

## **HOFTRONIC Milano 5440557**

# **HOFTRONIC Milano Smart LED Recessed Spotlights 12V**

Model: 5440557

## **1. INTRODUCTION**

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your HOFTRONIC Milano Smart LED Recessed Spotlights. Please read this manual thoroughly before installation and retain it for future reference.



Image 1.1: Overview of the HOFTRONIC Milano Smart LED Recessed Spotlights kit, including 10 spotlights, a 12V driver, a remote control, and a smartphone displaying the control app.

## 2. SAFETY INFORMATION

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician or in accordance with local electrical codes.
- Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.
- This product operates on 12V. Ensure it is connected to the correct 12V driver provided.
- The spotlights are IP44 rated, suitable for indoor and outdoor use, including bathrooms and porches, but not for submersion.
- Keep packaging materials away from children.

## 3. SETUP INSTRUCTIONS

### 3.1 Physical Installation

1. **Prepare the Installation Area:** Ensure the power is off. Mark the desired locations for the spotlights. The required cut-out size for each spotlight is 28 mm.
2. **Drill Holes:** Using an appropriate drill bit, create holes with a diameter of 28 mm in your ceiling or desired surface. The spotlights have a low installation depth of 34 mm, making them suitable for various ceiling types, including suspended ceilings.
3. **Connect Wiring:** Each spotlight comes with a 5-meter cable and ANP connectors. Connect these cables to the provided 12V driver. The plug-and-play system allows for tool-free connection.
4. **Insert Spotlights:** Utilize the unique pop-in system to securely install each mini spotlight into the prepared holes.
5. **Secure the Driver:** Place the 12V driver in a safe, accessible location, ensuring it is protected from moisture.



Image 3.1: Detailed view of the Plug & Play ANP connector system, illustrating the easy, tool-free connection process for the spotlights to the driver.



Image 3.2: Technical drawing providing precise dimensions of the HOFTRONIC Milano spotlight, including a 36mm diameter, 34mm installation depth, 28mm cut-out size, 200mm cable length, and a 5-meter extension cable.

### 3.2 Smart Connectivity

The HOFTRONIC Milano spotlights use both WiFi and Bluetooth for a stable connection to your smart home network. Follow these steps to connect your spotlights:

1. **Download the App:** Search for the HOFTRONIC smart home app on your smartphone's app store (iOS or Android).
2. **Create an Account:** Open the app and follow the on-screen instructions to create a new user account or log in if you already have one.
3. **Add Device:** In the app, select the option to add a new device. Ensure your smartphone's Bluetooth and WiFi are enabled. The app will use Bluetooth for initial pairing and then switch to WiFi for ongoing control.
4. **Follow In-App Prompts:** The app will guide you through connecting the spotlights to your home WiFi network. This typically involves selecting your WiFi network and entering the password.
5. **Name Your Devices:** Once connected, you can name individual spotlights or groups of spotlights for easier control.

# Control by app



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Image 3.3: A hand holding a smartphone displaying the HOFTRONIC smart home application interface, ready for device control.

## 4. OPERATING INSTRUCTIONS

### 4.1 App Control

Once your spotlights are connected to the app, you can control various functions:

- **Dimming:** Adjust the brightness of the spotlights from 0% to 100%.
- **Scheduling:** Set timers for the lights to turn on or off at specific times.
- **GEOFencing:** Configure lights to react based on your location (e.g., turn on when you arrive home).
- **Grouping:** Control multiple spotlights simultaneously by creating groups within the app.



