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HOFTRONIC 2710002

HOFTRONIC Q-Series LED-strip 60cm User Manual

Model: 2710002

1. Product Overview

The HOFTRONIC Q-Series LED-strip 60cm is a robust and waterproof lighting fixture designed for various demanding environments. This LED strip offers high energy efficiency, replacing traditional fluorescent lamps with significant energy savings. Its durable construction and easy installation make it suitable for both indoor and outdoor applications.



Image: Close-up view of the HOFTRONIC Q-Series LED-strip, highlighting the brand name on the end cap.

Key Features:

- **High Durability:** IP65 waterproof and dustproof, IK08 vandal-resistant and shockproof.
- **Energy Efficient:** 18W power consumption, providing 2160 lumens, equivalent to a 72W traditional fluorescent lamp.
- **Cool White Light:** 6500K color temperature for bright, clear illumination.

- **Quick Installation:** Integrated light source and quick connectors for easy setup.
- **Linkable:** Ability to connect up to 20 fixtures without additional tools.
- **Wide Operating Temperature:** Functions reliably from -20°C to +40°C.

Typical Applications:



Image: Examples of environments where the LED strip can be used, including a car wash bay, a warehouse with high shelving, a cold storage facility, and a fruit storage area.

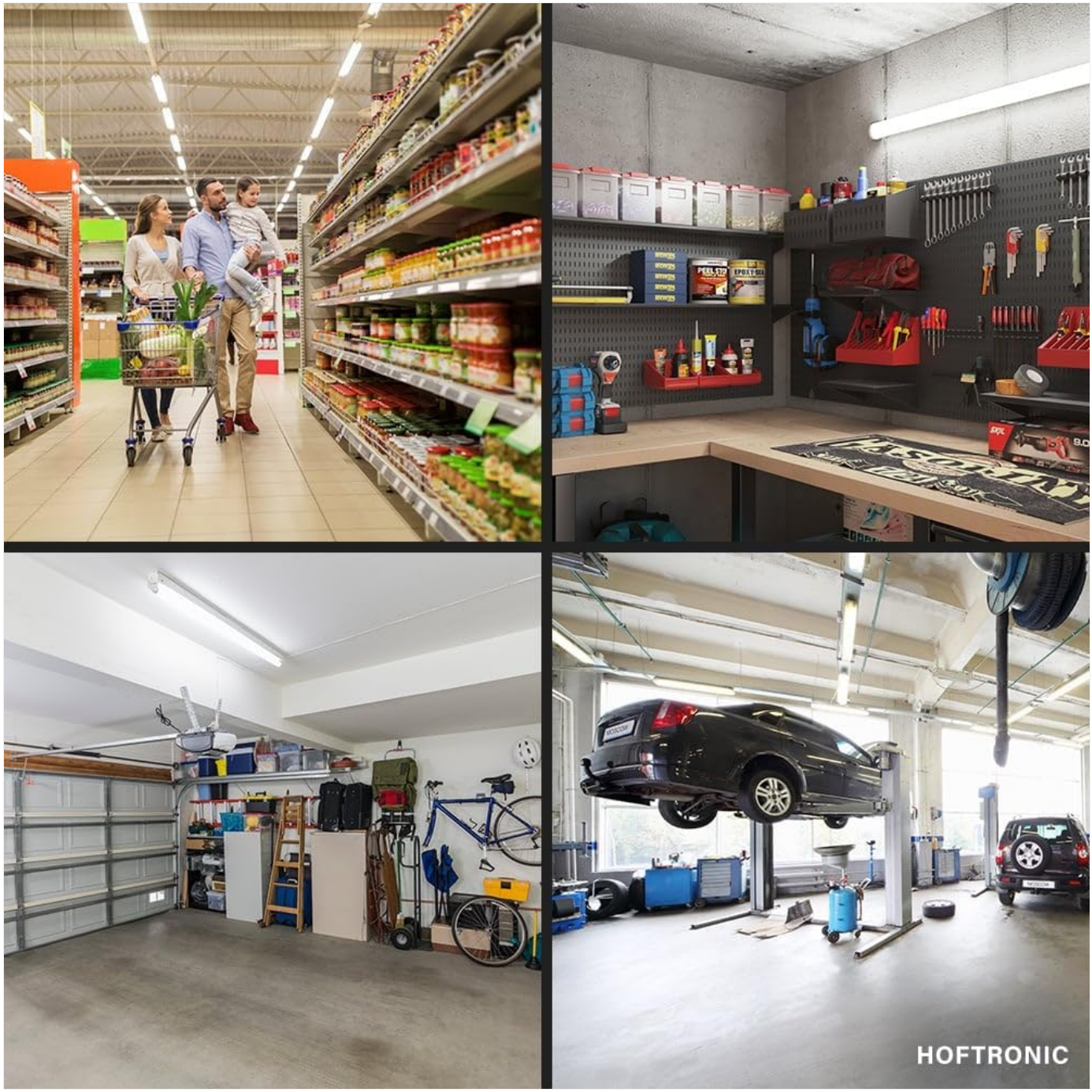


Image: Further examples of applications, such as a supermarket aisle, a home workshop, a residential garage, and an automotive service bay.

- Basements and Cellars
- Garages and Workshops
- Warehouses and Storage Facilities
- Cold Rooms and Refrigerated Areas
- Kitchens and Utility Rooms
- Public Spaces (indoor and outdoor)
- Parking Lots

2. Setup and Installation

The HOFTRONIC Q-Series LED-strip is designed for straightforward "Plug and Play" installation. The light source is integrated, eliminating the need to purchase separate LED tubes.

2.1. Mounting the Fixture

Use the provided stainless steel mounting clips to securely attach the LED strip to a ceiling or wall.

1. Mark the desired mounting points on the surface.
2. Drill holes and insert appropriate wall plugs if necessary.
