

Thank you for purchasing this product. Please read the instruction carefully before use to ensure safe and satisfactory operation of this producr. Please retain these instruction for future reference.

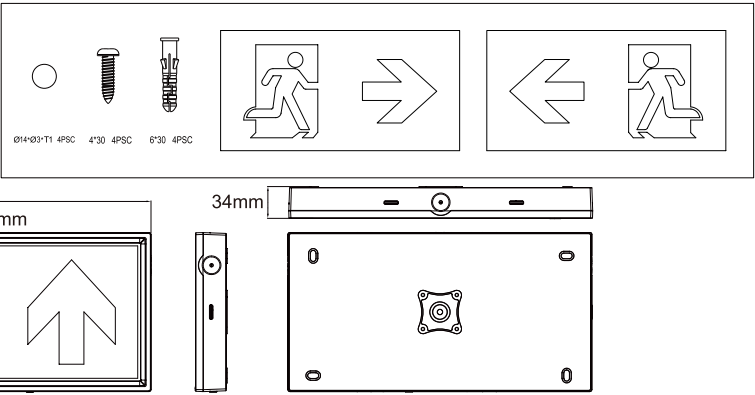


1. Installation and commissioning may only be carried out by authorized specialists and wired in accordance with the latest IEE electrical regulations or the national standards.
2. Mains power must be switched off before carrying out installation.
3. The manufacturer, shall not be liable for any damage resulting from inappropriate modifications to the luminaire or faulty instsllation.
4. Caution, risk of electric shock.
The control gear provides basic insulation between the LV supply and the control circuit.

Explanation of LED indicator

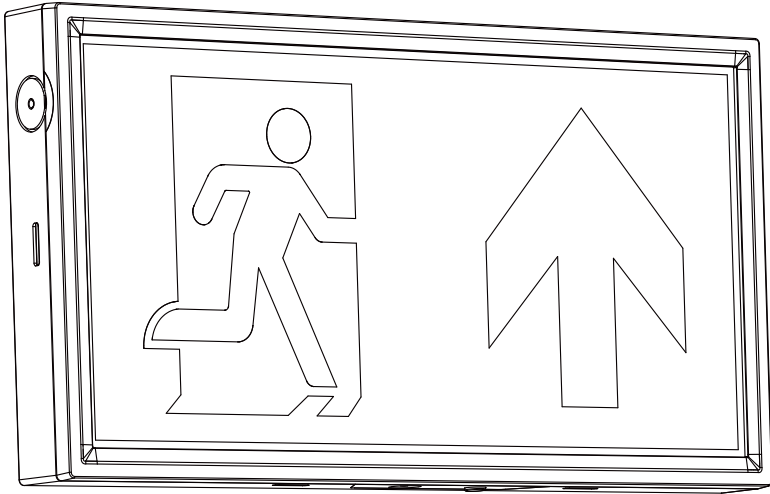
State	Color	LED indication	Status	Comment
	Green	Permanent green	Charging Mode Fully Charged	AC mode
	Green	Fast flashing green (0.1 sec on, 0.1 sec off)	Function test underway	
	Green	Slow flashing green (1 sec on, 1 sec off)	Duration test underway	
	Red	Permanent red	Load failure	Open circuit/ Short circuit Led failure (emergency mode)
	Red	Slow flashing red (1 sec on, 1 sec off)	Battery failure	Battery failed the duration test or function test / No battery
		Green and red off	DC mode	Battery operation (emergency mode)

