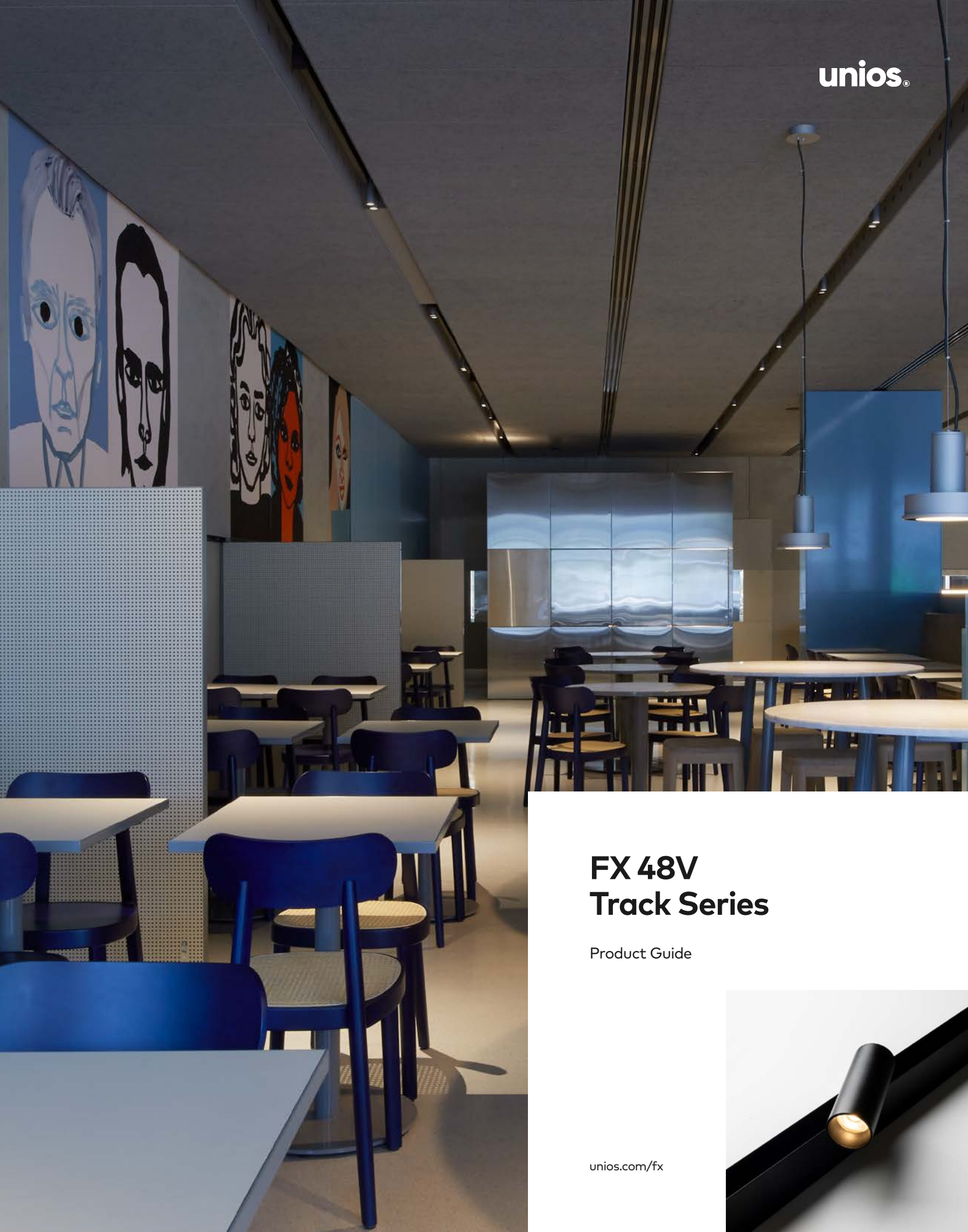


unios®



FX 48V Track Series

Product Guide

unios.com/fx



Unios Toolbox

This digital tool provides you with a platform for configuring, bookmarking and collaborating on luminaires for any project.

[unios.com/toolbox](#)

Catalogues

Stay up to date with the latest Unios luminaire releases with our range of product catalogues.

[unios.com/catalogues](#)

Education

With contributions from leading experts, Universal Light is dedicated to increasing the awareness of the impact of light and the lighting industry.

[unios.com/universallight](#)

White Papers

Learn about the specifics of new technologies and trending topics in methodically researched white papers.

[unios.com/whitepapers](#)

Lighting simplified.

Building digital tools.
Sharing new knowledge.

Contents

Overview

| | |
|-------------------------------|----|
| Overview | 6 |
| Mini Spotlight | 10 |
| Mounting | 12 |
| Indirect Lighting | 14 |
| Seamless DALI | 16 |
| Dimming Control | 18 |
| Accessories | 20 |
| Building the FX Configuration | 22 |

General Specifications

| | |
|---------------------------------|----|
| FX 48V Spotlight | 24 |
| FX 48V Darklight | 26 |
| FX 48V Wallwasher | 28 |
| FX 48V Linear Light | 30 |
| FX 48V Orb Light | 32 |
| FX 48V Indirect Suspended Track | 34 |
| FX 48V Track | 36 |





The endless possibilities of a 48V track system

The FX 48V Track Series knows no bounds when it comes to illumination capabilities. With a variety of compatible luminaires, diverse in sizes, finishes and optics, you have the option to mix and match from the narrowest to a wide beam angle. As a 48V track system, the FX allows swift installations through magnetic connectors, eliminating the need for tools. The innovative lighting solution provides

versatility from its modular range while guaranteeing safety with the low DC voltage. At 48V, the FX Series is safe to touch (SELV), so you can simply plug and play with suitable luminaires to create the ideal lighting environment. Perfect for wall and ceiling applications, the FX Track opens the possibilities for creative lighting design in any project, from residential to commercial.

A Comprehensive Luminaire Range

THE DEFINITIVE SUITE OF 48V LUMINAIRE



Spotlight

Perfect for minimal and contemporary settings, the spotlight is an all-rounder solution with diverse applications. Complementing its adaptable nature, the FX Spotlight is ideal in its ability to provide concentrated and focused illumination that can rotate in all directions.



Darklight

Engineered with excellent glare control capabilities, the Darklight is low glare, unobtrusive and discreet, perfect for projects that demand visual comfort while delivering optimal light output.



Wallwasher

Paint your walls with the soft illumination from the FX Wallwasher. The luminaire works to add visual interest to any space through an even spread of light, accentuating wall surfaces and textures. Designed with flexibility, the Wallwasher is available in two distinct sizes.



