XERO
Linear Lighting Systems

XERO TECHNOLOGY ADVANCED XTA

XTA | 1.5 Square

metric	40mm Wide x 44mm High
imperial	1.574" Wide x 1.732" High

STANDARD
INDUSTRY BEST
10 YEAR WARRANTY

XERO
TECHNOLOGY
ADVANCED
XTA

The industry's best profiles

Xero Linear Lighting Systems introduces theXero Technology Advanced (XTA) series.

XTA brings together the best available technology for any linear lighting system.
This includes 'lumiSEAL' a complete light leak free system that incorporates 'ConSEAL' a patented end plate with hidden gaskets in all IP versions and 'Speed-Connect' a fast easy to assemble tool-less joining system that minimises installation time and additional skilled labour.

The technologically advanced XTA series also includes 'AXIS' a unique gear tray system that is completely upgradable and removable allowing, LED components to be easily accessed for end of life replacement, upgrade or maintenance. Axis gear trays have a camm latch that is the fastest in the industry to remove and requires no tools.

The XTA series uses Xero's exclusive boards and drivers - 'Xeramix 1' with an industry leading 10 year warranty that has unmatched colour quality throughout life includes combined HE / HO board with 114k hour life to L90 B10.
Optional 'Xeramix R' available with 15 year warranty, 1M hours at L70 B10. All XTA profiles are incrementally length adjustable by 1mm increments.

UL / CE / AUS/NZS standards approved Universal 120-277v input, site selectable drive current for variable output 'on-the-fly'. Partner this with the high end details such as laser etched CNC machined end plates, micro prism diffuser with UGR19 and high LOR, white optic louvres and dot free diffusion options and excellent thermal tolerance.

XERO is truly linear lighting redesigned

STANDARD
INDUSTRY BEST
10 YEAR
WARRANTY

higher performance longer life

XERO TECHNOLOGY ADVANCED XTA

The XTA | 1.5 Xero Linear Lighting System brings high-quality dot free illumination to commercial and institutional interior environments. Featuring the latest generation of LED technology, The XTA | 1.5 is the perfect choice for offices, retail and public spaces with clean, uninterrupted lines of light that comes from Xero's exclusive patent 'SpeedConnect' System

Xeramix LED light engines are LED boards that utilise ceramic based LED chips that provide outstanding light quality over the LIFE of the boards. The LED light engines have 114,000 hour life to L90 B10 @ 35°C. This performance is unmatched. For more information on the Xeramix LED light engines and the difference between plastic and ceramic LED's please visit xeramix.com

Xero Linear Lighting Systems extends an (industry leading) full 10 year warranty using Xeramix 1 light engines to the original purchaser for the XTA series of profiles.
For more information on warranty visit www.xerolighting.com/warranty

XERAMIX1™
ceramic LED light engines

> >

STANDARD
INDUSTRY BEST
10 YEAR
WARRANTY

Xero Linear Lighting Systems also offer an optional 15 year warranty when using Xeramix R linear light engines to the original purchaser for the XTA series of profiles.
For more information on this outstanding optional warranty visit
www.xerolighting.com/warranty

XERAMIXR™
ceramic LED light engines

> >

OPTIONAL
INDUSTRY BEST
15 YEAR
WARRANTY

General enquiries
E   lights@xerolighting.com
W xerolighting.com
To get in touch with your local Xero
Distributor Visit www.xerolighting.com/contacts

XERO
Linear Lighting Systems

The information contained within this specification sheet is for general information purposes only. While Xero aspires to keep the information up to date and correct, we make no representations or warranties of any kind about the accuracy, reliability, suitability or availability with respect to this information, products, services, or graphics contained in this specification sheet for any purpose.

LUMI SEAL™

First of it's kind light-leak free luminaire

The Xero Linear Lighting Group brings yet another industry first complete 'light-leak-free' system where there are no light leaks in the usual places like end plates, diffuser expansion gaps and at joins where two or more pieces are connected together. all of this from the linear lighting system company that has raised the bar on what is possible with this extraordinary product.