DIMENSION



Instruction manual EA5 Emergency Exit Light

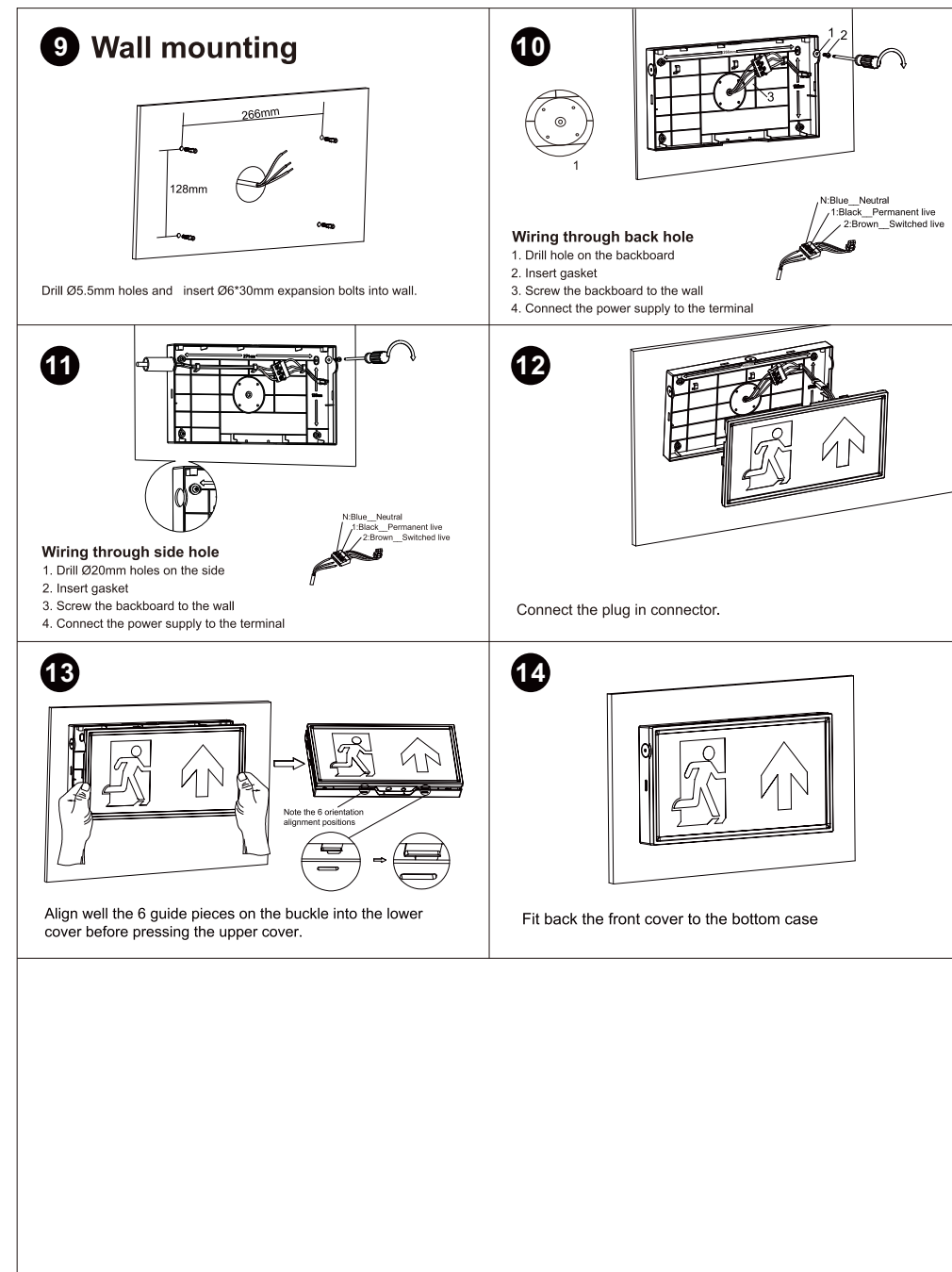
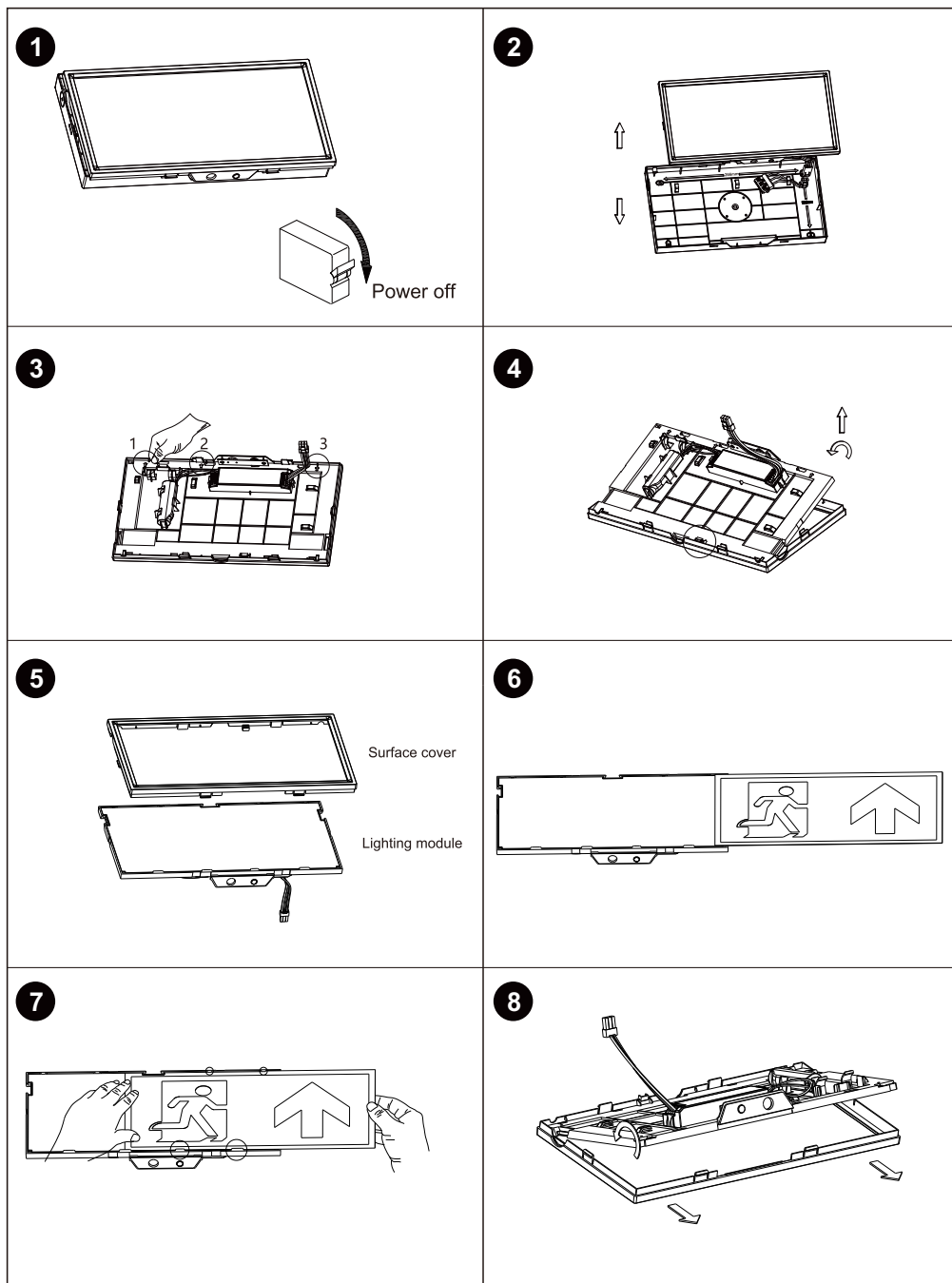
Draft version



