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.

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

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. The luminaire only to be installed outside arms reach. There are no user serviceable parts in the product. The battery pack and/or lamp head assembly in this luminaire shall only be replaced by licensed electrician or a similar qualified person.

Important to 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.
Installation instructions

**Note:** The circuit supplying mains power to the fitting must not be energised until installation of the fitting is completed.

1. Mark and cut out a hole in the ceiling to suit either small or large Spitfire head. The cut-out size for the standard lamp head is 50mm. The cut-out size for a small 85mm adaptor plate is 70mm and for the large 141mm adaptor plate is 130mm.

**Note:** The adaptor plates are mainly used for existing Spitfire replacement or where access is limited.

2. Snap the lamp head to the appropriate adaptor plate (if used).

3. Connect battery pack and lamp head to the control pack. The battery pack can be attached to the control pack using cable tie supplied. Secure the battery pack and lamp head wires to the control pack using cable tie.

4. Connect data cable to the control pack.

5. Feed the battery and control pack assembly through the ceiling cut-out and secure them to a suitable location within the ceiling space. If access to the ceiling cavity is not available, connect the mains power cord before recessing the battery and control pack in the ceiling cut-out. Secure the battery and control pack to a suitable location within the ceiling space.

6. Refer to data connections section.

7. Connect flex and plug to the supply socket.

8. Check operation of the fitting to ensure that the installation was successful. Once powered up, as a non-maintained fitting the present lamp stays off. Allow a few minutes to give the battery a small charge, then press the test button located at the Spitfire lamp head. Hold the test button in for a few seconds and observe the operation of the lamp switching from mains to the emergency mode.

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**Data connections**

- **Nexus RF fitting**
  - Connect the antenna to the control pack.
  - Collect the MAC address, by removing the peel off sticker section and locating it on your floor plan or spreadsheet.
  - Consult the Nexus user and technical guide for further detail, including product commissioning.

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9. Once manually checked, it is ready for the commissioning into the Nexus network. Keep the information details of this fitting including exact location description, DB (distribution board) and CB (circuit breaker) numbering, channel and router numbering, plan number and cross referencing information as all of this will be required for entry into the database during commissioning. Refer to the Nexus user and technical guide for full details. As the installer, it is your responsibility to conduct the initial discharge testing of the installed fitting. Refer to AS/NZS 2293.