Linear

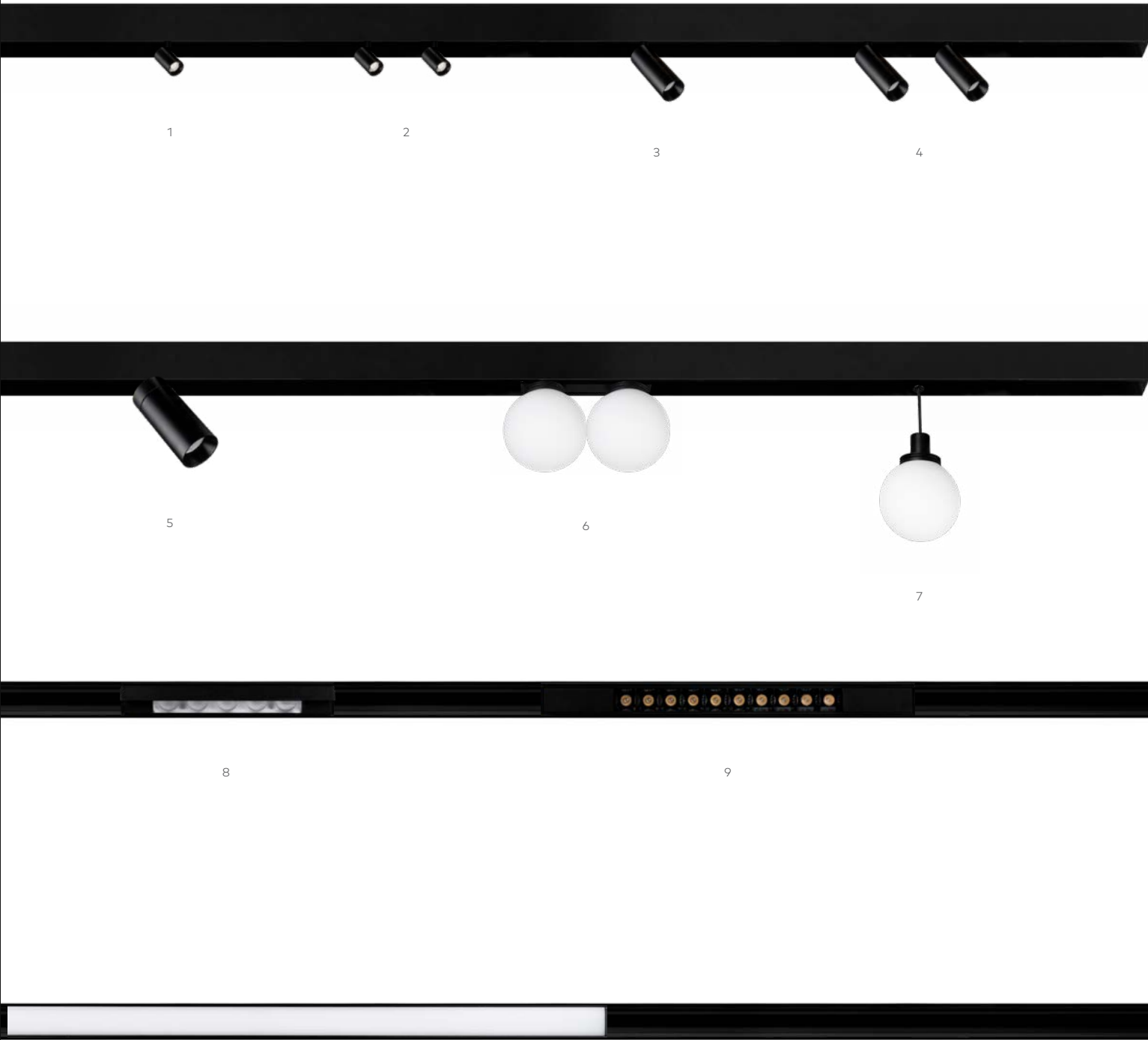
Follow the lines with this linear profile range. The FX Linear Light emanates a continuous flow of illumination, allowing creative geometric play with light to create dynamic patterns on wall and ceiling surfaces.



Orb

With 360° of gentle illumination, the Orb can be mounted or suspended in a setup of single or double glass spheres. The Orb makes for a stunning feature in any space as a modern addition to the range.

- 1 S26 Single Spotlight
- 2 S26 Double Spotlight
- 3 S40 Single Spotlight
- 4 S40 Double Spotlight
- 5 S60 Single Spotlight
- 6 R100 Double Orb Light
- 7 P100 Orb Pendant
- 8 W02 Wallwasher
- 9 W03 Wallwasher
- 10 D02 Darklight
- 11 D03 Darklight
- 12 L05 Linear Light
- 13 L11 Linear Light



