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## HOFTRONIC 480414

# HOFTRONIC HOMEYLUX Smart LED Recessed Spotlights User Manual

Model: 480414

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your HOFTRONIC HOMEYLUX Smart LED Recessed Spotlights. Please read these instructions thoroughly before use and retain them for future reference.

These smart recessed spotlights are tiltable and dimmable, offering 16.5 million RGBWW colors. They connect via WiFi and Bluetooth to the Hoftronic Smart app, providing access to numerous intelligent functions. The fixture features a matte white finish.

## 2. PRODUCT OVERVIEW

The HOMEYLUX Smart LED Recessed Spotlights are designed for indoor use, providing versatile and customizable lighting. Each set includes six spotlights, featuring an interchangeable GU10 smart LED bulb with a long lifespan.



An overview of the six smart LED recessed spotlights, featuring their white finish and adjustable light direction.

## Key Features:

- **WiFi + Bluetooth Connectivity:** Ensures a reliable and constant connection for remote control.
- **Smart Home Integration:** Compatible with popular Smart Home applications like Google Home and Amazon Alexa for voice control and advanced functions.
- **RGBWW 16.5 Million Colors:** Offers a wide spectrum of colors and tunable white light for various ambiances.
- **Tilttable Design:** Allows for adjustable light direction to highlight specific areas.
- **Interchangeable GU10 Bulb:** Easy replacement of the LED bulb, extending the fixture's lifespan.
- **Durable Construction:** Made from maintenance-free aluminum with an AKZO-Nobel powder coating for rust resistance.

## 3. SAFETY INFORMATION

- Ensure the power supply is disconnected before installation, maintenance, or bulb replacement.
- Installation should be performed by a qualified electrician if you are unsure.

- This product is designed for indoor use only.
- Do not cover the spotlights with insulating material unless specifically rated for it. Ensure adequate ventilation.
- Use only GU10 LED bulbs that comply with the product's specifications.
- Keep out of reach of children.

## 4. PACKAGE CONTENTS

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Your package should contain the following items:

- 6 x HOFTRONIC HOMEYLUX Smart LED Recessed Spotlights
- 6 x Smart GU10 LED Bulbs
- 1 x Remote Control (requires 1 AA battery, not included for the remote)
- Installation materials (e.g., springs for mounting)
- User Manual (this document)

