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HOFTRONIC 2713522

HOFTRONIC Bristol LED Outdoor Wall Light

Instruction Manual

1. Introduction

Thank you for choosing the HOFTRONIC Bristol LED Outdoor Wall Light. This product is designed to provide efficient and reliable outdoor illumination with advanced motion and twilight sensing capabilities. Please read this manual carefully before installation and use to ensure proper operation and safety.



Figure 1: HOFTRONIC Bristol LED Outdoor Wall Light mounted on a brick wall, illuminating the area.

2. Safety Information

Always follow basic safety precautions when installing and operating electrical products to reduce the risk of fire, electric shock, and personal injury.

- Ensure the power supply is disconnected before installation or maintenance.
- Installation should be performed by a qualified electrician if you are unsure.
- Do not modify the product in any way.
- Keep the product away from flammable materials.
- Do not look directly into the LED light source when it is on.
- This product is rated IP65 for outdoor use, meaning it is protected against dust ingress and low-pressure water jets from any direction.

3. Package Contents

Verify that all components are present in the package:

- HOFTRONIC Bristol LED Outdoor Wall Light (with integrated LED module)
- Mounting hardware (screws, wall plugs)
- Instruction Manual (this document)

4. Installation

The HOFTRONIC Bristol LED Outdoor Wall Light is designed for easy installation on both flat walls and corners.

4.1 Mounting Location

Choose a suitable location for the light, ensuring it is within reach of the power supply and provides the desired illumination coverage. Consider the detection range of the motion sensor (up to 10 meters at a 240° angle).



Figure 2: Easy installation options for wall and corner mounting.

4.2 Wiring and Mounting Steps

1. **Disconnect Power:** Before starting, ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Remove Back Plate:** Carefully remove the back mounting plate from the light fixture.
3. **Mark Drilling Points:** Hold the back plate against the desired mounting surface and mark the drilling points.
4. **Drill Holes:** Drill holes at the marked points and insert the wall plugs (if required for your surface).
5. **Route Cables:** Pass the electrical cables through the designated external cable access point on the back plate.

