

Trouble shooting guide

If you have installed and connected the unit 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.

No.	Fault	Possible causes
1	LED light source and indicating LED not lit	AC supply not connected; or AC supply turned off; or Test switch damaged
2	LED light source is lit but indicating LED not lit	Test switch damaged; or Battery not connected or faulty
3	LED light source does not switch to emergency mode when the test button is pressed	Test switch damaged; or 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)

If the unit still does not work after checking these possible causes, contact ABB service in Australia on 1800 60 20 20, Monday to Friday, 7.00am to 5.00pm (AEST) and ask for help. Our trained service personnel will usually be able to take your call immediately and assist you in resolving your difficulty. ABB is committed to providing valuable through-life support for its products.

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INSTALLATION MANUAL

Exit LED evago Standard, Nexus RF

Doc no. 29-99577



This document covers	What's inside the box
Safety warning	Exit LED evago
Installation instructions	Installation manual
Testing precautions	Warranty information
Trouble shooting guide	

Congratulations

Congratulations on choosing to use this ABB product covered by our unique through-life support system. This document is designed to assist you during the installation of this product; for the safety of yourself and others **ABB recommends that you read this document thoroughly before commencing installation.** The fittings are designed for easy installation. They are advanced pieces of electronic equipment which, when treated with care and maintained through regular and appropriate servicing, will perform reliably for many years to come.

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 parts are fluorescent or halogen lamp/s. LED light sources are not user-serviceable.

Do not tamper with the fitting or the warranty will be void.

As the installer, it is your responsibility to ensure compliance with all relevant building and safety codes, (ie: AS3000, AS/NZS2293). Refer to the applicable standards for data and mains cabling installation procedures and requirements.

Important note: This product is designed for indoor use only.

Nexus RF (wireless system)

The Nexus RF range of light fittings are designed to communicate via a proprietary RF network, however the electrical installation of the fittings is identical to that of a standard non-monitored fitting. The RF communication module and antenna need to be installed recessed in the wall or ceiling space.

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Important note: Carefully read this installation manual before installing or using the luminaire. This installation manual provides important information about the correct installation, use, maintenance and disposal of this product.

Please observe the following guidelines

1. The luminaire should only be installed by qualified personnel and installation must be in accordance with AS3000 and local regulations.
2. This product may not be modified in any way whatsoever or used for a purpose or in an environment other than for which it is designed. Failing to observe these guidelines will invalidate the warranty and the compliance of this product.
3. Before installing the luminaire, the supply must be isolated.
4. The light source in this luminaire is non-replaceable.

