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> [Ledvion IP65 Waterproof LED Batten Light, 150cm, 22W, 6500K Cool White User Manual](#)

Ledvion LV30015-6500K

Ledvion IP65 Waterproof LED Batten Light

Model: LV30015-6500K

1. INTRODUCTION

Thank you for choosing the Ledvion IP65 Waterproof LED Batten Light. This high-quality lighting fixture is designed for versatile use in both indoor and outdoor environments, providing efficient and reliable illumination. Its robust construction ensures protection against dust, water, and impacts, making it ideal for demanding applications such as garages, basements, and warehouses. This manual provides essential information for safe installation, operation, and maintenance of your new LED batten light.

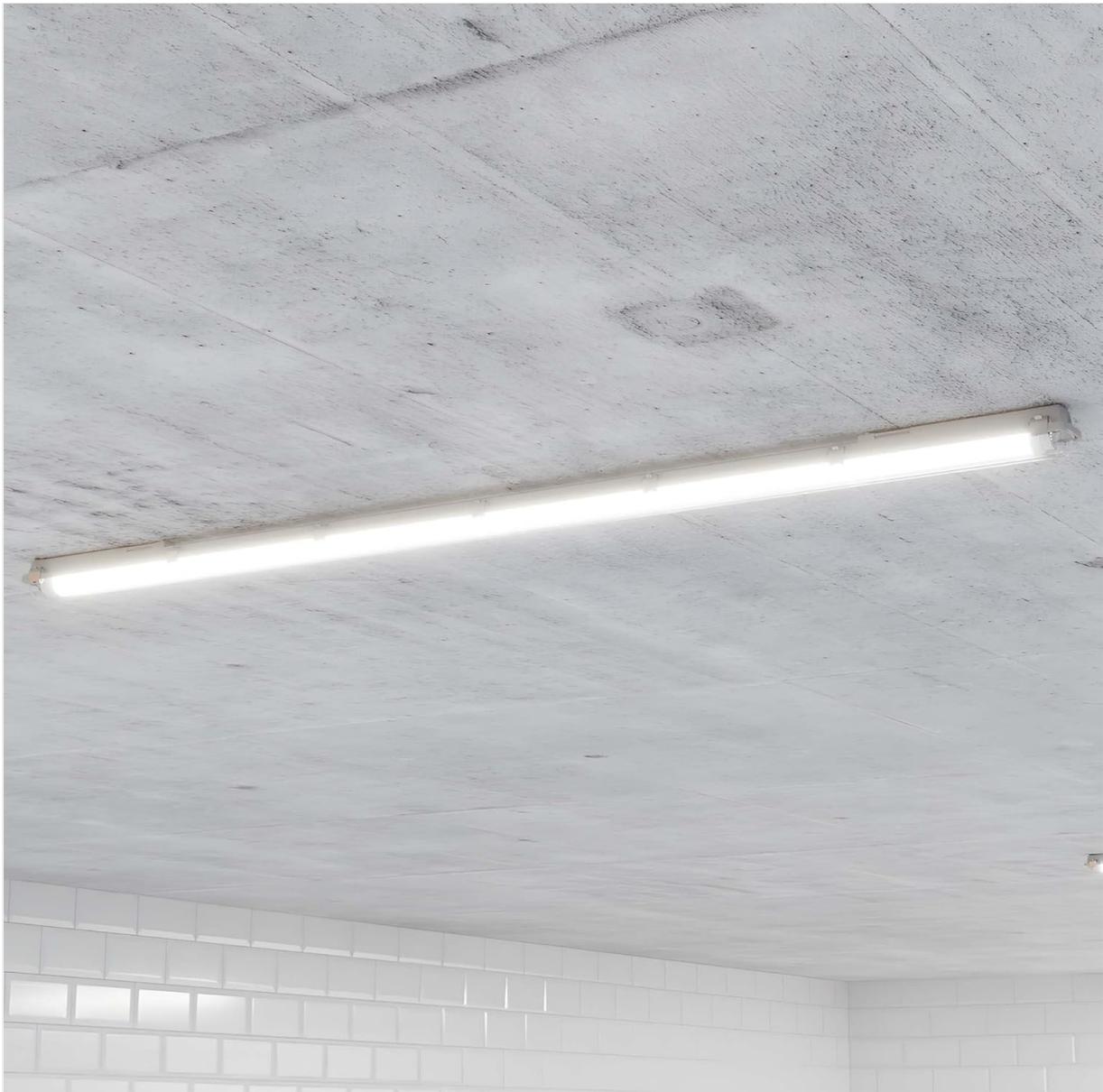


Image 1.1: Ledvion IP65 Waterproof LED Batten Light installed on a ceiling, providing bright, uniform illumination.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Installation should only be performed by a qualified electrician or competent person in accordance with local electrical codes and regulations. Ensure the power supply is disconnected before any installation, maintenance, or repair work.
- **Voltage:** Ensure the supply voltage matches the product's specified voltage (230 Volts).
- **Mounting:** Mount the fixture securely on a stable surface. Do not install on surfaces that are not structurally sound.
- **Environment:** This fixture is rated IP65 for dust and water resistance and IK06 for impact protection. While suitable for damp and dusty environments, avoid direct submersion in water or exposure to extremely corrosive substances.
- **Heat:** Do not cover the fixture with insulating material. Ensure adequate ventilation around the fixture to prevent overheating.
- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

