

XERO
TECHNOLOGY
INFRASTRUCTURE



XTI | 2.0 Square IK 10+ | IP66

metric

60mm Wide x 70mm High

imperial

2.755" Wide x 2.362" High



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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 | 2.0 IP66 IK10+ Xero Linear Lighting System brings high-quality dot free illumination to exterior and infrastructure environments. Featuring the latest generation of LED technology, The XTI | 2.0 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. 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 I light engines to the original purchaser for the XTI series of profiles.

For more information on warranty visit www.xerolighting.com/warranty



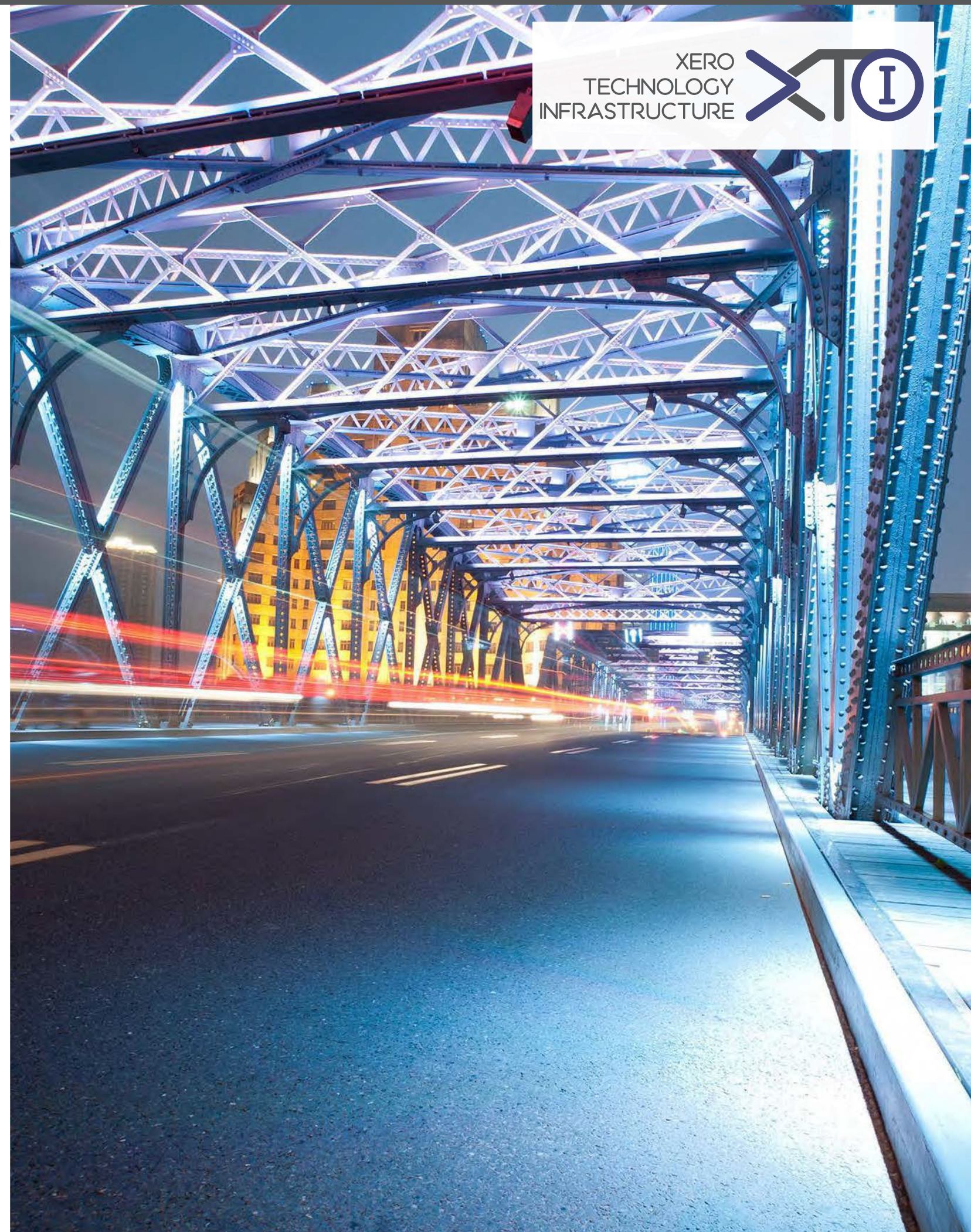
Xero Linear Lighting Systems also offer an optional 15 year warranty when using Xeramix R linear light engines to the original purchaser for the XTI series of profiles.

