

### Testing precautions

Once the fitting is permanently connected to the mains supply, a commissioning discharge test as required in AS/NZS 2293.3 must be carried out. You will need to allow 24 hours for the battery to fully charge prior to conducting this test, presently (at the time of writing), the standard requires that fittings operate in emergency mode for a period not less than 2 hours for their commissioning test and for not less than 90 minutes thereafter (it is required that 6 monthly discharge tests be carried out). You will need to keep the records for the commissioning test and enter them into the building emergency services logbook or via other recording methods as allowed by AS/NZS 2293.3.

### Construction sites

Continuously switching off the mains power supply that is connected to emergency light fittings during the construction phase of an installation will cause these fittings to discharge and charge their batteries many times over a short period; this can shorten life of the battery. ABB does not recommend such practices and may not honour the warranty on batteries when they are subjected to such harsh operating conditions. Emergency light fittings are designed to be discharge tested once every 6 months as per AS/NZS 2293.2, subjecting the product to repeated discharge or charge cycles is regarded as an abuse of the fittings.

### Troubleshooting guide

If you have installed and connected the fitting as per the instructions listed earlier and it does not function correctly, use the following table as a guide to fixing the problem. Look up the type of fault in the left column and check the possible causes from the right column.

If the fitting still does not work after checking these possible causes, contact ABB customer service in Australia on 1800 60 20 20.

No.	Fault	Possible causes
1	LED light source and indicating LED not lit	AC supply not connected; <b>or</b> AC supply turned off; <b>or</b> Test switch damaged
2	LED light source is lit but indicating LED not lit	Test switch damaged; <b>or</b> Battery not connected or faulty
3	LED light source does not switch to emergency mode when the test button is pressed	Test switch damaged; <b>or</b> Battery not connected or faulty
4	LED light source works momentarily on emergency when the test button is pressed	Battery not yet charged (allow up to 24 hours)

## INSTALLATION MANUAL

### Stanilite®

## Economy exit LED - wall mount, ceiling mount, base Standard



This document covers	What's inside the box
Safety warning	<b>ECOEXITWALL</b> Economy exit LED + wall mount diffusers
Installation instructions	<b>ECOEXITCEILING</b> Economy exit LED + ceiling mount diffusers
Removal instructions	<b>ECOEXITBASE</b> Economy exit LED (without diffusers)
Testing precautions	Accessory kit
Troubleshooting guide	Installation manual
	Warranty information

### Thank you for choosing ABB product

Please read this document thoroughly before commencing installation and retain for future reference. Contact ABB customer service in Australia on 1800 60 20 20 if you need any assistance. The installation instructions were correct at the time of print. To reflect changes in technology and Australian standards; ABB reserves the right to amend the instructions without notice. Updated document can be found on the Stanilite website.

### Safety warning

In Australia and New Zealand, only licensed electricians are permitted by law to work with 240 volt electrical installations. Do not attempt to install or connect this product unless you are a licensed electrician. Turn off and isolate the electrical supply before

connecting this fitting to the building wires. Do not touch the terminals of the terminal block when the light fitting is energised. The only user-serviceable part is the battery pack. LED light source is not user-serviceable. Do not attempt to service other parts of the fitting as this will void the warranty. As the installer, it is your responsibility to ensure compliance with all relevant building and safety codes, (ie: AS/NZS 3000, AS/NZS 2293). Refer to the applicable standards for data and mains cabling installation procedures and requirements.

### Important to note:

- This product is designed for indoor use only.

### ABB Australia Pty Limited

For enquiries  
ABB contact centre: 1800 60 20 20  
E-mail: AU-ABB-Stanilite@abb.com

### Installation instructions

- Put the base against the wall or ceiling; mark the position of the mounting screw holes.
- Secure the base to the wall or ceiling using appropriate fixings (not supplied) depending on the type of building construction material used.
- Route main cable through the cable entry hole.
- Strip 9mm insulation length from mains cable, connect and terminate wires to the terminal block. Be careful with multi-strand conductors that all the strands are twisted together before insertion into the terminal. Any stray strands that inadvertently come into contact with their neighbouring terminal will cause undesirable results when the fitting is powered.