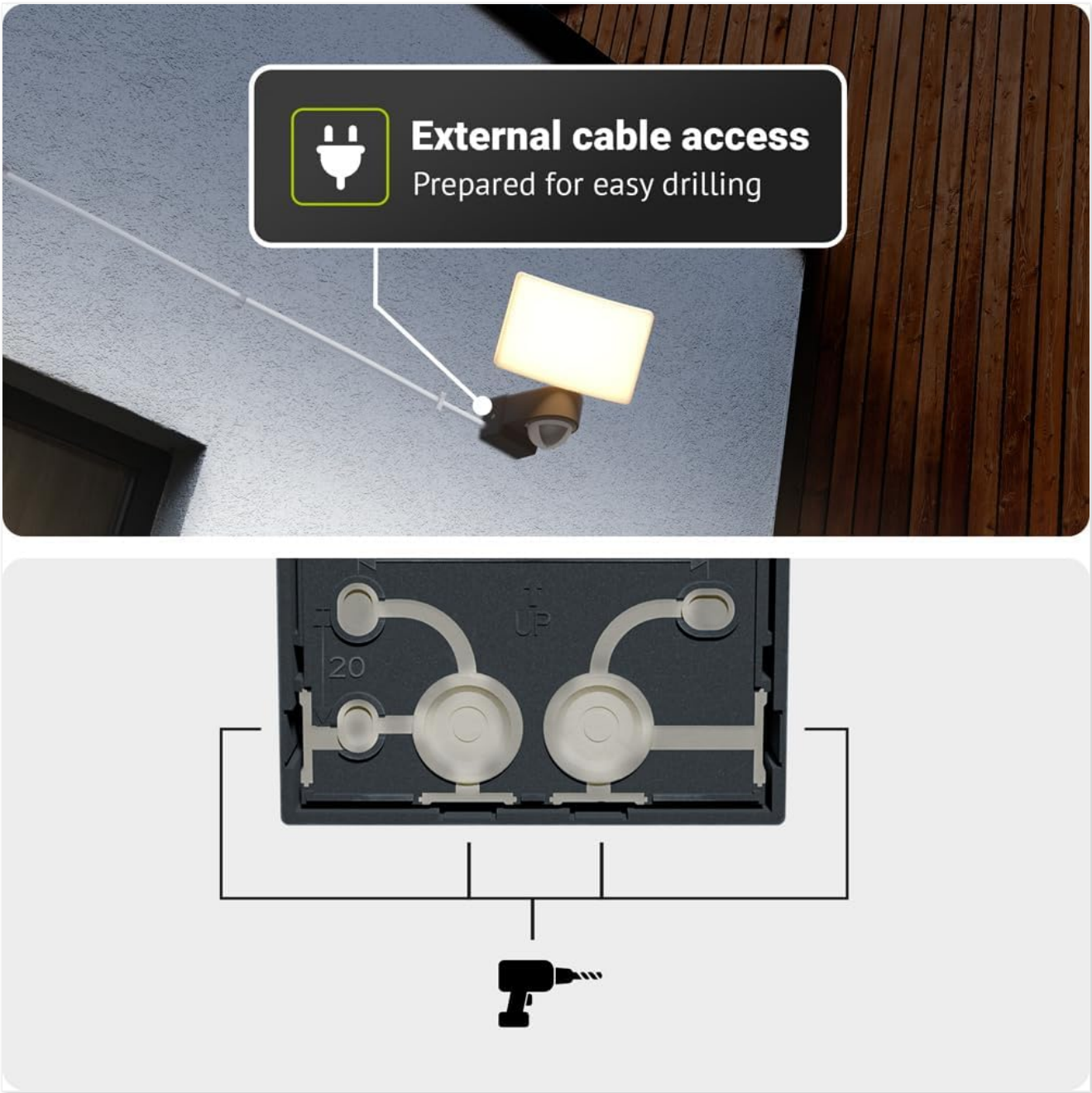


Figure 3: External cable access for wiring.

6. **Connect Wiring:** Connect the live (L), neutral (N), and earth (E) wires from your mains supply to the corresponding terminals on the light fixture. Ensure connections are secure.
7. **Secure Back Plate:** Attach the back plate securely to the wall using the provided screws.
8. **Attach Light Fixture:** Mount the main light fixture onto the secured back plate, ensuring it clicks or screws into place firmly.
9. **Restore Power:** Once the installation is complete and secure, restore power at the circuit breaker.

5. Operating Instructions

The HOFTRONIC Bristol light features an integrated motion sensor and twilight switch for automatic operation.

5.1 Sensor Adjustments

The motion sensor has adjustable settings for time delay, twilight sensitivity, and detection distance. These controls are typically located on the sensor unit itself.