# Dimmable LED chips

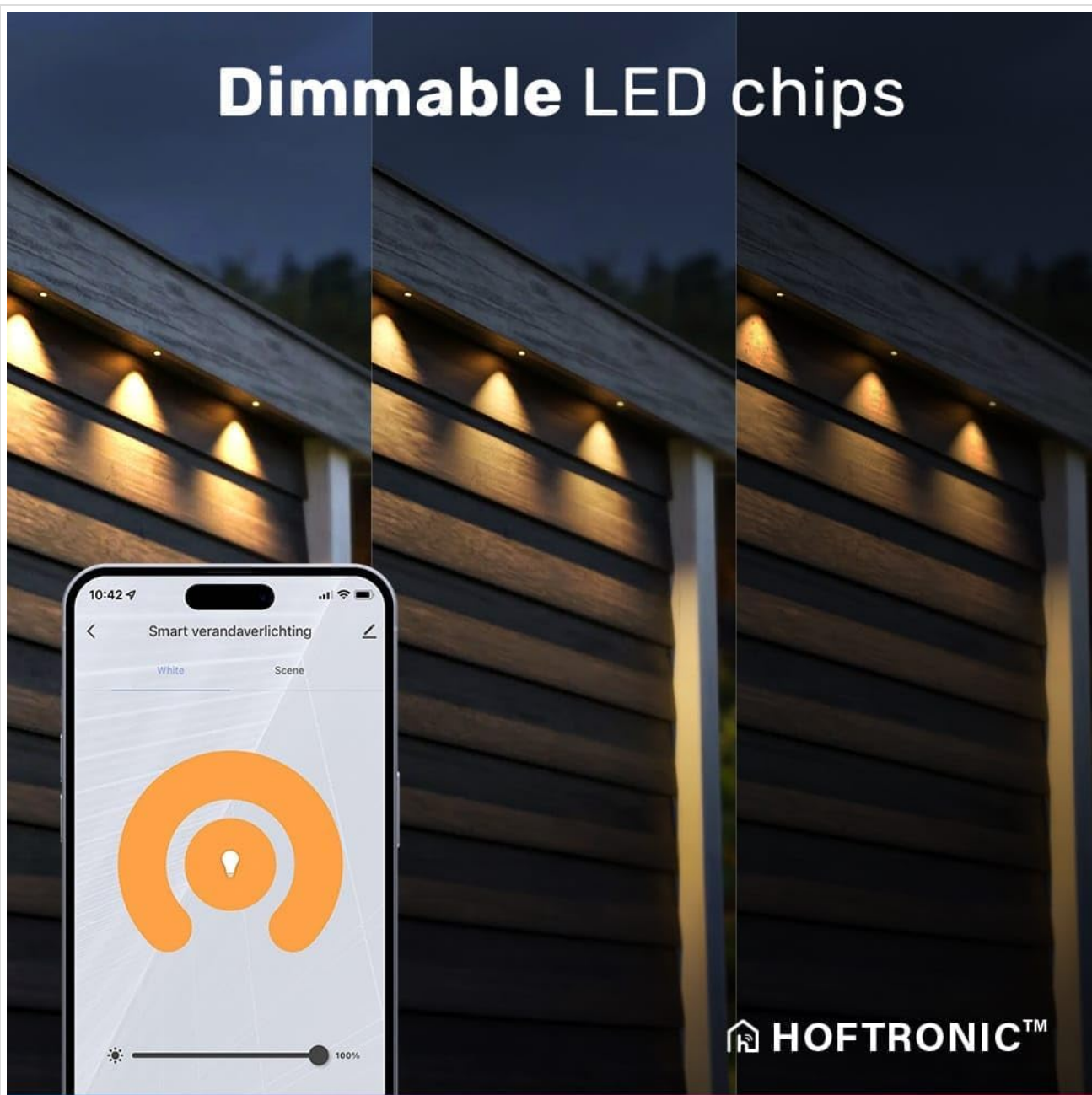


Image 4.1: A visual representation of the dimming capability of the LED spotlights, showing three different brightness levels controlled via the smartphone app.

