Philips Lighting ER55LD3WR

Philips Lighting ER55LD3WR LED Exit Sign User Manual

Model: ER55LD3WR

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Philips Lighting ER55LD3WR LED Exit Sign. Please read these instructions carefully before installation and operation, and retain them for future reference. This product is designed for commercial lighting applications, specifically as a lighted exit sign.

SAFETY INFORMATION

- Always disconnect power before installing or servicing the unit.
- Installation should be performed by a qualified electrician in accordance with national and local electrical codes.
- Do not use this product for purposes other than its intended use.
- Ensure all connections are secure and properly insulated.
- Keep away from water and excessive moisture.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Philips Lighting ER55LD3WR LED Exit Sign unit
- Mounting hardware (screws, anchors)
- Instruction Manual (this document)

SETUP AND INSTALLATION

The Philips Lighting ER55LD3WR LED Exit Sign is designed for wall mounting. Ensure the mounting surface is suitable to support the weight of the unit.

1. **Prepare the Installation Area:** Disconnect power to the circuit where the exit sign will be installed.

2. **Mounting:**

   - Identify the desired wall mounting location.
   - Use the provided mounting hardware to securely attach the exit sign to the wall. Ensure the unit is level.

3. **Wiring:**

   - Connect the building's 120V AC power supply to the corresponding wires on the exit sign. Refer to the wiring diagram inside the unit's housing for specific connections.
   - Ensure proper grounding.
   - Connect the internal battery (if not pre-connected). This is crucial for emergency operation.

4. **Final Assembly:** Secure any covers or diffusers.

Figure 1: Front view of the Philips Lighting ER55LD3WR LED Exit Sign. This image shows the white housing with the red "EXIT" lettering illuminated, indicating its primary function as an emergency egress indicator.

OPERATING INSTRUCTIONS

Once installed and power is restored, the Philips Lighting ER55LD3WR LED Exit Sign will operate automatically.

- **Normal Operation:** When AC power is present, the "EXIT" sign will be illuminated by the internal LEDs. The green indicator light on the unit will be ON, signifying operating status.
- **Emergency Operation:** In the event of an AC power failure, the unit will automatically switch to battery backup, illuminating the "EXIT" sign for a specified duration (typically 90 minutes).
- **Test Button:** A test button is provided on the unit to verify emergency operation. Press and hold the "Push to Test" button to simulate an AC power failure. The sign should remain illuminated, and the green indicator light will blink, indicating testing. Release the button to return to normal operation.
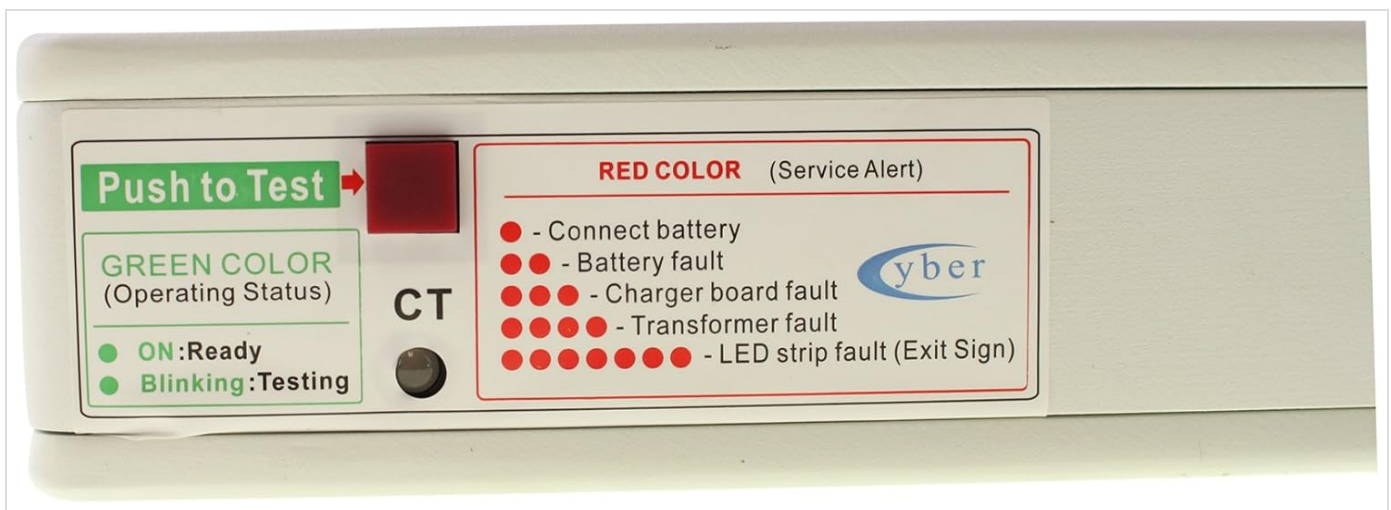
Figure 2: Close-up view of the test button and indicator lights on the Philips Lighting ER55LD3WR LED Exit Sign. The green indicator shows operating status (ON for ready, Blinking for testing). The red indicator shows service alerts such as battery, charger board, transformer, or LED strip faults.