The patented Lumi SEAL™ light leak free system incorporates -

CON SEAL™
endplate system™

ConSeal is a patented end plate that provides hidden gaskets in all IP version luminaires

SPEED CONNECT™

'Speed-Connect' a fast easy to assemble tool-less joining system that minimises installation time and additional skilled labour.

STANDARD
INDUSTRY BEST
10 YEAR
WARRANTY

XERO
Linear Lighting Systems

1mm = the industry's smallest incremental length adjustment

All XTA profiles can be mounted wall-to-ceiling, wall-to-wall or any combination of both, this couples with an incremental length capability of 0.039" [1mm] gives the designer maximum flexibility with custom designs.

XERO Linear Lighting Systems

XERO
TECHNOLOGY
ADVANCED **XTA**

XTA | 1.5 Square
indoor series IP20

Highly Configurable

All XTA products can be made with lit, or unlit, corners which provide the designer with a myriad of design options.

bend options

135°	cross 90°	tee 90°	custom	corner 90°	ceiling to wall

LUMI SEAL *light leak free system*

CON SEAL *endplate system*

SPEED CONNECT

AXIS *removable geartray system*

XERAMIX1 *ceramic LED light engines*

STANDARD INDUSTRY BEST **10** YEAR WARRANTY

XERO
Linear Lighting Systems

XTA | 1.5 Square
indoor series IP20

AXIS
removable geartray system

This truly unique innovation adopts our revolutionary cam lock for quick and simple 'single person' installation. The system is also 'future proofed' by having the ability to easily upgrade as LED technology rapidly
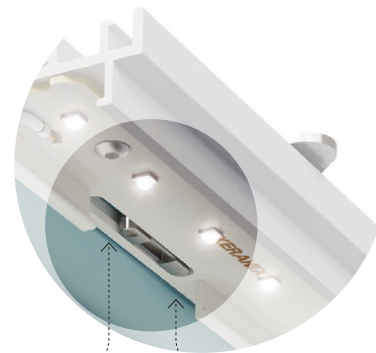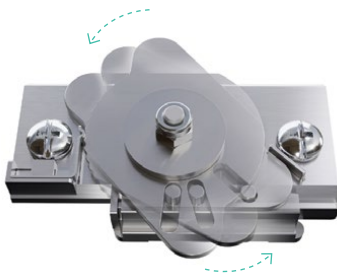
Tooless installation
The ease of speed without screws, tools or lost components whilst also avoiding accidental damage potentially caused by screwdrivers.
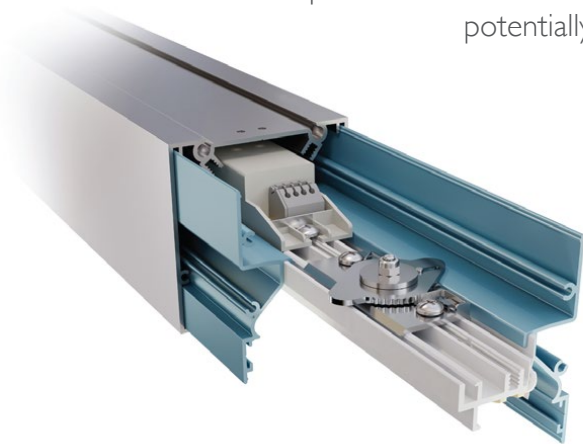
Cam lock
Ingenious patented locking cam allows for ease of installing and removing the complete gear tray. This allows for both simple maintenance but also upgrading in the future.

simply slide tab to lock and unlock

unlocked

locked

LUMI SEAL
light leak free system

CON SEAL
endplate system

SPEED CONNECT

AXIS
removable geartray system

XERAMIX1
ceramic LED light engine

STANDARD INDUSTRY BEST
10 YEAR WARRANTY

XERO
Linear Lighting Systems

XERO TECHNOLOGY ADVANCED XTA

XTA | 1.5 Square
indoor series IP20

XERAMIX 1 ™
ceramic LED light engines

LED technology has rapidly advanced over the last decade with criteria of quality & quantity of light, efficiency, life and cost. The XERAMIX™ philosophy is targeting performance well within nominal specification to create luminaires in a class of their own.