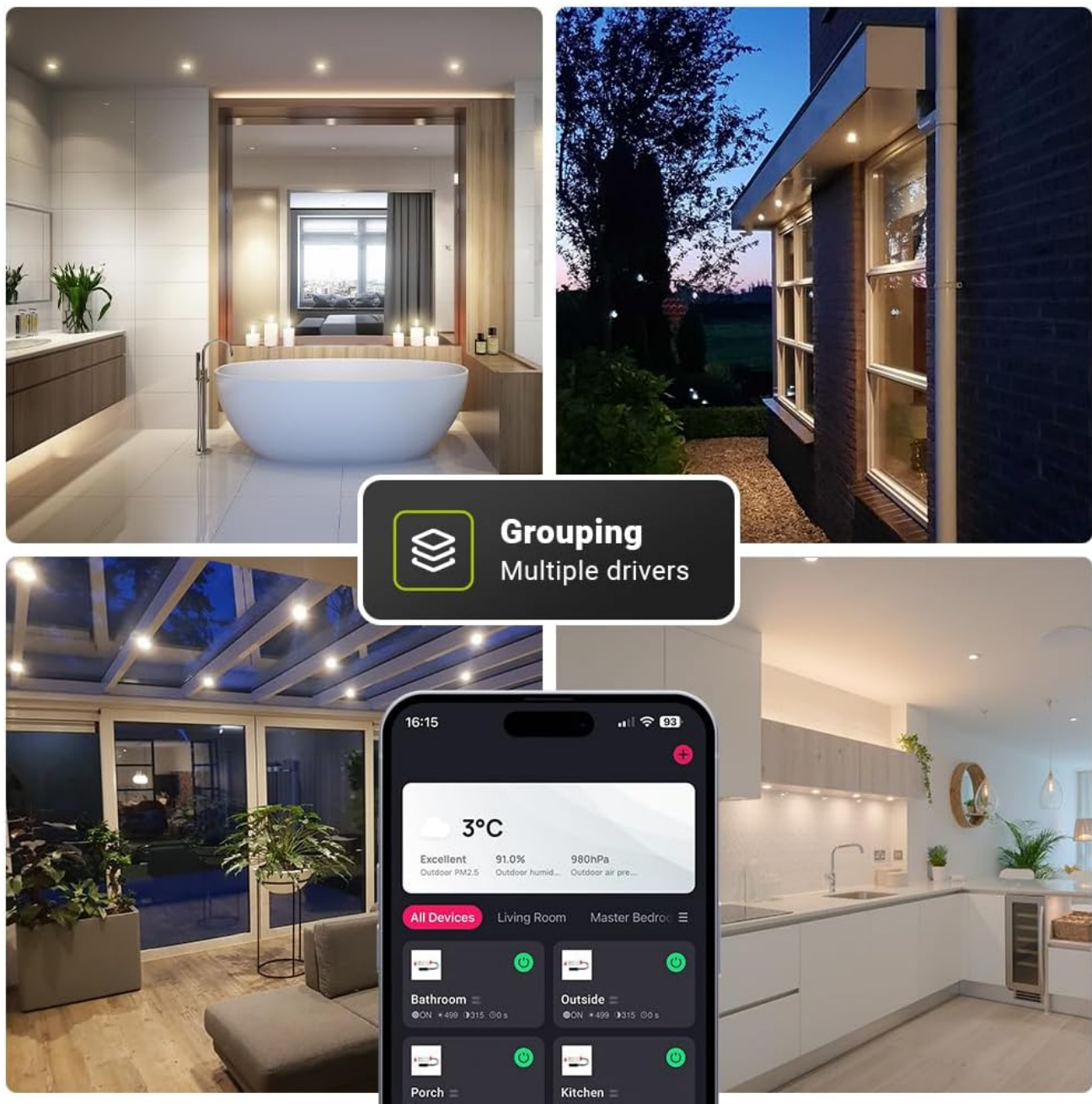


Image 4.2: A smartphone screen displaying the grouping feature of the app, allowing users to control multiple spotlight drivers across various rooms like the bathroom, porch, living room, and kitchen.

## 4.2 Voice Control

The HOFTRONIC Milano spotlights are compatible with popular smart assistants:

- **Google Home:** Link your HOFTRONIC account in the Google Home app. Then use commands like, "Hey Google, turn on the living room lights."
- **Amazon Alexa:** Enable the HOFTRONIC skill in the Alexa app. Use commands such as, "Alexa, dim the kitchen lights to 50%."
- **Siri:** Integrate with Siri Shortcuts for quick voice commands.