## 5. INSTALLATION (SETUP)

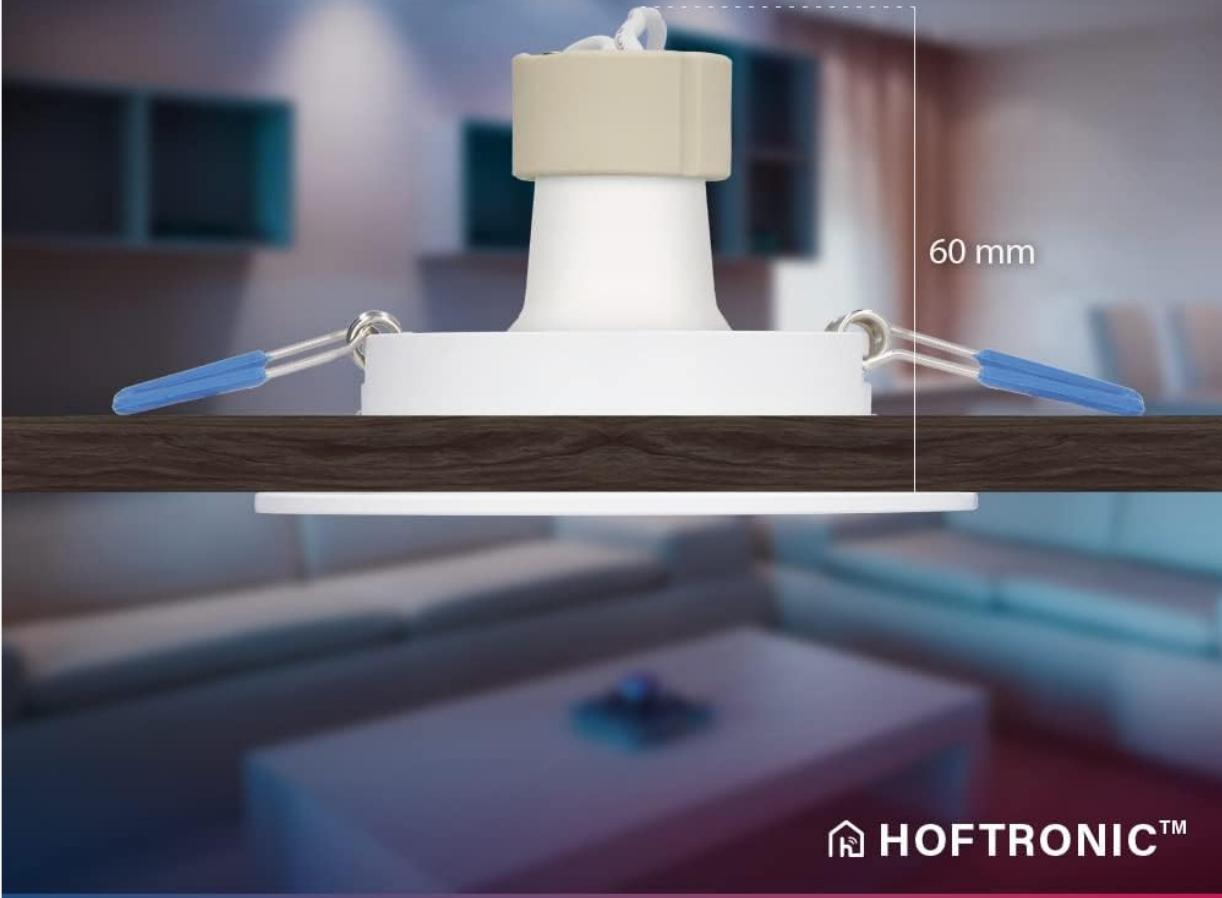
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Follow these steps for proper installation of your recessed spotlights:

1. **Prepare the Ceiling:** Ensure the power supply to the installation area is turned off at the main circuit breaker. Mark the desired locations for the spotlights.
2. **Cut-out the Holes:** Using a suitable hole saw, create circular cut-outs in the ceiling with a diameter of **75 mm**.
3. **Wiring:** Connect the spotlight's wiring to your mains electricity supply (230V AC/DC). Ensure all connections are secure and insulated according to local electrical codes.
4. **Insert GU10 Bulb:** Gently insert the GU10 smart LED bulb into the spotlight fixture's socket.
5. **Mount the Spotlight:** Fold back the spring clips on the sides of the spotlight fixture. Push the fixture into the prepared ceiling hole. The spring clips will secure the spotlight in place. The required recess depth is **60 mm**.
6. **Restore Power:** Once all spotlights are installed, restore power at the main circuit breaker.