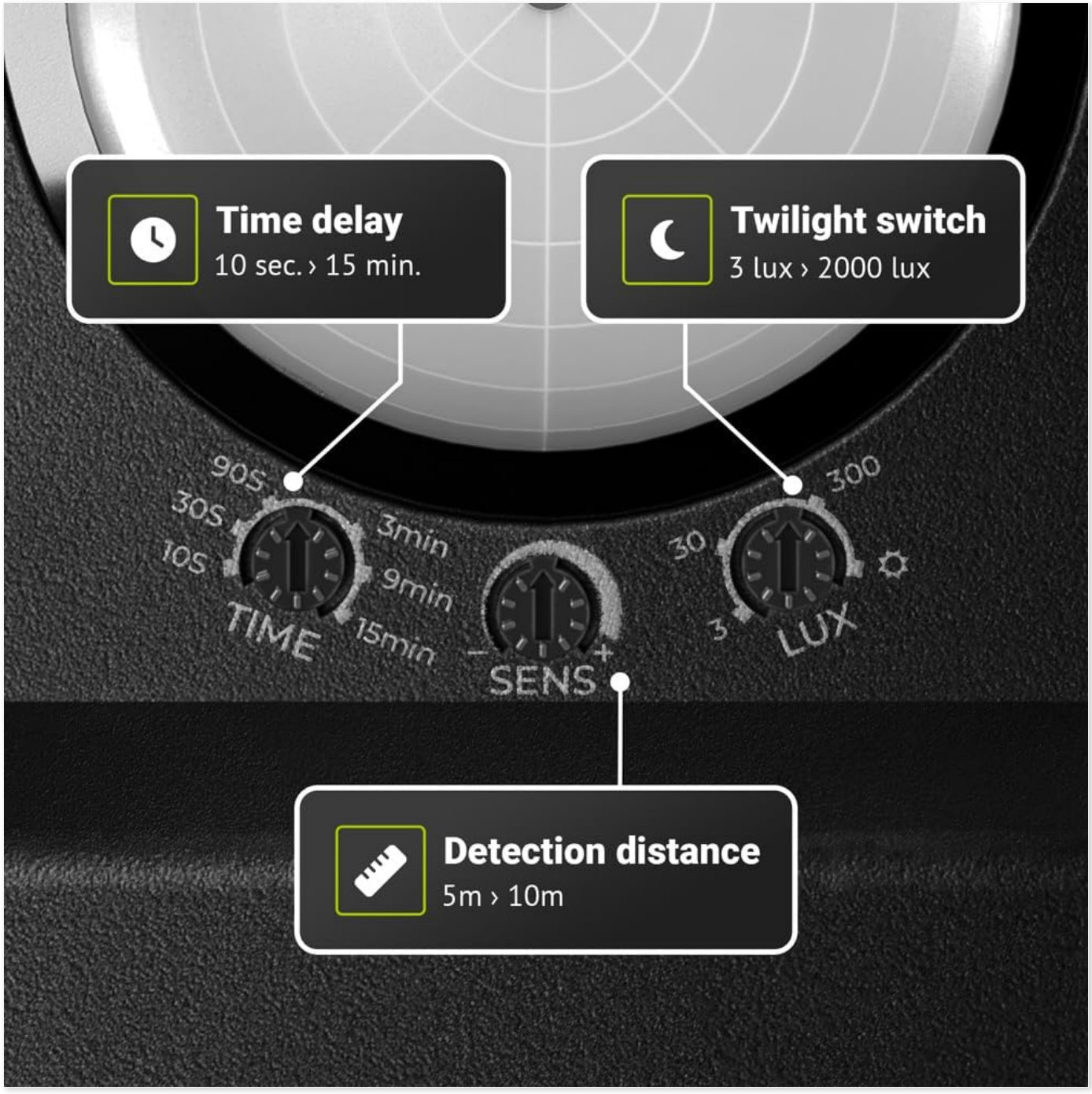


Figure 4: Sensor adjustment dials.

- **TIME (Time Delay):** This dial controls how long the light remains on after motion is detected and no further motion is sensed. It can typically be adjusted from 10 seconds to 15 minutes.
- **LUX (Twilight Switch):** This dial sets the ambient light level at which the sensor becomes active. For example, setting it to a low LUX value (e.g., 3 lux) means the light will only activate in very dark conditions, while a high LUX value (e.g., 2000 lux) means it will activate even in brighter conditions (daylight).
- **SENS (Detection Distance):** This dial adjusts the sensitivity of the motion sensor, controlling the maximum

detection range. It can typically be adjusted from 5 meters to 10 meters.

5.2 Motion Detection

When the twilight switch detects sufficient darkness and the motion sensor detects movement within its adjustable range, the light will automatically turn on for the set time delay.