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

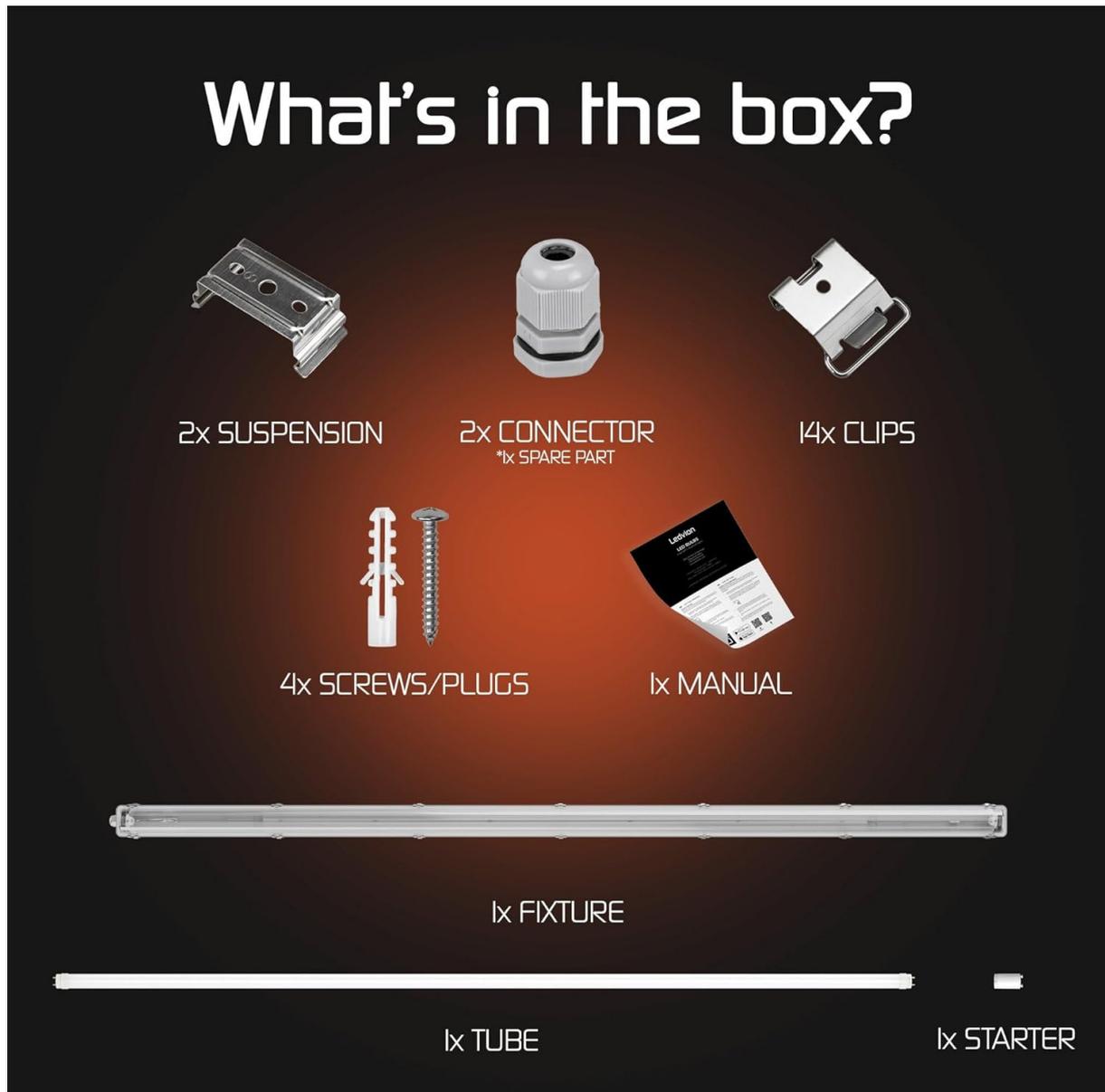


Image 3.1: Contents of the product package.

- 1x LED Batten Light Fixture
- 1x LED Tube (150cm, 22W, 6500K)
- 1x Starter
- 2x Suspension Brackets
- 2x Connectors (1x spare part)
- 14x Mounting Clips (Stainless Steel)
- 4x Screws/Wall Plugs
- 1x Instruction Manual

4. SETUP AND INSTALLATION

This LED batten light is designed for straightforward installation. Follow these steps carefully.

4.1 Preparation

- **Disconnect Power:** Always ensure the main power supply to the installation area is switched off at the circuit breaker before beginning any work.
- **Choose Location:** Select a suitable mounting location. The fixture is IP65 rated, making it suitable for damp and dusty environments.
- **Marking:** Use the fixture or suspension brackets to mark the drilling points on the ceiling or wall.

4.2 Mounting the Fixture

1. Drill holes at the marked positions. Insert the wall plugs into the drilled holes.
2. Attach the suspension brackets or mounting clips to the surface using the provided screws. Ensure they are securely fastened.
