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Dimming

FX 48V Track luminaries can be dimmed. Unios recommends a 1-10V dimmer or DALI system optimised for LED technology. For non-standard configurations refer to driver data sheet.

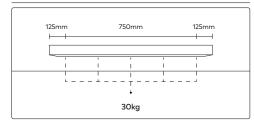
For full list of compatible drivers, see unios.com

For instructions on setting up Casambi, please visit unios.com/casambi.

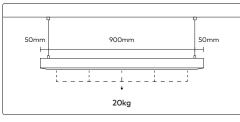
Load Bearing Guide

Note: This is a guide only and is intended to provide general information. Final load bearings are dependent on screws and mounting anchors used. It is the responsibility of the electrical contractor to check final weights.

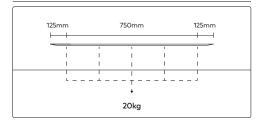
Surface mounted



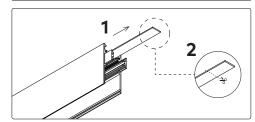
Suspended

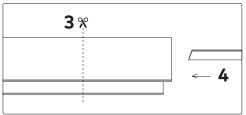


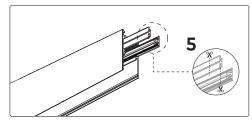
Trimless Recessed

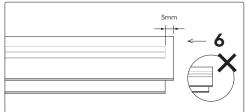


Track Cutting









Ambient Conditions

Recommended to install the FX Trimless Track in an ambient temperature <35°C.





FX

Base Codes

3 metre track 2 metre track (Surface Mounted) FXST3000

1 metre track FXST2000 FXST1000

Base Codes 3 metre track (Trimless Recessed) FXTT3000

2 metre track FXTT2000

1 metre track



48V DC 15A max

IP Ratina 20

Material Aluminium

Install Person/s 1-2x 🙎



48V TRACK SERIES









CAUTION – This product must be installed by a qualified installer

Please read instruction manual carefully before installing luminaire



Surge Protection

For comprehensive protection of a luminaire against electrical surges, surge protection shall be installed on the mains supply where required to protect luminaires and drivers from transient voltage damage.

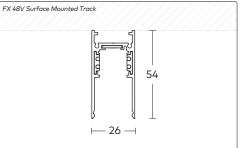
For warranty information visit unios.com/warranty

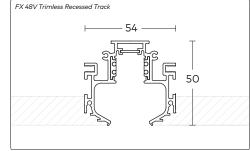
Please read these installation instructions carefully before installing this product. This product must be installed and maintained by a suitably qualified person/s in compliance with the latest applicable regulations and relevant legislation.

Unios does not warrant any claim based on defects or damage caused by misuse, improper installation, improper operation and/or modifications carried out by the purchaser or third parties. This product shall not be used as a 'working light' during construction. This will result in the warranty of the product to be void. For warranty duration, please refer to the data sheet.

Safety Instructions

- The FX 48V track has a maximum capacity of 15A or 720W. Consider LED driver output limitations when designing track systems and ensure only FX 48V luminaires are energised on this track system.
- Do not force the adaptor into a position or connection. It is the responsibility of the installer to ensure electrical, mechanical and thermal compatibility between the FX 48V track system and the luminaires installed on it.
- Ensure FX 48V Track is installed a minimum of 150mm from any combustible surface or material.
- Under no circumstances should the FX 48V track be installed in wet or damp conditions.
- For DALI configurations, it is a requirement to use a DALI isolator to provide SELV (Safety Extra-Low Voltage) isolation in accordance with applicable Australian Standards. The installing contractor is responsible for ensuring all wiring complies with the relevant codes and standards.
- FX 48V track is comprised of aluminium extrusion, copper tracks and thin steel flat bar. When cutting FX 48V track, ensure a clean cut is achieved by using a suitable cutting device.
- · Do not use free hand saws for cutting track. Remove any burrs to remove short circuit situations and ensure track is clean and free of any loose debris.
- · Do not supply power to track at more than one connection point.





