

[Manuals.plus](#) /

› [eSenlite](#) /

› User Manual: Invisible Motion Retrofit Compact LED Light Fixture with Smart Sockets, Plug-in Adaptor

eSenlite EE102WLS-AP

User Manual: Invisible Motion Retrofit Compact LED Light Fixture

Brand: eSenlite | **Model:** EE102WLS-AP

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your eSenlite Invisible Motion Retrofit Compact LED Light Fixture with Smart Sockets and Plug-in Adaptor (Model: EE102WLS-AP). Please read this manual thoroughly before use to ensure proper function and safety.

SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance.
- This device is designed for indoor and covered outdoor use. Avoid direct exposure to water or extreme weather conditions unless specified for outdoor use.
- Do not disassemble or modify the device. Unauthorized modifications may void the warranty and pose safety risks.
- Use only with compatible E26/E27 base bulbs (bulb not included).
- Keep out of reach of children.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x eSenlite Invisible Motion Retrofit Compact LED Light Fixture (Model: EE102WLS-AP)
- 1 x Plug-in Adaptor
- *Note: Light bulb is NOT included and must be purchased separately.*



Image: The eSenlite EE102WLS Light Socket with its plug-in adapter, illuminated and connected to a wall outlet.

PRODUCT FEATURES

- **Compact Design:** Sleek and unobtrusive form factor for seamless integration into various light fixtures.
- **Motion Sensing:** Utilizes advanced radar technology to detect motion, automatically illuminating the connected bulb.
- **Plug-and-Play Installation:** Includes a plug-in adaptor for easy setup without requiring complex hardwiring.
- **Retrofit Solution:** Designed to upgrade existing E26/E27 light fixtures with motion-sensing capabilities.
- **Versatile Application:** Suitable for various indoor and covered outdoor environments, enhancing convenience and energy efficiency.
- **Built-in Night Light Function:** Provides subtle illumination in dark environments.



Image: Visual representation of key features including indoor/outdoor use, 360-degree sensing, dusk-to-dawn operation, smart dimming, and customizable settings.

SETUP AND INSTALLATION

1. **Prepare the Fixture:** Ensure the power to the light fixture or outlet is turned OFF at the circuit breaker before beginning installation.
2. **Insert Bulb (Not Included):** Screw your E26/E27 base light bulb (not included) into the eSenlite motion sensor socket.
3. **Connect Adaptor:** Attach the plug-in adaptor to the base of the eSenlite motion sensor socket.
4. **Plug In:** Insert the assembled unit into a standard wall outlet.
5. **Restore Power:** Turn the power ON at the circuit breaker. The device will perform a self-test and then enter operational mode.



Image: The eSenlite motion sensor socket ready to be attached to a standard E26/E27 bulb, illustrating its radar sensing capability.



Image: A detailed view of the eSenlite motion sensor socket connected to its plug-in adaptor, ready for installation.

OPERATING INSTRUCTIONS

The eSenlite motion sensor operates automatically once installed and powered. It uses radar technology to detect motion within its sensing range.

- **Motion Detection:** When motion is detected, the connected light bulb will illuminate.
- **Automatic Shut-off:** After motion ceases and the set delay time expires, the light will automatically turn off.
- **Night Light Function:** The device includes a built-in night light that provides subtle illumination in dark conditions.



Image: The eSenlite device integrated into various home environments, demonstrating its built-in night light function for darkness.

CONFIGURATION (DIP SWITCHES)

The device features internal dip switches for customizing settings such as detection range, light sensitivity, and delay time. Refer to the markings on the device or the included quick start guide for specific dip switch configurations. *(Note: Detailed dip switch settings are typically found on the physical product or a separate quick start guide. This manual provides general guidance.)*



Image: A close-up of the eSenlite device, highlighting the red switch which may be used for configuration or power control.

MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Bulb Replacement:** Ensure power is off before replacing the light bulb. Allow the bulb to cool completely before handling.
- **Inspection:** Periodically inspect the device and its connections for any signs of damage or wear.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Light does not turn on with motion.	◦ No power to the outlet. ◦ Bulb is faulty or not properly installed. ◦ Light sensitivity setting is too low (daylight mode). ◦ Motion is outside the detection range.	◦ Check circuit breaker and outlet power. ◦ Replace bulb or ensure it is screwed in tightly. ◦ Adjust dip switch settings for light sensitivity. ◦ Ensure motion occurs within the specified detection area.
Light stays on continuously.	◦ Continuous motion detected. ◦ Delay time setting is too long. ◦ Faulty sensor.	◦ Ensure no constant motion is present in the detection zone. ◦ Adjust dip switch settings for a shorter delay time. ◦ Contact customer support if the issue persists.
Light turns on unexpectedly.	◦ Radar sensor detecting motion through thin walls or objects. ◦ Detection range setting is too high.	◦ Adjust dip switch settings to reduce detection range. ◦ Relocate the device if possible to avoid unwanted detections.

SPECIFICATIONS

- **Model:** EE102WLS-AP
- **Brand:** eSenlite
- **Product Dimensions:** 1.75 x 1.75 x 3.33 inches
- **Weight:** 8 ounces
- **Color:** White
- **Material:** Plastic
- **Light Fixture Form:** Close to Ceiling (adaptable with plug-in)
- **Bulb Compatibility:** E26/E27 base (bulb not included)
- **Sensor Type:** Radar Motion Sensor
- **Manufacturer:** EE Systems Group Inc

WARRANTY AND SUPPORT

eSenlite products are designed for reliability and performance. For warranty information and technical support, please refer to the official eSenlite website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: EE Systems Group Inc
For further assistance, visit the [eSenlite Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question