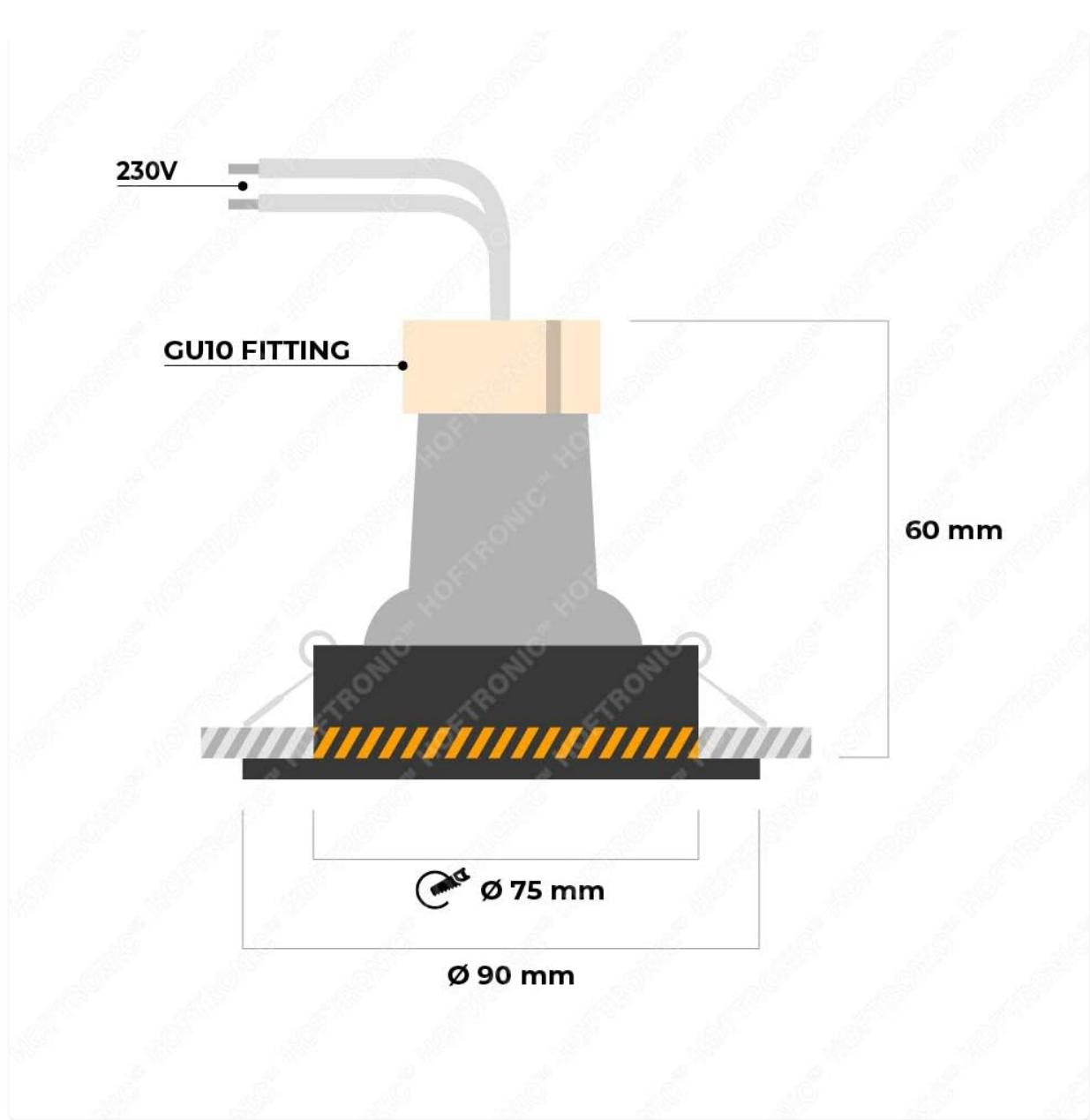
# EASY INSTALLATION

Installation materials included



 **HOFTRONIC™**

A visual guide to the easy installation process, showing the compact 60mm recess depth required for the spotlight.



A detailed technical drawing providing critical dimensions for installation, including the 75mm cut-out and 60mm recess depth.

## 6. OPERATION

### Basic On/Off and Dimming:

After installation, the spotlights can be turned on/off using a standard wall switch. For dimming and color control, the Hoftronic Smart app or a compatible smart home assistant is required.

### Adjusting Light Direction:

The spotlights feature a tiltable design. Gently adjust the inner ring of the spotlight to direct the light beam as desired.

# FULLY ARTICULATED

Tilttable light source



 **HOFTRONIC™**

An illustration demonstrating the tilttable design of the recessed spotlight, allowing for adjustable light direction.

## 7. SMART FEATURES & APP INTEGRATION

To unlock the full potential of your HOMEYLUX Smart LED Recessed Spotlights, download and connect them to the Hoftronic Smart app.

### Connecting to the Hoftronic Smart App:

1. Download the "Hoftronic Smart" app from the Google Play Store or Apple App Store.
2. Register or log in to your account.
3. Ensure your phone's Bluetooth and WiFi are enabled.
4. Follow the in-app instructions to add new devices. The spotlights will connect via both WiFi and Bluetooth for a stable connection.