STANDARD INDUSTRY BEST 10 YEAR WARRANTY

Multi configuration arrays
Xeramix light engines are available in 25mm, 100mm, 280mm and 560mm lengths. These lengths derive from Xero's linear fixture algorithm, resulting in the ability to manufacture any luminaire length within 1mm increments.

Industry First
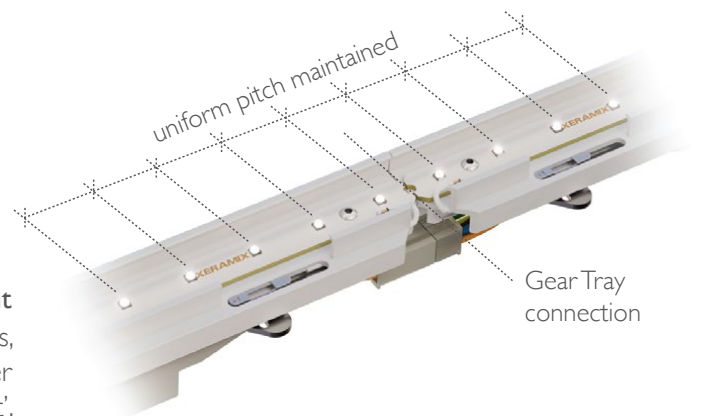Xero XTA and XTI profiles are all backed by an industry leading 10 year warranty

Drive current dipswitch
A simple switch configures the total luminaire wattage, lumen output and efficiency without the need to change components. Xeramix light engines have been engineered to support the broad range of drive currents.

uniform pitch maintained

Gear Tray connection

Constant pitch, uniform light
LED pitch is maintained across multiple gear trays, creating a uniform 'dot free' appearance on the diffuser for a highly desirable, continuous 'ribbon of light'.

LUMISEAL light leak free system™

CONSEAL endplate system™

SPEED CONNECT

AXIS removable geartray system

XERAMIX 1 ceramic LED light engines

STANDARD INDUSTRY BEST 10 YEAR WARRANTY

XERO
Linear Lighting Systems

XERO TECHNOLOGY ADVANCED XTA

XTA | 1.5 Square

indoor series IP20

SPEED CONNECT™

Our patented joining system is not only the fastest in the market, it incorporates LUMI-SEAL™ for a complete 'light leak free' join. Its multiple benefits for both installer and client's project sets it apart from the rest, reaching a new pinnacle of linear lighting.
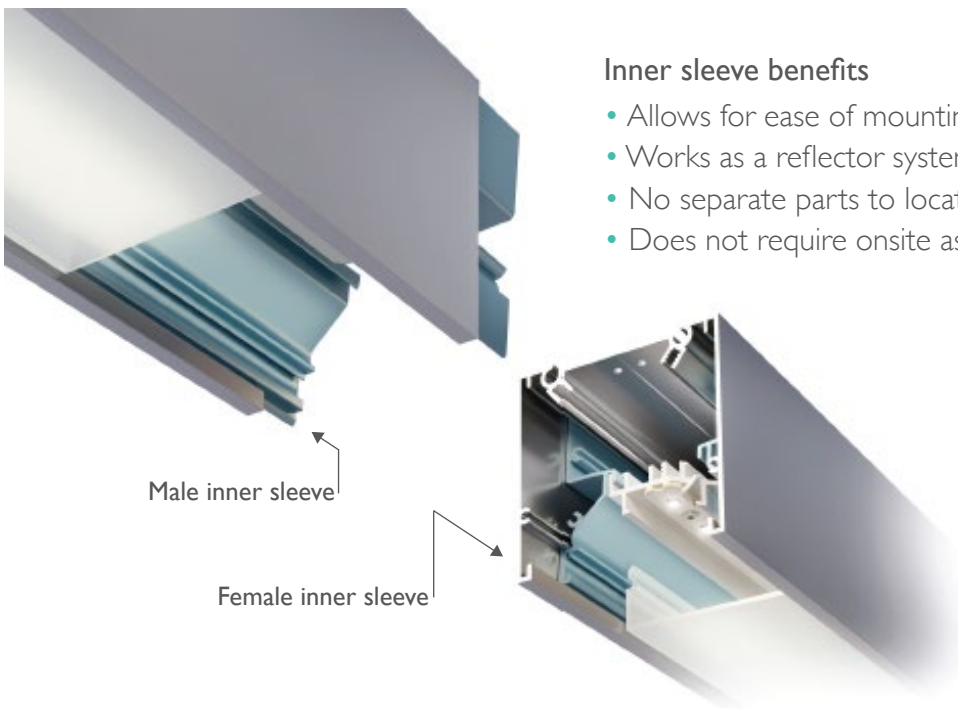
Precision alignment

