

XERO  
TECHNOLOGY  
INFRASTRUCTURE



## XTI | 3.0 Recessed IK 10+ | IP66

metric

80mm Wide x 80mm High  
(inc flange 96mm Wide)

imperial

3.149" Wide x 3.149"  
High (inc flange 3.779"  
Wide)



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# The industry's best profiles

Xero Linear Lighting Systems introduce the Xero Technology Infrastructure (XTI) series. XTI brings together the best available technology for any linear lighting system specifically designed for the infrastructure segment.

The XTI 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 XTI profiles are incrementally length adjustable by 25mm 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 no visible face fixings, white optic louvres and dot free diffusion options and excellent thermal tolerance. All systems can be supplied with Polycarbonate that allows IK10 impact kinetic rating and vandal proof fasteners.

XERO is truly linear lighting redesigned.



# higher performance longer life

The XTI | 3.0 Recessed IP66 IK10+ features the latest generation of LED technology bringing a high quality, dot free illumination to all exterior and infrastructure environments. The XTI | 3.0 Recessed IP66 IK10+ is the perfect choice for rail, industrial and public spaces that require IP66 weather protection.

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 @ 50°C. This performance is unmatched by any other competitor.

Xero Linear Lighting Systems extends an (industry leading) full 10 year warranty using Xeramix I light engines to the original purchaser for the XTI series of profiles.

For more information on warranty visit [xerolighting.com/warranty](http://xerolighting.com/warranty)