Mini Spotlight

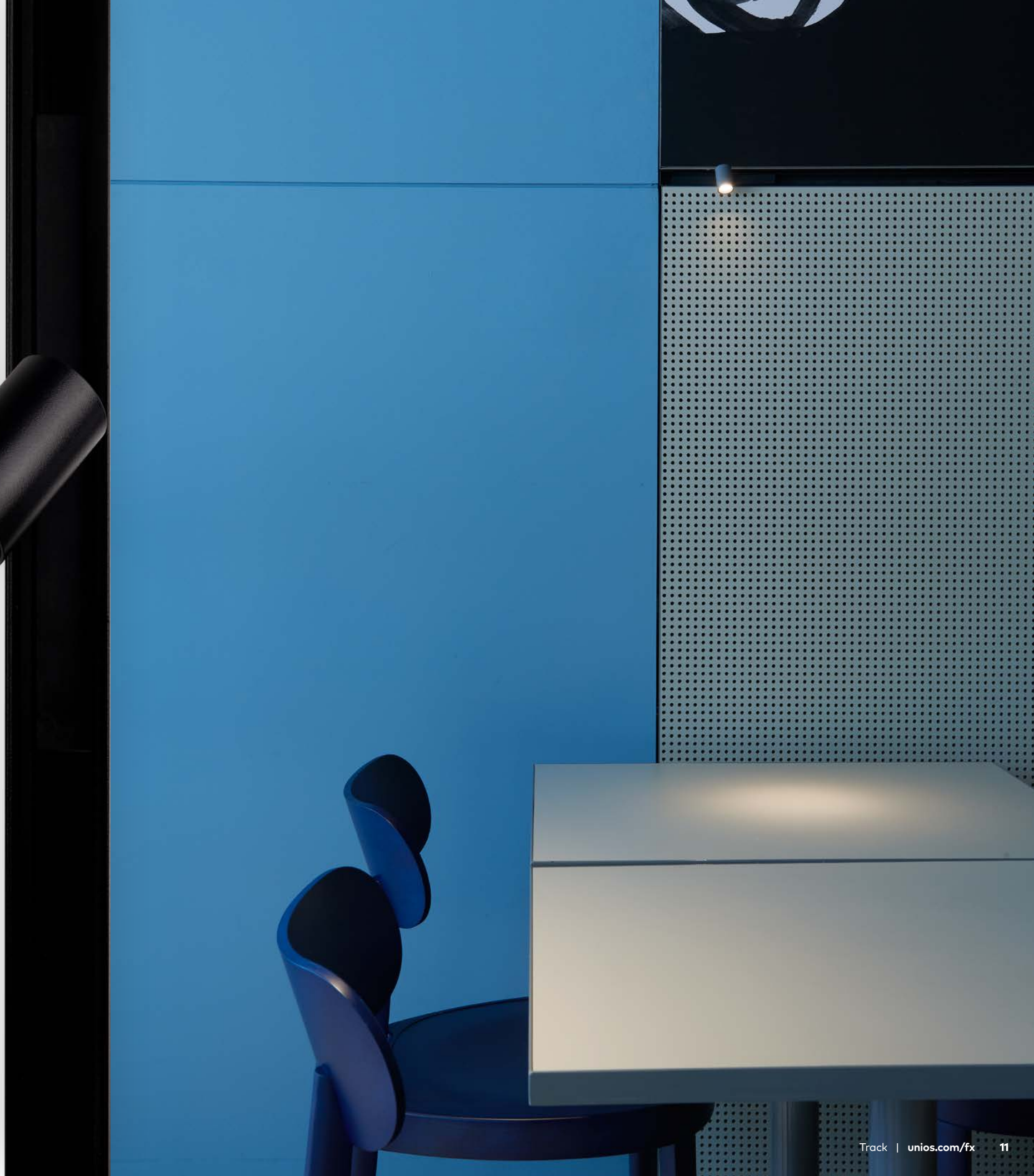


Actual Size
43x26mm

Enter the world of
miniaturised luminaires

Every effort was made to create a spotlight collection that could bear the name "miniature". The latest optics, miniaturised DALI technology and refined materials have been used to create the FX spotlight variations. With the freedom that only a clip-in track solution can offer, these petite luminaires can now be added, removed or adjusted whenever

and wherever needed. Ideal for a minimal aesthetic, where luminaire design should remain unobtrusive, these miniaturised fixtures come refined like never before. Perfecting the balance between size and luminous flux, the FX Spotlight provides a clean aesthetic while ensuring optimal visual comfort and minimal glare from its compact form.



Mounting

With trimless recessed, surface mounted and suspended options available, the FX 48V Track Series is the perfect example of adaptable and flexible architectural lighting. These three mounting options allow for even more versatility and personalisation to contemporary environments.



Trimless Recessed

Draw lines through space by running the FX Track across walls and ceilings. With the FX Recessed option, multiple shapes can take form. Designed with a trimless aesthetic, the track sits flush into surfaces while creating seamless lines of light.



Surface Mounted

The surface-mounted variation of the FX 48V Track is simple in installation and ideal for projects that desire a sleek and elegant aesthetic. This surface-mounted solution will introduce shapes to surface planes while illuminating and emphasising architectural elements.



Suspended

The FX Suspended is ideal for design applications with elevated ceiling heights or in occasions where a linear pendant appearance is desired. Create a customised suspended pendant track system by mixing and matching the FX linear profiles, wallwashers, orb lights, spotlights and darklights.





Add a layer of ambience with the FX 48V Indirect Track

Designed to cast light upwards, the FX Indirect Track brings brightness into the space via light reflections on the ceiling. This indirect light source seamlessly complements the direct illumination provided by FX Spotlight, Wallwasher, Darklight, Linear Light or Orb fixtures, introducing layers of depth and visual interest to the space.

With the FX Indirect Track, there's added flexibility in how a

space may be perceived. When undertaking activities that require focus, the FX Darklight or Spotlight meet task lighting needs, while the FX Indirect adds ambience, subtly brightening the area. In times of leisure and comfort, the FX Indirect assumes the role of a primary light source, as it is low glare with adjustable brightness to build a gentle and relaxing ambience.



A standard DALI track mounted luminaire



An FX 48V DALI track mounted spotlight

Track mounted DALI without the bulk

Traditionally, DALI track mounted luminaires would require a sizable gearbox to house the driver. The FX 48V Track Series forgoes the need to have a gearbox by embedding the DALI componentry directly into the track adaptor. The result is a DALI track mounted luminaire that is visually indiscernible compared

to a standard track mounted luminaire. This miniaturisation of DALI componentry has been accomplished through Tridonic DALI DC-String technology, reducing the standard 4-wires required for DALI to 2. Achieve all the benefits of DALI control without any of the bulk with the FX 48V Track Series.

↑
A comparison between a standard track mounted luminaire (top) and a FX 48V track mounted spotlight (bottom)



DALI DC-String for more control than ever

Tridonic DALI DC-String technology allows 48V power and control signals to pass through the same circuit while physically separating the DALI bus from the FX Track. This system reduces the number of conductors required in the FX Track components and

enables individual luminaire control on the same circuit. The remote 48V DC-String power supply is available in 75W and 150W. It delivers all the control benefits of DALI and still retains the Safety Extra Low Voltage (SELV) classification of the track.

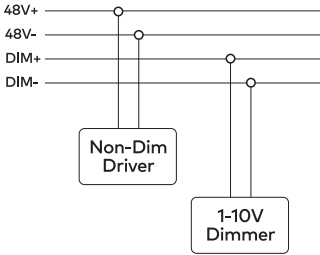
| | 1-10V Dimming | DALI DC-String Technology | Casambi Bluetooth |
|--------------------------|--------------------------------------|--------------------------------------|---|
| Mounting Compatibility | Recessed, Surface Mounted, Suspended | Recessed, Surface Mounted, Suspended | Recessed, Surface Mounted, Suspended |
| Voltage | 48V Safe to touch | 48V Safe to touch | 48V Safe to touch |
| Dimming Control Location | Remote | Remote, In-Track | In-Track |
| Additional Wiring | Required | Required | Not Required |
| Max Driver Capacity | 720W | 150W | 720W |
| Luminaire Compatibility | All FX 48V luminaire range | All FX 48V luminaire range | All FX 48V luminaire range except for S26 Spotlight |
| Availability | Stocked | Assembled | Assembled |

1-10V

2 Power Cables, 2 Dimming Cables

Allows for basic dimming control of the entire track as a single group

Polarised dimming

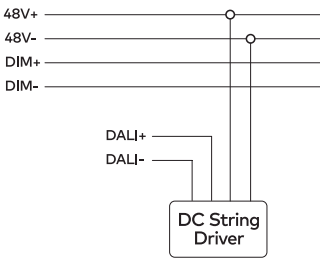


DALI DC-String

2 Power Cables

Each luminaire on the track can be individually addressed and controlled

Non-polarised dimming

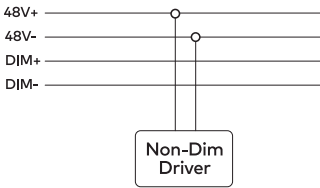


Casambi

2 Power Cables

Individual and/or grouped control of luminaires via the Casambi app

Non-polarised dimming



1-10V Dimming and polarity

As the FX 48V luminaires come standard as 1-10V dimmable, the track system must accommodate for these dimming channels. Consequently, there is a DIM+ and DIM- side, which is labelled along the inside of the track. Each luminaire must be installed

into the system with the right orientation for the dimming to function correctly. A 1-10V analogue dimming module can be wired directly to the track through the Live Power Feed.