# HOFTRONIC SMART APP

Enjoy endless smart home functionalities



- ● ●  **Geofencing**
- ● ●  **Countdown & Timers**
- ● ●  **Music Sync**
- ● ●  **Grouping**
- ● ●  **Easy Pairing**
- ● ●  **Smart Scenes**



 **HOFTRONIC™**

The HOFTRONIC Smart App interface, highlighting key functionalities for controlling the smart spotlights, including scheduling and grouping.

## App Functions Include:

- **Scheduling:** Set timers for automatic on/off times.
- **Geofencing:** Lights can react to your location (e.g., turn on when you arrive home).
- **Grouping:** Control multiple spotlights simultaneously.
- **Color & Dimming Control:** Adjust brightness and choose from 16.5 million RGBWW colors.
- **Voice Control:** Integrate with Google Home and Amazon Alexa for hands-free operation.
- **Smart Scenes:** Create custom lighting presets for different moods or activities.



 **HOFTRONIC™**

An example of the smart spotlights in use, showcasing their ability to create different ambiance with colored lighting in a bedroom setting.

## 8. MAINTENANCE

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### **Cleaning:**

Ensure the power is off before cleaning. Wipe the spotlights with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the finish.

### **Bulb Replacement:**

The GU10 LED bulbs are interchangeable. If a bulb needs replacement:

1. Turn off the power supply.
2. Carefully remove the old GU10 bulb by twisting it counter-clockwise.
3. Insert the new GU10 LED bulb by aligning the pins and twisting clockwise until secure.
4. Restore power.

# EXCHANGEABLE LIGHT SOURCE

GU10 fitting



 **HOFTRONIC™**

A view of the spotlight fixture, highlighting the GU10 socket which allows for easy replacement of the LED bulb.

# HOFTRONIC SMART BULB

GU10 fitting



-  **RGBWW 16.5 Million Colours**
-  **Stepless Dimming**
-  **50.000 Hours Lifespan**

 **HOFTRONIC™**

A close-up of the interchangeable GU10 smart LED bulb, detailing its RGBWW color capabilities, dimming function, and extended lifespan.

## 9. TROUBLESHOOTING

- **Spotlight not turning on:**

- Check if the power supply is connected and the wall switch is on.
- Ensure the GU10 bulb is correctly inserted and not faulty.
- Verify electrical connections.

- **Cannot connect to Hoftronic Smart app:**

- Ensure your WiFi network is 2.4GHz (5GHz networks are often not supported by smart devices).
- Check that your phone's Bluetooth and WiFi are enabled.
- Restart your router and the spotlights (by cycling power).
- Ensure the spotlights are within range of your WiFi router.

- **Colors or dimming not working:**

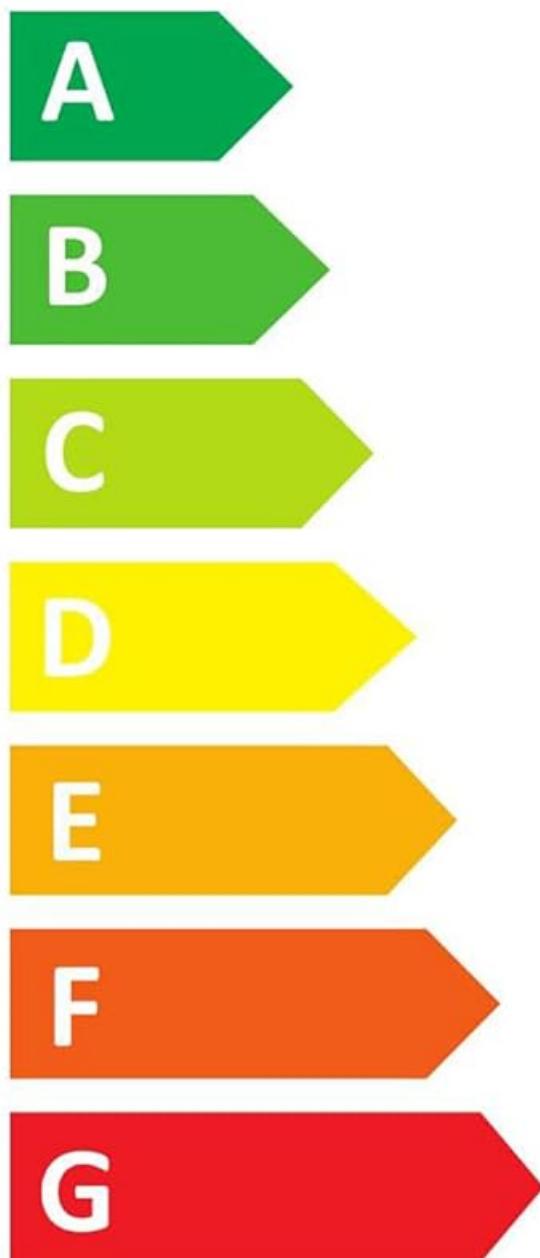
- Confirm the spotlights are properly connected to the Hoftronic Smart app.
- Check for app updates.
- Ensure the GU10 bulb is a smart RGBWW bulb.