MAINTENANCE

Regular maintenance ensures the reliability and longevity of your LED Exit Sign.

- **Monthly Test:** Press the "Push to Test" button for at least 30 seconds to ensure the battery backup system is functioning. The sign should remain illuminated.
- **Annual Test:** Disconnect AC power to the unit for 90 minutes to verify the battery can sustain emergency illumination for the required duration.
- **Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** The internal battery has a limited lifespan. If the unit fails to hold a charge or the red "Battery fault" indicator illuminates, the battery may need replacement. Contact qualified service personnel for battery replacement.

TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Sign does not illuminate (AC power present)	No AC power; faulty wiring; LED strip fault	Check circuit breaker; verify wiring connections; contact service for LED replacement.
Sign does not illuminate during power outage (emergency mode)	Battery not connected; discharged battery; faulty battery; charger board fault	Ensure battery is connected; allow 24 hours for initial charge; replace battery; contact service for charger board repair.
Red Service Alert indicator is ON	Indicates battery, charger board, transformer, or LED strip fault (refer to unit label)	Identify specific fault from unit label; perform monthly/annual tests; contact qualified service personnel.
Green Operating Status indicator is OFF (AC power present)	No AC power; internal fault	Check AC power supply; contact qualified service personnel.

SPECIFICATIONS

Feature	Detail
Model Number	ER55LD3WR
Brand	Philips Lighting
Light Source Type	LED
Voltage	120 Volts
Power Source	Corded Electric
Mounting Type	Wall Mount
Material	Metal
Color	White
Product Dimensions	4.25 x 6.25 x 4.8 inches
Item Weight	4.98 pounds
UPC	781370410117

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Philips Lighting customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: Philips Lighting

Website: Visit the PHILIPS Store on Amazon

Related Documents - ER55LD3WR

Philips RoadForce BRP481 LED60 NW 33W DWL P7 0-10: High Power LED Luminaire Datasheet
Technical datasheet for the Philips RoadForce BRP481 LED60 NW 33W DWL P7 0-10, a high-efficiency LED luminaire with advanced features, specifications, and application data. Includes performance, mechanical, and electrical details.

Philips TubePoint: High-Performance Luminaire Range for Traffic Tunnels
Explore the Philips TubePoint luminaire range, engineered for efficient, cost-effective, and reliable lighting solutions in traffic tunnels. This product family leaflet details features, benefits, technical specifications, and model variations for optimal tunnel illumination.

		[Philips CoreLine Wall-Mounted LED Luminaires](#) Discover the Philips CoreLine Wall-Mounted LED luminaire, an innovative, easy-to-use, and high-quality lighting solution for various applications like corridors, staircases, and public entrances. This brochure details its features, benefits, technical specifications, and product information.
		[Philips OccuSwitch LRM1070/00 PIR Anwesenheitssensor Datenblatt](#) Datenblatt für den intelligenten Philips OccuSwitch LRM1070/00 Anwesenheitssensor. Bietet PIR-Technologie, tageslichtabhängige Schaltung, integriertes Relais und Deckeneinbau. Enthält technische Spezifikationen und Abmessungen.
		[Philips OccuSwitch LRM1070/00 Motion Detector and Light Switch](#) Discover the Philips OccuSwitch LRM1070/00, an intelligent motion detector with an integrated switch designed to save energy by automatically turning off lights in unoccupied rooms. Ideal for spaces up to 25 m², it handles loads up to 6A and features easy installation with a detachable connector.
		[Philips OccuSwitch LRM1070/00 SENSR MOV DET ST Motion Detector Datasheet](#) Technical datasheet for the Philips OccuSwitch LRM1070/00 SENSR MOV DET ST, a movement detector with a built-in switch controlling up to 6A and covering a 25 m² area. Includes product data and dimensions.