HOFTRONIC 5438868 (4x3W)

HOFTRONIC Recessed Spotlights Instruction Manual

Model: 4x3W Recessed Spotlights (Reference: 5438868)

Brand: HOFTRONIC

1. Product Overview

This instruction manual provides detailed information for the safe and efficient use of your HOFTRONIC 4x3W Black Recessed Spotlights. This set of 4 black recessed spotlights is designed to provide both illumination and ambiance, suitable for various indoor and outdoor applications, including damp rooms like bathrooms and outdoor areas such as verandas. The kit includes a remote control for continuous dimming, offering convenient light intensity adjustment.



Image 1.1: HOFTRONIC 4x3W Recessed Spotlights, including the transformer and RF remote control.

2. Safety Information

- Always disconnect power before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- The spotlights are IP65 rated, meaning they are protected against dust ingress and low-pressure water jets from any direction. This makes them suitable for damp and outdoor environments.
- **Important Note:** While the spotlights are IP65 rated, the transformer and plug connections typically have a lower IP rating (e.g., IP20). Ensure the transformer and connections are installed in a dry, protected area, away from direct moisture or splashing water, even if the spotlights themselves are in a damp location.
- Do not look directly into the LED light source when it is illuminated.

- Ensure proper ventilation around the transformer to prevent overheating.

3. Package Contents

Verify that all components are present in your package:

- 4 x HOFTRONIC Black Recessed Spotlights (3W each)
- 1 x Dimmable 12V Transformer with quick connectors
- 1 x RF Remote Control
- 5-meter cables pre-attached to each spotlight

4. Product Specifications

Feature	Specification
Brand	HOFTRONIC
Model Number	5438868
Number of Spotlights	4
Wattage per Spotlight	3 Watts
Luminous Flux per Spotlight	200 lumens
Color Temperature	2700 Kelvin (Warm White)
Voltage	12 Volts (DC)
Power Source	AC (via transformer)
Material	Aluminum
Color	Black
Protection Class (Spotlights)	IP65 (Water & Dust Resistant)
Average Lifespan	25,000 Hours
Switch Style	Remote Control (RF)
Installation Type	Ceiling Mount (Recessed)
Product Dimensions (L x W x H)	3.4 x 3.6 x 3.6 cm (per spotlight)
Recessed Hole Dimensions	28 mm (diameter)
Installation Depth	35 mm
Cable Length per Spotlight	5 meters



Image 4.1: Detailed dimensions of the spotlight (36mm diameter, 28mm hole, 34mm depth) and cable length.