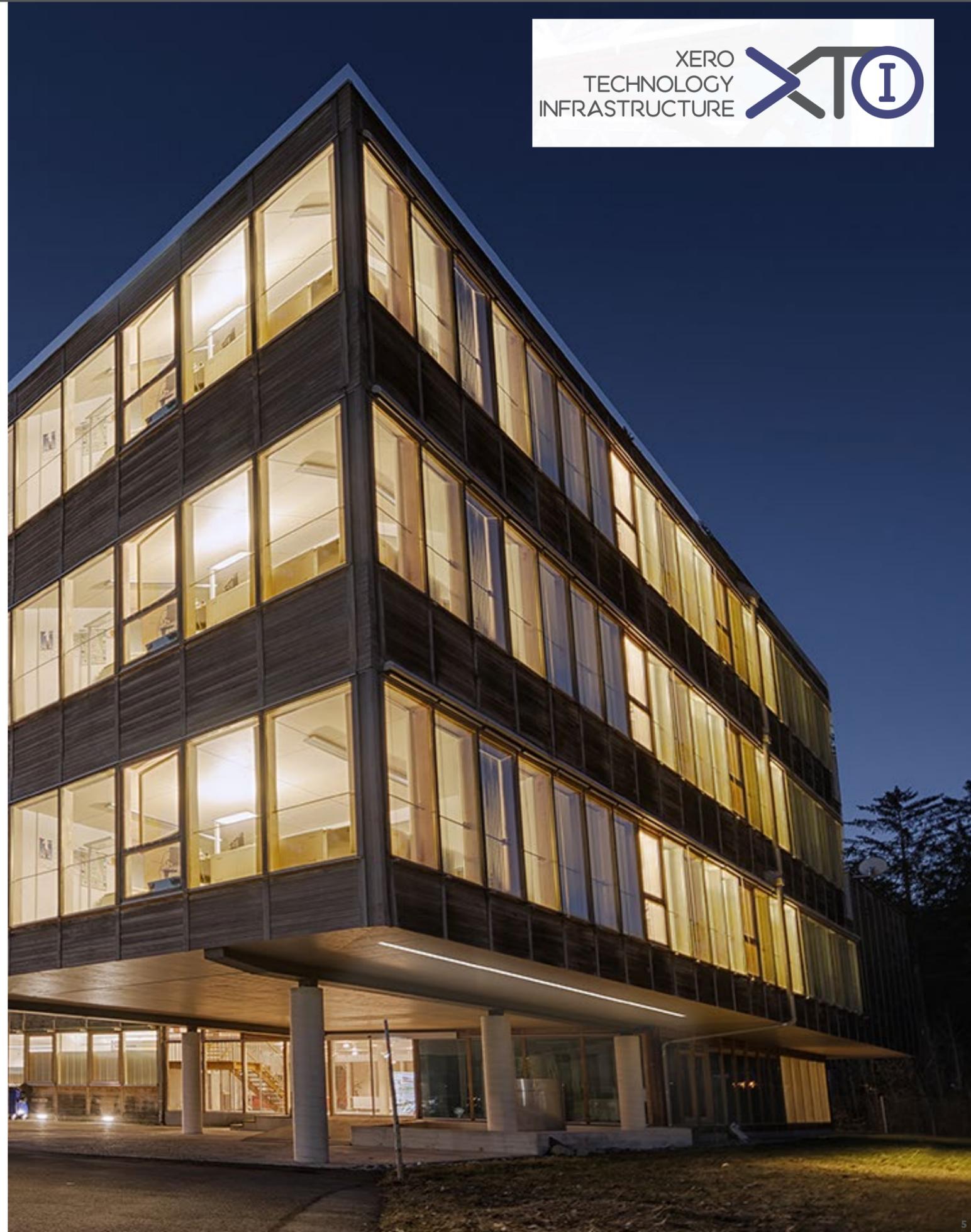


Xero Linear Lighting Systems also offer an optional 15 year warranty when using Xeramix R linear light engines to the original purchaser for the XTI series of profiles.

For more information on this outstanding optional warranty visit [xerolighting.com/warranty](http://xerolighting.com/warranty)



**General enquiries**  
 E [headoffice@xerolighting.com](mailto:headoffice@xerolighting.com)  
 W [xerolighting.com](http://xerolighting.com)  
 To get in touch with your local Xero  
 Distributor Visit [www.xerolighting.com/contact](http://www.xerolighting.com/contact)



XERO TECHNOLOGY INFRASTRUCTURE **XTI**

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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.