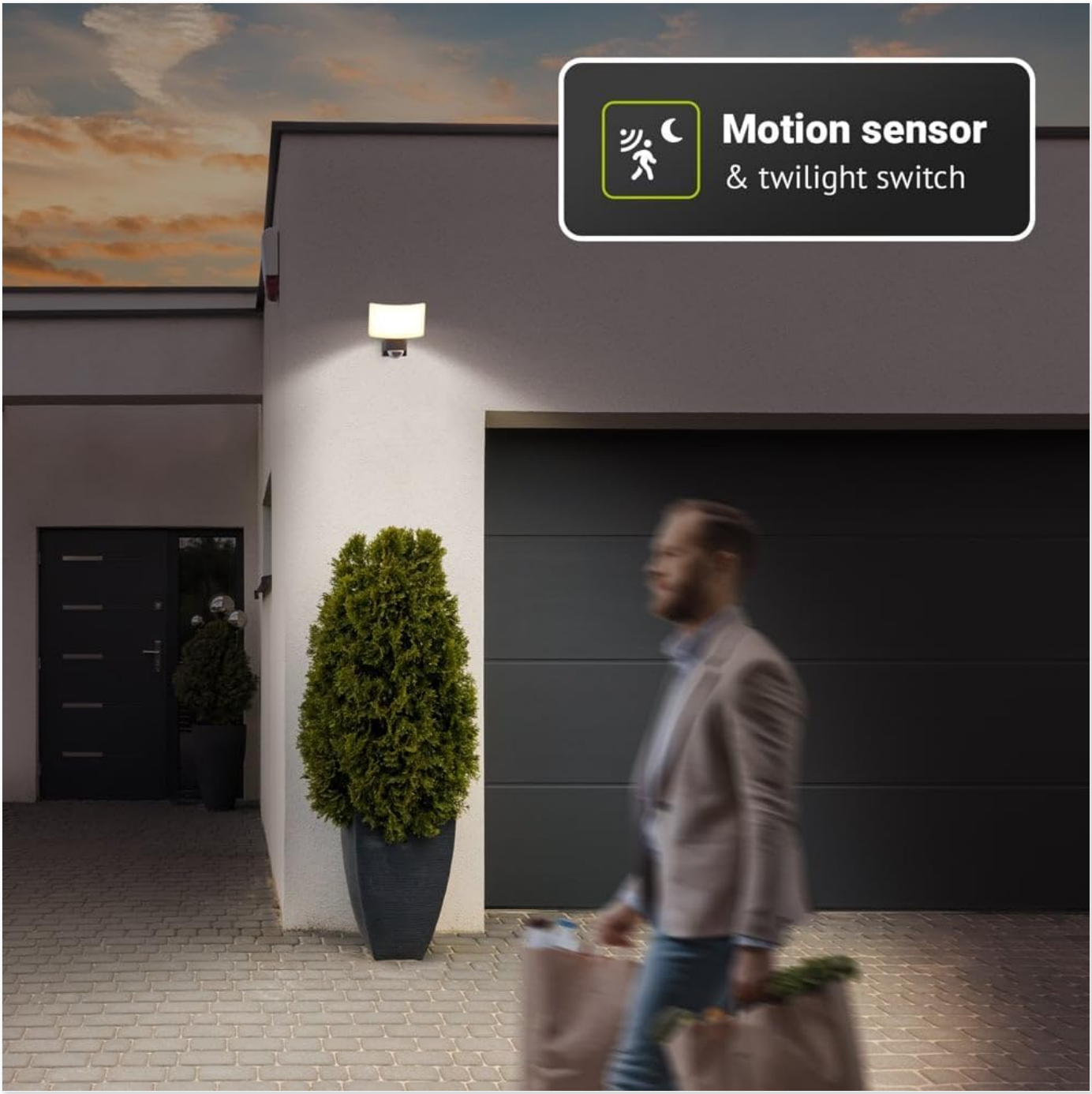


Figure 5: Motion sensor in action.

5.3 Adjustable Detection Angle

The sensor head can be physically adjusted to optimize the detection area, preventing unwanted activations or ensuring coverage of specific zones.

