

## Ledvion LVE10005

# Ledvion LED Emergency Light with Battery

Model: LVE10005 | Brand: Ledvion

## 1. INTRODUCTION

This instruction manual provides essential information for the safe and efficient use of your Ledvion LED Emergency Light, Model LVE10005. This 6-watt emergency light is designed to provide reliable illumination during power outages, featuring a bright 6500 Kelvin light output, a 3-hour battery backup, and robust construction with IK07 impact resistance and IP65 water protection. Please read this manual thoroughly before installation and operation.

## 2. SAFETY INFORMATION

- Ensure the power supply is disconnected before any installation, maintenance, or repair work.
- Installation should be performed by a qualified electrician in accordance with local electrical codes and regulations.
- Do not open or modify the device. Unauthorized modifications will void the warranty and may pose a safety risk.
- The product is rated IK07 for impact resistance, meaning it is protected against impacts of up to 2 joules.
- The product is rated IP65 for ingress protection, indicating it is dust-tight and protected against water jets from any direction. This makes it suitable for outdoor environments. However, please note that some packaging may state 'indoor use only'; always ensure the installation environment is appropriate for the product's full capabilities.
- Keep the device away from flammable materials.

## 3. PACKAGE CONTENTS

Verify that all components are present in the package:

# WHAT'S IN THE BOX

SKU: LVE10005



**1x** Emergency spot



**1x** Mounting Frame



**1x** Accessoires



**2x** Screw wall plugs



**2x** Screws



**1x** Mounting Clip



**1x** Screw



**1x** Manual

Image: 'What's in the Box' showing all included components.

- 1x Emergency Spot Light
- 1x Mounting Frame
- 1x Accessories (Spring clips, plastic clips)
- 2x Screw Wall Plugs
- 2x Screws
- 1x Mounting Clip
- 1x Screw (additional)
- 1x Instruction Manual

## 4. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	Ledvion
Model Number	LVE10005
Power Consumption	6 Watts
Light Output	300 Lumens
Color Temperature	6500 Kelvin (Bright White)
Frequency	50/60 Hz (Flicker-free)
Emergency Battery Life	3 hours
Battery Charging Time	24 hours
Battery Capacity	2200mAh
Impact Protection Rating	IK07
Ingress Protection Rating	IP65 (Dust-tight, protected against water jets)
Material	Glass, Painted/Coated
Mounting Options	Recessed or Surface-Mounted
Product Dimensions (Approx.)	Ø 142.5 mm (Diameter), 48 mm (Recessed Depth), 47.5 mm (Surface Mount Depth)
Specific Uses	Office, Warehouse, General Emergency Lighting



Image: Product dimensions showing diameter and depth for mounting.

## 5. SETUP AND INSTALLATION

The Ledvion LED Emergency Light can be installed as either a recessed or surface-mounted fixture. The necessary mounting hardware is included.



Image: Illustration of built-in (recessed) and surface-mounted installation methods.

### 5.1 Recessed Installation

1. Ensure power is off at the main circuit breaker.
2. Cut a circular hole in the ceiling or wall with the appropriate diameter (refer to specifications for exact dimensions, approximately 142.5 mm).
3. Connect the electrical wiring (230V) to the light fixture. Ensure correct polarity.
4. Fold back the spring clips on the side of the light fixture and insert the fixture into the prepared hole. The clips will secure the light in place.
5. Restore power and test the light.

### 5.2 Surface-Mounted Installation

1. Ensure power is off at the main circuit breaker.
2. Attach the mounting frame to the desired surface (ceiling or wall) using the provided screws and wall plugs.
3. Connect the electrical wiring (230V) to the light fixture. Ensure correct polarity.
4. Secure the light fixture into the mounting frame.
5. Restore power and test the light.

The emergency light is suitable for plasterboard or suspended ceiling systems.



  
**IP20**  
RATING

# SUITABLE FOR INDOOR USE

The emergency light is suitable for plasterboard  
or suspended ceiling systems

 IP20-RATING

 ENERGY-EFFICIENT

**Ledvion**

Image: The emergency light shown installed, emphasizing its energy efficiency.

## 6. OPERATING INSTRUCTIONS

The Ledvion LED Emergency Light operates automatically once properly installed and connected to a continuous power supply.

