

## Luceco EFDGUIPPC-01

# Luceco LED IP65 Fire Rated GU10 Downlight Polished Chrome Instruction Manual

Model: EFDGUIPPC-01

## 1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your Luceco LED IP65 Fire Rated GU10 Downlight. Please read this manual thoroughly before installation and retain it for future reference. This downlight is designed for recessed ceiling installation and features an IP65 rating, making it suitable for areas where protection against water jets is required, such as bathrooms (Zone 1 and 2) and outdoor sheltered areas. It also incorporates a fire-rated housing for enhanced safety.



**Figure 1:** Luceco LED IP65 Fire Rated GU10 Downlight (Polished Chrome)

This image shows the front view of the Luceco LED IP65 Fire Rated GU10 Downlight. It features a polished chrome finish bezel with a central light source, designed for a sleek, modern appearance when installed in a ceiling.

## 2. SAFETY INFORMATION

- **Professional Installation:** Installation must be carried out by a qualified electrician in accordance with national wiring regulations and local building codes.
- **Power Disconnection:** Always ensure the main power supply is switched off at the consumer unit/fuse box before commencing any installation, maintenance, or bulb replacement.
- **Earthing:** This downlight has a metal casing and requires proper earthing. Ensure the earth wire is securely connected.
- **Bulb Type:** Use only GU10 LED or halogen bulbs up to a maximum of 35W. The downlight is supplied without a bulb.
- **Bulb Dimensions:** Ensure the GU10 bulb length does not exceed 50-60mm to fit correctly within the fire-rated housing.
- **IP65 Rating:** The IP65 rating provides protection against dust ingress and low-pressure water jets. Ensure all seals are correctly seated during installation to maintain this rating.
- **Fire Rating:** This downlight is fire-rated, designed to maintain the integrity of the ceiling's fire resistance. Do not modify the

housing.

- **Ventilation:** Ensure adequate clearance around the downlight in the ceiling void as per manufacturer guidelines and local regulations to prevent overheating.
- **Damage:** Do not install if the product or any components are damaged.

### 3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1 x Luceco LED IP65 Fire Rated GU10 Downlight (Polished Chrome finish)
- Instruction Manual
- *Note: GU10 bulb is not included and must be purchased separately.*

### 4. SPECIFICATIONS

Brand	Luceco
Model Number	EFDGUIPPC-01
Product Dimensions	9.63 x 12.48 x 12 cm
Weight	280 grams
Material	Metal
Finish	Polished Chrome
Style	Fixed Fire Rated GU10 Downlight / IP65 Rated
Lamp Holder	GU10
Max Wattage	35W (Bulb not included)
IP Rating	IP65 (Suitable for bathrooms Zone 1 & 2)
Ceiling Cut-out Diameter	72mm (approx.)

### 5. SETUP AND INSTALLATION

**Important:** Installation should only be performed by a qualified electrician. Ensure power is disconnected before starting.

1. **Prepare the Ceiling:**

Using an appropriate hole saw, cut a circular opening in the ceiling with a diameter of approximately 72mm. Ensure there is sufficient vertical clearance in the ceiling void for the downlight's housing (approx. 12cm depth).

2. **Wiring:**

The downlight features tool-free access and loop-in loop-out terminals. Carefully strip the insulation from the live, neutral, and earth wires of your mains supply. Insert the wires into the corresponding push-fit terminals (Live, Neutral, Earth). Ensure a secure connection for all wires, especially the earth wire, due to the metal casing.



**Figure 2:** Downlight Rear View with Wiring Terminals

This image displays the rear of the downlight, highlighting the black cylindrical housing, the spring-loaded clips for ceiling retention, and the push-fit wiring terminals for electrical connection.

### 3. Insert GU10 Bulb:

Before inserting the downlight into the ceiling, insert a GU10 bulb (not supplied) into the lamp holder. Align the two pins of the GU10 bulb with the slots in the lamp holder, push gently, and twist clockwise to secure it. Ensure the bulb length is within the 50-60mm limit.

