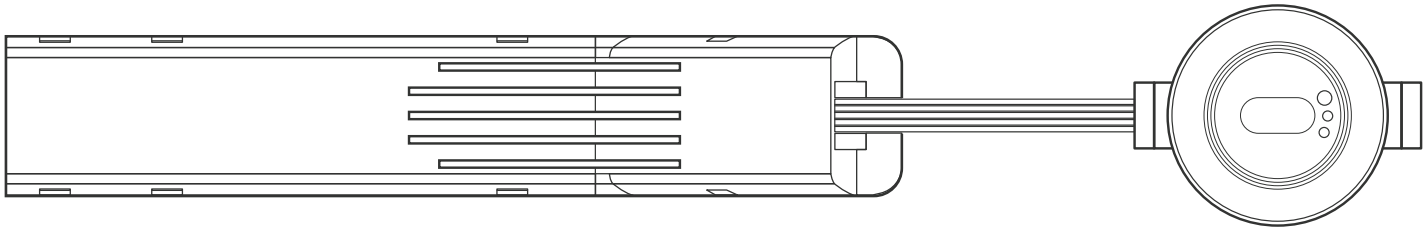
REF. V2.4.0 03-09-24

FOX LUX
EMERGENCY LIGHTING

FXD02DL-3-C-3 DALI-2 LED EMERGENCY DOWNLIGHT



Technical Data	
Model Variant	FXD02DL-3-C-3
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	290 lumens
Rated Emergency Duration	3 hours
Battery Charge Time	< 20 hours
Operating Temperature	0 to 40°C
Insulation Class	Class II
Ingress Protection	IP 54 (front face only)
Impact Protection	IK 06
Dimensions (L x W x H)	Head Ø 60 x 25mm / Body 230 x 82 x 40 mm
Battery Compatibility	2 x 18650 Li-ion 3.6V 5.0Ah
Battery Code	FXC3.6-5000-A35
LED Configuration	TD 5050
Lens Type / Beam Angle	Corridor / 147°x 80°

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.

Front face only

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FXD02DL-3-C-3 DALI-2 LED EMERGENCY DOWNLIGHT

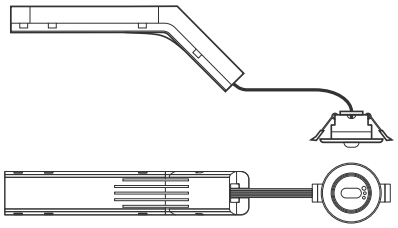
Indicator LED Status

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

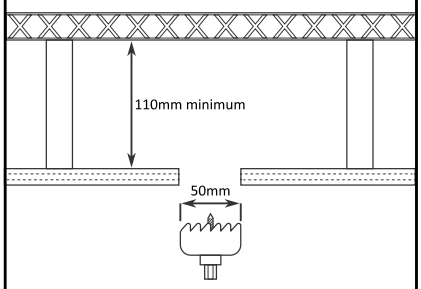
Installation Guide

1 Remove Product from Packaging



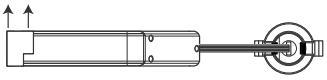
2 Prepare Mounting Location

Prepare 50mm cut out hole in mounting surface.

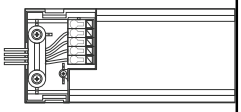


3 Connect Mains Supply

Remove terminal cover and connect supply cables as indicated.

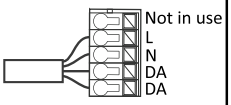


Terminals suitable for cable size 0.75 to 1.5 mm²
Insulation strip length of 6 mm

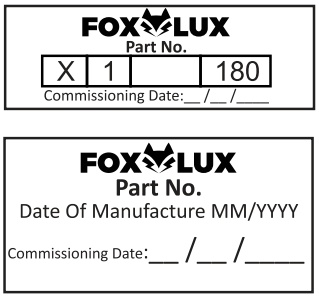


Non-maintained

L- Live
N- Neutral
DA- DALI-2

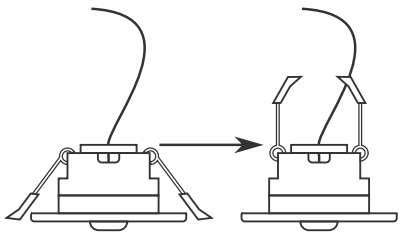


4 Complete Labels



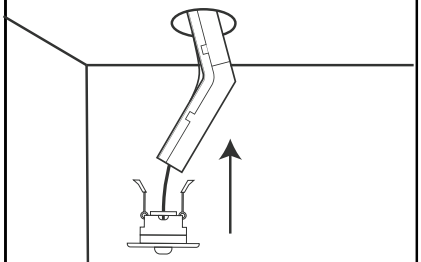
5 Adjust Luminaire Arms

Lift the luminaire arms up to prepare for installation.



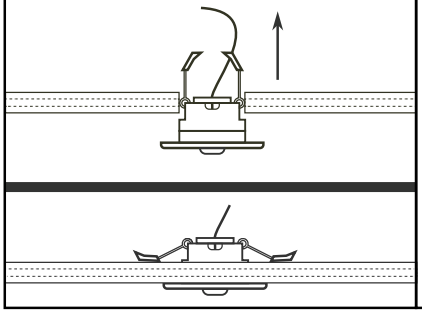
6 Install Gear Body

Feed the body of the luminaire through the mounting hole.



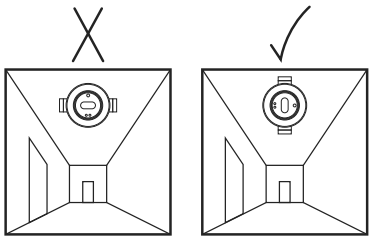
7 Fit Luminaire Head

Luminaire arms automatically fold down, securing the head in place.



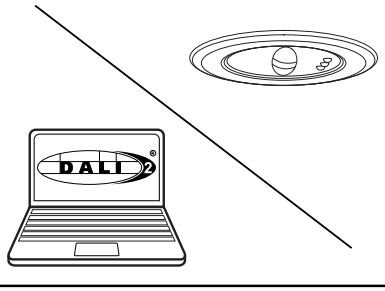
8 Corridor Lens Positioning

Ensure the lens is mounted in the correct position to achieve best illumination results.



9 DALI

Commission with DALI-2 application controller.



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