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HOFTRONIC 5429439

HOFTRONIC LED Smart Home Ground Spotlight User Manual

Model: 5429439
Brand: HOFTRONIC

1. Introduction

This manual provides essential information for the safe and efficient use of your HOFTRONIC LED Smart Home Ground Spotlight. Please read it thoroughly before installation and operation.

2. Safety Instructions

Always adhere to the following safety guidelines to prevent injury or damage:

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with local wiring regulations. Ensure power is disconnected before installation or maintenance.
- **Water and Dust Protection:** The product is IP67 rated, meaning it is protected against temporary immersion in water and dust ingress. Ensure all connections are properly sealed during installation to maintain this rating.
- **Impact Resistance:** The product has an IK10 rating, indicating high resistance to mechanical impact. It is designed to be driven over by vehicles.
- **Temperature:** Do not operate the spotlight outside its specified temperature range.
- **Light Source:** Do not stare directly into the light source when it is active.

3. Package Contents

Verify that all components are present in the package:

- 1x HOFTRONIC LED Smart Home Ground Spotlight
- 1x GU10 Bulb (included)
- Installation Screws
- User Manual (this document)

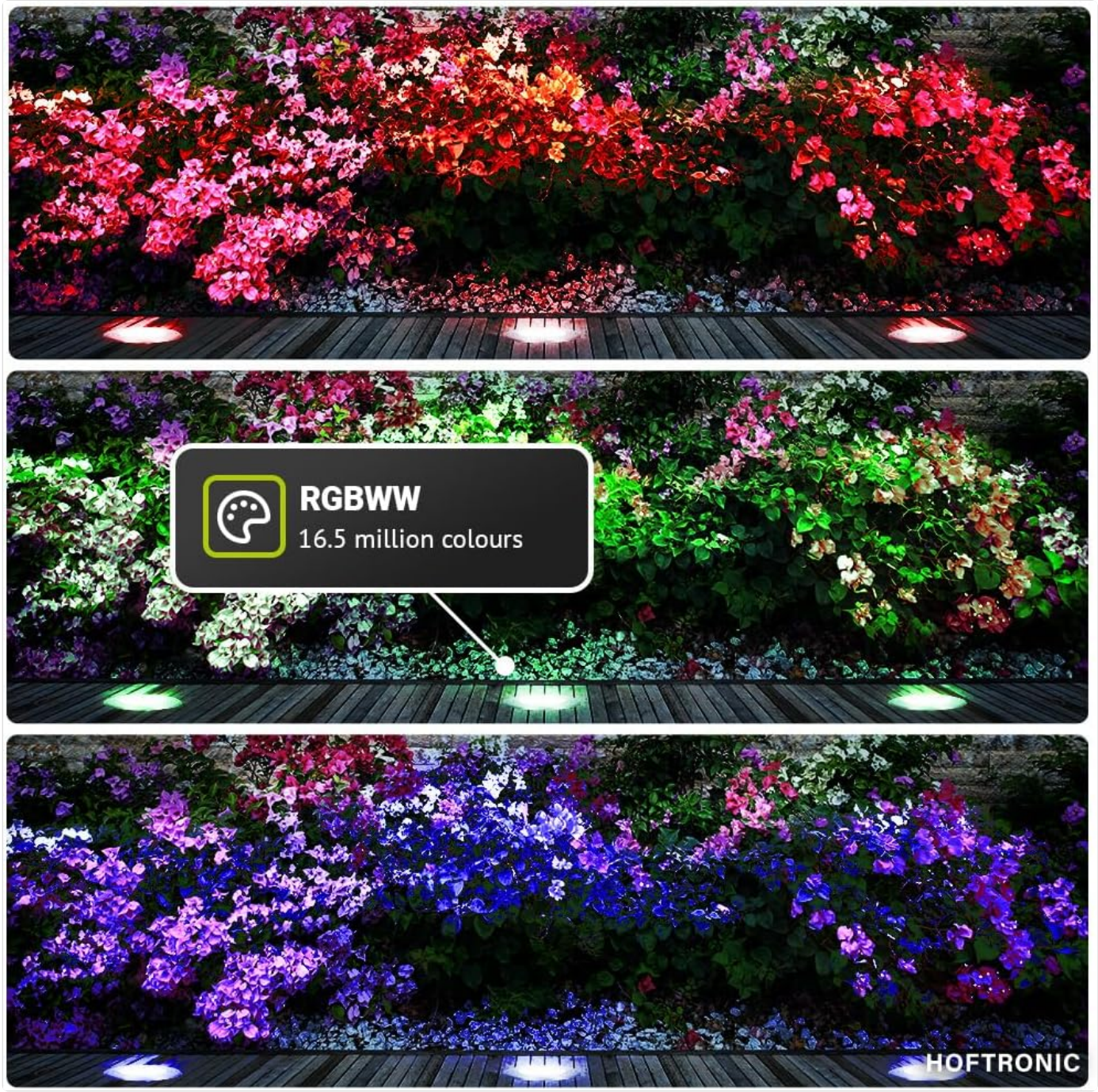


Image: Components of the HOFTRONIC LED Smart Home Ground Spotlight, showing the main unit, the removable top ring, the GU10 bulb, and small screws.

4. Setup and Installation

Follow these steps for proper installation:

1. **Preparation:** Ensure the installation area is clear and the ground is suitable for embedding. Dig a hole with adequate drainage (30-40cm deep) to prevent water accumulation around the fixture.
2. **Wiring:** Connect the spotlight directly to a 230V power supply. Use waterproof cable connectors for all outdoor connections to maintain the IP67 rating. The spotlight features an integrated connector for linking multiple units.