DALI DC-String

Tridonic DALI DC-String technology allows 48V power and control signals to pass through the same circuit while physically separating the DALI bus from the FX Track. This system reduces the number of conductors required in the FX Track components and

enables individual luminaire control on the same circuit. The remote 48V DC-String power supply is available in 75W and 150W. It delivers all the control benefits of DALI and still retains the Safety Extra Low Voltage (SELV) classification of the track.

Casambi

The FX 48V luminaires operate seamlessly through Casambi, offering individual luminaire control without the need for a complex control system. Each FX luminaire features an in-track Casambi driver, eliminating the need for any additional

wiring for dimming control. The track and luminaire system can be effortlessly managed and commissioned via the user-friendly Casambi app, allowing users to create personalised scenes, set up automation, and configure luminaire groupings.

The FX 48V Track comes in three key types: Track and accessories, mechanical joiners and electrical components. See how it all works together with each component colour coded as below:

Track and Accessories

Accessories for mounting, end caps and track covers available for track.

Surface Mounted/Suspended Track & Accessories

FX 48V Surface Track

FX Surface End Cap

FX Stainless Steel Suspension Wire

Trimless Recessed Track & Accessories

FX 48V Trimless Recessed Track

FX Trimless Recessed Mounting Brackets

FX Recessed End Cap

Accessories

FX Track Cover

Mechanical Joiners

Components to create shapes and joining tracks together.

Surface Mechanical Joiners

FX Surface Mechanical Track Joiner

FX Surface Mechanical L Joiner

FX Surface Mechanical Ceiling to Wall L Joiner

Trimless Recessed Mechanical Joiners

FX Trimless Recessed Mechanical Track Joiner

FX Trimless Recessed Mechanical L Joiner

FX Trimless Recessed Mechanical Ceiling to Wall L Joiner

FX Trimless Recessed Mechanical T Joiner

FX Trimless Recessed Mechanical Cross Joiner

Electrical Components

Electrical components used to power the whole configuration.

Power Feeds

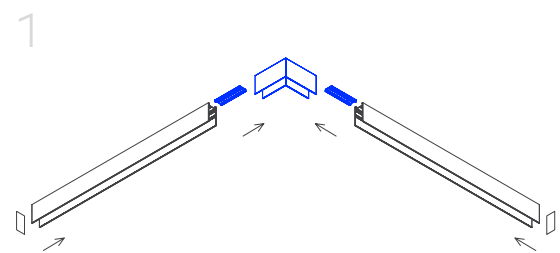
FX 48V Live Power Feed

FX 48V Suspended Canopy Kit

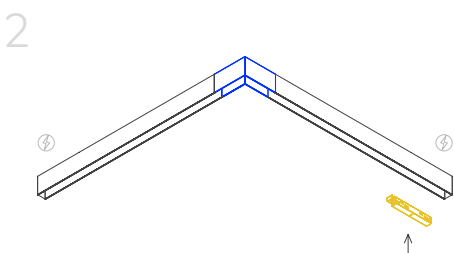
Power Connectors

FX 48V Straight Power Connector

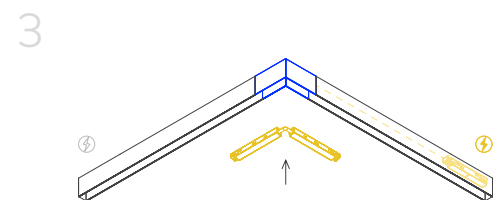
FX 48V L Power Connector



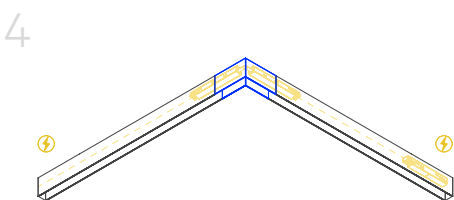
Use Mechanical Joiners to join two tracks together



