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Luceco LFS18B130-EU

Luceco Slimline Guardian 22W LED Floodlight User Manual

Model: LFS18B130-EU

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1. INTRODUCTION

1.1 Product Overview

The Luceco Slimline Guardian 22W LED Floodlight is a high-performance, ultra-flat LED projector designed for various applications. It delivers 1800 lumens of 3000K warm white light with a 95° beam angle. Constructed with a durable die-cast aluminum housing and rated IP65, it is suitable for outdoor use in all weather conditions. The floodlight includes a 1-meter connection cable and features an energy efficiency class of A+.



Figure 1: Front view of the Luceco Slimline Guardian 22W LED Floodlight. This image shows the compact, black

1.2 Safety Information

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** Installation should be performed by a qualified electrician in accordance with local wiring regulations. Ensure the power supply is disconnected before installation or maintenance.
- **Outdoor Use:** This product is rated IP65, indicating protection against dust and low-pressure water jets. Ensure all connections are properly sealed for outdoor environments.
- **Heat:** The floodlight may become hot during operation. Do not touch the surface directly when in use.
- **Light Source:** Do not stare directly into the LED light source when illuminated, as this may cause eye strain or damage.
- **Damage:** Do not operate the floodlight if the cable or housing is damaged.

2. SETUP AND INSTALLATION

The Luceco Slimline Guardian floodlight is designed for quick and easy installation using its unique "Fit and Tilt" bracket.

1. **Preparation:** Ensure the power supply is switched off at the mains before commencing installation.
2. **Mounting Location:** Choose a suitable mounting location that can support the weight of the floodlight and provides the desired illumination area. The floodlight is suitable for wall or surface mounting.
3. **Mounting the Bracket:** Use appropriate screws and wall plugs (not supplied) to securely attach the floodlight's bracket to the desired surface. The bracket allows for angle adjustment after mounting.
4. **Wiring:** Connect the 1-meter H05RN-F rubber cable to your mains power supply. Ensure all electrical connections are secure and properly insulated, especially for outdoor installations. Refer to local wiring regulations.
5. **Adjusting Angle:** Once mounted, adjust the floodlight's angle to direct the light as required. Secure the angle by tightening the screws on the bracket.



Figure 2: The Luceco Slimline Guardian floodlight installed on a brick wall, demonstrating its typical mounting and illumination. The adjustable bracket is visible.



Figure 3: Side view of the floodlight, highlighting the robust "Fit and Tilt" mounting bracket and the integrated 1-meter connection cable.

3. OPERATING INSTRUCTIONS

The Luceco Slimline Guardian LED Floodlight is designed for straightforward operation.

1. **Power On:** Once correctly installed and wired, switch on the power supply to the floodlight. The LED will illuminate instantly.
2. **Light Output:** The floodlight provides 1800 lumens of 3000K warm white light with a wide 95° beam angle, suitable for illuminating work areas or outdoor spaces.
3. **Energy Efficiency:** This LED floodlight offers over 90% energy savings compared to traditional halogen lights.

4. MAINTENANCE

The Luceco Slimline Guardian LED Floodlight requires minimal maintenance due to its robust design and LED technology.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the floodlight's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.

- **Inspection:** Periodically inspect the cable and housing for any signs of damage. If damage is found, disconnect power immediately and consult a qualified electrician.
- **No User Serviceable Parts:** The LED light source is integrated and not user-replaceable. Do not attempt to open or repair the unit.
- **Durability:** With an average lifespan of 30,000 hours, the floodlight is designed for long-term, maintenance-free operation once installed.

5. TROUBLESHOOTING

If you encounter issues with your Luceco Slimline Guardian LED Floodlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Faulty wiring connection.	Check if the power switch is on. Verify all electrical connections are secure. Consult a qualified electrician if unsure.
Light is dim or flickers.	Unstable power supply. Internal fault.	Ensure the power supply is stable. If the problem persists, discontinue use and contact customer support.
Water ingress inside the unit.	Improper sealing during installation. Damage to housing.	Immediately disconnect power. Inspect for damage. Ensure all external connections are properly sealed. If damaged, the unit may need replacement.

If these steps do not resolve the issue, please contact Luceco technical support.

6. SPECIFICATIONS

Feature	Detail
Model Number	LFS18B130-EU
Power Consumption	22 Watts
Luminous Flux	1800 Lumens
Color Temperature	3000K (Warm White)
Beam Angle	95°
Color Rendering Index (CRI)	>80
Voltage	240 Volts
IP Rating	IP65
Material	Aluminum

Feature	Detail
Color	Black
Product Dimensions (L x W x H)	35 x 31 x 17 cm
Item Weight	650 g
Average Lifespan	30,000 Hours
Energy Efficiency Class	A+
Cable Length	1 meter (H05RN-F rubber cable)

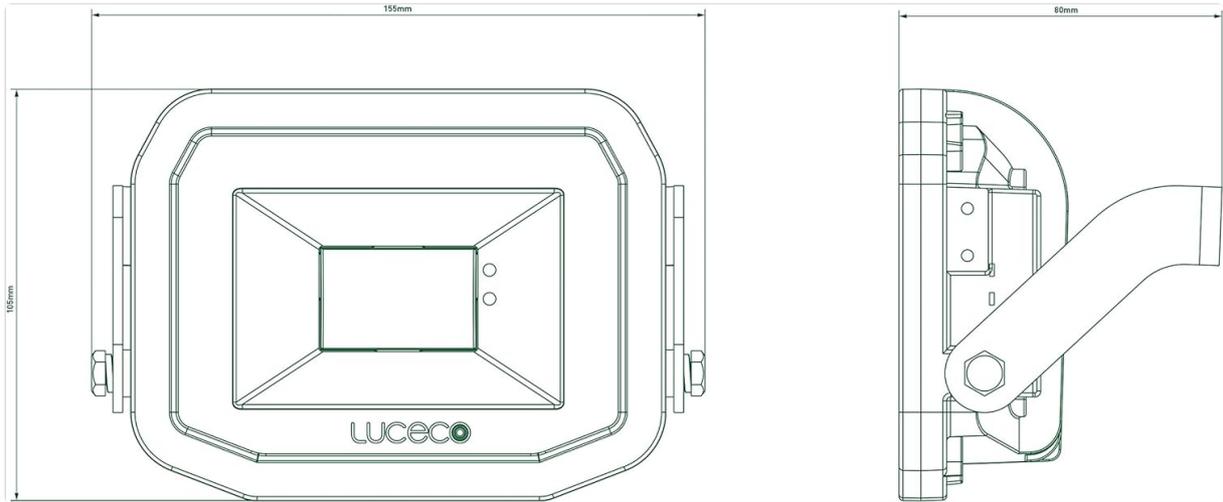


Figure 4: Technical drawing illustrating the dimensions (length, width, height) of the Luceco Slimline Guardian 22W LED Floodlight.

7. WARRANTY AND SUPPORT

The Luceco Slimline Guardian 22W LED Floodlight comes with a **3-year guarantee** from the date of purchase.

For technical assistance, warranty claims, or any product-related inquiries, please contact Luceco's dedicated technical support team. Contact details can typically be found on the Luceco official website or product packaging.

Please have your model number (LFS18B130-EU) and proof of purchase available when contacting support.