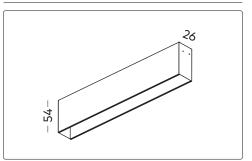








Surface Mounted Mounting Guide

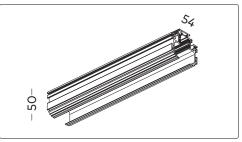


	Track Length						
Α.	Е	1	-	9	5		Α.
		\neg) (5 -	7		4
	С)		С	

Length	Α	В	С	D
1000	125	-	-	-
2000	125	998	-	-
3000	125	-	914	1167

All measurements are in millimetres.

Trimless Recessed Mounting Guide

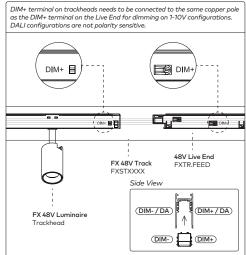




Length	Set Qty
1000mm	2
2000mm	3
3000mm	4

Mounting brackets are required to mount recessed product.

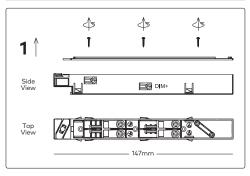
! IMPORTANT - Polarity

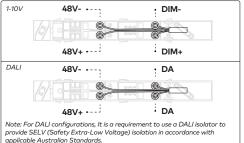


48V Live End

FXTR.FEED

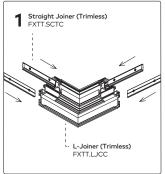
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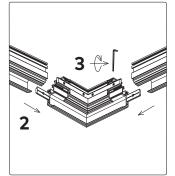


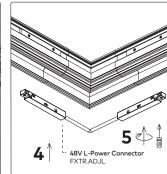


Trimless Recessed L-Connection

FXTR.ADJL supplied separately 2x FXTT.SCTC included

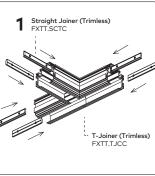


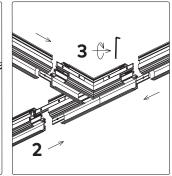


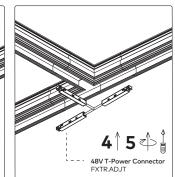


Trimless Recessed T-Connection

FXTR.ADJT supplied separately 3x FXTT.SCTC included

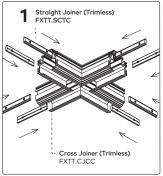


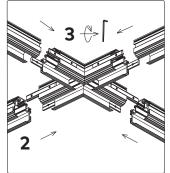


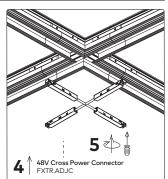


Trimless Recessed Cross Connection

FXTR.ADJC supplied separately 4x FXTT.SCTC included



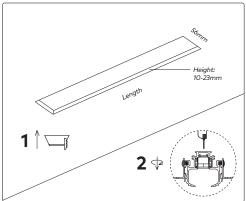


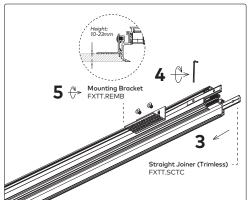


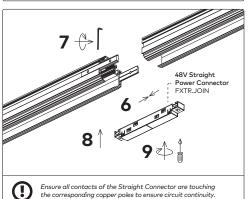


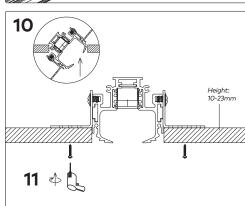


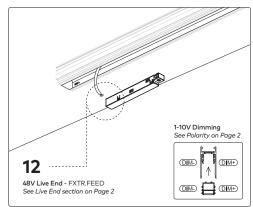
Trimless Recessed

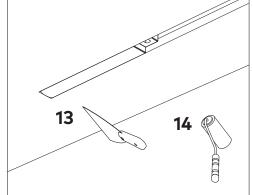






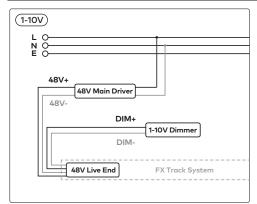


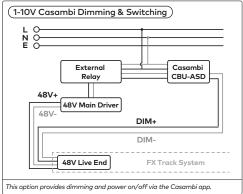


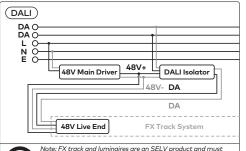


Wiring

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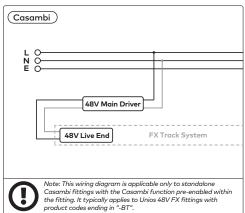