### 4. Install Downlight into Ceiling:

Fold back the spring clips on the sides of the downlight housing. Carefully push the downlight into the prepared ceiling opening until the spring clips engage and hold the fitting securely in place. Ensure the rubber gasket is properly seated to maintain the IP65 rating.

### 5. Attach Bezel:

The polished chrome bezel is secured by a twist mechanism. Align the bezel with the main housing and twist clockwise until it clicks securely into place. Ensure it is flush with the ceiling surface.



**Figure 3:** Polished Chrome Bezel

This image shows the separate polished chrome bezel, which is the visible trim of the downlight once installed. It features a smooth, reflective surface and a textured edge for grip during installation.

### 6. Restore Power:

Once installation is complete and all connections are secure, restore power at the consumer unit/fuse box.

## 6. OPERATING INSTRUCTIONS

The Luceco LED IP65 Fire Rated GU10 Downlight operates via your standard wall light switch. Simply toggle the switch to turn the light on or off.

## 7. MAINTENANCE

- **Cleaning:** Ensure power is off before cleaning. Wipe the polished chrome bezel with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Bulb Replacement:**
  - a. Switch off the main power supply.
  - b. Carefully twist the polished chrome bezel counter-clockwise to remove it from the main housing.
  - c. Gently push the GU10 bulb upwards and twist counter-clockwise to remove it from the lamp holder.
  - d. Insert a new GU10 bulb (max 35W, max length 50-60mm) by aligning the pins, pushing, and twisting clockwise.
  - e. Reattach the bezel by aligning and twisting clockwise until secure.
  - f. Restore power.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none"><li>◦ No power to the circuit.</li><li>◦ Faulty bulb.</li><li>◦ Loose wiring connection.</li></ul>	<ul style="list-style-type: none"><li>◦ Check circuit breaker/fuse.</li><li>◦ Replace GU10 bulb.</li><li>◦ Switch off power and check wiring connections. Consult a qualified electrician if unsure.</li></ul>
Bezel does not sit flush.	<ul style="list-style-type: none"><li>◦ Incorrectly aligned.</li><li>◦ Obstruction.</li></ul>	<ul style="list-style-type: none"><li>◦ Remove and re-align the bezel, twisting clockwise until secure.</li><li>◦ Check for any debris or misaligned components.</li></ul>

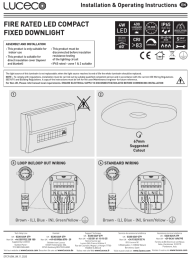
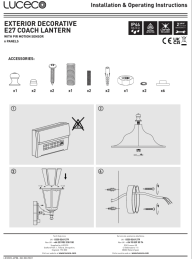
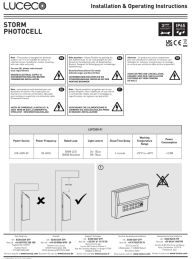
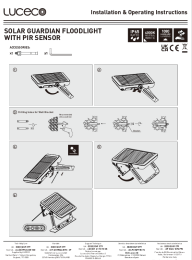

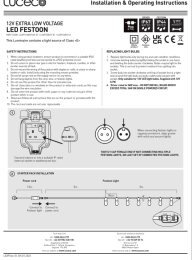
## 9. RECYCLING INFORMATION

This product falls under the Waste Electrical and Electronic Equipment (WEEE) directive. Do not dispose of electrical products with household waste. Please recycle where facilities exist. Check with your local authority for recycling advice. For information on recycling light bulbs and how to clean up broken lamps, please refer to local guidelines or official recycling resources.

## 10. WARRANTY AND SUPPORT

Luceco products are manufactured to high standards and are designed for durability. For specific warranty details or technical support, please refer to the warranty card included with your purchase or visit the official Luceco website. Keep your proof of purchase for warranty claims.