3. **Placement:** Insert the spotlight into the prepared hole. Ensure the top surface is flush with the ground level.
4. **Securing:** Secure the spotlight using appropriate methods for your ground type.
5. **Bulb Installation:** The GU10 bulb is exchangeable. Carefully insert the bulb into the fitting and secure the top ring with the provided screws.



Image: Installation diagram illustrating the wiring and recommended drainage depth (30-40cm) for multiple ground spotlights.



Image: Close-up of the HOFTRONIC ground spotlight highlighting its "Plug & Play" and easy installation features.

5. Operating Instructions

The HOFTRONIC Smart Home Ground Spotlight offers advanced control features:

5.1 Basic Operation

Once installed and powered, the spotlight will illuminate. For basic on/off control, use a standard light switch connected to the circuit.

5.2 Smart Home Integration (RGBWW Model)

If you have the Smart Home variant (RGBWW), you can control the spotlight via a dedicated app and voice assistants.

- **App Control:** Download the compatible Smart Home app (e.g., Homeylux, if applicable). Follow the app's instructions to pair your spotlight. This allows access to 16.5 million light colors, dimming, scheduling, and geofencing.
- **Voice Control:** The spotlight is compatible with voice assistants like Alexa and Google Assistant. Once paired with your Smart Home system, you can use voice commands for control.
- **Adjustable Light:** The light source can be rotated 360° and tilted up to 30° in all directions, allowing you to direct the light beam precisely.



Image: The HOFTRONIC Smart Home Ground Spotlight demonstrating compatibility with voice assistants (Alexa, Siri, Google Assistant) and app control via a smartphone interface.



Image: Visual representation of the HOFTRONIC ground spotlight's dimming capabilities at 100%, 50%, and 10% brightness, illuminating outdoor plants.



Image: A comparison showing the difference between non-tiltable and tiltable ground spotlights, highlighting how the HOFTRONIC model allows for directable light.

