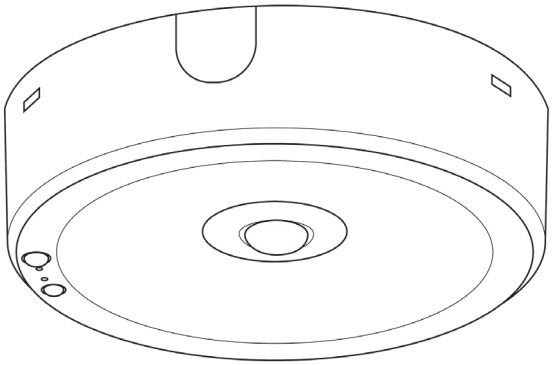
REF. V2.4.0 14-05-25

FOX LUX
EMERGENCY LIGHTING

FXSD02DL-3-O-3-BLK DALI-2 LED EMERGENCY SURFACE DOWNLIGHT



Technical Data

Model Variant	FXSD02DL-3-O-3-BLK
Rated Supply Voltage	220-240V AC
Mains Frequency	50 / 60 Hz
Max. Power Consumption	5W
Standby Power	< 0.5W
Emergency Output Power	3W nominal
Lumen Output	330 lumens
Rated Emergency Duration	3 hours
Battery Charge Time	< 20 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)	150Ø x 40mm
Battery Compatibility	2 x 18650 Li-ion 3.6V 5.0Ah
Battery Code	FXC3.6-5000-B80
LED Configuration	TD 5050
Lens Type / Beam Angle	Open Area / 140°

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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FXSD02DL-3-O-3-BLK DALI-2 LED EMERGENCY SURFACE DOWNLIGHT

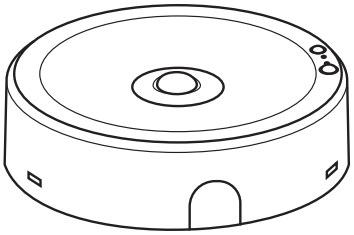
Indicator LED Status

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

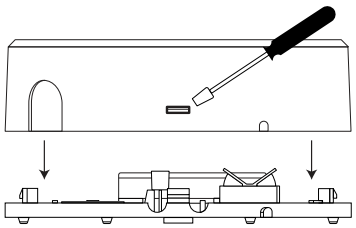
NOTE: “Slow Flash” = 1 flash every 2 seconds. “Fast Flash” = 2 Flashes per second

Installation Guide

1 Remove Product from Packaging

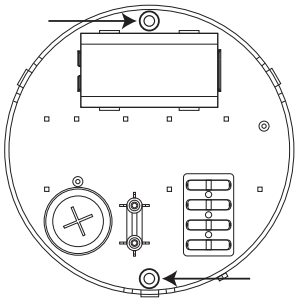


2 Remove Mounting Base



3 Install Mounting Base

Use the installation holes to mount the base.

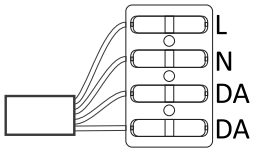


4 Connect to Power Supply

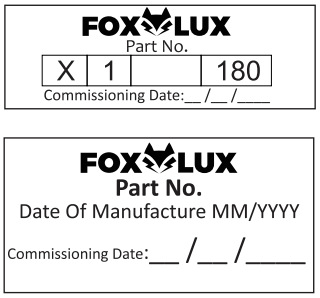
Terminate supply cables as indicated.

Terminals suitable for cable size
0.75 to 1.5 mm2
Insulation strip length of 8+1mm

N- neutral
L- Live
DA- DALI-2

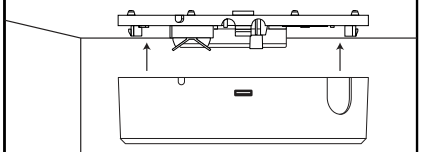


5 Complete Labels



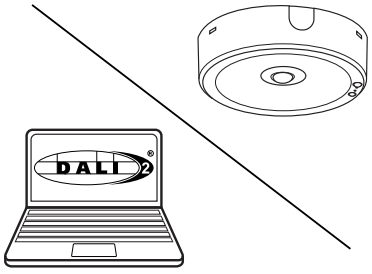
6 Attach Body to Base

Line up the catches and clip the front cover into place.



7 DALI

Commission with DALI-2 application controller.



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