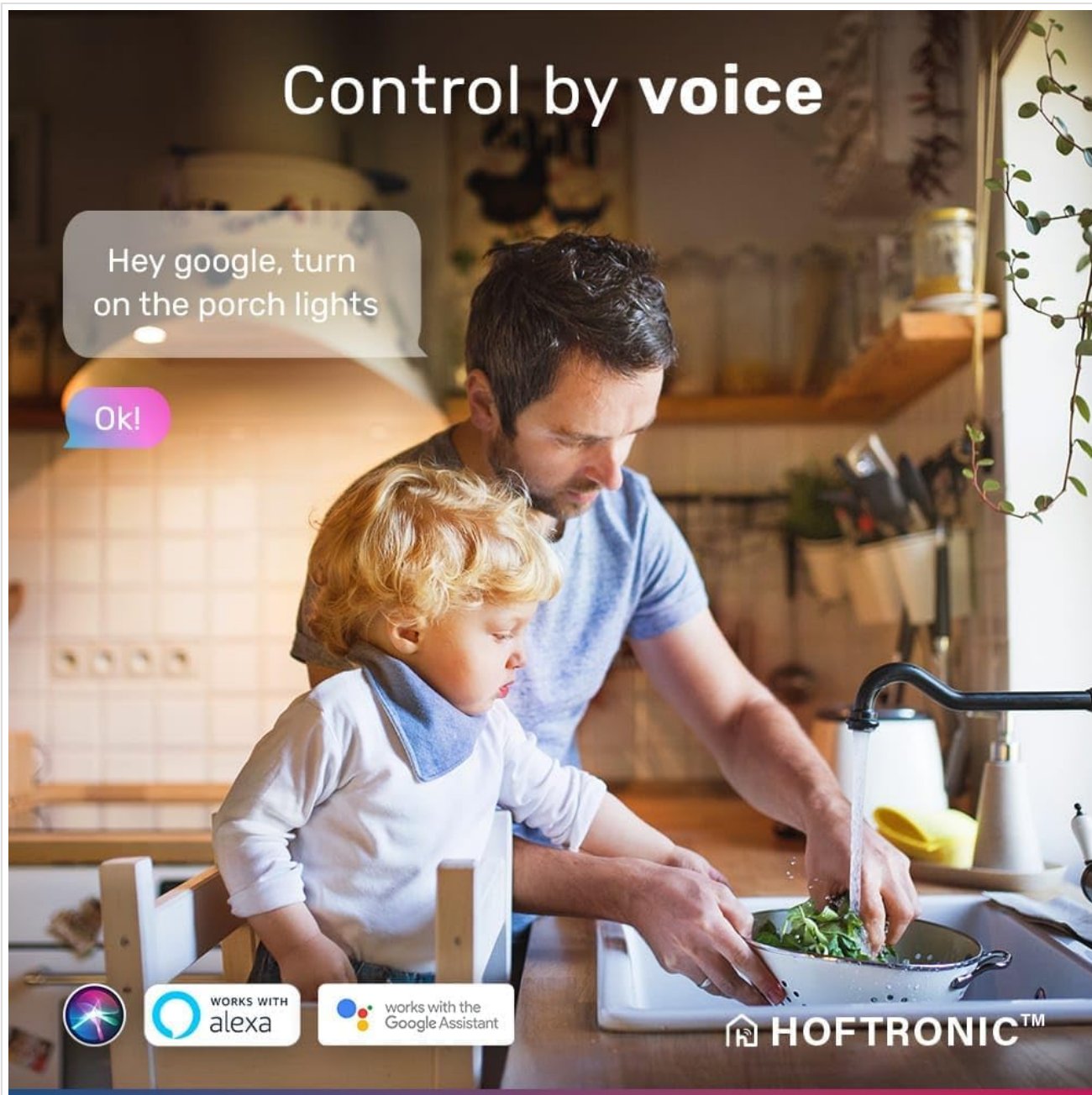


Image 4.3: A man and a child in a kitchen setting, illustrating the convenience of voice control with a speech bubble showing the command "Hey Google, turn on the porch lights" and the response "Ok!".

## 5. MAINTENANCE

The HOFTRONIC Milano spotlights are designed for durability and minimal maintenance:

- **Cleaning:** Gently wipe the spotlights with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the power is off before cleaning.
- **Durability:** Constructed from high-quality die-cast aluminum with a UV and moisture-resistant powder coating, these spotlights are designed to prevent rust and maintain their appearance over time.
- **Lifespan:** Equipped with CREE LED chips, the spotlights have an estimated lifespan of 30,000 hours, providing long-term illumination.





Image 5.1: A collage demonstrating the versatility of the spotlights for use in various conditions, including hot weather, rain, cold weather, and a garage environment, highlighting their robust design.

## 6. TROUBLESHOOTING

If you encounter issues with your HOFTRONIC Milano spotlights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Spotlights do not turn on.	No power supply, loose connection, driver malfunction.	Check power to the circuit. Ensure all ANP connectors are securely plugged into the 12V driver. Verify the driver is receiving power.
Cannot connect to the app.	Incorrect WiFi password, weak WiFi signal, Bluetooth off, app issue.	Ensure correct WiFi password. Move closer to your WiFi router. Check if Bluetooth is enabled on your phone. Restart the app and try pairing again.