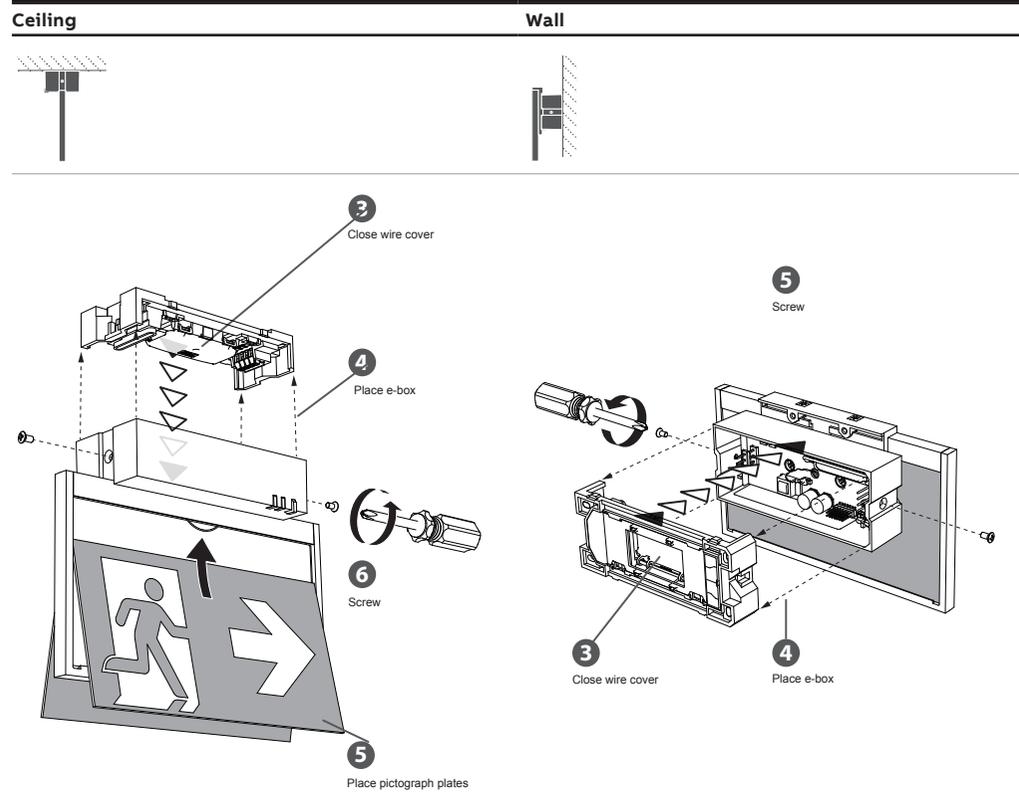
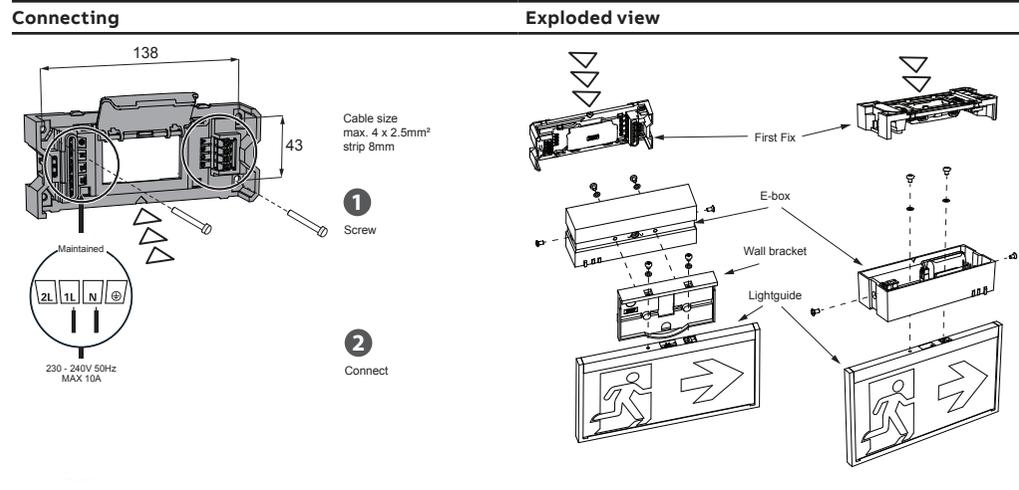
Installing and connecting

1. This luminaire should be connected to the voltage equivalent to that indicated on the type label. This luminaire is fitted with a terminal block suitable for loop-in-loop-out connection. The earth terminal is provided for convenience of wiring through only and should not form part of any protective shield. For further information on the different connection possibilities, see the instructions in this installation manual.

Installation instructions

1. Remove the unit from the packing box and inspect it for damage or imperfections. If any damage is found, do not install the unit, but replace it carefully into the packing box and notify the ABB product support hotline in Australia on 1800 60 20 20.
2. If all looks okay, installation can proceed.

Important note: Triangular markings indicate how to place the e-box with respect to the first fix. Check correct orientation before placing first fix.



Fitting type	Indicator LED state - on initial powering - no fitting faults
Non-monitored	Solid red
Nexus RF	Green flash with 2 red blinks, green flash with 3 red blinks

Testing precautions

Once the fitting is permanently connected to the mains supply, a commissioning discharge test as required in AS/NZS2293.2 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/NZS2293.2.

Construction sites

Continuously switching of 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 the life of the battery and will also result in shortened emergency lamp life. 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/NZS2293.2, subjecting the product to repeated discharge or charge cycles is regarded as an abuse of the fittings.