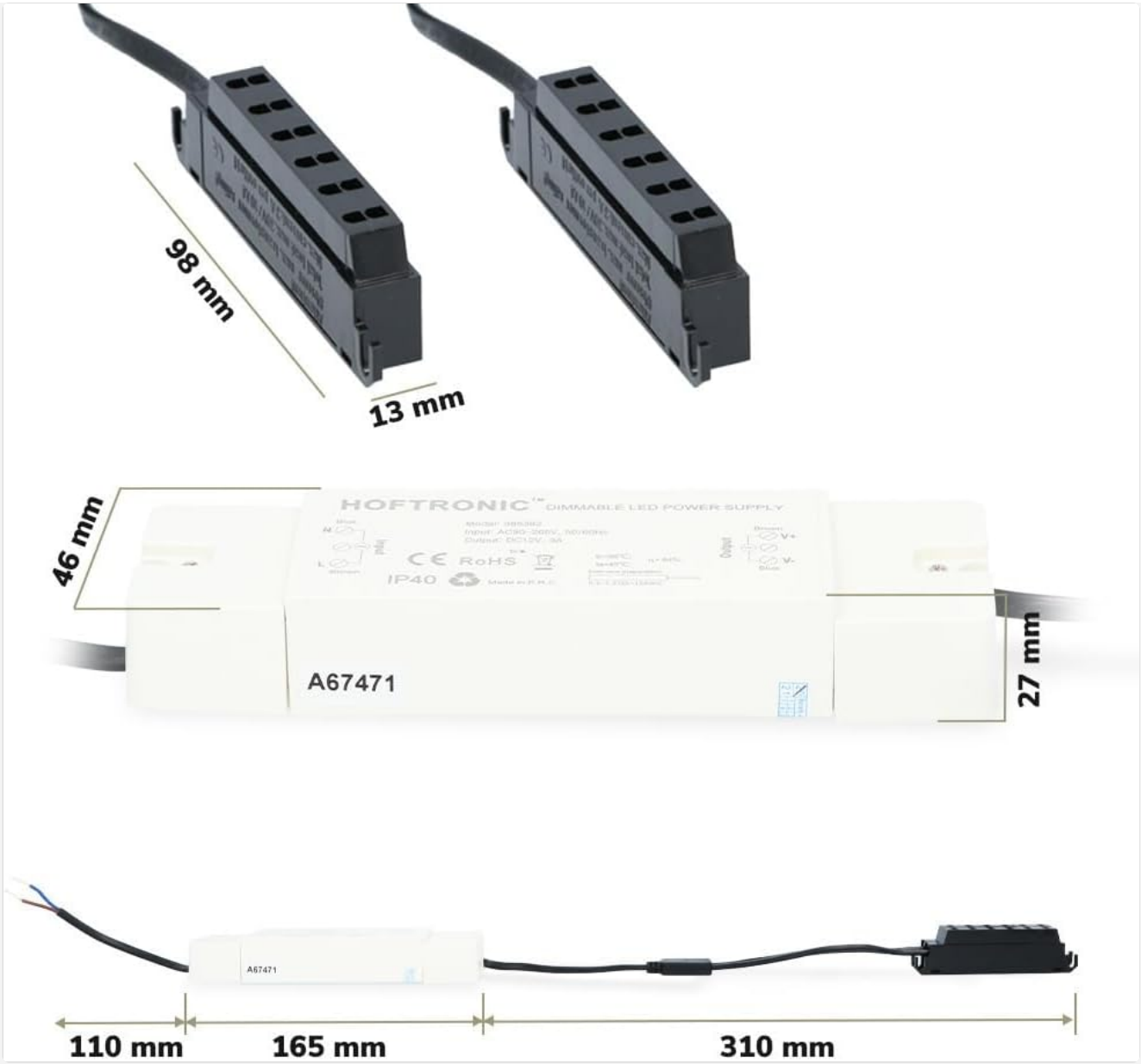


Image 4.2: Dimensions of the dimmable LED power supply transformer and quick connectors.

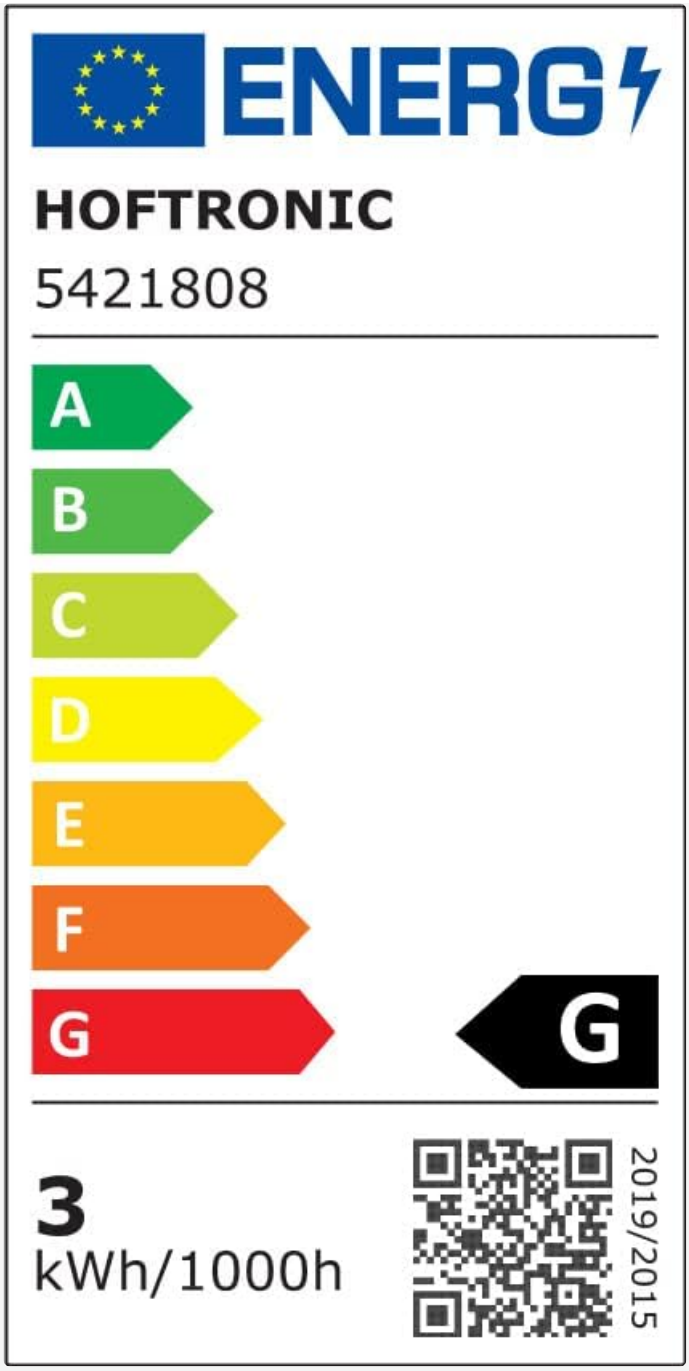


Image 4.3: EU Energy Label for the HOFTRONIC spotlights. For more details, visit the EPREL database.

