HOFTRONIC 2723798

HOFTRONIC Stratos LED Floodlight with Motion Sensor - User Manual

Model: 2723798

1. Introduction

Thank you for choosing the HOFTRONIC Stratos LED Floodlight. This 100W LED floodlight features an integrated PIR motion sensor and a dusk-to-dawn switch, providing 8700 lumens of 6500K cool white light. Designed for outdoor use, its IP65 rating ensures durability and reliable performance in various weather conditions. This manual provides essential information for safe installation, operation, and maintenance of your floodlight.



Image 1.1: HOFTRONIC Stratos LED Floodlight with integrated motion sensor.

2. Safety Instructions

- Always disconnect power before installation, maintenance, or repair.
- Installation should be performed by a qualified electrician in accordance with local wiring regulations.
- Ensure the power supply voltage matches the floodlight's requirements (220-240V AC).
- Do not look directly into the LED light source when it is illuminated, as this may cause eye strain or damage.
- The floodlight is rated IP65 for outdoor use, meaning it is protected against dust ingress and low-pressure water jets. However, avoid submerging the unit.
- Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.
- Keep flammable materials away from the floodlight during operation.

3. Setup and Installation

3.1 Mounting the Floodlight

The HOFTRONIC Stratos floodlight comes with a robust aluminum bracket for versatile mounting. It can be securely mounted on walls, ceilings, or other stable surfaces. Ensure the mounting surface can support the weight of the floodlight (5 kg).

1. Mark the desired mounting position for the bracket.
2. Drill appropriate holes for the mounting screws (not included).
3. Securely attach the bracket to the surface.
4. Attach the floodlight to the bracket using the provided hardware.
5. Adjust the tilt angle of the floodlight and the PIR sensor as needed. The floodlight offers a 175° tilt angle for optimal light direction.