Use Live Power Feed to connect to power

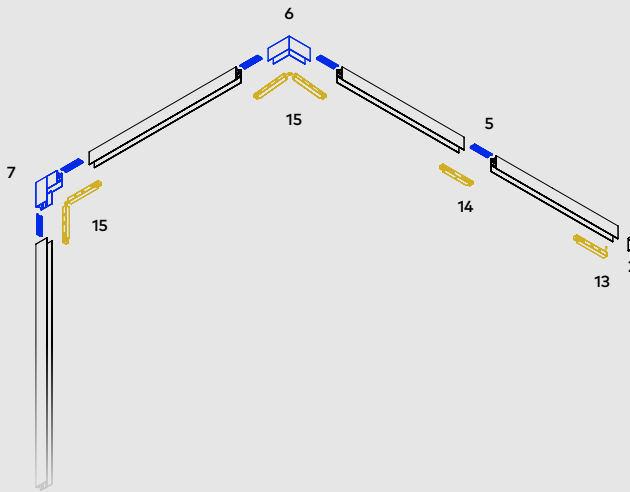


Use Power Connectors to continue power to another track

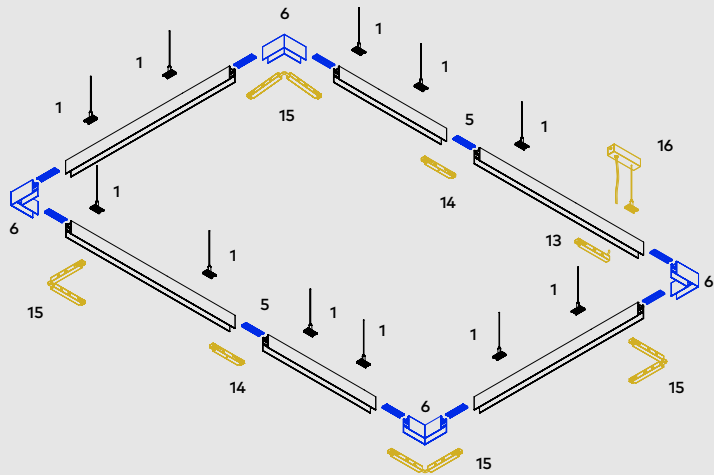


The configuration is now powered throughout

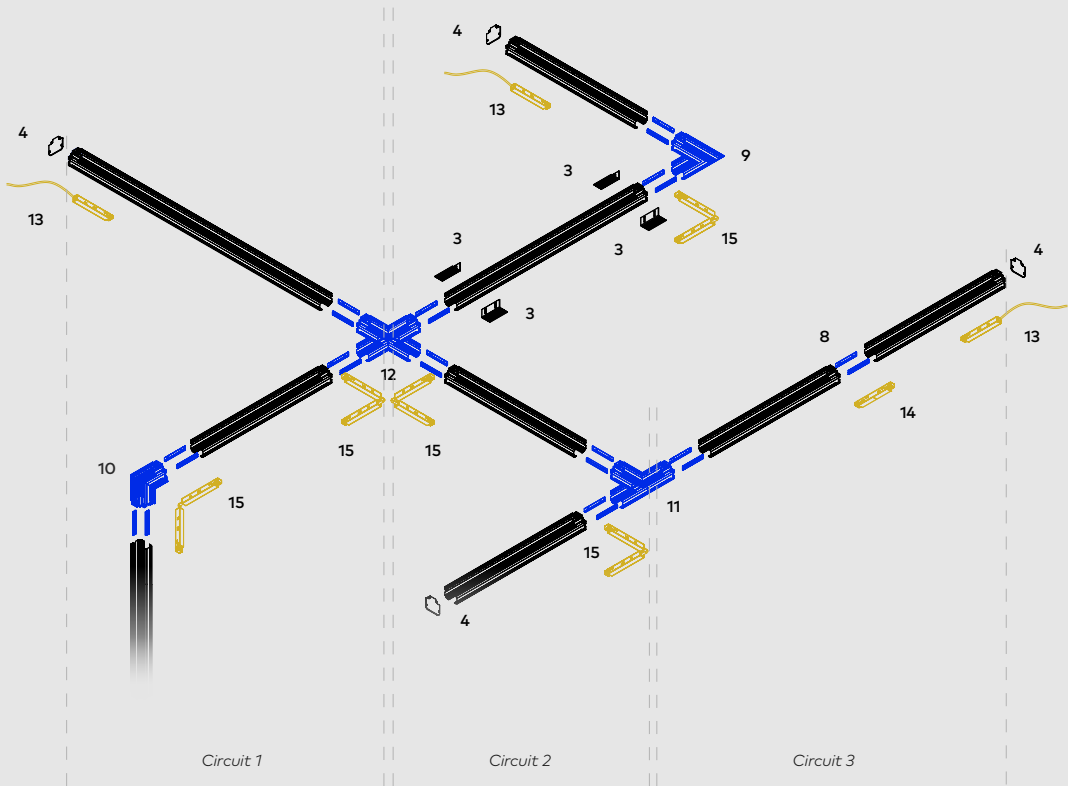
Surface Mounted Track



Suspended Track



Trimless Recessed



Track and Accessories

- 1 FX Stainless Steel Wire
- 2 FX Surface End Cap
- 3 FX Trimless Recessed Mounting Brackets
- 4 FX Trimless Recessed End Cap

Mechanical Joiners

- 5 FX Surface Mechanical Track Joiner
- 6 FX Surface Mechanical L Joiner
- 7 FX Surface Mechanical L Joiner (Ceiling to Wall)
- 8 FX Trimless Recessed Mechanical Track Joiner
- 9 FX Trimless Recessed Mechanical L Joiner
- 10 FX Trimless Recessed Mechanical L Joiner (Ceiling to Wall)
- 11 FX Trimless Recessed Mechanical T Joiner
- 12 FX Trimless Recessed Mechanical Cross Joiner

Electrical Components

- 13 FX 48V Live Power Feed
- 14 FX 48V Straight Power Connector
- 15 FX 48V L Power Connector
- 16 FX 48V Suspended Canopy Kit

Note: Both mechanical joiners and power connectors are required to complete a track set-up.

Building the FX configuration

Follow the steps below to get started on your FX 48V Track configuration:



1 Track and Mounting Accessories
Select the track based on the desired mounting application along with suitable track mounting accessories and end caps that are available.

For trimless track, ensure that space for trimless configurations are considered in the build plans. Trimless track can not be installed in locations where there are solid objects located in the path of the track.

For suspended installations ensure that suspension points are spaced at a maximum of 1000mm apart.



2 Mechanical Joiners
Choose from a straight, L, T and Cross (pending on the track selection) mechanical joiners to create the desired shape of your track configuration.

Ensure that an L Ceiling to Wall Joiner is selected for locations requiring the track to transition from ceiling to wall.

Please note luminaires are not able to be installed at mechanical joins



3 Electrical Components
Select the electrical components required. Every configuration will need a Live Power Feed and power connectors on each track to maintain electrical continuity.

The separated physical and electrical joiner components allow the isolation/separation of electrical circuits in the same configuration.

Power Feed and Connectors are universal and can be used for both surface and trimless recessed tracks.

Configurations with T and Cross mechanical joiners will require multiple Live Power Feeds.



4 Luminaires
Select the luminaires from the FX 48V luminaire range. The FX Series allow combinations of luminaires in a single track for creative applications.

See the product general specification sheet for the complete list of FX 48V luminaire range.

For 1-10V dimmable applications, ensure that the polarity of luminaire aligns with the polarity of the Live Power Feed.



5 Drivers
Select the 48V driver for your configuration.

Use this simple formula to see if your power source is suitable for light requirements (Note: It is recommended to have at least 20% head room for the driver to avoid triggering the overcurrent protection):

Number of fittings x Fitting Wattage x 1.2 = Driver Wattage Required



6 Dimming and Smart Control
Select between 1-10V and DALI dimming. Casambi can be added for dimming flexibility with minimal installation cost as it eliminates the need for wall dimmers and a DALI control system.

1-10V dimming requires an extra 2-core cable from the 48V Live Power Feed to the dimmer which needs to be considered prior to installation

DALI dimming and Casambi allows the individual control of luminaires.





