvin

Feature	Specification
Color Rendering Index (CRI)	>80
Beam Angle	120°
Power Factor	>0.9
Protection Class	IP65
Dimmable	No
Material	Acrylonitrile Butadiene Styrene (ABS), Polycarbonate (PC)
Operating Temperature	-25°C ~ 45°C
Switching Cycles	100,000 Cycles
Average Lifespan	30,000 Hours
Lamp Type	LED
Bulb Size	T8
Certification	CE
Application Area	For outdoor and indoor use

Energy Efficiency Information

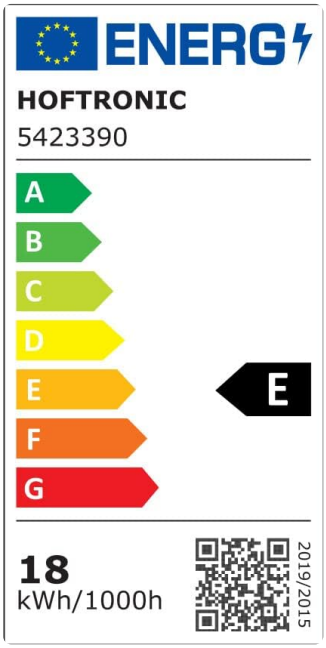


Image: Energy efficiency label for the luminaire, showing an 'E' rating and 18 kWh/1000h consumption. View EPREL Product Page

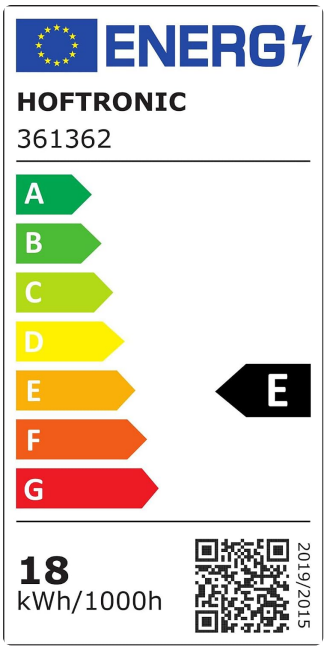


Image: Another energy efficiency label for model 361362, also showing an 'E' rating. View EPREL Product Page

9. Warranty and Support

HOFTRONIC products are manufactured and tested with the utmost care to ensure safety and quality. We use only high-quality materials, such as pure 6063 aluminum and proven plastics like ABS and polycarbonate, to ensure durability and optimal heat dissipation.

This product comes with a quality guarantee. For any issues or support needs, please contact the seller, INTO LED, through your purchase platform. They are responsible for handling customer service and warranty claims.

For more information about HOFTRONIC products, you can visit the official HOFTRONIC store:HOFTRONIC Store

10. Recycling and Disposal

Proper disposal of electrical and electronic equipment is crucial for environmental protection. This product should not be disposed of with household waste.

- **Recycling of Lamps:** Information on recycling for this and other types of lamps can be found at designated collection points for electronic waste.
- **Disposal of Broken or Damaged Lamps:** If the lamp is broken or damaged, handle it with care to avoid injury. Dispose of it at an authorized recycling facility for electronic waste. Do not attempt to repair damaged components yourself.

Please adhere to local regulations for the disposal of electronic waste.

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