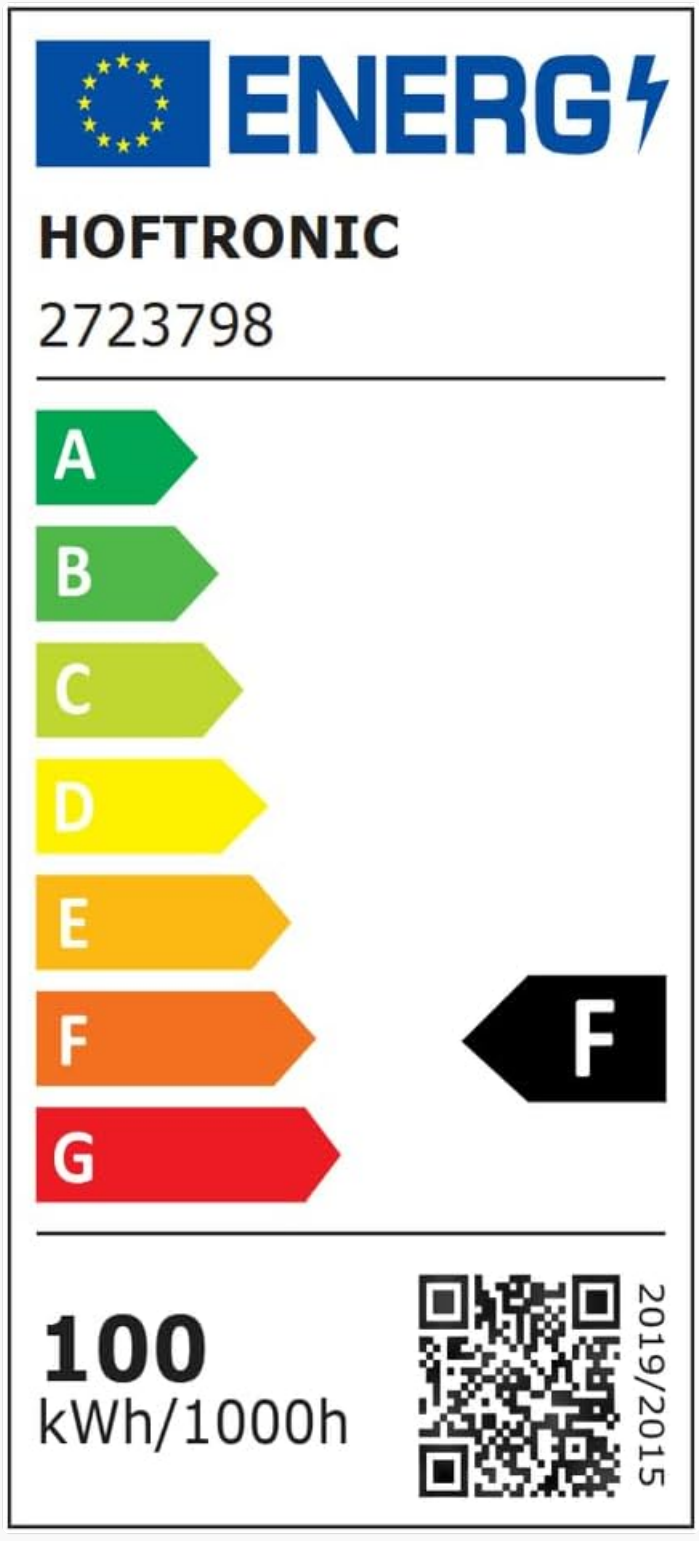


Image 3.1: Floodlight mounted on a wall, demonstrating typical installation.



Image 3.2: Illustration of the 175° tilt angle and various mounting positions (wall, ground, ceiling).

3.2 Electrical Connection

The floodlight is supplied with a 15 cm connection cable. Ensure proper wiring according to the color codes:

- Brown wire: Live (L)
- Blue wire: Neutral (N)
- Yellow/Green wire: Earth (E)

Use a suitable waterproof junction box for outdoor connections to maintain the IP65 rating.

