

## FXE04 EMERGENCY CONVERSION KIT



Fox Lux emergency conversion kits are manufactured to provide full compliance to the latest standards. With a user-selectable self-test feature and remote control option (see REM10), the FXE range punches above its weight in terms of both value and functionality.

*5 year warranty including battery\**



	FXE04S-55	FXE04S-300
Rated supply voltage	220 - 240V AC	220 - 240V AC
AC voltage range	198 – 264V	198 – 264V
Mains frequency	50 / 60 Hz	50 / 60 Hz
Max. power consumption	5W	5W
Standby power	< 0.8W	< 0.8W
Emergency output power	3 - 6W	3 - 6W
LED forward voltage range	10-50 Vdc	50-300 Vdc
Max. output voltage	55Vdc	310Vdc
Emergency rated duration	1 or 3 hours	1 or 3 hours
Battery charge time	< 16 hours	< 16 hours
Operating temp. ta	0 - 50°C	0 - 50°C
Max. module case temp. tc	70°C	70°C
Max. battery case temperature	55°C	55°C
Insulation class	II	II
Dimensions	21 x 30 x 185mm	21 x 30 x 185mm














Battery types	Part number	Voltage/Capacity	Output power
2x 18650 Li-ion	3.6-5000-D300	3.6V 5.0Ah	3W
4x 18650 Li-ion	3.6-10000-D300	3.6V 10.0Ah	6W

**Self-test**



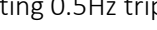
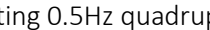
The user-selectable self-test facility automatically tests every week (+/- 6hrs at random). The first full duration test is carried out automatically within the first 4 weeks after the luminaire being connected to mains voltage. Each year the capacity of the battery is measured by simulating a power failure in addition to the functional test. Complies with EN62034.

Status is indicated via a bi-color LED as follows:


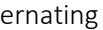
**Status LED Indications**




GREEN	RED	STATUS
ON 	OFF 	OK
1Hz Flash 	OFF 	Charging
OFF 	ON 	Battery disconnected / Duration test fault
2Hz Flash 	OFF 	Function / Duration test in progress
OFF 	2Hz Flash 	Battery temperature fault
OFF 	1Hz Flash 	Light source fault
0.5Hz Alternating Flash Once 		Remote Control Signal Received

**Battery Autonomy Indication**

	3hr setting	1hr setting
Alternating 0.5Hz single flash 	≥3.5hrs	≥1.5hrs
Alternating 0.5Hz double flash 	3.25 - 3.5hrs	1.25 - 1.5hrs
Alternating 0.5Hz triple flash 	3.0 - 3.25hrs	1.0 - 1.25hrs
Alternating 0.5Hz quadruple flash 	NO TEST	NO TEST

**ST Check:**

0.5Hz Alternating Flash 	Self-test operation enabled
0.5Hz Alternating Flash 	Self-test operation disabled

 Slow flash= 0.5Hz  
 Normal flash=1Hz  
 Fast flash=2Hz

## REM10 Remote Control

Please note: The unit is supplied in manual test mode by default. If self-test function is required simply attach the infrared receiver (IR/R) and use the remote control (REM10) to enable it. Whether the self-test function is disabled or enabled the remote control adds extra features to this luminaire.

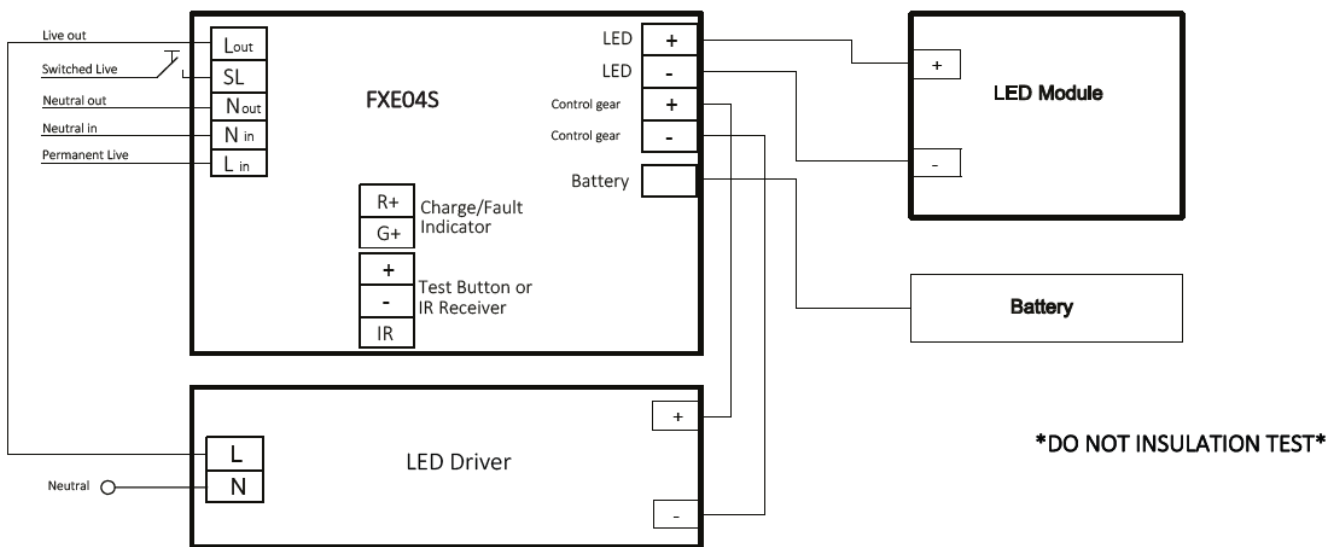
1. Press TEST to carry out a "Functional Test".
2. Press "MT ON" to initiate a "Full Duration Test".\*
3. Press "MT OFF" to interrupt "Full Duration Test".
4. Press "BAT CHK" to check battery status.\*\*
5. Press "AST ON" to enable self-test function.
6. Press "AST OFF" to disable self-test function.
7. Press "AST CHK" to check status of self-test function (enabled/disabled)



\* Note that when the "Full Duration Test" is completed the batteries require up to 8 hours to be re-charged again.

\*\* Note that battery status is recorded and updated after full duration test is completed .

## Installation and Connection Diagram



### COMPLIANCE

- |  |  |   |   |
|--|--|---|---|
|  EN 61347-1   |  EN 61000-3-2 |  EN 61347-2-13 |  EN 60598-2-22               |
|  EN 61347-2-7 |  EN 61000-3-3 |  EN 62034      |  ENEC Certified <sup>#</sup> |
|  EN 61547     |  EN 50172     |  EN 62384      |  ICEL Endorsed <sup>#</sup>  |

<sup>#</sup>55V version

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