

LED Batten Fitting Installation Guide

LF212B / LF424B



General (Lighting Fixture)

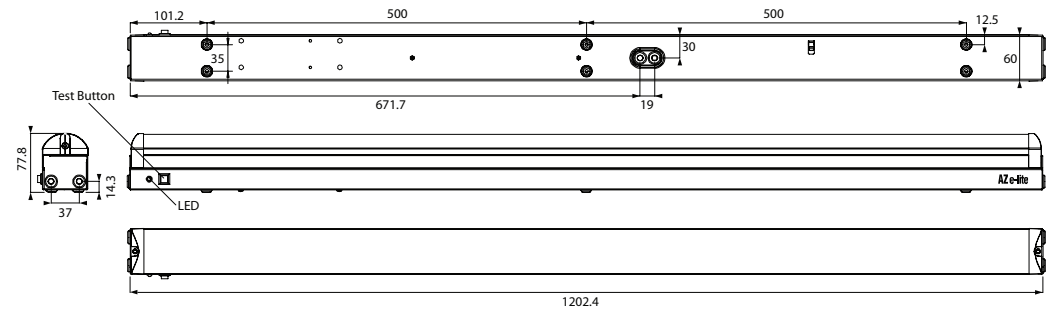
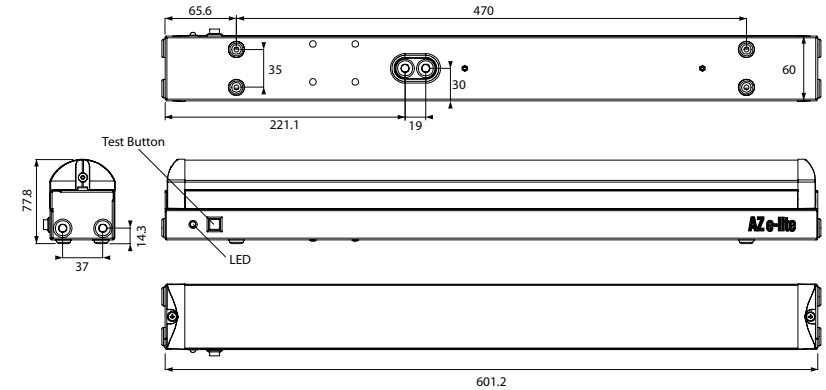
	LF212B	LF424B
Input Voltage	220 - 240 Vac, 50 / 60Hz	220 - 240 Vac, 50 / 60Hz
Luminous Flux	>600 lm (LF212B-830) >700 lm (LF212B-840 / LF212B-865)	>1200 lm (LF424B-830) >1400 lm (LF424B-840 / LF424B-865)
Electrical Power Consumption	<12W	<24W
Mode of Operation	Combined Non-Maintained	Combined Non-Maintained
Rated Duration	>2Hrs @ 50% Light Output	>2Hrs @ 50% Light Output
Operating Temperature	0 to 40°C	0 to 40°C
Storage Temperature	-40 to 80°C	-40 to 80°C
Operating Humidity	>90% (RH)	>90% (RH)
Dimension	601mm (L) X 60mm (W) X 78mm (H)	1202mm (L) X 60mm (W) X 78mm (H)

LED Module

	LF212B	LF424B
Type Of LED	SSL Class Low Power LEDs	SSL Class Low Power LEDs
Nos Of LEDs	126 pcs	252 pcs
Color Temperature	2500K - 3500K (LF212B-830) 3500K - 4500K (LF212B-840) 6000K - 7000K (LF212B-865)	2500K - 3500K (LF424B-830) 3500K - 4500K (LF424B-840) 6000K - 7000K (LF424B-865)
Color Rendering Index	>80	>80
Operating Input Voltage	20.3 - 24.5 Vdc	20.3 - 24.5 Vdc
Operating Input Current	350mA (Constant Current)	700mA (Constant Current)
Interface Connector	DC Plug (Male)	DC Plug (Male)
LED Module IP Rating	IP54	IP54

Specifications (Outline Drawing)

- ▶ LF212B (2-feet)
- ▼ LF424B (4-feet)



Installation steps:

- Slide out the LED module from holder



- Mount the holder onto ceiling/wall/solid places



▲ Four pre-drilled holes for screwing

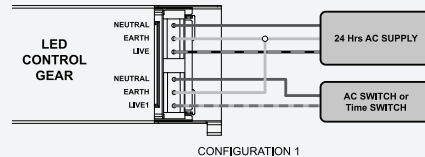
- Do all the necessary connections (battery, AC wire, motion sensor if any) and slide in the LED module



Wiring Diagram for contractors – TWO options based on user requirement

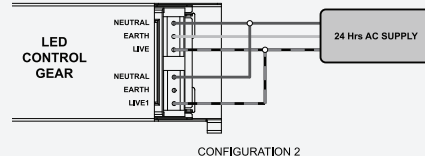
Option 1

When AC supply on, LED is not lit up with AC switched off
When AC supply on, LED is lit up with AC switched on



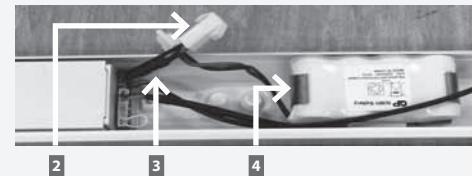
Option 2

When AC supply on, LED is always lit up



Battery replacement for maintenance:

NOTE: Battery should be replaced when the LED self-contained emergency luminaire no longer meets its rated duration of operation.



- Slide out the LED module
- Disconnect the battery connector
- Replace the battery pack
- Connect the battery connector
- Slide in the LED module

Battery maintenance check:

With all components connected and AC supply on, the 'charge' indicator will be on



To check the battery, PRESS & HOLD the 'Test Switch'. The 'charge' indicator will be off at this time meaning battery is not charging



Warning:

- ALWAYS keep AC supply off during installation
- ALWAYS keep battery unplugged during installation
- All wiring MUST be done by licensed electricians