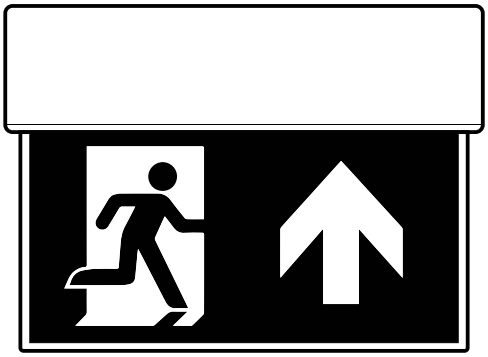
REF. V2.4.2 18-11-25

FOX LUX
EMERGENCY LIGHTING

FXEXBDL-M-3 DALI-2 LED EMERGENCY EXIT BLADE



Technical Data	
Model Variant	FXEXBDL-M-3
Rated Supply Voltage	220-240V AC
Mains Frequency	50 / 60 Hz
Max. Power Consumption	5W
Standby Power	< 0.5W
Emergency Output Power	1.5W nominal
Rated Emergency Duration	3 hours
Battery Charge Time	< 16 hours
Operating Temperature	0 to 40°C
Insulation Class	Class II
Ingress Protection	IP 20
Impact Protection	IK 06
Dimensions (L x W x H)	340 x 46 x 246mm
Battery Compatibility	1 x 18650 Li-ion 3.6V 2.5Ah
Battery Code	FXC3.6-2500-A35
LED Configuration	EVERLIGHT 2835

Self-test function is enabled by default.
With this feature enabled, functional tests are conducted every 7 days and full duration tests are conducted every 52 weeks.
This behaviour can be manually overridden with the use of a DALI application controller.
Following a mains supply failure, the module will operate a luminaire for > 3hrs.
Full recharge will be completed in < 16hrs.
The battery must be recharged within 6 months of full discharge.
When the rated operational time is no longer reached after a full recharge, the battery must be replaced.

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FOX LUX
EMERGENCY LIGHTING

FXEXBDL-M-3 DALI-2 LED EMERGENCY EXIT BLADE

Indicator LED Status

GREEN LED	RED LED	STATUS
On	Off	Standby
Slow Flash	Off	Duration test in progress
Fast Flash	Off	Function test in progress
Off	On	Fault with connected load / out of temperature range
Off	Slow Flash	Battery disconnected / test failure
Off	Fast Flash	Battery low voltage
Off	Off	Emergency function in operation
Alternating Green > Red > Green > Red...		DALI-2 identifying code

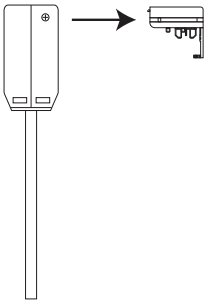
NOTE: “Slow Flash” = 1 flash every 2 seconds. “Fast Flash” = 2 Flashes per second

Installation Guide

1 Remove Product from Packaging

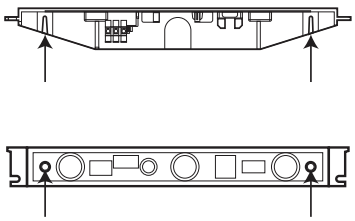
2 Remove Mounting Base

Unscrew the two screws and remove the mounting base.
Prepare conduit or cable entry points as required.



3 Install Mounting Base

Using either the ceiling or wall installation holes, secure the base to the mounting surface with appropriate hardware.



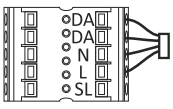
4 Connect to Power Supply

Terminate supply cables as indicated.

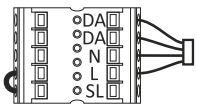
Terminals suitable for cable size
0.75 to 1.5 mm²
Insulation strip length of 8 mm

N- Neutral
L- Live
SL- Switched live
DA- DALI-2

Non-maintained



Maintained



5 Complete Labels

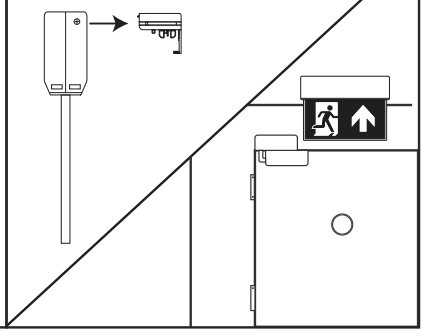
Complete battery and luminaire labels.

FOX LUX
Part No.
X 1 180
Commissioning Date:__ /__ /____

FOX LUX
Part No.
Date Of Manufacture MM/YYYY
Commissioning Date:__ /__ /____

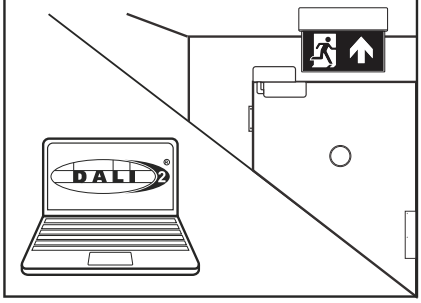
6 Attach Body to Base

Slide the luminaire on to the mounting base and replace the two screws to secure.



7 DALI

Commission with DALI-2 application controller.



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