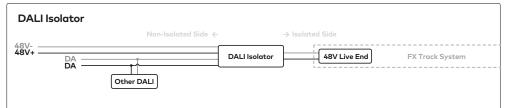






Note: FX track and luminaires are an SELV product and must remain appropriately isolated from non-SELV devices. As the DALI standard does not match the isolation requirements under AS/NZS standards, any DALI compliant device/bus connected to the FX solution must be either SELV or appropriately isolated from the FX solution. To ensure these requirements are met, an isolator is recommended - further guidance can be found in the DALI isolator wiring section on the right.





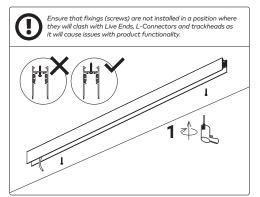
- The FX solution must not be directly connected to other non-SELV DALI devices. As the devices that are currently connected, or may be connected in the future, to the DALI bus cannot be guaranteed an isolator is required.
- The isolator can only accommodate a single DALI universe/bus, but multiple isolators may be used on the same bus for convenience in wiring.
- The isolated DALI bus supports up to 64 control gears and is fully DALI-2 compatible.
- All other DALI devices must reside on the non-isolated side. Connecting these to the isolated DALI side negates the isolation functionality.
- It is recommended to dedicate the isolated output to only FX track.
- Depending on locations, multiple isolators may be more convenient and avoid future devices being added to the isolated side.*
- The isolators require ABVDC power which can be sourced from the same driver that powers the track. The isolator has a passthrough connection for convenience but has a current limitation. This passthrough must not be used when the 48V driver size exceeds the capacity of the passthrough.

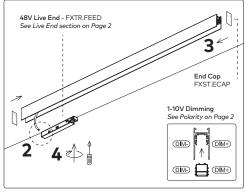


FXTR.ADJL supplied separately

unios.

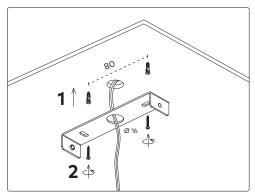
Surface Mounted

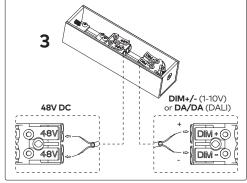


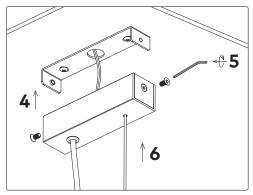


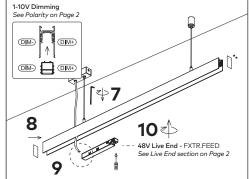
Suspended

Suspension Kit is supplied as an additional accessory

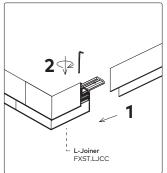


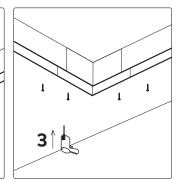


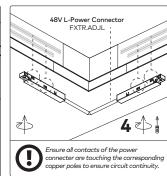




L-Connection

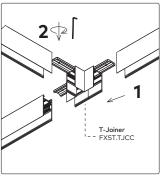


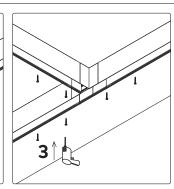


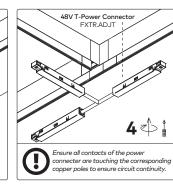


T-Connection

FXTR.ADJT supplied separately







Cross Connection

FXTR.ADJC supplied separately