### Related Documents - EFDGUIPPC-01

 <p><b>Luceco FIRE RATED LED COMPACT FIXED DOWNLIGHT</b></p> <p>Installation &amp; Operating Instructions</p> <p>Comprehensive installation and operating instructions for the Luceco FIRE RATED LED COMPACT FIXED DOWNLIGHT. Includes assembly, wiring, dimensions, insulation requirements, and contact information.</p>	<p><a href="#">Luceco FIRE RATED LED COMPACT FIXED DOWNLIGHT Installation Guide</a></p> <p>Comprehensive installation and operating instructions for the Luceco FIRE RATED LED COMPACT FIXED DOWNLIGHT. Includes assembly, wiring, dimensions, insulation requirements, and contact information.</p>
 <p><b>Luceco EXTERIOR DECORATIVE E27 COACH LANTERN</b></p> <p>Installation &amp; Operating Instructions</p> <p>Comprehensive installation and operating instructions for the Luceco Exterior Decorative E27 Coach Lantern, featuring a PIR motion sensor. Includes accessory list, step-by-step guidance, and technical support information.</p>	<p><a href="#">Luceco Exterior Decorative E27 Coach Lantern with PIR Motion Sensor - Installation &amp; Operating Instructions</a></p> <p>Comprehensive installation and operating instructions for the Luceco Exterior Decorative E27 Coach Lantern, featuring a PIR motion sensor. Includes accessory list, step-by-step guidance, and technical support information.</p>
 <p><b>Luceco STORM PHOTOCELL</b></p> <p>Installation &amp; Operating Instructions</p> <p>Comprehensive installation and operating guide for the Luceco Storm Photocell (LSPC500-01). This IP65 rated outdoor light sensor is designed for domestic use and features a 3-year warranty. Includes technical specifications, step-by-step installation instructions with diagram descriptions, and contact information.</p>	<p><a href="#">Luceco Storm Photocell LSPC500-01 Installation and Operating Instructions</a></p> <p>Comprehensive installation and operating guide for the Luceco Storm Photocell (LSPC500-01). This IP65 rated outdoor light sensor is designed for domestic use and features a 3-year warranty. Includes technical specifications, step-by-step installation instructions with diagram descriptions, and contact information.</p>
 <p><b>Luceco SOLAR GUARDIAN FLOODLIGHT WITH PIR SENSOR</b></p> <p>Installation &amp; Operating Instructions</p> <p>Comprehensive guide for installing and operating the LUCECO Solar Guardian Floodlight with PIR Sensor. Features include solar power, motion detection, IP65 rating, and multiple working modes.</p>	<p><a href="#">Luceco Solar Guardian Floodlight with PIR Sensor: Installation &amp; Operating Guide</a></p> <p>Comprehensive guide for installing and operating the LUCECO Solar Guardian Floodlight with PIR Sensor. Features include solar power, motion detection, IP65 rating, and multiple working modes.</p>
 <p><b>Luceco PROJECTEUR LED PORTATIF 50W</b></p> <p>Instructions d'installation et d'utilisation</p> <p>Guide complet pour l'installation et l'utilisation du projecteur LED portatif 50W Luceco. Inclut les références LW50BG2 et LW50BG2J, informations de montage, fonctionnement et garantie.</p>	<p><a href="#">Instructions d'installation et d'utilisation du Projecteur LED Portatif 50W Luceco (LW50BG2, LW50BG2J)</a></p> <p>Guide complet pour l'installation et l'utilisation du projecteur LED portatif 50W Luceco. Inclut les références LW50BG2 et LW50BG2J, informations de montage, fonctionnement et garantie.</p>
 <p><b>Luceco 12V EXTRA LOW VOLTAGE LED FESTOON</b></p> <p>Installation &amp; Operating Instructions</p> <p>Get detailed installation and operating instructions for Luceco 12V Extra Low Voltage LED Festoon lights (LEXFS10B27UK-01, LEXFS5B27-01, LEXFS3EX-01). Learn about safety, bulb replacement, and connection methods for your outdoor lighting.</p>	<p><a href="#">Luceco 12V LED Festoon Lights Installation &amp; Operating Instructions   LEXFS Series</a></p> <p>Get detailed installation and operating instructions for Luceco 12V Extra Low Voltage LED Festoon lights (LEXFS10B27UK-01, LEXFS5B27-01, LEXFS3EX-01). Learn about safety, bulb replacement, and connection methods for your outdoor lighting.</p>