The inner sleeve coupled with roll pins provides precise multi-axial alignment.
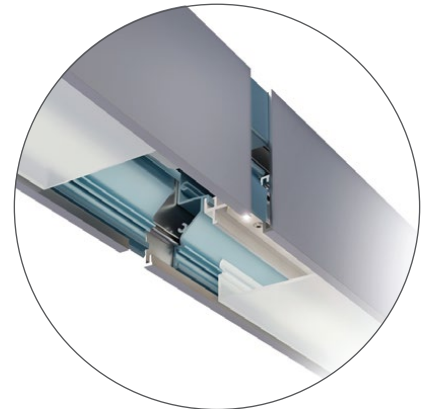
Inner sleeve benefits

- Allows for ease of mounting and alignment between sections
- Works as a reflector system for maximum light emission
- No separate parts to locate or be misplaced
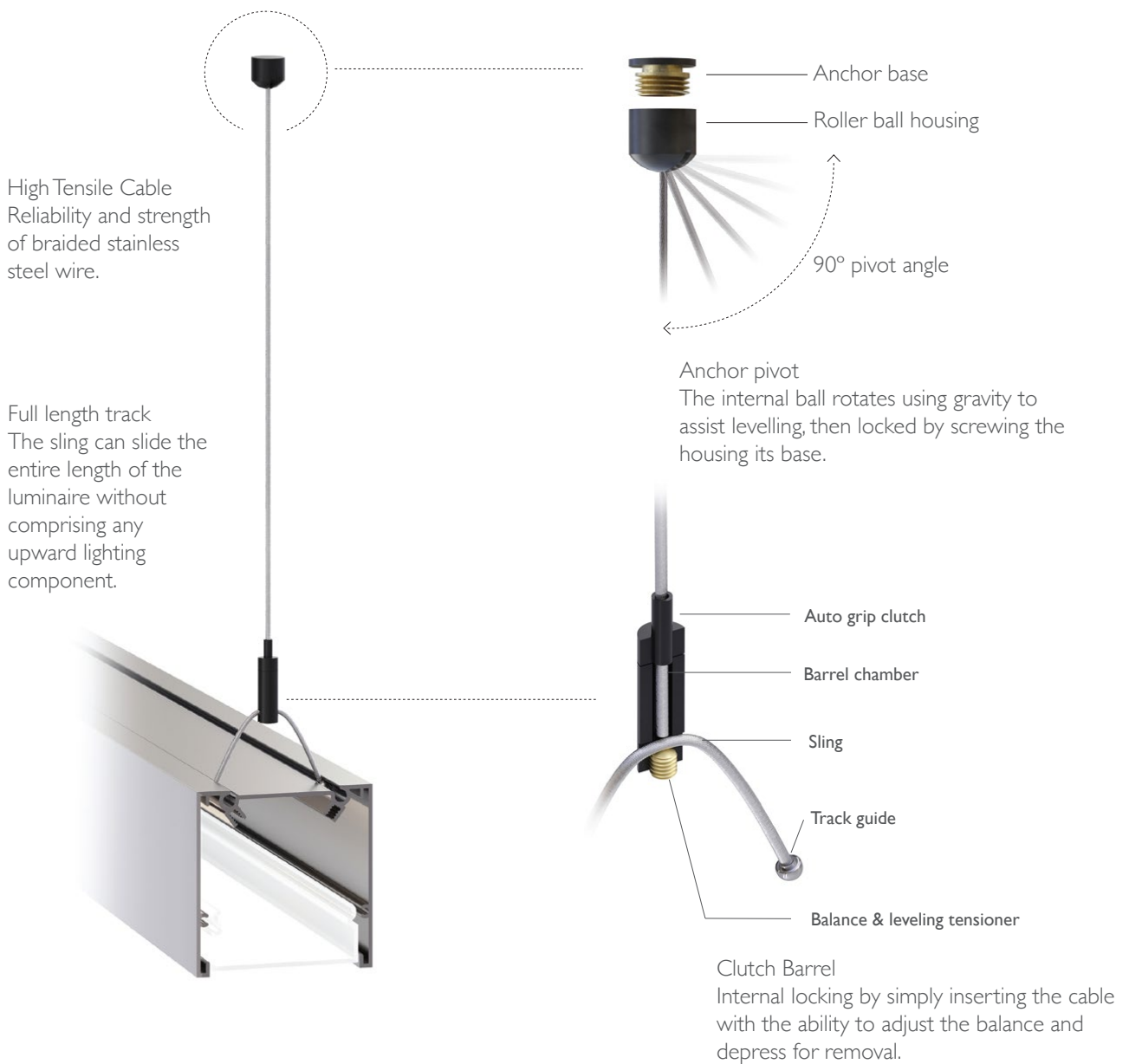- Does not require onsite assembly of gear trays