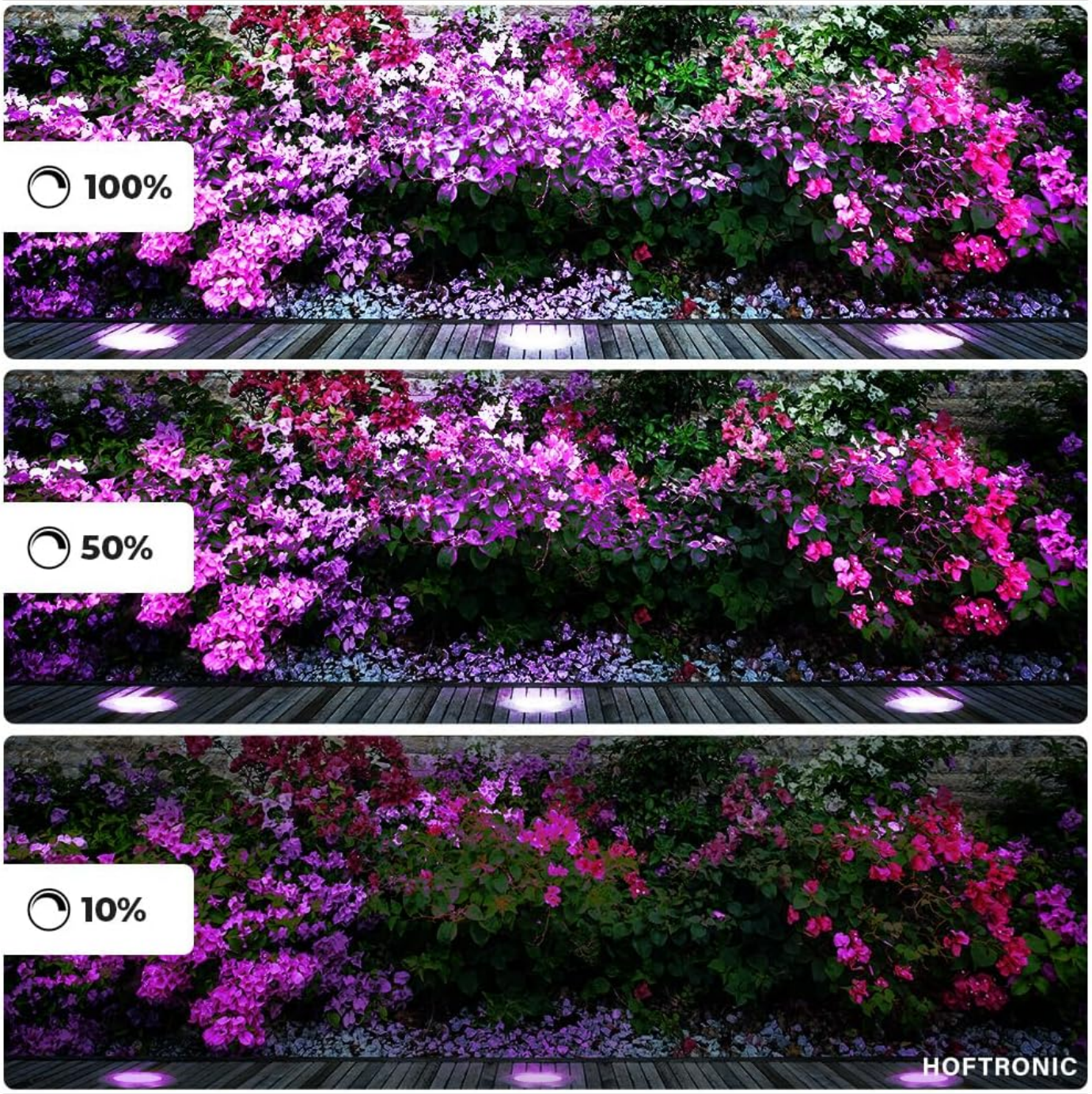


Image: The HOFTRONIC ground spotlight displaying various RGBWW color options, indicating its ability to produce 16.5 million colors for outdoor ambiance.

6. Maintenance

The HOFTRONIC ground spotlight requires minimal maintenance:

- **Cleaning:** Periodically clean the top surface of the spotlight to remove dirt, leaves, or debris that may obstruct light output. Use a soft, damp cloth. Do not use abrasive cleaners.
- **Bulb Replacement:** The GU10 bulb is replaceable. Ensure power is off before attempting to replace the bulb. Unscrew the top ring, carefully remove the old bulb, and insert a new GU10 bulb. Re-secure the top ring.
- **Inspection:** Regularly inspect the wiring and connections for any signs of wear or damage, especially after severe weather conditions.

7. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; faulty bulb; loose connection.	Check power source and circuit breaker. Replace bulb. Check all wiring connections.
Smart features not working.	Not paired with app; Wi-Fi issue; incorrect Smart Home variant.	Ensure correct Smart Home variant. Re-pair with app. Check Wi-Fi connection and signal strength.
Water inside the fixture.	Improper sealing during installation; damaged seal.	Disconnect power. Inspect and re-seal all connections. If damaged, contact support.
Light flickers.	Unstable power; loose bulb; incompatible dimmer.	Check power stability. Re-seat bulb. Ensure dimmer is compatible with LED lights.

