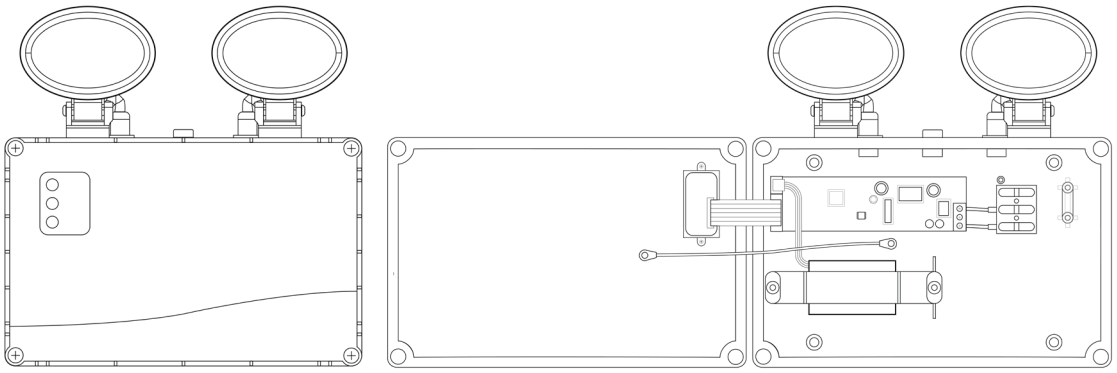
FOX LUX
EMERGENCY LIGHTING

FXTS02DL-NM-3 DALI-2 LED EMERGENCY TWINSPOT



Technical Data

Model Variant	FXTS02DL-NM-3
Rated Supply Voltage	220-240V AC
Mains Frequency	50 / 60 Hz
Max. Power Consumption	5W
Standby Power	< 0.5W
Emergency Output Power	3W
Lumen Output	440 lumens (220lm per head)
Rated Emergency Duration	3 hours
Battery Charge Time	< 20 hours
Operating Temperature	0 to 40°C
Insulation Class	Class II
Ingress Protection	IP 65
Impact Protection	IK 10
Dimensions (L x W x H)	226 x 227 x 60mm
Battery Compatibility	2 x 18650 Li-ion 3.6V 5.0Ah
Battery Code	FXC3.6-5000-B80
LED Type	EVERLIGHT 2835
Lens Type / Beam Angle	112° x 112°

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 < 20hrs.
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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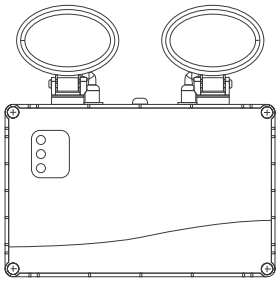
Indicator LED Status

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

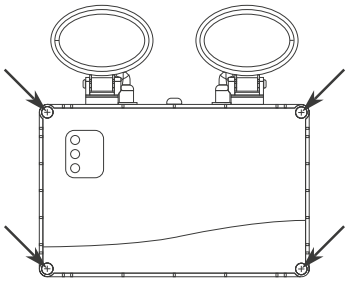
NOTE: “Slow Flash” = 1 flash every 2 seconds. “Fast Flash” = 2 Flashes per second

Installation Guide

1 Remove Product from Packaging

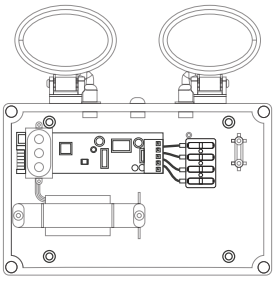


2 Remove Front Panel



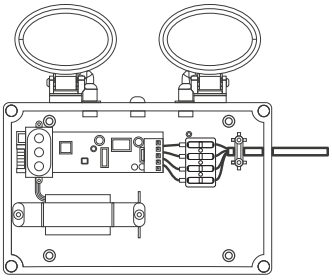
3 Body Installation

Secure to the mounting surface with appropriate hardware.
Knock out points are provided for conduit entry.



4 Restraint of Cables

Install supply cable through an appropriate access position and use the supplied gland to secure the cable and maintain the IP rating.

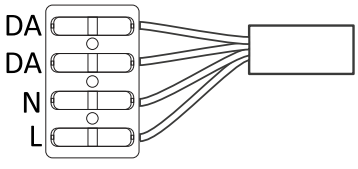


5 Connect Mains Supply

Terminate supply cables as indicated.

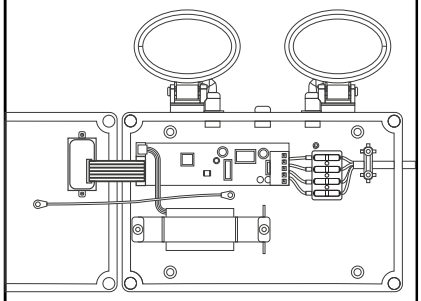
Terminals suitable for cable size:
0.75 to 1.5mm²
Insulation strip length of 8mm

N- neutral
L- Live
DA- DALI-2



6 Check the Indicator PCB

Ensure the connection wire between the indicator and main PCB is still connected before closing the front panel.



7 Complete Labels

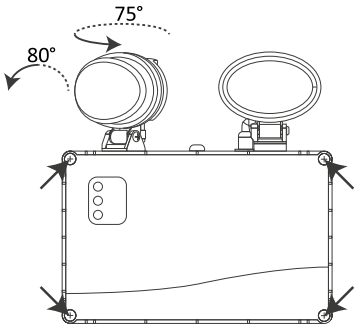
Complete the battery and luminaire labels.

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

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

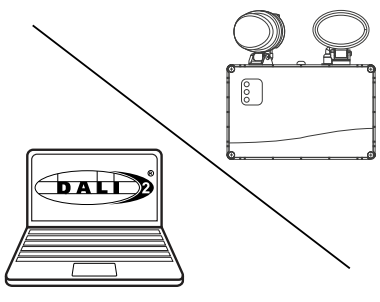
8 Refit Front Panel

Refit the front panel and adjust heads.



9 DALI

Commission with DALI-2 application controller.



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