### 6.1 Normal Operation

When connected to mains power, the light will charge its internal 2200mAh battery. A green LED indicator on the unit confirms that the light is receiving power and the battery is charging. The light itself will remain off unless activated by a power outage or the

self-test function.



Image: Self-test function button and green LED indicator.

## 6.2 Emergency Mode

In the event of a power failure, the emergency light will automatically switch on, powered by its internal battery. It will provide bright white illumination (6500K) for approximately 3 hours. Once mains power is restored, the light will turn off and begin recharging its battery. A full recharge takes approximately 24 hours.

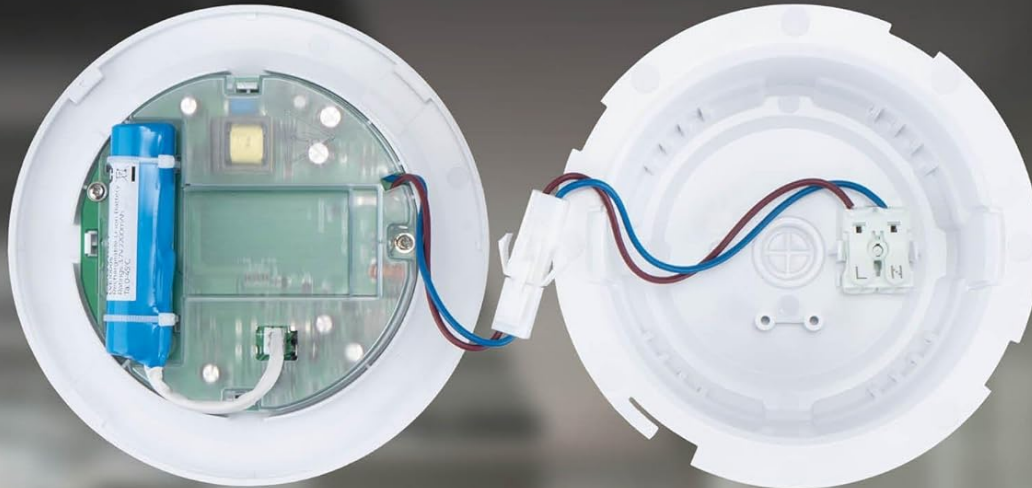




2200mAh  
BATTERY

# PROFESSIONAL EMERGENCY LIGHTING

The emergency light has a 2200mAh battery which ensures a long lifespan



24H CHARGING TIME

2,5HRS EMERGENCY  
OPERATING TIME

Ledvion

Image: Internal components highlighting the 2200mAh battery, 24-hour charging time, and 2.5-hour emergency operating time.

## 6.3 Self-Test Function

The emergency light is equipped with a self-test function. Press the 'TEST' button on the unit to manually activate the emergency light and verify its functionality. This feature replaces the need for manual monthly and annual tests, ensuring the unit is always ready.

## 7. MAINTENANCE

- **Cleaning:** Clean the exterior of the light with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** The internal battery is designed for long-term use. To maintain optimal battery health, ensure the unit is regularly connected to mains power to allow for charging.
- **Self-Test:** Utilize the self-test function periodically to confirm the battery and light are operating correctly.
- **Inspection:** Periodically inspect the light for any signs of damage or wear. If damage is found, disconnect power and contact customer support.



## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on during power outage.	Battery not charged or faulty.	Ensure the unit has been connected to mains power for at least 24 hours to fully charge the battery. If problem persists, contact support.
Green LED indicator is off when mains power is on.	No mains power, loose connection, or internal fault.	Check the circuit breaker and power supply. Verify all electrical connections are secure. If issue continues, contact support.
Light flickers or is dim.	Low battery charge or component failure.	Allow the battery to fully charge. If flickering persists, contact support.
Self-test function does not work.	Internal fault.	Contact customer support for assistance.

For issues not listed above, or if troubleshooting steps do not resolve the problem, please contact Ledvion customer support.

## 9. WARRANTY AND SUPPORT

Ledvion products are manufactured to high-quality standards. This product comes with a warranty against defects in materials and workmanship under normal use. Any changes or modifications to the product will void the warranty.

For warranty claims or technical support, please contact:

**Ledvion B.V.**

Edisonstraat 20B

5051 DS Goirle

The Netherlands

Please retain your proof of purchase for warranty purposes.



Image: Product packaging displaying compliance marks and manufacturer information.