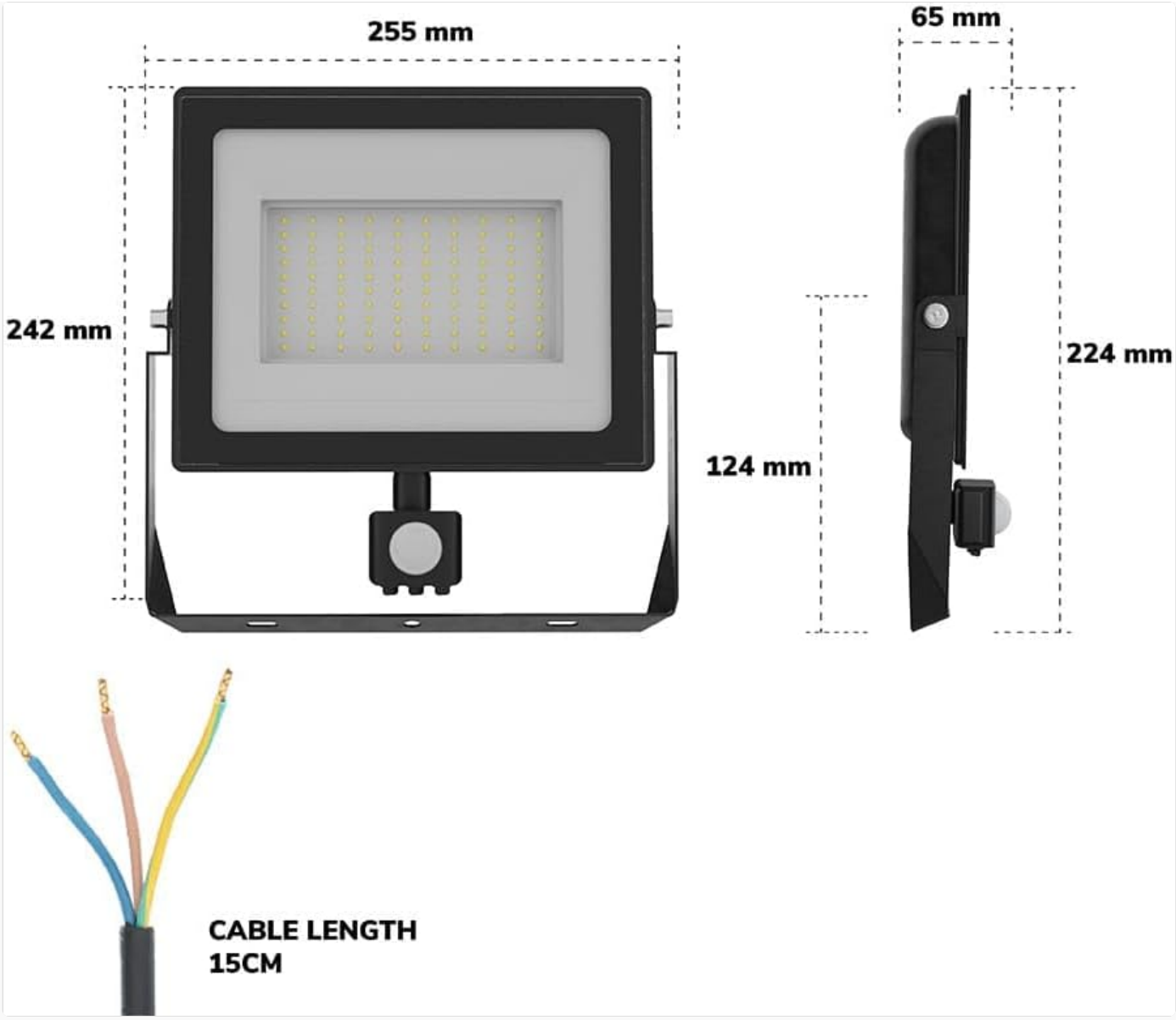


Image 3.3: Technical drawing showing product dimensions (255x244x65mm) and the 15cm cable length.

3.3 PIR Sensor Adjustment

The integrated PIR motion sensor has a 120° detection angle and a detection range of up to 10 meters. The light sensitivity (dusk-to-dawn threshold) is adjustable from 5-2000 lux. Adjust the sensor's position and settings to optimize detection for your specific area.