Male inner sleeve

Female inner sleeve

LUMI SEAL™ light leak free system

CON SEAL™ endplate system™

SPEED CONNECT™

AXIS removable geartray system

XERAMIX1 ceramic LED light engines

STANDARD INDUSTRY BEST 10 YEAR WARRANTY

XERO
Linear Lighting Systems

XERO TECHNOLOGY ADVANCED **XTA**

XTA | 1.5 Square

indoor series IP20

Rollerball Suspension™

The smart suspension system that can be mounted on any surface, whether a flat or sloped ceiling, or even a wall. Height adjustment is done at the luminaire for fine tuning close to the ground. The flexibility of luminaire location allows complete freedom of lighting design.
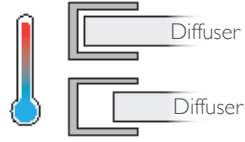
Anchor base

Roller ball housing

90° pivot angle

High Tensile Cable
Reliability and strength of braided stainless steel wire.

Anchor pivot
The internal ball rotates using gravity to assist levelling, then locked by screwing the housing its base.

Full length track
The sling can slide the entire length of the luminaire without comprising any upward lighting component.

Auto grip clutch

Barrel chamber

Sling

Track guide

Balance & leveling tensioner

Clutch Barrel
Internal locking by simply inserting the cable with the ability to adjust the balance and depress for removal.

LUMISEAL — light leak free system™

CONSEAL — endplate system™

SPEEDCONNECT

AXIS — removable geartray system

XERAMIX1 — ceramic LED light engines

STANDARD INDUSTRY BEST **10** YEAR WARRANTY

XERO
Linear Lighting Systems

XERO TECHNOLOGY ADVANCED XTA

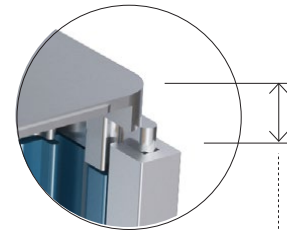## XTA | 1.5 Square

indoor series IP20

CON SEAL™

Linear lighting perfection has been realised, introducing patented Con-Seal™. The typical industry 'extrusion + flat end plate' has been superseded by our precision engineered endcap, complete with 'magnetic snap' cover plate that's nothing short of impressive.

Precision Endcap
Considerable ingenuity has interfaced the main extrusion, gear tray, inner sleeve, diffuser, gasket suspension and cover plate all together in this single component.

Diffuser

Diffuser

Tolerance gutter
Allows for thermal expansion and contraction of the diffuser material.

Pin perfect alignment
Internal check pins and mounting screws ensure extrusion shape and structure integrity.

Magnetic cylinder
The cover plate magically snaps into position with ease.