ORDERING INFORMATION

SAMPLE NUMBER: EA5-01S-W

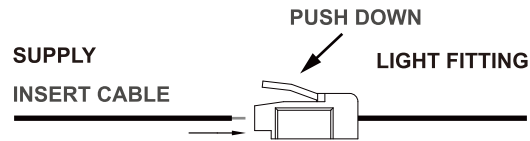
Series	Generation	Category	Color	Catalog
EA5=EU&Australia emergency light #5 series	01=Gen1	S=Self test	W=White B=Black	EA5-01S-W EA5-01S-B



Wiring

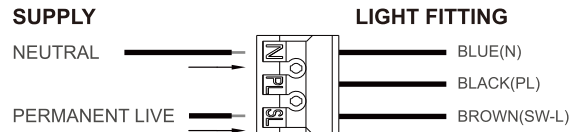
This product is double insulated and must not be earthed. If there are any incoming earh cables, they must be joined together and well insulated with good quality insulation tape. This is to ensure earth continuity throughout your property.

Having correctly identified the wiring from your existing light fitting, connect to the quick fit connection block in the following way, using the supplied link cables where necessary.



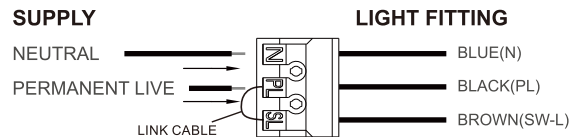
Non-Maintained Wiring:

The product is normally off and comes on during a power failure.



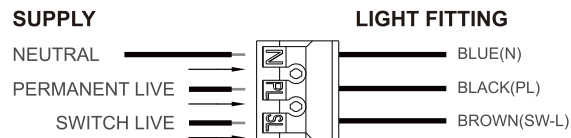
Maintained (Unswitched) Wiring:

The product is on permanently and comes on during a power failure.



Maintained (Switched) Wiring:

The product is used as a normal light-switch on/off, light turns on/off. comes on during a power failure.



Check that...

- You have correctly identified the wires
- The connections are tight
- No loose strands have been left out of the connection block.

Test Function

Self-test

The emergency kits carry out self-tests automatically to ensure its functionality. The self-test includes 3 types of tests:

Initial test

- As soon as mains supply is connected, the emergency kit will carry out a 3-seconds functional test automatically.
- In case of a failure, the LED will turn permanent red. Otherwise, the charge mode will start.

Functional test

- Refers to charging, discharging and the functioning of load.
- Carry out for 10 seconds automatically every 30 calendar days.

Duration test

- Refers to the test of batteries capacity.
- Carry out every 180 calendar days.

Rest mode

Rest mode can be initiated during emergency mode by pressing test switch longer than 3 seconds. The rest mode will be exited automatically after reconnect AC mains.

Please note

If mains supply is off during self-test period, emergency conversion module would terminate self-test immediately and go into emergency mode.

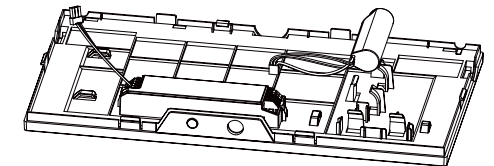
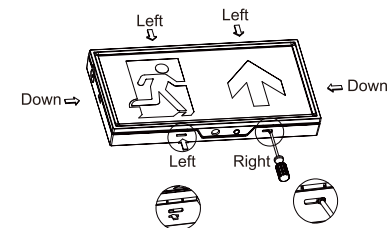
Self-test is under the regulation of EN 62034.

Battery Replacement

If after routine operation check, the lamp does not remain lit for the three hours period, a new battery pack may be required.

Switch off the electricity at the mains, both switched and permanent supply.

- Allow batteries to fully discharge then reconnect to supply and allow to charge for 24 hours.
- Test again for 3 hours, if light does not remain lit change the battery pack as follows:
 - Disconnect from the main supply both permanent and switched supply.
 - Open the exit sign box and unplug battery connector.
 - Remove the battery pack and lift the battery pack out of the fitting. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.
 - **Replace the battery with a YHBL-1-1.6 only.** Use of a different type of battery will damage the product.
 - Write current date on the new battery pack.
 - Fit new battery pack in position and plug the battery connector into the PCBA.
 - Close the exit sign box.
 - Restore power and allow to charge for 24 hours.
 - Perform full operation check and update test record.



Flatly press the buckle one by one with slotted screwdriver at the marked direction.