3. Secure the mounting clips using screws.
4. Snap the LED strip into the mounted clips until it clicks into place.



Image: Visual guide demonstrating the installation process, including securing the mounting clips to the surface and then clicking the LED strip into the clips.

2.2. Electrical Connection

Ensure the power supply is disconnected before making any electrical connections. The fixture operates on 230 Volts.



Image: Detailed view of the quick connect feature, illustrating how the end cap twists to reveal the electrical connector for fast installation.

2.3. Linking Multiple Fixtures (Optional)

The Q-Series LED strips can be easily linked together using the integrated quick connectors, allowing for a continuous lighting solution. Up to 20 fixtures can be connected in series.

1. Ensure both fixtures are disconnected from the power supply.
2. Remove the end caps from the linking ends of the fixtures.
3. Connect the fixtures directly using the quick connectors.
4. For longer runs, use a PG11 cable gland for intermediate connections, accommodating cables with a diameter between 5mm and 9mm.



Image: Illustration demonstrating the linkable feature, showing two LED strips connected in series and specifying the PG11 cable gland for connecting cables between fixtures, with minimum and maximum cable diameters.

3. Operating Instructions

Once installed and connected to a 230 Volt power supply, the HOFTRONIC Q-Series LED-strip will provide immediate illumination.

- The LED strip emits a cool white light at 6500 Kelvin, ideal for task lighting and general illumination in various settings.
- With a luminous flux of 2160 lumens, it provides ample brightness for its intended applications.
- The design ensures diffuse light output, which is non-blinding and suitable for environments like parking lots.



Image: A side-by-side comparison showing the difference between diffuse light (left) and non-diffuse light (right) from an LED strip, highlighting the Q-Series' diffuse output.

4. Maintenance

The HOFTRONIC Q-Series LED-strip is designed for minimal maintenance due to its robust construction and high-quality materials (ABS and Polycarbonate).