Problem	Possible Cause	Solution
Voice control not working.	Incorrect smart assistant setup, device not linked.	Verify that your HOFTRONIC account is correctly linked to Google Home or Amazon Alexa. Ensure the spotlights are named appropriately for voice commands.
Dimming function is erratic.	App glitch, connectivity issue.	Restart the app. Check your WiFi connection. If the issue persists, try resetting the spotlights (refer to app instructions for reset procedure).

## 7. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	HOFTRONIC
Model Number	5440557
Product Dimensions (L x W x H)	3.6 x 3.6 x 3.4 cm
Weight	5 Kilograms (for 10-pack)
Number of Items	10
Style	Mini Recessed Spotlight
Color	Black
Voltage	12 Volts (AC/DC)
Wattage	3 Watts per spotlight
Luminous Flux	200 lm per spotlight
Color Temperature	2700K (Warm White)
Special Features	Dimmable, Waterproof (IP44)
Material	Aluminum
Connectivity	WiFi + Bluetooth
Compatible Smart Assistants	Google Home, Amazon Alexa, Siri
Lifespan	30,000 hours
Cut-out Size	28 mm
Installation Depth	34 mm



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**3**  
kWh/1000h



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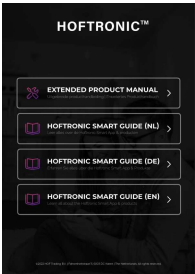
Image 7.1: EU Energy Label for HOFTRONIC model 5440557, indicating an energy efficiency class G and 3 kWh/1000h consumption. For more details, scan the QR code or visit [eprel.ec.europa.eu/qr/1559594](http://eprel.ec.europa.eu/qr/1559594).

## 8. WARRANTY AND SUPPORT

HOFTRONIC provides a **two-year warranty** on these recessed spotlights. Should any defects occur within this period, the product will be replaced free of charge. For support or warranty claims, please contact HOFTRONIC customer service. We aim to respond to all inquiries within 24 hours.

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### Related Documents - Milano 5440557

	<p><a href="#">Hoftronic Smart Plug User Instructions &amp; Safety Guide</a></p> <p>Comprehensive user instructions, safety guidelines, and technical specifications for the Hoftronic Smart Plug (SKU 5427213), compatible with Amazon Alexa, Google Assistant, and Siri.</p>
	<p><a href="#">Hoftronic Smart Bulbs WiFi + Bluetooth User Instructions</a></p> <p>User instructions for Hoftronic Smart Bulbs featuring WiFi and Bluetooth connectivity. Learn how to install, connect, and control your smart bulbs using the Hoftronic Smart App, compatible with Amazon Alexa, Google Assistant, and Siri.</p>
	<p><a href="#">Hoftronic Smart Bulbs WiFi + Bluetooth User Instructions</a></p> <p>Comprehensive user instructions for Hoftronic Smart Bulbs with WiFi and Bluetooth connectivity. Learn how to install, connect, and manage your smart lighting using the Hoftronic Smart App, compatible with Amazon Alexa and Google Assistant.</p>



USER INSTRUCTIONS  
**CUPO**  
**WALL LIGHT**

## Hoftronic Cupo Wall Light User Manual and Installation Guide

Comprehensive user instructions and installation guide for the Hoftronic Cupo Wall Light, covering setup, app integration, safety, and technical specifications. Compatible with Amazon Alexa, Google Assistant, and Siri.



## Hoftronic PAVO Dimmable Downlight Installation Guide

Installation manual for the Hoftronic PAVO dimmable downlight, including safety instructions, mounting guidelines, usage, and maintenance information.



USER INSTRUCTIONS  
**WIFI + BLUETOOTH SMART  
WALL LIGHT KANSAS**

## HOFTRONIC Smart Wall Light Kansas: User Manual & Installation Guide

Get detailed instructions for installing and using the HOFTRONIC Smart Wall Light Kansas. Learn how to connect via Wi-Fi and Bluetooth, use the Hoftronic Smart App, and ensure proper setup for this smart home-compatible lighting solution.