## 10. SPECIFICATIONS

Attribute	Specification
Brand	HOFTRONIC (HOMEYLUX)
Model Number	480414
Product Dimensions (L x W x H)	9 x 9 x 6 cm
Number of Items	6
Style	Round
Color	White
Special Features	Dimmable, Tilttable, Smart (WiFi + Bluetooth), RGBWW
Shade Material	Aluminum
Power Source	AC / DC
Bulb Type	LED (GU10 base)
Luminous Flux	345 lm
Lifespan	50,000 hours
Cut-out Diameter	75 mm
Recess Depth	60 mm
Usage	Indoor use only

### Energy Efficiency Information:





**6**  
kWh/1000h



2019/2015

The EU energy efficiency label for HOFTRONIC product 480414, indicating its energy class G and 6 kWh/1000h consumption. For more details, visit [eprel.ec.europa.eu/qr/1548526](http://eprel.ec.europa.eu/qr/1548526).

## 11. WARRANTY & SUPPORT

HOFTRONIC provides a **5-year warranty** on these HOMEYLUX Smart LED Recessed Spotlights, ensuring competitive pricing, high quality, and excellent warranty conditions.

For technical support, warranty claims, or further assistance, please contact HOFTRONIC customer service through their official website or the retailer where the product was purchased.

## Related Documents - 480414

	<p><a href="#">Hoftronic PAVO Dimmable Downlight Installation Guide</a></p> <p>Installation manual for the Hoftronic PAVO dimmable downlight, including safety instructions, mounting guidelines, usage, and maintenance information.</p>
	<p><a href="#">Hoftronic Rome Smart Dimmable Downlight Installation Manual</a></p> <p>Installation guide for the Hoftronic Rome Smart Dimmable Downlight, covering safety instructions, intended use, mounting procedures, functional characteristics, usage guidelines, maintenance, environmental protection, and declaration of conformity.</p>
	<p><a href="#">HOFTRONIC Rome Dimmable LED Downlight User Manual   Installation &amp; Safety Guide</a></p> <p>User manual for the HOFTRONIC Rome Dimmable LED Downlight (SKUs 4400316, 4400323, 4400330). Provides essential safety instructions, detailed installation guidance, technical specifications, usage tips, maintenance advice, environmental considerations, and declaration of conformity. Features include dimmability, IP44 rating, and a 5-year warranty.</p>
	<p><a href="#">HOFTRONIC Venezia LED Dimmable Downlight User Manual</a></p> <p>User manual for the HOFTRONIC Venezia LED Dimmable Downlight, providing safety, installation, dimming, and maintenance instructions. Features IP65 rating and fire resistance.</p>
	<p><a href="#">Hoftronic PIR Motion Sensor Recessed 68mm White - Installation Guide</a></p> <p>Installation manual for the Hoftronic PIR Motion Sensor, recessed 68mm, white model. Includes safety instructions, installation advice, testing, and usage guidelines.</p>
	<p><a href="#">Hoftronic Salerno Dimmable Downlight Installation Manual</a></p> <p>Official installation manual for the Hoftronic Salerno Dimmable Downlight, providing safety instructions, mounting guidelines, usage, and maintenance information for qualified electricians and users.</p>