- **Cleaning:** Periodically wipe the surface of the fixture with a soft, damp cloth to remove dust and dirt. Avoid abrasive cleaners or solvents.
- **Durability:** The fixture is resistant to chemical vapors and will not become porous even after prolonged exposure.
- **Inspection:** Regularly inspect the mounting clips and electrical connections to ensure they remain secure.

5. Troubleshooting

If you encounter issues with your HOFTRONIC Q-Series LED-strip, please refer to the following common troubleshooting

steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose connection; faulty fixture.	Check power switch and circuit breaker. Verify all electrical connections are secure. If problem persists, contact support.
Light is dim or flickers.	Unstable power supply; loose connection.	Ensure stable power supply. Check and tighten all connections.
Multiple linked lights not working.	Issue with the first fixture in the series; connection issue between fixtures.	Check the power to the first fixture. Inspect the quick connectors between each linked fixture.

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

6. Specifications

Detailed technical specifications for the HOFTRONIC Q-Series LED-strip 60cm:

Brand	HOFTRONIC
Model Number	2710002
Product Dimensions	60 x 5.7 x 4.7 cm
Weight	5 kg
Ingress Protection (IP) Rating	IP65 (Waterproof, Dustproof)
Impact Protection (IK) Rating	IK08 (Vandal-resistant, Shockproof)
Power Consumption	18 Watt
Luminous Flux	2160 Lumen
Color Temperature	6500 Kelvin (Cool White)
Voltage	230 Volt
Material	ABS, Polycarbonate (PC)
Lifespan	25,000 hours
Operating Temperature	-20°C to +40°C
Equivalent to Incandescent	72 Watt
Color Rendering Index (CRI)	80.00
Energy Efficiency Rating	E



Image: Technical drawing showing the dimensions of the LED strip: 600mm length, 47mm height, and 59mm width.

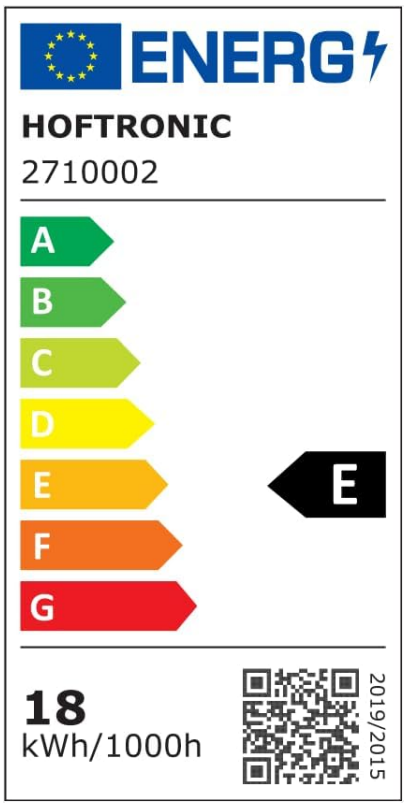


Image: The EU Energy Label for the HOFTRONIC 2710002, indicating an energy efficiency class of E and energy consumption of 18 kWh/1000h. For more details, visit the official EPREL database via the QR code or this link: EPREL Product Page.

7. Warranty and Support

7.1. Warranty Information

The HOFTRONIC Q-Series LED-strip comes with a**2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. If the LED-fluorescent lamp breaks down during the warranty period, HOFTRONIC will provide a replacement free of charge.
Please retain your proof of purchase for warranty claims.

7.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact HOFTRONIC customer support:

- **Website:** www.hoftronic.com (*Note: This is a placeholder URL as no specific support contact was provided in the input.*)
- **Email:** support@hoftronic.com (*Note: This is a placeholder email as no specific support contact was provided in the input.*)
- **Phone:** +31 (0)12 345 6789 (*Note: This is a placeholder number as no specific support contact was provided in the input.*)

When contacting support, please have your product model number (2710002) and purchase details ready.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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