FX

48V Spotlight



| | | LED Power | Lumens (at 3000K) | Beam | Weight | UGR | SDCM |
|---|----------------------|-------------|-------------------|-----------|--------|-----|------|
| 1 | S26 Single Spotlight | 2W (700mA) | 103lm | 12° 20° | 100g | <16 | ≤3 |
| 2 | S40 Single Spotlight | 11W (350mA) | 761lm | 18° 33° | 300g | <10 | ≤2 |
| 3 | S60 Single Spotlight | 18W (500mA) | 1652lm | 24° 36° | 500g | <10 | ≤2 |
| 4 | S26 Double Spotlight | 4W (700mA) | 2x 103lm | 12° 20° | 140g | <16 | ≤3 |
| 5 | S40 Double Spotlight | 22W (350mA) | 2x 761lm | 18° 33° | 500g | <10 | ≤2 |

| Key Information | | Design | | Performance | | Driver | |
|-----------------|-------------------------------|----------------|-------------------------|-----------------------------------|-----------------|---|----------|
| Mounting | 48V Track | Product Family | FX 48V | Lumen efficacy | Up to 90lm/W | 1-10V | In-Track |
| Finish | ■ Textured Black | Adjustability | 355° Rotation, 90° Tilt | CRI (Ra/R9) | 90+ (R9: >50) | DALI (DC-String) | In-Track |
| | □ Textured White | Material | Powder Coated Aluminium | Lifetime (Ta 25°C) | >60,000h L80B10 | Bluetooth | In-Track |
| | ■ Textured Black/Gold | | | Ambient Temperature Range | 10°- 30°C | Driver Notes S26 Spotlights are not bluetooth compatible. | |
| | ■ Textured White/Gold | | | COI Compliance model requirements | 4000K | | |
| | ■ Textured Black/White | IP Rating | IP20 | | | | |
| | □ Textured White/Black | Class Rating | Class III | | | | |
| LED CCT | ■ 2700K ■ 3000K ■ 4000K | | | | | | |
| Warranty | 5 Year | | | | | | |



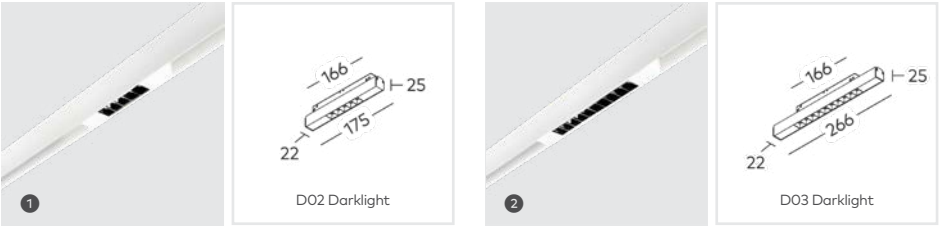
| Available Accessories | Available Accessories |
|------------------------------------|------------------------------------|
| Honeycomb Lens (for reduced glare) | Honeycomb Lens (for reduced glare) |





FX

48V Darklight



| | | LED Power | Lumens (at 3000K) | Beam | Weight |
|---|---------------|-------------|-------------------|------|--------|
| 1 | D02 Darklight | 8W (500mA) | 614lm | 40° | 160g |
| 2 | D03 Darklight | 15W (500mA) | 1180lm | 36° | 220g |

| Key Information | | Design | | Performance | | Driver | |
|-----------------|-------------------------------|----------------|-------------------------|-----------------------------------|-----------------|---------------------------|----------|
| Mounting | 48V Track | Product Family | FX 48V | Lumen efficacy | Up to 83lm/W | 1-10V | In-Track |
| Finish | ■ Textured Black | Material | Powder Coated Aluminium | CRI (Ra/R9) | 90+ (R9: >50) | DALI (DC-String) In-Track | |
| | □ Textured White/Black | | | UGR | <10 | Bluetooth In-Track | |
| LED CCT | ■ 2700K ■ 3000K ■ 4000K | IP Rating | IP20 | Lifetime (Ta 25°C) | >60,000h L80B10 | | |
| Warranty | 5 Year | Class Rating | Class III | Ambient Temperature Range | 10°- 30°C | | |
| | | | | SDCM | ≤3 | | |
| | | | | COI Compliance model requirements | 4000K | | |





FX

48V Wallwasher



| | | LED Power | Lumens (at 3000K) | Beam | Weight |
|---|----------------|-------------|-------------------|------|--------|
| 1 | W02 Wallwasher | 11W (700mA) | 437lm | 95° | 210g |
| 2 | W03 Wallwasher | 21W (700mA) | 944lm | 70° | 300g |

| Key Information | | Design | | Performance | | Driver | |
|-----------------|--------------------------------------|----------------|-------------------------|-----------------------------------|-----------------|------------------|----------|
| Mounting | 48V Track | Product Family | FX 48V | Lumen efficacy | Up to 47lm/W | 1-10V | In-Track |
| Finish | ■ Textured Black □ Textured White | Material | Powder Coated Aluminium | CRI (Ra/R9) | 90+ (R9: >50) | DALI (DC-String) | In-Track |
| LED CCT | ■ 2700K ■ 3000K ■ 4000K | IP Rating | IP20 | Lifetime (Ta 25°C) | >60,000h L80B10 | Bluetooth | In-Track |
| Warranty | 5 Year | Class Rating | Class III | Ambient Temperature Range | 10°- 30°C | | |
| | | | | SDCM | ≤3 | | |
| | | | | COI Compliance model requirements | 4000K | | |





FX

48V Linear Light



| | | LED Power | Lumens (at 3000K) | Beam | Weight |
|---|------------------|-------------|-------------------|------|--------|
| 1 | L05 Linear Light | 13W (700mA) | 879lm | 115° | 320g |
| 2 | L11 Linear Light | 25W (500mA) | 1711lm | 115° | 610g |

| Key Information | | Design | | Performance | | Driver | |
|-----------------|--|----------------|-----------------------------------|---------------------------|-----------------|------------------|----------|
| Mounting | 48V Track | Product Family | FX 48V | Lumen efficacy | Up to 73lm/W | 1-10V | In-Track |
| Finish | <div><div></div> Textured Black</div> <div><div></div> Textured White</div> | Material | Powder Coated Aluminium | CRI (Ra/R9) | 90+ (R9: >50) | DALI (DC-String) | In-Track |
| | | | | UGR | <22 | Bluetooth | In-Track |
| LED CCT | <div><div></div> 2700K</div> <div><div></div> 3000K</div> <div><div></div> 4000K</div> | IP Rating | IP20 | Lifetime (Ta 25°C) | >60,000h L80B10 | | |
| | | Class Rating | Class III | Ambient Temperature Range | 10°- 30°C | | |
| Warranty | 5 Year | | | SDCM | ≤3 | | |
| | | | COI Compliance model requirements | 4000K | | | |





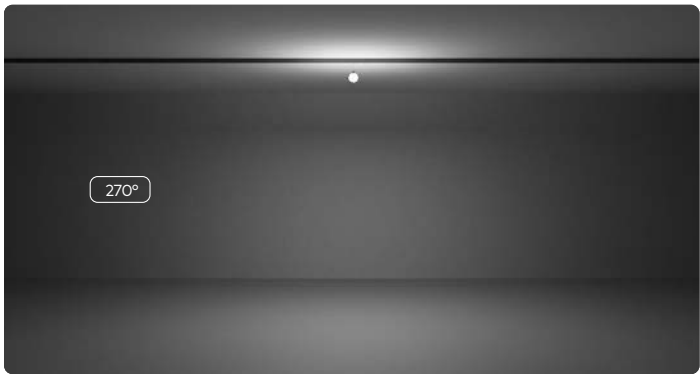
FX

48V Orb Light



| | | LED Power | Lumens (at 3000K) | Beam | Weight |
|---|-----------------------|-------------|-------------------|------|--------|
| 1 | R100 Double Orb Light | 12W (700mA) | 1160lm | 270° | 550g |
| 2 | P100 Orb Pendant | 6W (700mA) | 588lm | 270° | 400g |

