

LED Batten Fitting Installation Guide LF212BS / LF424BS

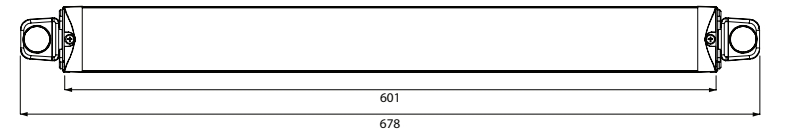
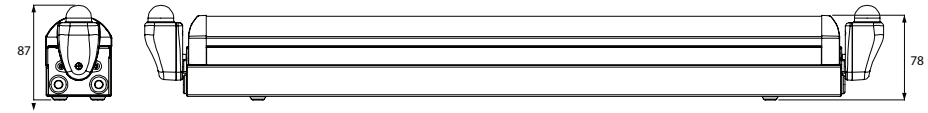
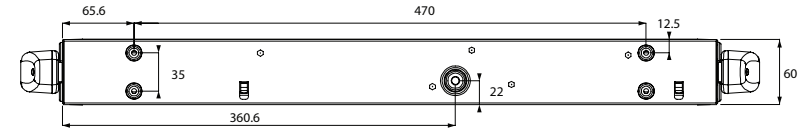


General (Lighting Fixture)

	LF212BS	LF424BS
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)
Type of LED	126 x 0.1W LEDs	252 x 0.1W LEDs

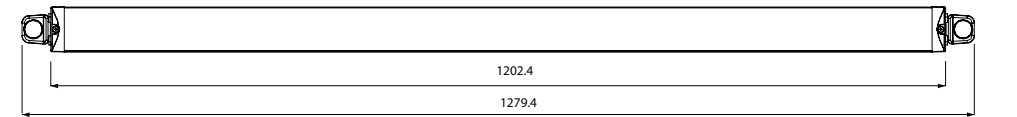
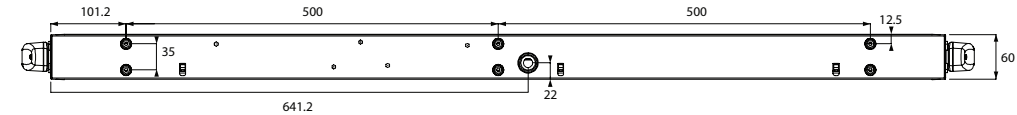
Battery System

	LF212BS	LF424BS
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)



Specifications (Outline Drawing)

- ▶ LF212BS (2-feet)
- ▼ LF424BS (4-feet)



Installation steps:

- Slide out the LED module from holder



- Open AC connector, connect the AC supply cable & connect DC jack



- Screw in the motion sensor at both ends and connect the data cable



▲ Four pre-drilled holes for screwing

- Open AC connector, connect the AC supply cable & connect DC jack



▲ AC supply connection

▲ DC jack connection

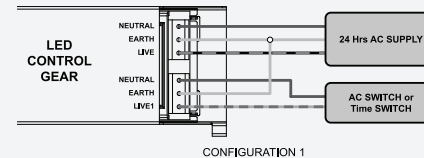
Warning:

1. **ALWAYS** keep AC supply off during installation
2. **ALWAYS** keep battery unplugged during installation
3. All wiring **MUST** be done by licensed electricians

Wiring Diagram for contractors – TWO options based on user requirement

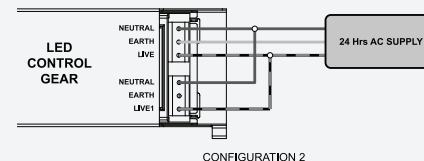
Option 1

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



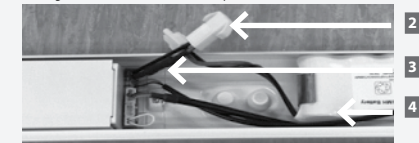
Option 2

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.



- 1 Slide out the LED module
- 2 Disconnect the battery connector
- 3 Replace the battery pack
- 4 Connect the battery connector
- 5 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