**Note: For permanent illumination in a maintained fitting where no separate switched active is present loop link between SA and USA.**

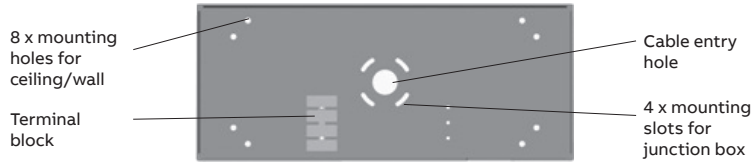


Figure 1: Base detail

Wire/fitting type	Maintained - with SA
Switched active	Wire to SA terminal
Unswitched active	Wire to terminal A
Neutral	Wire to terminal N

- Ensure that the battery is connected to the PCA and then fit the mains input cable connector to the mains input receptacle on the PCA.
- Align the gear tray test switch to the cutout in the base and then secure the gear tray using the 4 countersunk screws provided. See figure 2 and figure 3.

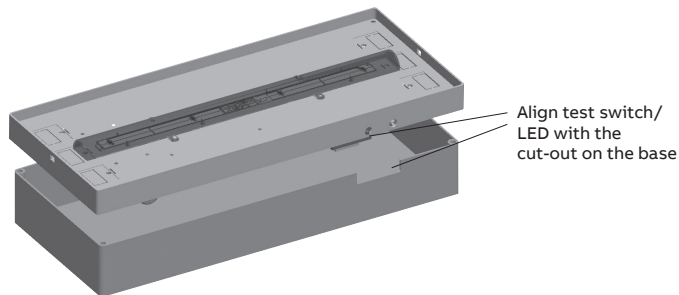


Figure 2: Base to gear tray alignment



Figure 3: Retaining screw locations

- Energise the fitting and check the operation to ensure that the installation was successful. Once powered up allow a few minutes to give the battery a small charge then press the test button located on the side of the fitting. Check the operation and LED indications per the following tables. If abnormal operation or indication is encountered refer to the troubleshooting guide section.

Fitting type/fitting state	Normal operation	Test switch pressed (after few minutes charging)
Permanently maintained	LEDs will be on	LEDs will illuminate
Maintained - with SA	LEDs follow the state of the SA	LEDs will illuminate irrespective of SA state

Fitting type	Indicator LED state - on initial powering - no fitting faults
Non-monitored	Solid red

- Install the diffuser (ECOEXITWALL or ECOEXITCEILING) to the base.

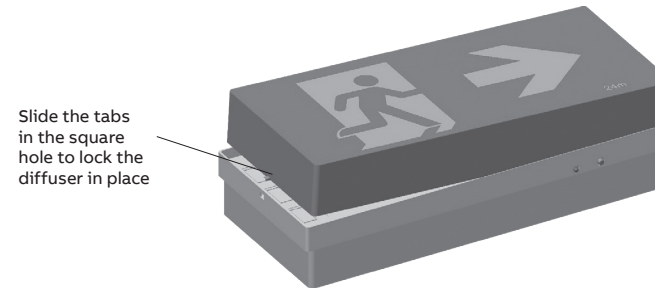


Figure 4: Lock the diffuser in place

**Important: 24 hours is required to allow the fitting battery to reach full capacity, ie: prior to a discharge test. As the installer, it is your responsibility to conduct the initial discharge testing of the installed fitting. Refer to AS/NZS 2293.**

### Removal instructions

- De-energise and lock off the supply circuit. **Note: There may be 2 actives present, ensure all power is isolated before proceeding.**
- Remove diffuser by pushing the locking slot on the side of the base to unlock it from the gear tray.
- Unscrew 4 screws from the gear tray.
- Disconnect the battery and base's mains cable from the PCA.

**Caution: The emergency inverter may still be**

**operating and high voltages may be present. Do not touch components or the PCA until the battery is disconnected from the PCA.**

- Remove the gear tray.
- Remove mains cable from terminal block.
- Remove the mounting screws.

**Note: When the fitting is reconnected to the supply, it will need time to recharge its battery for 24 hours before it will be capable of a full length discharge again.**