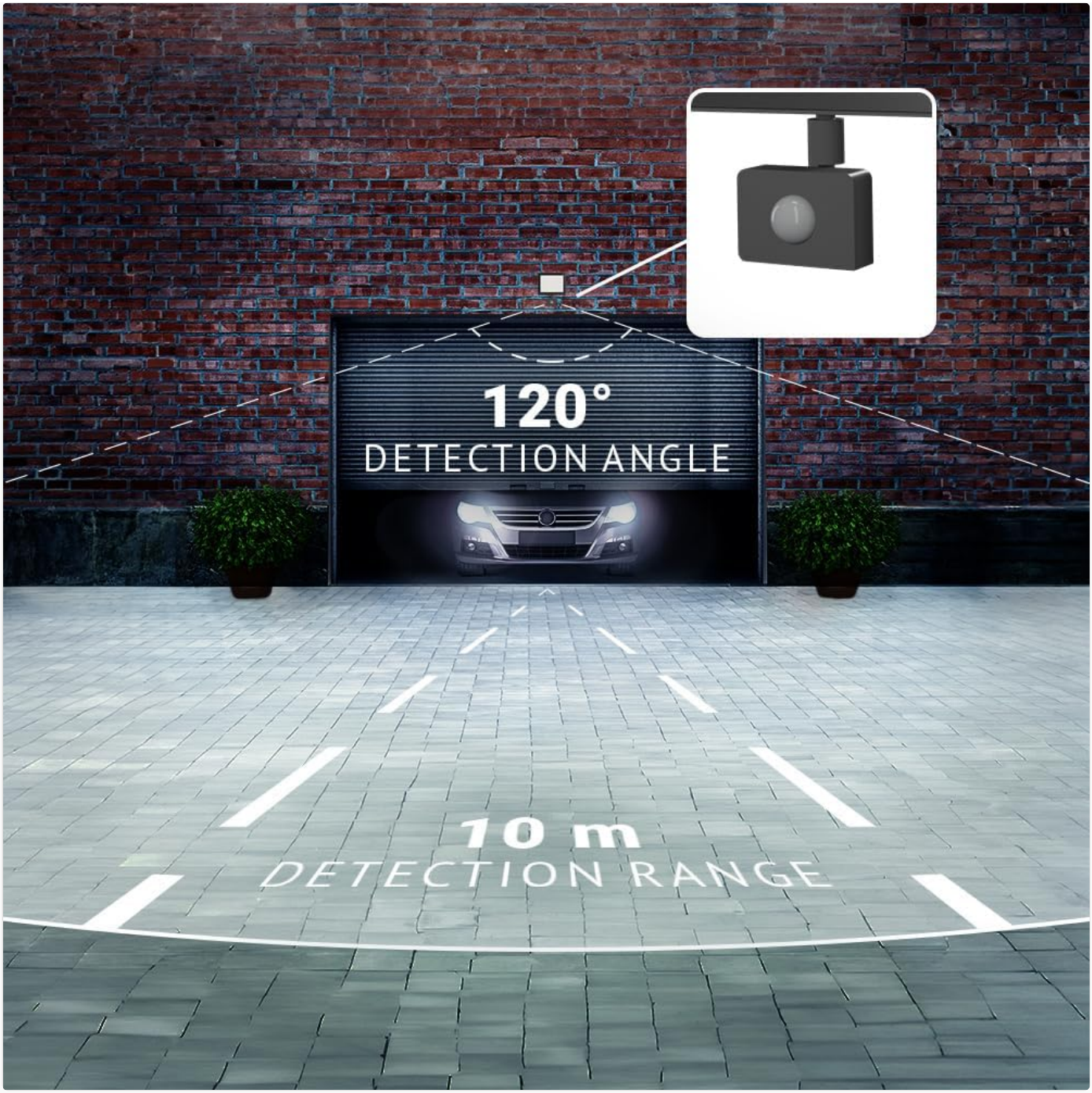


Image 3.4: Illustration of the 120° detection angle and 10-meter detection range of the PIR sensor.

4. Operating Instructions

Once properly installed and powered, the HOFTRONIC Stratos LED Floodlight operates automatically based on its integrated motion sensor and dusk-to-dawn switch.

- **Dusk-to-Dawn Function:** The floodlight will only activate when the ambient light level falls below the set lux threshold (adjustable).
- **Motion Detection:** When motion is detected within the sensor's range and the ambient light is low enough, the floodlight will turn on.
- **Illumination Duration:** The duration for which the light stays on after motion detection is typically adjustable via a control knob on the sensor (refer to the sensor unit for specific controls).

5. Maintenance

The HOFTRONIC Stratos LED Floodlight is designed for minimal maintenance due to its durable aluminum housing and IP65 rating.

- **Cleaning:** Periodically clean the floodlight's surface and sensor lens with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the power cable and housing for any signs of damage. If damage is found, disconnect power immediately and have the unit inspected by a qualified professional.
- **Heat Dissipation:** The floodlight features an improved heatsink for efficient heat dissipation. Ensure that the heatsink area at the back of the unit is not obstructed to maintain optimal performance and lifespan.



Image 5.1: Rear view of the floodlight, highlighting the durable aluminum construction and improved heatsink.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Ambient light too high (dusk-to-dawn sensor). Motion not detected. Sensor settings incorrect.	Check power connection and circuit breaker. Wait for darker conditions or adjust lux setting. Test motion detection within range. Adjust sensitivity and time settings on the PIR sensor.
Light stays on continuously.	Continuous motion in detection area. Sensor settings incorrect (e.g., time setting too long). Sensor malfunction.	Clear obstructions or reposition the floodlight/sensor. Adjust the time setting on the PIR sensor. Contact customer support if issue persists.
Light flashes or flickers.	Unstable power supply. Loose wiring connection. Product defect.	Check power source stability. Ensure all wiring connections are secure (power off first). Contact customer support.

7. Specifications

Feature	Detail
Model Number	2723798
Power Consumption	100 W
Luminous Flux	8700 lumen
Input Voltage	220-240 V AC
Frequency	50/60 Hz
Color Temperature	6500 K (Cool White)
Dimmable	No
Beam Angle	110°
Material	Aluminum and Glass
Color	Black
Protection Rating	IP65
Color Rendering Index (CRI)	≥ 70 Ra
Dimensions (LxWxH)	255 x 244 x 65 mm
Operating Temperature	-20 to +40 °C
Switching Cycles	20,000 cycles
Average Lifespan	25,000 hours

Feature	Detail
PIR Sensor Detection Angle	120°
PIR Sensor Detection Range	Up to 10 m
PIR Sensor Light Sensitivity	5-2000 lux (adjustable)
Tilt Angle	175°
Cable Length	15 cm
Energy Efficiency Class	F (EPREL Link)



Image 7.1: Energy label for the HOFTRONIC Stratos LED Floodlight, indicating an efficiency class of F.

8. Warranty and Support

The HOFTRONIC Stratos LED Floodlight comes with a**2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover:

- Damage caused by improper installation or misuse.
- Damage caused by unauthorized repairs or modifications.
- Damage due to natural disasters or accidents.

For warranty claims or technical support, please contact your retailer or HOFTRONIC customer service with your proof of purchase and model number (2723798).

© 2025 HOFTRONIC. All rights reserved.

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.

Submit question