LUMI SEAL™ light leak free system

CON SEAL™ endplate system™

SPEED CONNECT

AXIS removable geartray system

XERAMIX1 ceramic LED light engines

STANDARD INDUSTRY BEST 10 YEAR WARRANTY

XERO
Linear Lighting Systems

XERO TECHNOLOGY ADVANCED XTA

XTA | 1.5 Square

metric	40mm Wide x 44mm High
imperial	1.574" Wide x 1.732" High

technical data

DATA TABLE

Output	4ft Length 1120mm	Luminous Flux (Delivered Lumens)	LO 1900	HO 3500
	CRI		80+	
	Lumen Maintenance		114,000 hours [L90 B10 @ 35*C] 1M hours [L70 B10 @ 35*C]	
Warranty			Xeramix 1 = 114,000 hours or Xeramix R = 1 million hours	
Electrical	Power Consumption		Between 20 and 45w/m	
	Voltage imput range		120 – 277V	
	Control methods		Dimming options for white light: 0-10V, DALI, DMX Optional RGB / Sunset Dimming control DMX or DALI XI	
	Total harmonic distortion THD		9.8% max	
	Approvals		UL / CE / CCC / AS:NZS / EMC	
Physical	Dimensions		40 X 44 mm	
	Weight per metre		2.6kg (6lbs) average weight	
	Housing		Aluminium Extrusion with anodised or powedercoated finish	
	Diffuser		frosted acrylic lens / Polycarbonate lens / microprism lens	
	Connections		speed connect joining system with polarised electrical connection between sections	
	Compatible ceiling type		suitable for gyprock (drywall) ceilings, metal pan, concrete, timber and T-bar grid ceilings	
	Mounting		Field adjustable rollerball wire suspensions / rod suspensions / wall mounting / surface mount	
	Joiner options		lit corner 90*/ Cross 90*/ Tee 90*/ straight 180* join	
	Operating temperatures		-25*C to 50*C (-13F to 140*F)	
	Environment		Dry – Indoor applications only	
	Minimum length adjustment		1mm with remote gear	
	LED board types		XERAMIX LED boards in 25mm / 100mm / 280mm / 560mm lenghts ZHAGA compatible	

Genreral Enquiries: E lights@xerolighting.com W www.xerolighting.com | To get in touch with your local Xero Distributor visit www.xerolighting.com/contacts

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PENDANT LENGTHS (WITH REMOTE GEAR)

DESCRIPTION	PENDANT LENGTHS										
luminaire length	585	863.60	1143.00	1422.40	1701.80	1981.30	2260.60	2540.00	2819.40	3098.80	3378.20
inches	23	34	45	56	67	78	89	100	111	122	133
'560 board multiples	1	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0

CONTINUOUS LENGTHS (WITH REMOTE GEAR)

DESCRIPTION	CONTINUOUS RUNS										
total luminaire length	3657.60	3937.00	4216.40	4495.80	4775.20	5054.60	5334.00	5892.80	5892.80	6172.20	6451.60
inches	144	155	166	177	188	199	210	232	232	243	254
'560 board multiples	6.5	7	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5

DESCRIPTION	CONTINUOUS RUNS										
total luminaire length	3657.60	3937.00	4216.40	4495.80	4775.20	5054.60	5334.00	5892.80	5892.80	6172.20	6451.60
inches	144	155	166	177	188	199	210	232	232	243	254
'560 board multiples	6.5	7	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5

CUSTOM LENGTHS (WITH REMOTE GEAR)

CUSTOM LENGTHS
custom lengths are available in 0.0393701" [1mm] increments above the minimum pendant length of 23" [585mm]

technical data

Optical control

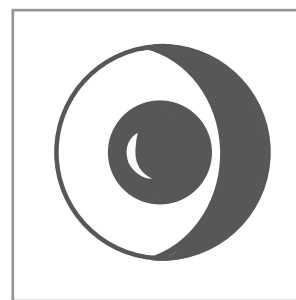All XTA profiles come with many diffuser options for glare control in any application

polycarbonate

plexiglass

microprism

Accessories and options

sensors / daylight
harvesting

emergency packs

LUMI SEAL
light leak free system

CON SEAL
endplate system

SPEED CONNECT

AXIS
removable geartray system

XERAMIX
ceramic LED light engines

STANDARD INDUSTRY BEST
10 YEAR WARRANTY

XERO TECHNOLOGY ADVANCED **XTA**

XTA | 1.5 Square
indoor series IP20

✕ Configurator

The Xero Configurator allows you to design and build your customised lighting system. To ensure that your profile specifically caters to your project application follow the simple 8 step build process to obtain your unique DNA code. Select your profile, choose your colour, length, gear tray, output, colour temperature, mounting requirement and choose from the selection of extras