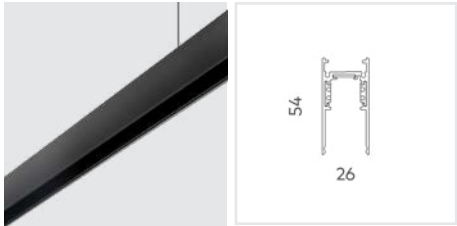
| Key Information | | Design | | Performance | | Driver | |
|-----------------|--------------------------------------|----------------|-------------------------|-----------------------------------|-----------------|------------------|----------|
| Mounting | 48V Track | Product Family | FX 48V | Lumen efficacy | Up to 89lm/W | 1-10V | In-Track |
| Finish | ■ Textured Black □ Textured White | Material | Powder Coated Aluminium | CRI (Ra/R9) | 90+ (R9: >50) | DALI (DC-String) | In-Track |
| LED CCT | ■ 2700K ■ 3000K ■ 4000K | IP Rating | IP20 | Lifetime (Ta 25°C) | >56,000h L70B10 | Bluetooth | In-Track |
| Warranty | 5 Year | Class Rating | Class III | Ambient Temperature Range | 10°- 30°C | | |
| | | | | SDCM | ≤3 | | |
| | | | | COI Compliance model requirements | 4000K | | |





FX

48V Indirect Suspended Track



| | Indirect LED Power | Lumens (at 3000K) | Length | Beam | Maximum Load Bearing |
|-----------------------------------|--------------------|-------------------|------------------------|------|----------------------|
| ❶ FX 48V Indirect Suspended Track | 5W/m (24V DC) | 245lm/m | 1000mm, 2000mm, 3000mm | 100° | 20kg/m |
| | 10W/m (24V DC) | 480lm/m | | | |
| | 15W/m (24V DC) | 701lm/m | | | |
| | 20W/m (24V DC) | 930lm/m | | | |


| Key Information | | Design | | Performance | | Driver | |
|--------------------------------|--|----------------|--------------------------------------|---------------------------|-----------------|--|--------|
| Mounting | Ceiling Suspended | Product Family | FX 48V | Lumen efficacy | Up to 69lm/W | Non-Dim | Remote |
| Track Mount | 48V Low Voltage | Material | Powdercoated Aluminum, PMMA Diffuser | CRI (Ra/R9) | 90+ (R9: >50) | DALI | Remote |
| Finish | <div><div></div> Textured Black</div> <div><div></div> Textured White</div> | | | Lifetime (Ta 25°C) | >54,000h L80B10 | Bluetooth | Remote |
| Diffuser | <div><div></div> Opal Diffuser</div> | IP Rating | IP20 | Ambient Temperature Range | 10°- 30°C | Driver notes | |
| Strip Compatibility | Eclipse EC10 (10mm) | Class Rating | Class III | SDCM | ≤3 | Two drivers required to operate. 24V DC Driver for the indirect lighting and 48V DC for the track. | |
| LED CCT | <div><div></div> 2700K</div> <div><div></div> 3000K</div> <div><div></div> 4000K</div> | Cable Length | 3 metres | | | | |
| Warranty | 3 Years | No. of LED's | 120/m | | | | |
| | | | | | | | |
| Power Feeds | | | | | | | |
| FX 48V Live Power Feed | | | | | | | |
| FX 48V 3m Suspended Canopy Kit | | | | | | | |




| Available Accessories | Notes |
|-----------------------|--|
| FX Track Cover Plate | Remote 48V power supply required for all application. Mains voltage strictly cannot be connected to track. |




Track

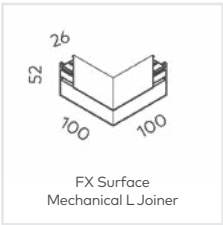





FX 48V Surface Track

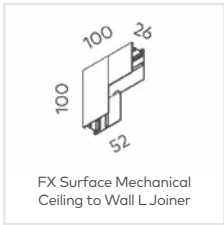
Mechanical Joiners







FX Surface Mechanical L Joiner





FX Surface Mechanical Ceiling to Wall L Joiner





FX Surface Mechanical Track Joiner

| | | Length | Maximum Load Bearing |
|---|------------------------|------------------------|----------------------|
| 1 | FX 48V Surface Track | 1000mm, 2000mm, 3000mm | 30kg/m |
| 2 | FX 48V Suspended Track | 1000mm, 2000mm, 3000mm | 20kg/m |

| Key Information | | Power Feeds | Power Connectors | Available Accessories |
|-----------------|---|--|---|---|
| Mounting | Ceiling Surface, Ceiling Suspended, Wall Surface | FX 48V Live Power Feed FX 48V 3m Suspended Canopy Kit | FX 48V Straight Power Connector FX 48V L Power Connector | 3m FX Stainless Steel Suspension Wire 2x Surface End Cap FX Track Cover Plate |
| Finish | <input checked="" type="checkbox"/> Textured Black <input type="checkbox"/> Textured White | | | |
| Warranty | 5 Years | | | |
| Track Mount | 48V Low Voltage | | | |

Notes


Remote 48V power supply required for all application. Mains voltage strictly cannot be connected to track.

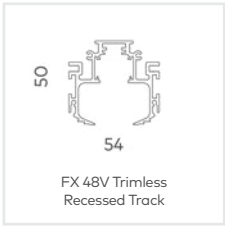
Power connectors are required for multiple lengths of track to continue power across track configuration.

Surface Mechanical Track Joiners are required for joining surface and suspended track together.