For more information on this outstanding optional warranty visit

www.xerolighting.com/warranty



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 Distributor Visit www.xerolighting.com/contacts



XERO TECHNOLOGY INFRASTRUCTURE **XTI**

**XTI | 2.0 Square
IK10+ | IP66**



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

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

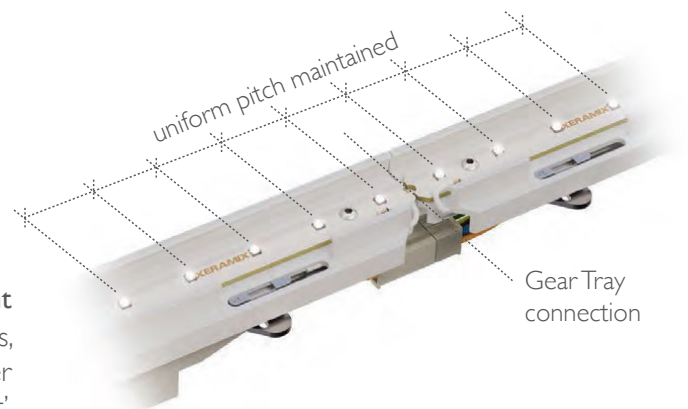
Drive current dipswitch

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.



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'.





Xeramix R for redundancy and high reliability.

Luminaires commonly consist of two key components, a light determined by the failure of one or both components, typically it's source and electronic control gear (ECG). The luminaire lifetime is rated by the component with the shortest lifetime



Component Lifetime

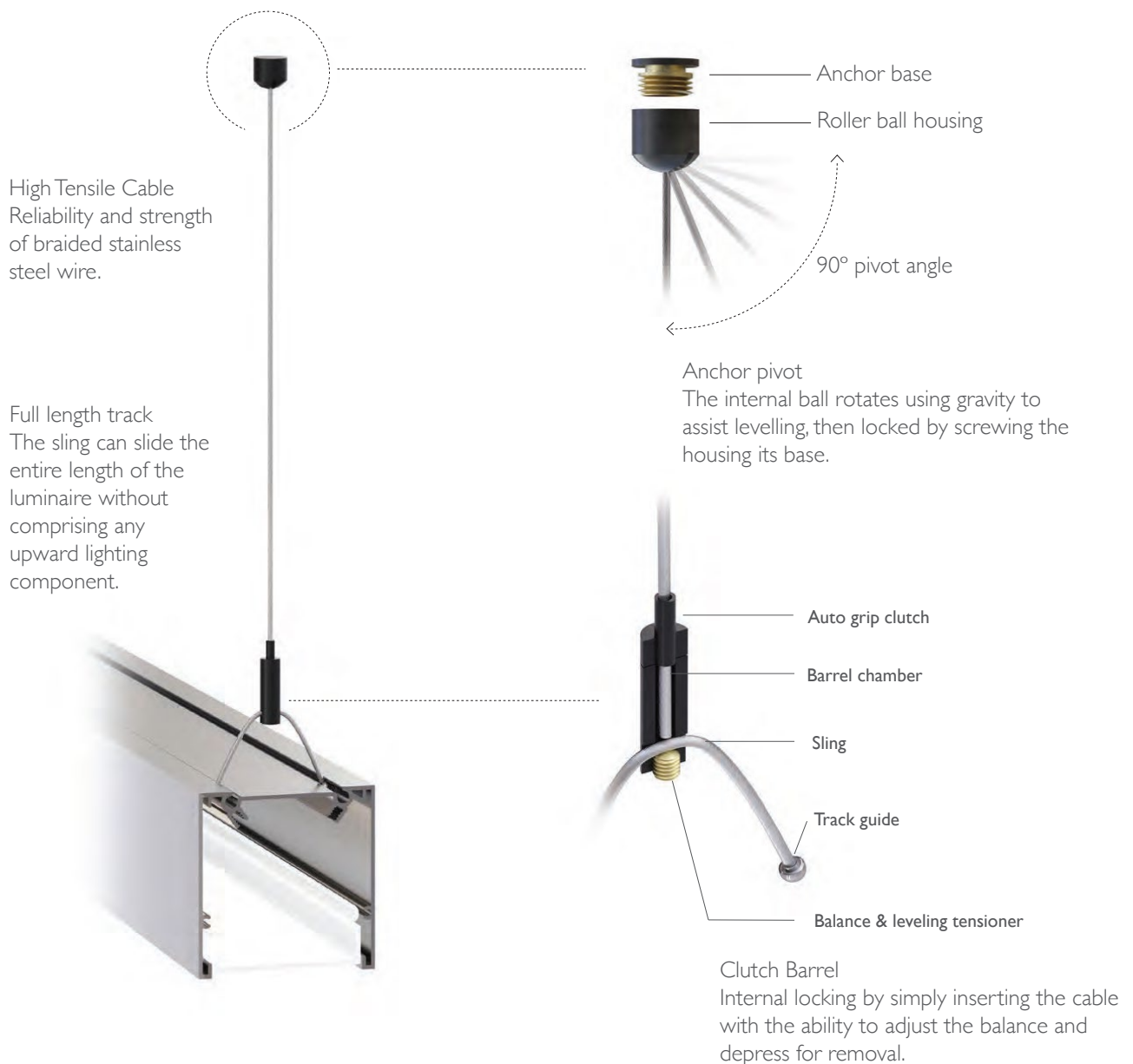


The Xeramix Redundancy relay is a high reliability, fail safe device, that engages a backup LED driver when the primary unit fails. This simple solution can provide up to double the luminaire's life without maintenance offering an attractive value proposition for any commercial lighting project.



