

Beghelli BEG8582

Beghelli TICINQUE IP65 545 18SE3P Emergency Light User Manual

Model: **BEG8582**

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Beghelli TICINQUE IP65 545 18SE3P Emergency Light, model BEG8582. This device is designed for emergency lighting and safety signaling, featuring autonomous operation with long-lasting LED sources. Key features include:

- Emergency lighting and safety signaling.
- Autonomous emergency lighting fixtures with non-replaceable integrated LED sources.

2. SAFETY INFORMATION

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

- Ensure power is disconnected before installation or maintenance.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Do not modify the product in any way.
- Keep away from flammable materials.
- The product is rated IP65 for protection against dust and water jets, and IK07 for impact resistance.

3. PRODUCT OVERVIEW

The Beghelli TICINQUE IP65 545 18SE3P is an autonomous emergency lighting fixture. It is available in Non-Permanent (SE) or Permanent (SA) types.

Components:

- **Body:** Made of thermoplastic material (EN 60598-1 cl 13, UL94-V2), white color (RAL9003). Equipped with cable entries on each of the four sides.
- **Optics:** Symmetrical diffusing, made of injection-molded thermoplastic material, white color

(RAL9003). Fixed to the body with snap hooks operable with a tool.

- **Diffuser:** Made of injection-molded thermoplastic material, highly resistant and transparent. Smooth surfaces for easy cleaning.
- **Power Supply:** Integrated electronic type, consisting of a battery charger section, constant current generator, and control unit. Complies with EN61347-2-7 and 61347-2-13 requirements. The constant current output section ensures constant luminous flux.
- **Battery:** Pb (EN61056-1 Hermetic Rechargeable).
- **Light Sources:** Integrated non-replaceable LED modules; color temperature 4000K or higher; declared minimum life 50000h /L80B20. Photobiological risk (acc. EN62471) 0 or 1.



Figure 3.1: Front view of the Beghelli TICINQUE IP65 545 18SE3P emergency light. The fixture is a long, rectangular unit with a clear, transparent diffuser covering the internal light source. It features a sleek, minimalist design suitable for various indoor and outdoor installations.

4. SETUP AND INSTALLATION

The Beghelli TICINQUE IP65 545 18SE3P is suitable for direct installation on normally flammable surfaces. Cable entry is direct without the need for tools.

Installation Steps:

1. **Preparation:** Ensure the power supply to the installation area is turned off at the main circuit breaker.
2. **Mounting Location:** Choose a suitable location on a wall or ceiling. The product is designed for wall or ceiling mounting.
3. **Mounting the Body:** Secure the thermoplastic body to the chosen surface using appropriate fasteners (not included). Ensure it is firmly attached.
4. **Cable Connection:** Utilize the cable entries located on each of the four sides of the body. Connect the electrical wiring directly without the need for special tools. Ensure all connections are secure and comply with local electrical regulations.
5. **Attaching Optics and Diffuser:** Once wiring is complete, attach the symmetrical diffusing optics. Then, secure the highly resistant and transparent diffuser to the body using the snap hooks. Ensure the diffuser is properly sealed to maintain the IP65 rating.
6. **Final Check:** Double-check all connections and ensure the fixture is securely mounted.

5. OPERATING INSTRUCTIONS

The Beghelli TICINQUE IP65 545 18SE3P operates autonomously. Once installed and connected to the power supply, it will automatically charge its internal battery and activate in case of a power outage.

Operation Modes:

- **Non-Permanent (SE):** The light source is normally off and only activates when the main power supply fails.
- **Permanent (SA):** The light source is continuously on and remains on during a power failure, powered by the internal battery.

The integrated electronic power supply ensures a constant luminous flux during operation, whether on main power or battery backup.

The touch-style switch allows for basic control, likely for testing or mode selection, though specific functions are not detailed. Refer to the product's specific wiring diagram for advanced control options.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Beghelli emergency light.

General Maintenance:

- **Cleaning:** The diffuser has smooth surfaces for easy cleaning. Use a soft, damp cloth to wipe down the exterior. Do not use abrasive cleaners or solvents.
- **Battery Check:** Periodically check the battery status. While the battery is hermetic and rechargeable, its lifespan is finite. Replace the battery if it no longer holds a charge or if the emergency light duration is significantly reduced.
- **Functionality Test:** Regularly test the emergency lighting function by simulating a power outage to ensure the unit activates correctly.