Track

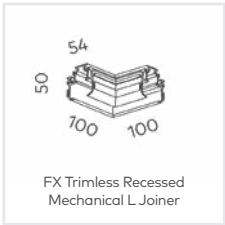





FX 48V Trimless Recessed Track

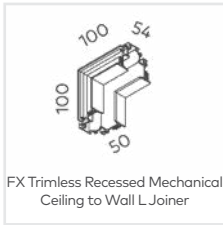
Mechanical Joiners






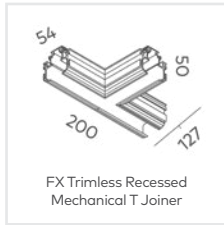
FX Trimless Recessed Mechanical L Joiner






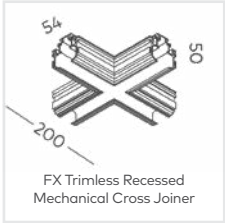
FX Trimless Recessed Mechanical Ceiling to Wall L Joiner







FX Trimless Recessed Mechanical T Joiner





FX Trimless Recessed Mechanical Cross Joiner





2x FX Trimless Recessed Mechanical Track Joiner

| | | Length | Maximum Load Bearing |
|---|--------------------------------|------------------------|----------------------|
| 1 | FX 48V Trimless Recessed Track | 1000mm, 2000mm, 3000mm | 20kg/m |

| Key Information | | Power Feeds | Power Connectors | Available Accessories |
|-----------------|---|------------------------|---|--|
| Mounting | Ceiling Recessed, Wall Recessed | FX 48V Live Power Feed | FX 48V Straight Power Connector FX 48V L Power Connector | 2x FX Trimless Recessed Mounting Brackets 2x Recessed End Cap FX Track Cover Plate |
| Finish | <input checked="" type="checkbox"/> Textured Black <input type="checkbox"/> Textured White | | | |
| Warranty | 5 Years | | | |
| Track Mount | 48V Low Voltage | | | |

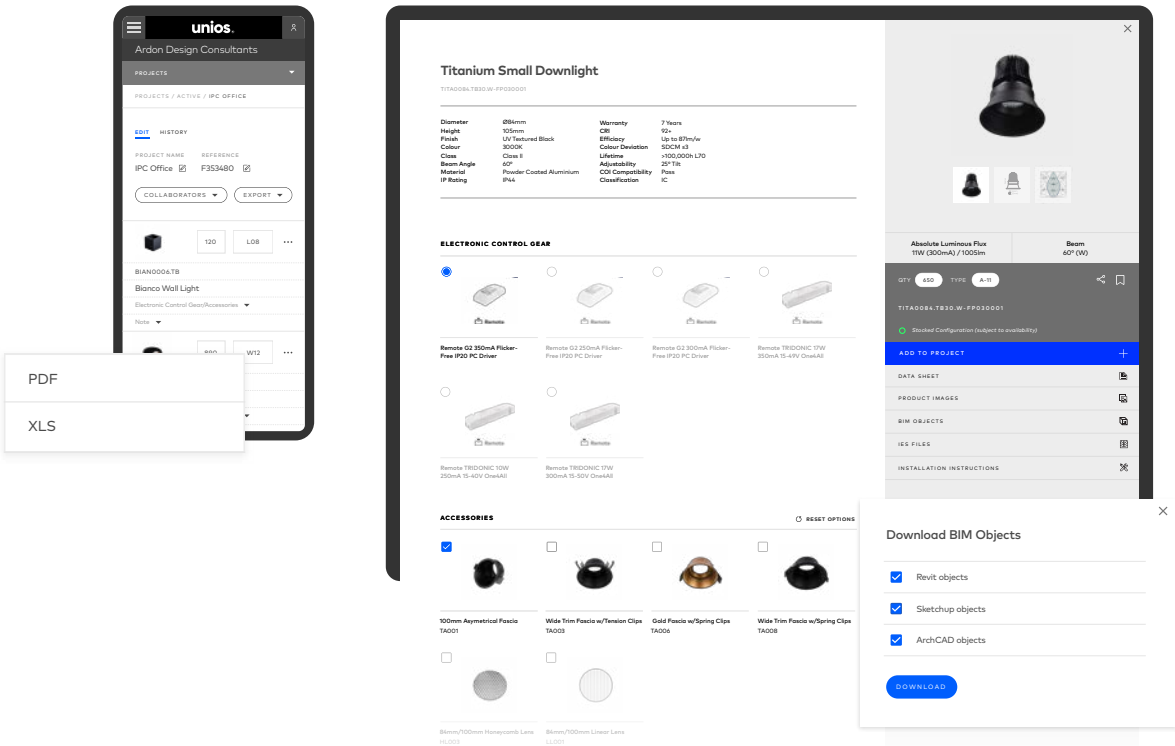
Notes

Remote 48V power supply required for all application. Mains voltage strictly cannot be connected to track.

Power connectors are required for multiple lengths of track to continue power across track configuration.

Mechanical Track Joiners are required for joining tracks together.





From design to documentation in seconds

Best-in-class product configuration tools

With different design and performance criteria for every project, discovering and configuring the right luminaire needs to be a seamless process. With the Unios Toolbox, you can filter through thousands of variations in seconds.

Export customised PDF and Excel lighting schedules

Project lighting can quickly get complex and time-consuming. We've developed a suite of tools to allow you to build a luminaire schedule, export it in PDF or Excel formats and integrate it back into your own project workflow.

More data accessibility than ever before

BIM objects, IES files, customised data sheets and product images are all easily accessible for your project requirements. All product variations are presented with a holistic view of each data point and piece of documentation you may require.

Special Thanks

This publication wouldn't be possible without the ongoing support of our project partners, distributors and photographers who have assisted in providing content.

More Information

For additional technical information and to access our full library, visit **unios.com**. Our library contains a comprehensive database of BIM objects, IES files and product imagery.

Instagram: [instagram.com/unioslight](https://www.instagram.com/unioslight)
Facebook: [facebook.com/unioslight](https://www.facebook.com/unioslight)
LinkedIn: [linkedin.com/company/unios](https://www.linkedin.com/company/unios)
YouTube: [unios.com/youtube](https://www.youtube.com/unios)
Pinterest: [pinterest.com/unioslight](https://www.pinterest.com/unioslight)

Published by
Unios Design

© Unios Pty Ltd 2021

No part of this catalogue may be reproduced without prior permission from Unios Pty Ltd. Models and technical specifications are subject to modification and enhancements.



Unios HQ (Australia)

T +61 8 9248 1888
E sales@unios.com
37 Boom Street,
Gnangara WA 6077

Sydney, Australia

T +61 8 9248 1888
E sydney@unios.com
103/13 Bowden Street,
Alexandria NSW 2015

Melbourne, Australia

T +61 8 9248 1888
E melbourne@unios.com
270-274 Nicholson Street,
Fitzroy VIC 3065

Singapore

T +65 9656 2323
E singapore@unios.com
JustCo at 120 Robinson Road,
#15-01 Singapore 068913

Ho Chi Minh, Vietnam

T +84 28 3821 2927
E vietnam@unios.com
B2, tháp Canary, Đảo Kim
Cương, Quận 2, Hồ Chí Minh

Hanoi, Vietnam

T +84 28 3821 2927
E vietnam@unios.com
E2 - Chelsea Residence, 48 Trần Kim
Xuyến, Yên Hòa, Cầu Giấy, Hà Nội

Zhongshan, China

T +61 8 9248 1888
E china@unios.com
No.3 , FuTian 5 Road, Gangkou
District, Zhongshan City

Gyeonggido, South Korea

T +82 31 791 3922
E southkorea@unios.com
1038 Dadong, Hyundai Knowledge
Industry Center, 520 Misadaero, Hanamsi