**Multi configuration arrays**

Xeromix 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

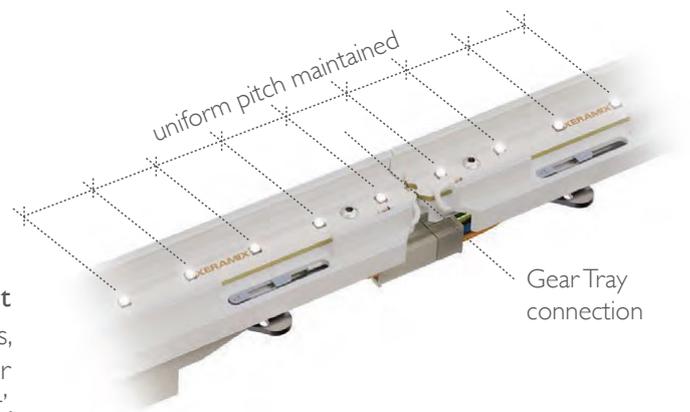
**Drive current dipswitch**

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



**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'.



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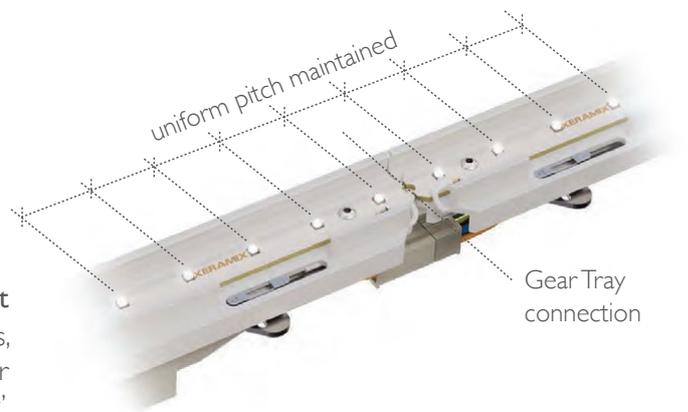
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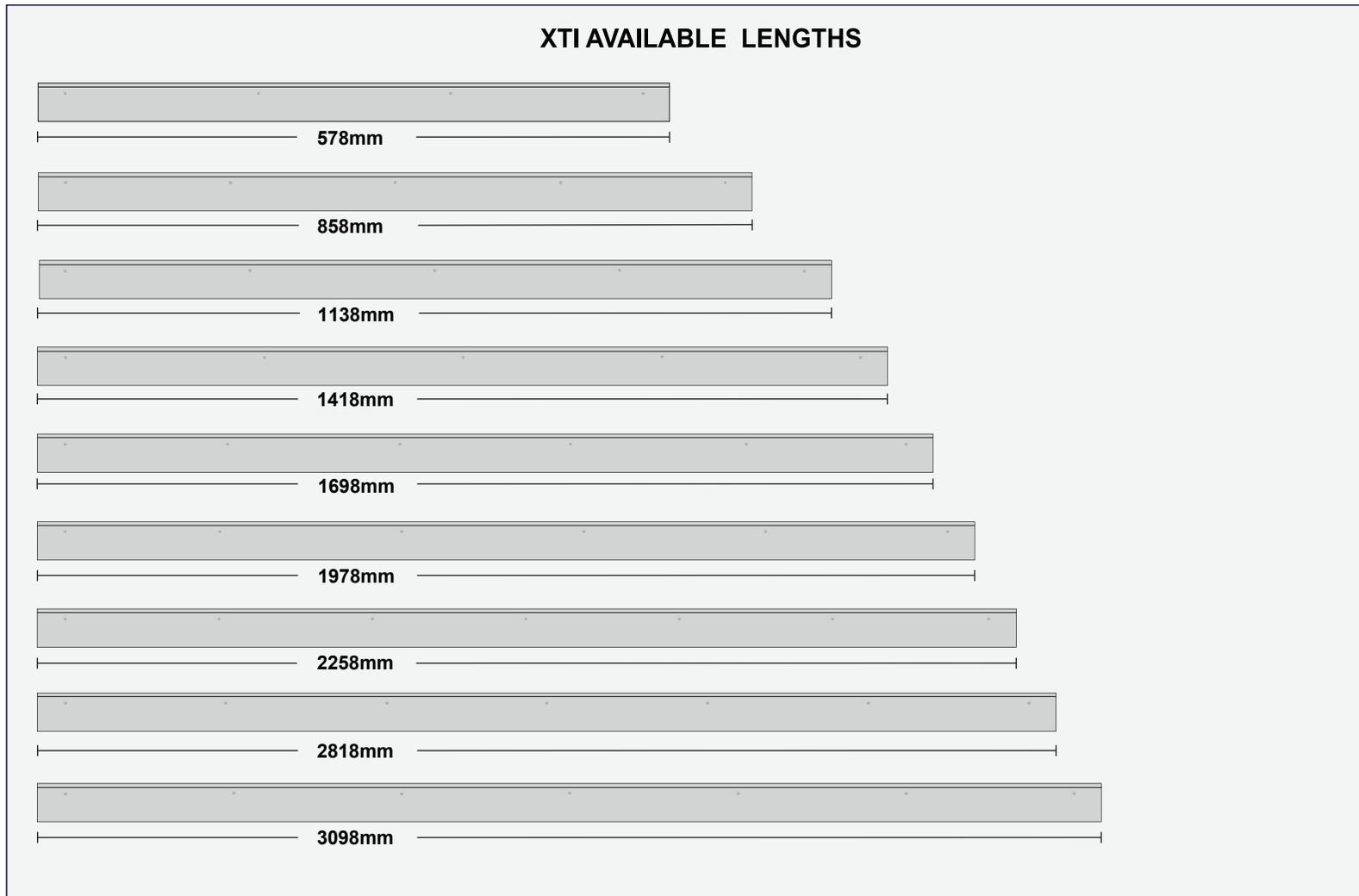
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## DATA TABLE

Output	4ft Length 1120mm	Luminous Flux (Delivered Lumens)	LO 1900	HO 3500	
		CRI		80+	
	Lumen Maintenance		114,000 hours [L90 B10 @ 50°C] 1M hours [L70 B10 @ 50°C]		
Warranty			Xeramix 1 10 years Xeramix R = 15 years		
Electrical	Power Consumption		Between 20 and 45w/m		
	Voltage input 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		80 X 80 mm 3.149" (inc flange 96mm 3.779" Wide)		
	Weight per metre		4.1kg (9lbs) average weight		
	Housing		Aluminium Extrusion with anodised or powder coated finish		
	Diffuser		Opaque Polycarbonate Diffuser / Clear Polycarbonate Diffuser / Parabolic Louvre		
	Connections		Optional polarised electrical connection between sections		
	Compatible ceiling type		Suitable for gyprock (drywall) ceilings, metal pan, concrete, timber and T-bar grid ceilings		
	Mounting		Wire Suspension, Surface mount (with external bracket), Wall Blocks, End wall Bracket		
	Joiner options		Single sections only		
	Operating temperatures		-25°C to 50°C (-13°F to 140°F)		
	Environment		IP66 (not in direct sunlight) (diffuser must not face upwards)		
	Minimum length adjustment		25mm		
	LED board types		Xeramix 1 and Xeramix R Boards and drivers in 25mm compatible / 100mm 280mm and 560mm Zhaga lengths		
	IK rating		IK10+		
	Vandal proof		Available with anti-vandal fasteners		
	Optional extras		Lanyards / Emergency packs / Camera / Environmental plugs / Thermal throttle / IOT connectivity		