The X-Configurator can be accessed at xerolighting.com/xconfigurator

Project Specification Sheet
XERO Linear Lighting Systems

XTA 3.0 Beam

Name	Joe Smith
Company	Joe Smiths Company
Email	joesmith@joesmithcompany.com.au
Project	A very big project
Fitting Type	S1

Series	XTA - Advanced
IP Rating	IP55
LED Board	Xeramix X1
Size	3.0 Inches Down / 1.5 Inches Up
Shape	Beam
Light Output	Up / Down
Diffuser	Plexiglass Down / Parabolic Louver Up
Colour Temp	3000K Down / 5000K Up
Drive Current	Drive Current Down / Drive Current Up
Total Light	Total Light Down / Total Light Up
Total Power	Total Power Down / Total Power Up
Efficiency	Efficiency Down / Total Power Up

Copy and Paste into your project specification

SPECIFICATION TEXT
Copy and Paste into your project specification

Type xx - XXM Xero XTA | 3.0 Square with Micro Prism diffuser, Xeramix I LED light engine, 3000°K, 50°C ambient temperature, L90 B10 114 hour life, 275Ma drive current. Efficacy of 512 lumens per watt delivered. Fitting comes complete with Speed-Connect joining system, Conseal end plates and Lumiseal. Wire suspended with rollerball suspension system.

RE - CONFIGURE THIS SPECIFICATION

This project specification sheet has been generated with X Configurator. Click below to reconfigure and generate a new specification sheet .

✕ Configurator — Click to re-configure

ADELAIDE | AUCKLAND | BRISBANE | CHRISTCHURCH | DUNEDIN | HONG KONG
KUALA LUMPUR | SYDNEY | MELBOURNE | PERTH | USA | WELLINGTON

XEROLIGHTING.COM

to access the X-configurator please visit www.xerolighting.com/xconfigurator

General Specifications:

LED luminaries shall employ ceramic based LED's with ZHAGA compliant boards
LED luminaries shall have removable gear trays
LED luminaries shall have upgradeable boards and drivers
LED luminaries shall have light leak free joining systems
LED Luminaires shall have 114,000 hour life to L90 B10 @ 35°C
LED Luminaires shall have colour spatial uniformity of 3 step macadam ellipse at end of life
LED luminaries shall have site adjustable drive current selection capability without the need for additional parts
LED Luminaires shall have thermal ambient temperature rating of 50°C

LUMISEAL — light leak free system™
CONSEAL — endplate system™
SPEED CONNECT
AXIS — removable geartray system
XERAMIX1 — ceramic LED light engines
STANDARD INDUSTRY BEST 10 YEAR WARRANTY

XERO TECHNOLOGY ADVANCED XTA

XTA | 1.5 Square
indoor series IP20

Mounting

Wire Suspended

Rod Suspended

Wall Mounted

Pendant

LUMISEAL light leak free system™   CONSEAL endplate system™   SPEED CONNECT   AXIS removable geartray system   XERAMIX1 ceramic LED light engines   STANDARD INDUSTRY BEST 10 YEAR WARRANTY

XERO
TECHNOLOGY
ADVANCED XTA

XTA | 1.5 Square

indoor series IP20

meet the family

XTA | 1.5 Beam

The XTA 1.5 series is a slim body profile that has superior optics and Xero's patented Speed Connect system that enables truly "light leak free joins" and removable gear trays that can be upgraded in the future.

XTA | 1.5 Slot

The XTA 1.5 series is a medium body profile that has superior optics and Xero's patented Speed Connect system that enables truly "light leak free joins" and removable gear trays that can be upgraded in the future.

XTA | 1.5 Recessed

The XTA 1.5 series is a medium body profile that has superior optics and Xero's patented Speed Connect system that enables truly "light leak free joins" and removable gear trays that can be upgraded in the future.

LUMI SEAL
light leak free system™

CON SEAL
endplate system™

SPEED CONNECT

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ceramic LED light engines

STANDARD
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10 YEAR
WARRANTY