Important Information Regarding Lamps:

- **Lamp Recycling:** For information on recycling this and other types of lamps, please consult local recycling guidelines or visit relevant environmental protection agency websites.
- **Broken Lamps:** Learn more about how to clean up and dispose of broken or damaged lamps safely. Avoid direct contact with broken components.

7. TROUBLESHOOTING

If you encounter issues with your Beghelli emergency light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on during power outage.	Battery not charged or faulty; wiring issue.	Ensure unit has been connected to power for sufficient charging time. Check wiring connections. If problem persists, battery may need replacement.
Light remains on constantly (Non-Permanent type).	Incorrect wiring or internal fault.	Verify wiring according to the installation diagram. If wiring is correct, contact customer support.
Reduced emergency light duration.	Aging battery.	The battery may be nearing the end of its lifespan. Consider replacing the battery.

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

8. SPECIFICATIONS

Feature	Detail
Brand	Beghelli
Model Number	BEG8582
Product Dimensions	13.5 x 62.5 x 6.5 cm
Weight	1.84 kg
IP Rating	IP65
IK Rating (Impact Resistance)	IK07
Number of Lights	1
Style	Modern
Color	Grey
Material	Steel Alloy, Polycarbonate, Glass
Finish Type	Lacquered
Voltage	1.5 Volts
Additional Features	Impact resistant
Shade Color	White
Shade Material	Glass, Polycarbonate, or Steel Alloy
Light Direction	LED Technology
Power Source	Battery Powered
Switch Style	Touch
Switch Installation Type	Wall Mount
Battery Required	No (Integrated rechargeable battery)
Bulb Type	LED
Energy Efficiency Class (EU)	G
Luminous Flux	100 lumens
First Available Date	August 30, 2014

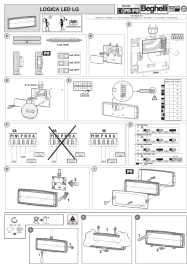
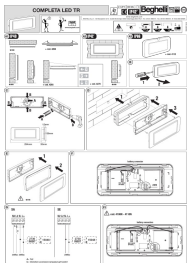

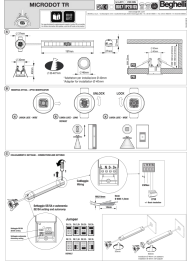
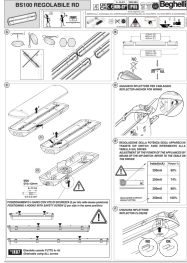
9. WHAT'S IN THE BOX

The product package includes the following:

- Emergency Ceiling Light Fixture (Plafoniera)

Note: Mounting hardware and additional tools are typically sold separately unless specified.

Related Documents - BEG8582

	<p>Beghelli Logica LED LG Emergency Lighting Fixture - Installation and Technical Manual</p> <p>A comprehensive guide to the Beghelli Logica LED LG emergency lighting fixture, covering installation, wiring, technical specifications, LED status indicators, and safety warnings. This manual provides essential information for installers and maintenance personnel.</p>
	<p>Beghelli Completa LED TR Emergency Luminaire Installation and Technical Guide</p> <p>Installation and technical guide for the Beghelli Completa LED TR emergency LED luminaire. Details IP ratings (IP40, IP42, IP66), wiring, model specifications, operation, and safety warnings.</p>
	<p>Beghelli Acciaio Industrial Luminaires Catalogue</p> <p>Comprehensive catalogue of Beghelli Acciaio industrial luminaires, featuring details on ATEX-compliant fixtures, LED emergency lighting, and energy-saving solutions for various industrial applications.</p>
	<p>Beghelli MICRODOT TR Emergency Light Installation and Settings Guide</p> <p>Detailed installation and configuration guide for the Beghelli MICRODOT TR emergency LED lighting fixture. Covers dimensions, wiring, jumper settings, technical specifications, and safety warnings.</p>
	<p>Beghelli BS100 Regolabile RD LED Luminaire Installation and Operation Manual</p> <p>Comprehensive guide for the Beghelli BS100 Regolabile RD LED luminaire, covering installation, wiring, power adjustment, and safety precautions. Includes multilingual instructions and technical specifications.</p>



[Beghelli Giornale - March-June 2020 Edition](#)

This edition of Beghelli Giornale features new products and offers from the Beghelli Group, including the Cloud Beghelli platform for managing lighting and emergency lighting systems, the Archieco emergency lighting line, and various lighting fixtures like LED panels, floodlights, and strip LEDs.