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## Beghelli 8106/11

# Beghelli 1499L 11W Slim Emergency Lamp

## INSTRUCTION MANUAL (MODEL 8106/11)

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### 1. Introduction

This manual provides essential instructions for the safe installation, operation, and maintenance of your Beghelli 1499L 11W Slim Emergency Lamp, Model 8106/11. This energy-efficient, battery-powered LED lamp is designed to provide reliable emergency lighting, particularly for outdoor ceiling-mounted applications. Please read this manual thoroughly before installation and use, and retain it for future reference.



Figure 1: Beghelli 1499L 11W Slim Emergency Lamp. This image shows the white rectangular lamp unit with its black mounting base, designed for discreet installation.

## 2. Safety Information

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Always observe the following safety precautions to prevent injury or damage to the product:

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure power is disconnected before any installation or maintenance.
- **Product Integrity:** Do not modify or disassemble the lamp. Any unauthorized modifications will void the warranty and may pose a safety risk.
- **Environmental Conditions:** This lamp is designed for outdoor use. Ensure it is installed in a location protected from extreme weather conditions beyond its IP rating (if specified, otherwise assume standard outdoor protection).
- **Battery Handling:** The lamp contains a battery. Do not expose the battery to excessive heat, fire, or puncture. Dispose of batteries according to local regulations.
- **Mounting:** Ensure the mounting surface is structurally sound and can support the weight of the lamp.

## 3. Setup and Installation

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Follow these steps for proper installation:

1. **Unpacking:** Carefully remove the emergency lamp and all components from the packaging. Inspect for any signs of damage. If damaged, do not proceed with installation and contact your supplier.
2. **Tools Required:** Gather necessary tools, which typically include a drill, screwdriver, wire strippers, and appropriate mounting hardware (not always included).
3. **Mounting Location:** Select a suitable outdoor ceiling location for installation. Ensure the area is clear and provides adequate illumination coverage when the lamp is active. The lamp is designed for ceiling mounting.
4. **Power Disconnection:** *Before beginning any electrical work, ensure the main power supply to the installation area is completely disconnected at the circuit breaker.*
5. **Mounting the Base:** Securely attach the lamp's mounting base to the chosen ceiling location using appropriate screws and anchors. Ensure the base is firmly fixed.
6. **Electrical Connection:** Connect the lamp's wiring to the building's electrical supply according to the wiring diagram provided with the product (if applicable) and local electrical codes. This lamp is battery-powered, but requires a constant power supply for charging and automatic operation.
7. **Lamp Attachment:** Once wiring is complete and secure, attach the main lamp unit to the mounted base. Ensure it clicks or locks into place firmly.
8. **Initial Charge:** After installation, restore power to the circuit. The lamp will begin charging its internal battery. Allow at least 24 hours for the battery to achieve a full charge before conducting the first operational test.

## 4. Operation

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The Beghelli 1499L 11W Slim Emergency Lamp operates automatically:

- **Normal Mode:** When the main power supply is active, the lamp's battery charges, and the lamp remains off (or in standby, depending on configuration).
- **Emergency Mode:** In the event of a power outage, the lamp will automatically switch on, utilizing its internal battery to provide emergency illumination. The lamp is designed to provide light for approximately 8 hours on a full charge.

- **Test Function:** The lamp features a tactile switch, typically used for testing the battery and lamp functionality. Press and hold this switch to temporarily simulate a power outage and verify the lamp illuminates. Release the switch to return to normal operation. Perform this test monthly.

## 5. Maintenance

Regular maintenance ensures optimal performance and longevity:

- **Cleaning:** Periodically clean the lamp's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the lamp is dry before restoring power.
- **Monthly Testing:** Conduct a monthly functional test using the tactile switch to ensure the lamp activates and provides light.
- **Annual Discharge Test:** Annually, disconnect the main power supply to the lamp for a full discharge test. Allow the lamp to operate on battery power until it fully discharges. Reconnect power and allow 24 hours for a full recharge. This helps maintain battery health.
- **Battery Replacement:** The internal battery has a limited lifespan. If the lamp fails to hold a charge or provides significantly reduced illumination time, the battery may need replacement. Due to the specialized nature, contact a qualified technician for battery replacement. Information on spare parts availability is not provided.

## 6. Troubleshooting

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Lamp does not illuminate during power outage.	<ul style="list-style-type: none"> <li>◦ No power to the unit.</li> <li>◦ Battery not charged.</li> <li>◦ Faulty battery.</li> <li>◦ Internal wiring issue.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Check circuit breaker and wiring connections.</li> <li>◦ Allow 24 hours for initial charge.</li> <li>◦ Perform a test using the tactile switch. If it still fails, battery may need replacement.</li> <li>◦ Contact a qualified technician.</li> </ul>
Lamp illuminates for a short duration only.	<ul style="list-style-type: none"> <li>◦ Battery not fully charged.</li> <li>◦ Battery nearing end of life.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure continuous power supply for charging.</li> <li>◦ Perform an annual discharge test. If performance does not improve, battery may need replacement.</li> </ul>
Lamp remains on constantly.	<ul style="list-style-type: none"> <li>◦ Constant power outage.</li> <li>◦ Internal fault.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Check main power supply to the building.</li> <li>◦ Disconnect power, wait a few minutes, then reconnect. If issue persists, contact a qualified technician.</li> </ul>

## 7. Specifications

Feature	Detail
Brand	Beghelli
Model Number	8106/11
Dimensions (L x W x H)	21 x 11 x 30 cm
Weight	570 grams
Material	Aluminum
Color	White
Style	Modern
Finish Type	Lacquered
Light Source Type	LED
Power Source	Battery Powered (with mains charging)
Emergency Operation Duration	Approximately 8 hours
Switch Style	Tactile (for testing)
Installation Type	Ceiling Mount
Usage Environment	Outdoor
Energy Efficiency	High Energy Efficiency

## 8. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Information regarding the availability of spare parts for this product is not explicitly provided. For technical support or service inquiries, please contact Beghelli customer service or your authorized dealer.