3. Carefully attach the LED batten light fixture to the mounted brackets/clips.

4.3 Electrical Connection

1. Open the wiring compartment of the fixture.
2. Connect the main power supply cables to the terminal block inside the fixture. Ensure correct polarity (Live, Neutral, Earth). Use the provided connectors for a secure connection.
3. Close the wiring compartment securely, ensuring the IP65 seal is maintained.

4.4 Installing the LED Tube

1. Insert the provided LED tube into the fixture's lamp holders. Ensure it is firmly seated.
2. Insert the starter into its designated slot.

Waterproof & Dust resistant



IP65
RATING



Image 4.1: The IP65 rating ensures protection against dust and water ingress.

Protected against impacts



Image 4.2: The IK06 impact rating provides durability in demanding environments.

Warranty of 2 years



STAINLESS
STEEL CLIPS



ABS
HOUSING

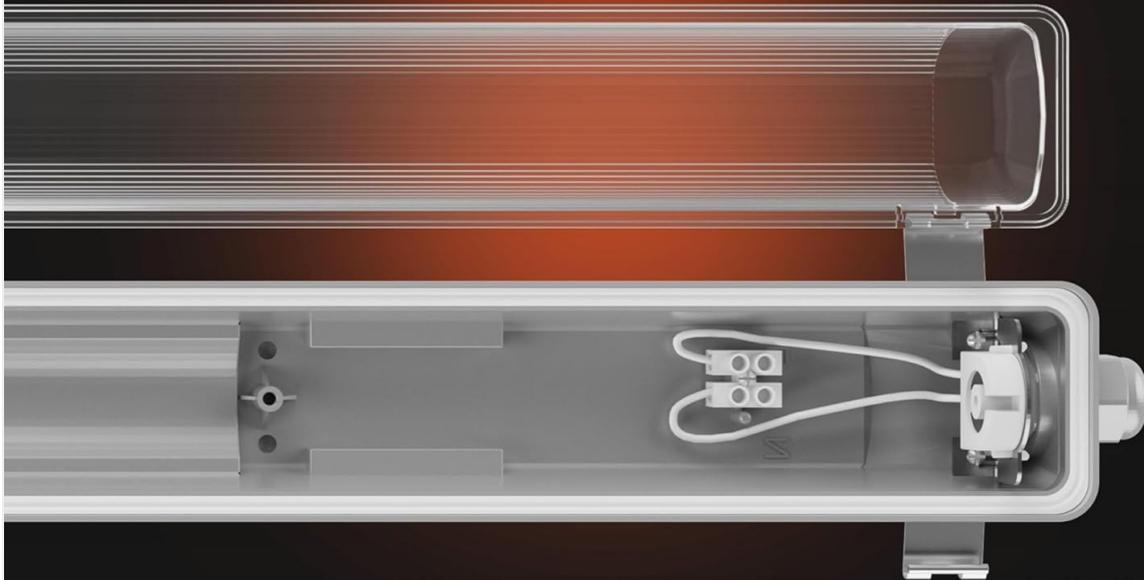


Image 4.3: The robust ABS housing and stainless steel clips ensure long-term reliability.