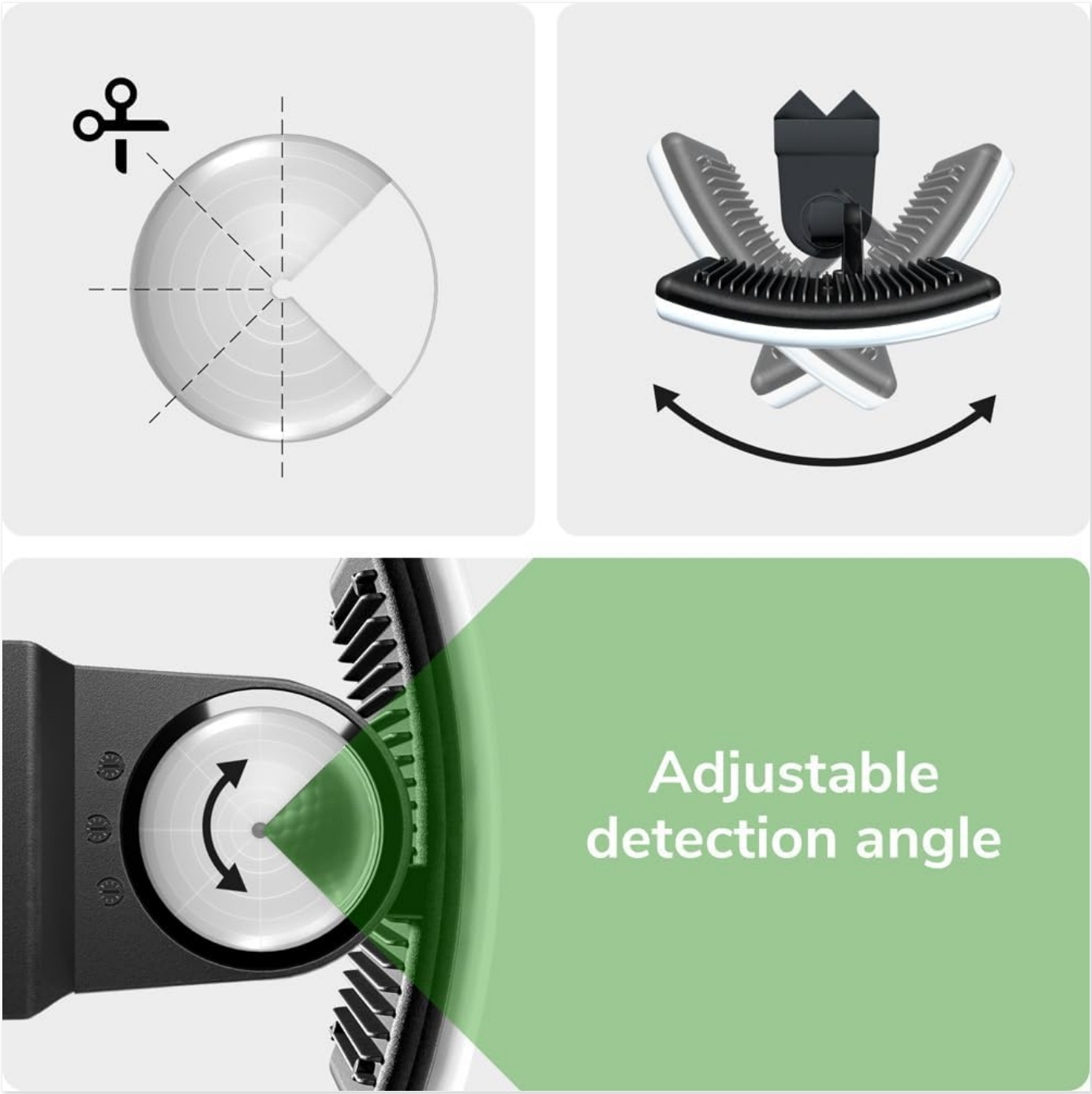


Figure 6: Adjustable detection angle.

