

FXE05 EMERGENCY CONVERSION KIT

NON-MAINTAINED 3hr SELF-TEST 5-20Vf



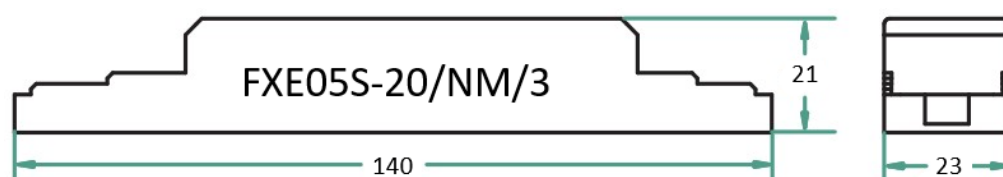
Fox Lux emergency conversion kits are manufactured to provide full compliance to the latest standards. With a user-selectable self-test feature and remote-control facility, the FXE range punches above its weight in terms of both value and functionality.

5 year warranty including battery*



FXE05S-20/NM/3	
Rated supply voltage	220 - 240V AC
AC voltage range	198 - 264V
Mains frequency	50 - 60Hz
Max. power consumption	5W
Standby power	< 0.8W
Emergency output power	1.5W
LED forward voltage range Vf	5-20V DC
Max. output voltage	20V DC
Emergency rated duration	3hrs
Battery charge time	< 16 hours
Operating temp. ta	0 - 50°C
Max. module case temp. tc	70°C
Max. battery case temperature	55°C
Insulation class	II
Dimensions L x W x H	140 X 23 X 21mm

Battery	Part number	Voltage/Capacity	Dimensions	Output power
18650 Li-ion	L25/3	3.6V 2.5Ah	19 x 67mm	1.5W
















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.





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.

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

AST 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

Remote Control – REM10

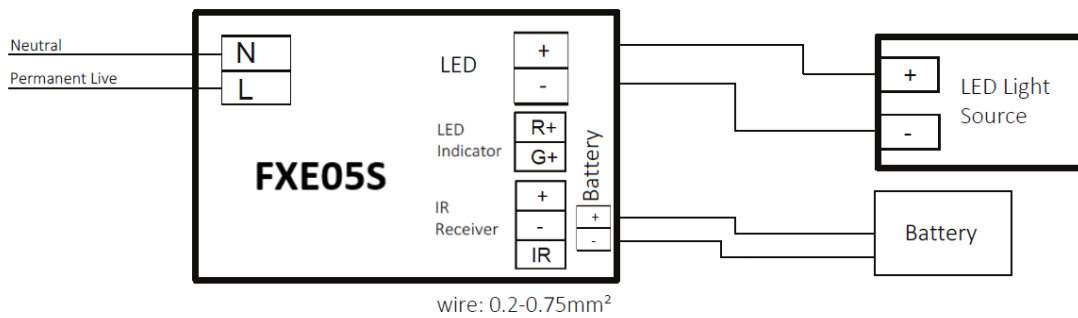
1. Press TEST to carry out a “Functional Test”.
2. Press “MT ON” to initiate a “Full Duration Test”.*
3. Press “MT OFF” to interrupt “Full Duration Test”.
4. Press “BAT CHK” to check battery status.**
5. Press “AST ON” to enable self-test function.
6. Press “AST OFF” to disable self-test function.
7. 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

ENEC Certified
 ICEL Endorsed
 EN 61547

EN 61000-3-2
 EN 61000-3-3
 EN 61347-1

EN 61347-2-13
 EN 62034
 EN 62384

EN 50172
 EN 60598-2-22
 EN 61347-2-7

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