8. Specifications

Feature	Detail
Model Number	5429439
Dimensions	13 x 13 x 16 cm
Weight	5 Grams
Material	Stainless Steel, Aluminum Casting, Safety Glass
Color	RGBWW (Smart Home variant)
Protection Rating	IP67 (Waterproof & Dustproof)
Impact Resistance	IK10 (Impact Proof, Drive-over safe)
Tilt Angle	Up to 30° in all directions
Rotation	360°
Light Source	GU10 (Exchangeable)
Power Consumption	5.5 Watts (GU10 bulb)
Lumen Output	400 Lumens (GU10 bulb)
Energy Efficiency Class	G (as per 2019/2015 regulation)
Special Applications	Outdoor and Indoor Use



Image: The HOFTRONIC ground spotlight in a rainy environment, illustrating its IP67 water and dust resistance rating.



Image: A car tire driving over the HOFTRONIC ground spotlight, demonstrating its IK10 impact resistance rating, making it suitable for driveways.

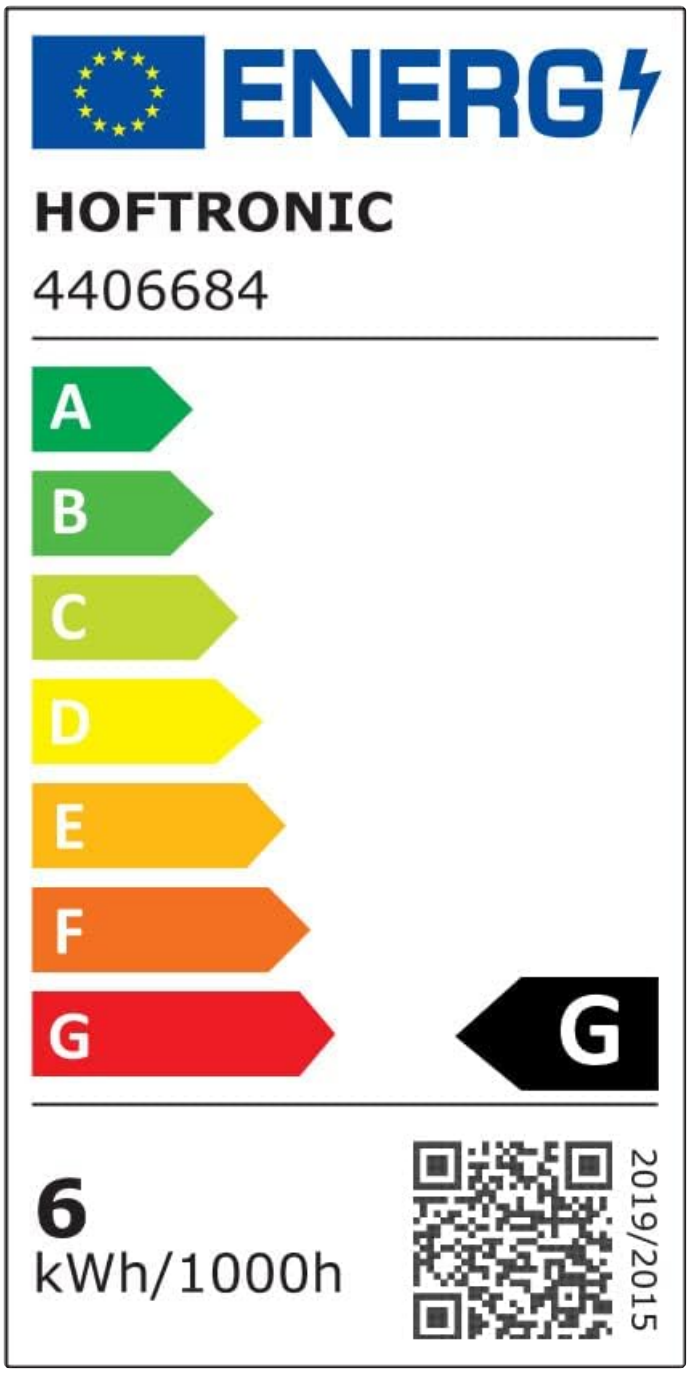


Image: EU Energy Label for HOFTRONIC LED light, model 4406684, showing an energy efficiency class of G and 6 kWh/1000h consumption.

For more details on energy efficiency, visit the EPREL database: https://eprel.ec.europa.eu/qr/730017

9. Warranty and Support

HOFTRONIC offers a 3-year warranty on this product, as stated in the product specifications. For technical support, warranty claims, or further inquiries, please contact HOFTRONIC customer service through their official channels or the retailer where the product was purchased.

You can visit the official HOFTRONIC store for more information:HOFTRONIC Store

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