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LED lighting solutions

FOX LUX
EMERGENCY LIGHTING

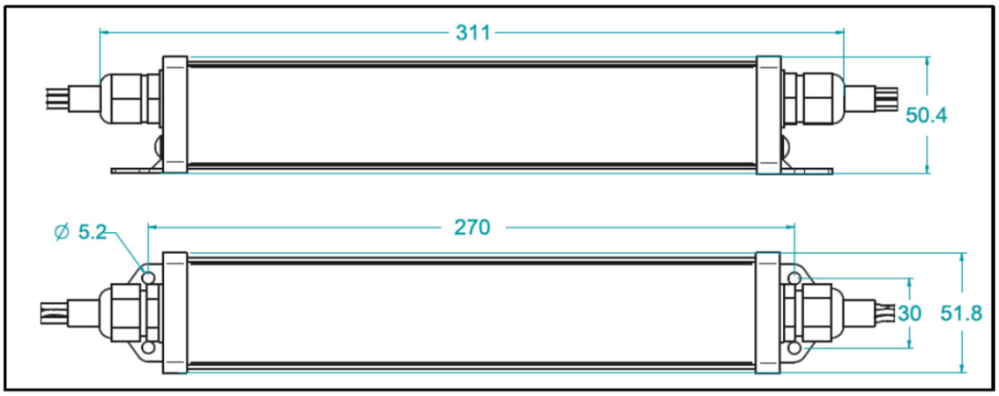
FXR06S IP65 LED EMERGENCY CONVERSION REMOTE BOX

IP65 Rated Emergency Remote Box

The Fox Lux IP65 Emergency Remote Box is manufactured to provide full compliance with current applicable standards. Ideal for use with LED panels and downlights, it is easy to install and has an automatic self-test feature as standard*, with the option of remote-control**. FXR06S is supplied prewired.

*Supplied manual test as standard. To activate self-test, remove link.
** If the remote-control facility is required, an infrared receiver is required (IR/R)

Part Number	Description
FXR06S-55/3/IP65	IP65 Emergency Remote Box 10-55V 3W
FXR06S-55/6/IP65	IP65 Emergency Remote Box 10-55V 6W
FXR06S-300/3/IP65	IP65 Emergency Remote Box 50-300V 3W
FXR06S-300/6/IP65	IP65 Emergency Remote Box 50-300V 6W
IR/R	Infrared Receiver
REM10	Remote Control



Features

- 5-year warranty including battery*
- Fast re-charge with Li-ion battery**
- Deep discharge protection
- Microprocessor controlled battery charging
- Automatic self-test (activated by removing link inside)
- Remote control optional
- Pre-wired for easy installation

Standards

- EN 1838
- EN 50172
- EN 60598-2-22
- EN 62034
- ISO 3864
- ENEC Certified

* In accordance with T&Cs
** First charge can take up to 16h hours

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Technical Data FXR06S-55	
Mains Voltage	230V +/-10%
Mains Frequency	50-60Hz
Nominal Duration	3hr
Max. Power Consumption	5W
Standby Power	<0.8W
Emergency Output Power	3W/6W Constant Power
Recharge Time	8hrs
	(First charge up to 16hrs)
LED Forward Voltage Range	10-50V DC
Max. Output Voltage	55V DC
Max. Ambient Temp.	45°C
Max. Battery Temp.	60°C
Insulation Class	I
Battery	Li-ion 3.6V 5.0Ah (3W)
	Li-ion 3.6V 10.0Ah (6W)

Technical Data FXR06S-300	
Mains Voltage	230V +/-10%
Mains Frequency	50-60Hz
Nominal Duration	3hr
Max. Power Consumption	5W
Standby Power	<0.8W
Emergency Output Power	3W/6W Constant Power
Recharge Time	8hrs
	(First charge up to 16hrs)
LED Forward Voltage Range	50-300V DC
Max. Output Voltage	310V DC
Max. Ambient Temp.	45°C
Max. Battery Temp.	60°C
Insulation Class	I
Battery	Li-ion 3.6V 5.0Ah (3W)
	Li-ion 3.6V 10.0Ah (6W)

Logistic Information	
Product Dimensions	50.4 x 51.8 x 311mm
Net Weight	
Box Dimensions	
Box Qty	
Outer Box Dimensions	
Outer Box Weight	
Quantity/Pallet	
Commodity Code	

Materials	
Housing	Aluminium
Finish	Silver

*** Luminaire automatically shuts off after 3 hours 7 minutes to prolong battery life.**

Manual Test

Once connected the luminaire must be commissioned and tested by a competent person in accordance with to BS EN 50172:2004.

Self-test

The self-test function is disabled by default. If self-test is required, please remote jumper located inside the pack on the module. A brief functional test will occur automatically each week (+/- 6hrs at random) The first full duration test will be carried out automatically within the first 4 weeks of the luminaire being connected to the mains supply and every 12 months thereafter. Battery capacity can be checked by pressing "BAT CHK" on remote control after a duration test has been completed.

REM10 Remote Control

The remote control adds extra features to all Fox Lux luminaires, including battery status, self-test on/off, functional test and duration test.

Pre-commissioning

A full duration test can be initiated whilst the battery is charging and will begin once charging is complete (Pre-commissioning).
Press TEST to carry out a "Functional Test"

- Press "BAT CHK" to check battery status**
- Press "MT ON" to initiate a "Full Duration Test" and "Pre-Commissioning "*
- Press "MT OFF" to interrupt "Full Duration Test"

* 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.

LED Status Indications*			
Healthy	Solid green	Battery fault	Solid red
Charging	Slow flashing green (1/s)	Lamp fault	Slow flashing red (1/s)
Test in progress	Fast flashing green (2/s)	Battery temperature fault	Slow flashing red (2/s)

*For emergency lighting duration test and self-test function test LED indications, please refer User Guide.

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