Installation manual

Batten weatherproof
AC

Doc no. 29-99568

This document covers	What's inside the box
Safety warning	Batten weatherproof
Installation instructions	Installation manual
Removal instructions	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-servicable.
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.

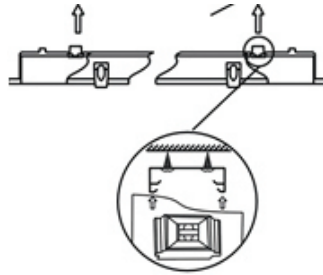**Important note:** This product is designed for indoor and outdoor use.

ABB Australia Pty Limited
Phone: 1800 222 435
E-mail: AU-ABB-Stanilite@abb.com

www.stanilite.com.au

Stanilite®

Power and productivity
for a better world™

ABB

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 222 435.
2. If all looks okay, installation can proceed.
3. Remove the diffuser from the base.
4. Squeeze the gear tray retaining clips (2) to remove the gear tray from the base.
5. The batten can be either ceiling or wall mounted, or suspended. For wall or ceiling installation; mark the position of the mounting brackets using the distance LF as shown in table below. Use the mounting bracket as a template to mark mounting bracket screw locations.

Fitting type	LF (mm)	Clip qty	L (mm)	W (mm)	H (mm)
1 x 18/14	475	4	675	105	106
1 x 36/28	905	8	1278	105	106
1 x 58/35	970	10	1578	105	106
2 x 18/14	475	4	675	166	106
2 x 36/28	905	8	1278	166	106
2 x 58/35	970	10	1578	166	106

6. Secure the mounting brackets (2) to the ceiling/wall using appropriate fixings (fixings suitable for installation into concrete are supplied, for other mounting surfaces use appropriate fixings depending on the type of building construction materials used).
7. Drill cable access hole(s) at either end or in the body to suit cable gland or conduit to be used. 2 cable sealing bushes (20mm hole) are supplied. Align the base to the installed mounting brackets and push the base to lock it onto mounting brackets.
   Note: To remove the base from the mounting brackets rotate the gear tray retaining clip assembly a half turn anti-clockwise. To refit the base repeat above turning the clips half a turn clockwise.
8. Run mains cable as appropriate through the base access hole via a sealing grommet, gland or conduit. Ensure that the IP rating of the luminaire is maintained. **Note:** If a sealing compound is used, it must be of the neutral cure type.
9. Attach the gear tray to the base via the 2 lanyards and terminate the mains cable. 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 block. Any stray strands that inadvertently come into contact with their neighbouring terminal will cause undesirable results when the fitting is powered.

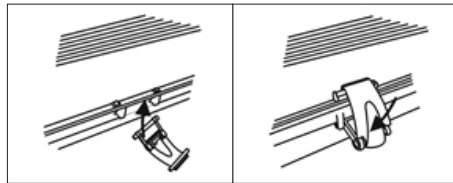| Wire/fitting type	
Switched active	Wire to terminal S/A
Neutral	Wire to terminal N
Earth	Wire to terminal E or ⏚
Spare	Can be used for looping

Figure 1: Diffuser clip diagram

10. Fit the lamp holders to the gear tray and check to make sure no cable or wire obstruction around the retaining clip slots before clipping the gear tray in place.
11. Fit the appropriate fluorescent lamp/s as per the size (T5 or T8) of the fitting. (lamp/s not supplied with the fitting). Check the operation of the fitting by applying power, the lamp should illuminate otherwise refer to the trouble shooting guide for corrective action.
12. If the installation is successful, install the clips to the base and clip on the diffuser .

Removal instructions

1. Before uninstalling the fitting, switch off mains supply to the fitting.
2. Open the retaining clips remove the cover and unclip the gear tray from the base.
3. Unscrew the unswitched active, switched active, neutral and earth cable connection from the terminal block.

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	Lamp does not light up when connected to mains	AC supply not connected; or AC supply turned off; or Switch active turned off; or Lamp damaged; or Lamp not inserted properly

If the unit still does not work after checking these possible causes, contact ABB service in Australia on 1800 222 435, 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.