5.4 Linkable Motion Sensor

This light features a linkable motion sensor, allowing it to control other compatible lights in a synchronized manner. Consult a qualified electrician for multi-light setup.



Figure 7: Linkable motion sensor for multiple lights.

6. Maintenance

The HOFTRONIC Bristol LED Outdoor Wall Light requires minimal maintenance.

- **Cleaning:** Clean the light fixture periodically with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the wiring and mounting for any signs of wear or damage.
- **Weather Resistance:** The light is designed to withstand various weather conditions due to its IP65 rating.



Figure 8: All-weather IP65 rating.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Light does not turn on.	No power supply.	Check circuit breaker and wiring connections.
	Twilight switch set too high (light conditions).	Adjust LUX dial to a lower setting.
	Motion sensor not detecting.	Adjust SENS dial for increased range or reposition sensor.

Problem	Possible Cause	Solution
Light stays on constantly.	Continuous motion detected.	Ensure no objects are causing constant detection. Adjust SENS dial to reduce range.
	Time delay set too long.	Adjust TIME dial to a shorter duration.
Light flashes or flickers.	Unstable power supply.	Consult a qualified electrician.
	Faulty unit.	Contact customer support.

8. Specifications

Feature	Specification
Brand	HOFTRONIC
Model Number	2713522
Power Consumption	30 Watts
Luminous Flux	2500 Lumens
Color Temperature	3000 Kelvin (Warm White)
Input Voltage	230 Volts AC
Material	Polycarbonate (PC), Aluminium
Ingress Protection (IP) Rating	IP65
Dimensions (L x W x H)	20 x 14 x 20 cm
Weight	5 Kilograms
Motion Sensor Detection Angle	240°
Motion Sensor Detection Distance	5m - 10m (Adjustable)
Time Delay	10 seconds - 15 minutes (Adjustable)
Twilight Switch Sensitivity	3 lux - 2000 lux (Adjustable)
Energy Efficiency Class	F

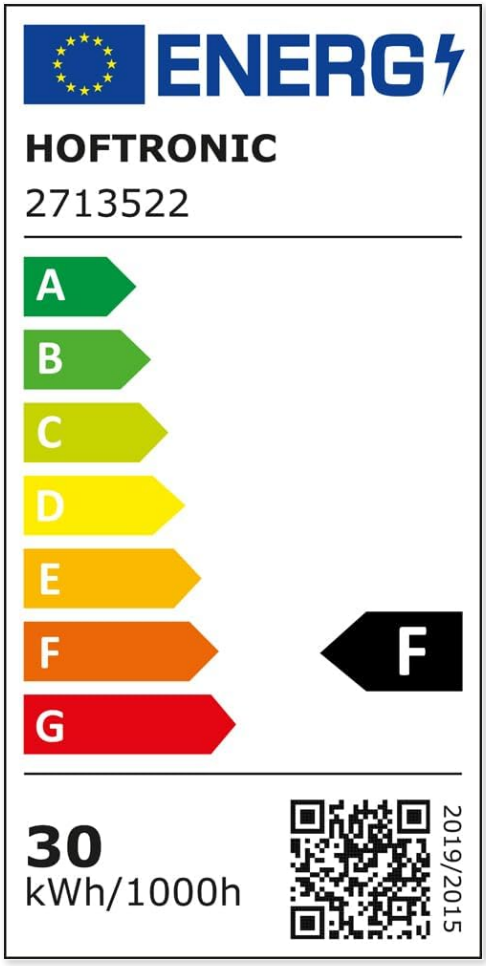


Figure 9: EU Energy Label.

For more details on energy efficiency, visit the EPREL database: https://eprel.ec.europa.eu/qr/1888788

9. Warranty and Support

HOFTRONIC products are manufactured to high-quality standards. For warranty information or technical support, please contact your retailer or visit the official HOFTRONIC website. Keep your proof of purchase for warranty claims.

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