5. OPERATING INSTRUCTIONS

Once installed and connected, operating the Ledvion LED Batten Light is simple.

- **Power On:** Restore power to the circuit at the main breaker.
- **Switch On/Off:** Use the wall switch connected to the fixture to turn the light on or off.

Flicker Free LED Tube included



6500
KELVIN



NATURAL
LIGHT

Image 5.1: The included LED tube provides flicker-free 6500K cool white light.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your LED batten light.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth. Do not use harsh chemicals or abrasive materials. Ensure power is disconnected before cleaning.
- **Inspection:** Annually inspect the fixture for any signs of damage, loose connections, or wear. Pay attention to the integrity of the IP65 seals.
- **LED Tube Replacement:** While LED tubes have a long lifespan, if replacement is necessary, ensure the power is off. Replace with a compatible LED TL tube of the same length and wattage.

7. TROUBLESHOOTING

If you encounter issues with your Ledvion LED Batten Light, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Faulty LED tube or starter.	Check circuit breaker and wall switch. Verify all electrical connections are secure (ensure power is off). Replace LED tube or starter with a known working one.
Light flickers.	Loose connection. Incompatible LED tube/starter. Unstable power supply.	Check all connections (ensure power is off). Ensure correct LED tube and starter are used. Consult an electrician to check power supply stability.
Reduced brightness.	Dust accumulation on diffuser. Aging LED tube.	Clean the diffuser (ensure power is off). Consider replacing the LED tube.

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Ledvion IP65 Waterproof LED Batten Light.

Feature	Specification
Brand	Ledvion
Model Number	LV30015-6500K
Product Dimensions	157 x 12 x 7 cm
Weight	1.28 kg
Material	Acrylonitrile Butadiene Styrene (ABS)
Style	Batten Fixture
Color Temperature	6500K (Cool White)
Voltage	230 Volts
Wattage	22 Watts
Luminous Flux	Up to 2400 Lumens (100 lm/W)
Bulb Type	LED
Bulb Base	G13
Special Features	Water and Dust Resistant (IP65), Impact Protected (IK06)
Power Source	Corded Electric
Country of Origin	China

0.6mm



1500mm



1572mm



Image 8.1: Product dimensions.

8.1 Energy Efficiency

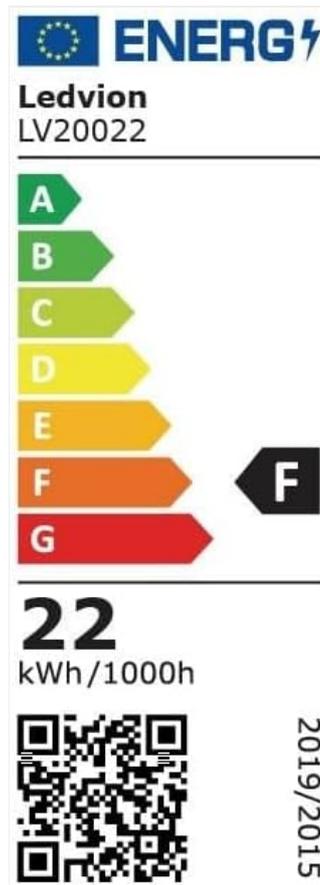


Image 8.2: Energy label for the Ledvion LED Batten Light.

For more details on the energy efficiency, please refer to the official EU EPREL database:
<https://eprel.ec.europa.eu/qr/2144136>

9. WARRANTY AND SUPPORT

The Ledvion IP65 Waterproof LED Batten Light comes with a **2-year warranty** from the date of purchase, covering manufacturing defects and material faults under normal use conditions.

For warranty claims, technical support, or any inquiries regarding your product, please contact your retailer or Ledvion customer service. Please have your purchase receipt and product model number (LV30015-6500K) available when contacting support.