5. Installation Guide (Setup)

The installation of these recessed spotlights is designed to be simple and tool-free, thanks to the Plug & Play system.

1. **Prepare the Installation Area:** Ensure the power supply to the installation area is turned off at the main circuit breaker.
2. **Drill Holes:** Drill circular holes with a diameter of 28 mm in your ceiling or desired surface. The minimum installation depth required is 35 mm.



Image 5.1: The slim design allows for extremely low installation possibilities, requiring only 34mm depth.

3. **Connect Spotlights to Transformer:** Each spotlight comes with a 5-meter cable and a quick connector. Connect these cables to the corresponding ports on the 12V dimmable transformer. The system is fully Plug and Play.

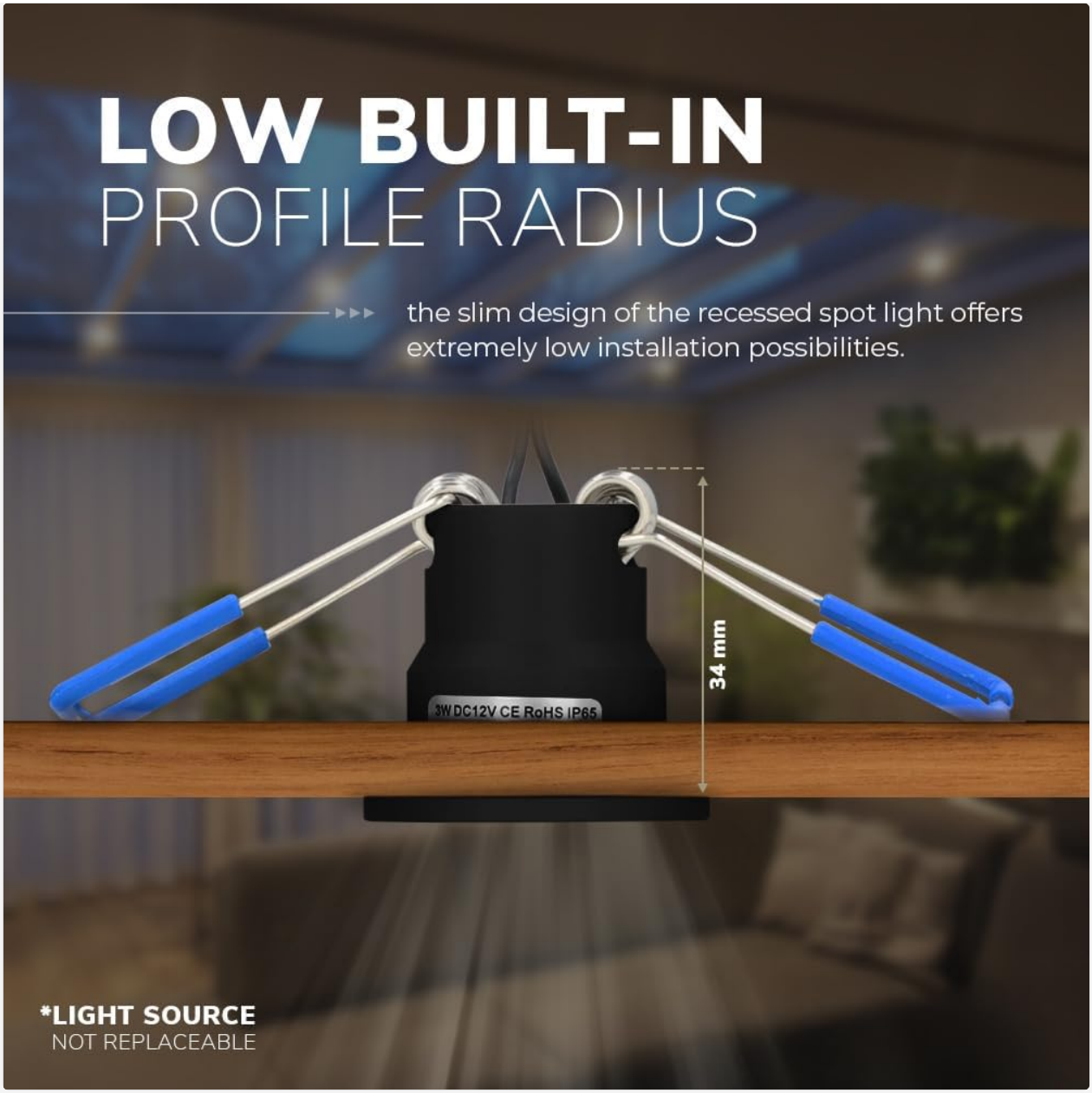


Image 5.2: The 5-meter cable with AMP connector allows for quick and easy installation and parallel connection options.