### XTI AVAILABLE LENGTHS



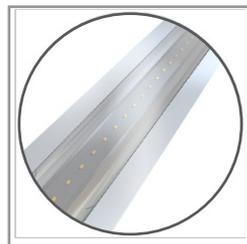
DESCRIPTION	LENGTHS											
total luminaire length in mm	578	858	1138	1418	1698	1978	2258	2538	2818	3098	3378	
total luminaire length in inches	23	34	45	56	67	78	89	99	111	122	133	
'560 board multiples	1.0	1.5	2.0	2.5	2.0	3.5	4.0	4.5	4.5	5.5	6.0	

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# Optical control

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



Clear  
Polycarbonate



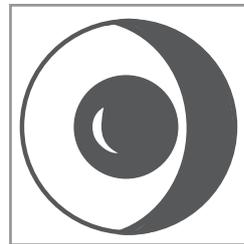
Opal  
Polycarbonate



Semi-specular  
Louvre



Optic white  
louvre



sensors / daylight  
harvesting



emergency packs



pa speaker



ewis speaker



smoke detector



camera

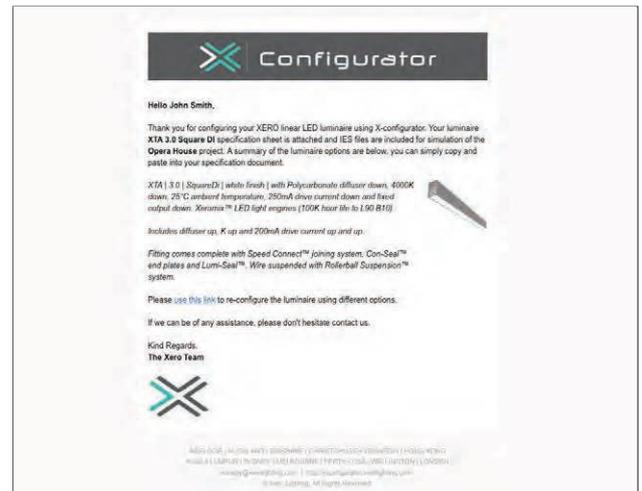
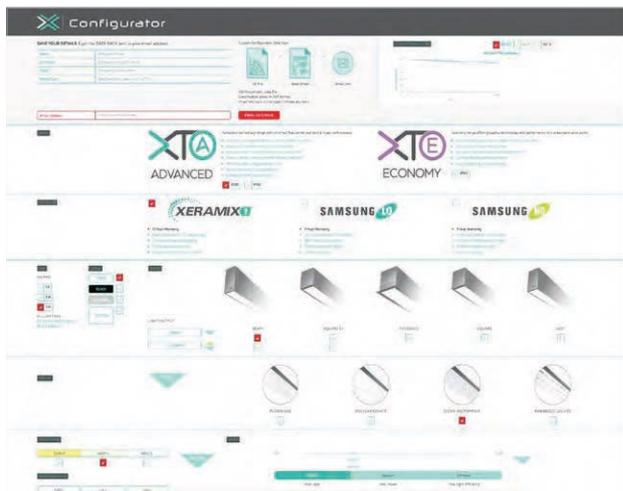


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The Xero Configurator allows you to design and build your customised lighting system. To ensure that your profile specifically caters to your project application follow the simple 8 step build process to obtain your unique DNA code. Select your profile,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



to access the X-configurator please visit [www.xerolighting.com/xconfigurator](http://www.xerolighting.com/xconfigurator)

**General Specifications:**

LED Luminaires shall have thermal ambient temperature rating of 50°C  
 LED luminaries shall have site adjustable drive current selection capability without the need for additional parts  
 LED Luminaires shall have colour spatial uniformity of 3 step macadam ellipse at end of life | 14,000 hour life to L90 B10 @ 50°C  
 LED luminaries shall have Thermal Throttle to prevent over temperature  
 LED luminaries shall have upgradeable boards and drivers  
 LED luminaries shall have removable gear trays with Cam locks  
 LED luminaries shall employ ceramic based LED's with ZHAGA compliant boards  
 LED Luminaires shall have a minimum 10 year warranty



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**General enquiries**

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To get in touch with your local Xero

Didtributor Visit [www.xerolighting.com/contact](http://www.xerolighting.com/contact)



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