4. **Install Transformer:** Connect the transformer to a 230V power source. As noted in the safety section, ensure the transformer and its connections are placed in a dry, protected location, as their IP rating may be lower than the spotlights.
5. **Insert Spotlights:** Gently push the spotlights into the drilled holes. The spring clips will secure them in place.
6. **Restore Power:** Once all connections are secure and spotlights are installed, restore power at the main circuit breaker.

6. Operation

Your HOFTRONIC recessed spotlights are controlled via the included RF (Radio Frequency) remote control.

6.1 Remote Control Functions

- **Power On/Off:** Use the designated power button to turn the spotlights on or off.
- **Dimming:** The remote allows for continuous dimming of the light intensity. Use the brightness control buttons (usually '+' and '-') to adjust the light output to your desired level.
- **Night Light Function:** The remote control includes a night light function for very low illumination.

- **Delayed Off:** A delayed off function may be available, allowing the lights to turn off after a set period.

The remote control is pre-set and connected to the spotlights directly out of the box.

6.2 Applications

These spotlights are versatile and suitable for a wide range of environments:

- **Indoor Use:** Living rooms, bedrooms, hallways, and damp rooms such as bathrooms and basements.
- **Outdoor Use:** Verandas, awnings, pavilions, and garden sheds.



Image 6.1: Examples of indoor applications for the recessed spotlights, including bathrooms and kitchens.



Image 6.2: Examples of outdoor applications for the recessed spotlights, such as verandas and patios.



Image 6.3: The spotlights feature high-performance, energy-efficient LED chips, providing excellent light output at low energy consumption.

7. Care and Maintenance

Proper care and maintenance will ensure the longevity and optimal performance of your HOFTRONIC recessed spotlights.

- **Cleaning:** Before cleaning, ensure the power is off. Use a soft, damp cloth to wipe the surface of the spotlights. Avoid abrasive cleaners or solvents that could damage the finish or the IP65 seal.
- **Inspection:** Periodically inspect the spotlights and cables for any signs of damage or wear. If any damage is found, disconnect power and contact customer support.
- **Lifespan:** The spotlights have an average lifespan of 25,000 hours and 20,000 switching cycles, indicating long-term durability under normal use.



Image 7.1: The IP65 rating ensures the spotlights are water and dust resistant, making them easy to clean and maintain in various environments.

8. Troubleshooting

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

- **Spotlights not turning on:**
  - Check if the power supply to the transformer is active.
  - Ensure all quick connectors between the spotlights and the transformer are securely fastened.
  - Verify that the remote control has working batteries and is pointed towards the transformer/receiver.
- **Remote control not responding or has limited range:**
  - Replace the remote control batteries.
  - Ensure there are no significant obstructions (e.g., thick walls, metal objects) between the remote control and the transformer/receiver. Some users have reported that the remote control works best when in

direct line of sight or close proximity to the transformer.
    - If the issue persists, it might indicate a problem with the remote control or the transformer's receiver.
- **Spotlights flickering or dimming inconsistently:**
    - Check for loose connections at the transformer or spotlight cables.
    - Ensure the transformer is not overloaded (though unlikely with the provided kit).
    - Verify that the power supply is stable.
- **IP Rating Discrepancy:**
    - As mentioned in Safety Information, the spotlights are IP65, but the transformer and connectors are typically IP20. If you are installing in a damp or outdoor environment, ensure the transformer and all non-IP65 connections are housed in a waterproof enclosure or located in a completely dry area to prevent water damage and ensure safety.

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

9. Warranty and Support

HOFTRONIC is committed to providing quality products and customer satisfaction.

- **Warranty:** HOFTRONIC products typically come with a warranty. Please refer to your purchase documentation or the official HOFTRONIC website for specific warranty terms and conditions, which may extend up to 10 years for certain products.
- **Returns:** Products purchased may be eligible for a refund or replacement within 30 days of purchase, subject to the seller's return policy.
- **Customer Support:** HOFTRONIC offers 24/7 support for its products. For technical assistance, troubleshooting, or warranty claims, please contact HOFTRONIC customer service through their official channels. You can often find contact information on the brand's store page or website.
- **Online Resources:** For additional information and product range, visit theHOFTRONIC brand store on Amazon.

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