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.

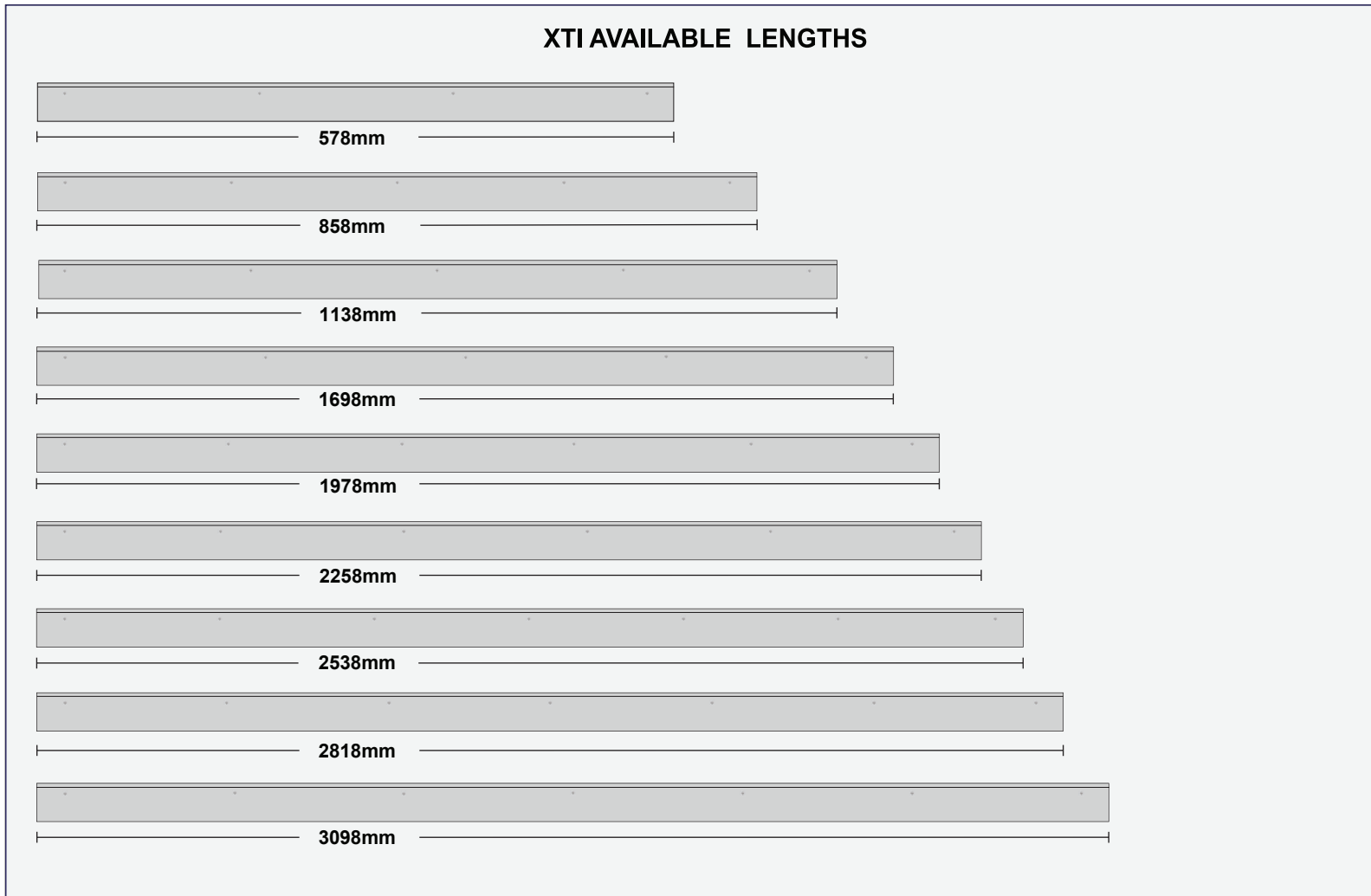


DATA TABLE

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		60 X 70 mm		
	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		Field adjustable rollerball wire suspensions / rod suspensions / wall mounting / surface mount / custom Mounting		
	Joiner options		90°/ Straight / 180°/ Custom		
	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

EXAMPLE OF STANDARD LENGTH COMBINATION



CREATING LENGTHS WITH XTI | 2.0 Square IP66 IK10+

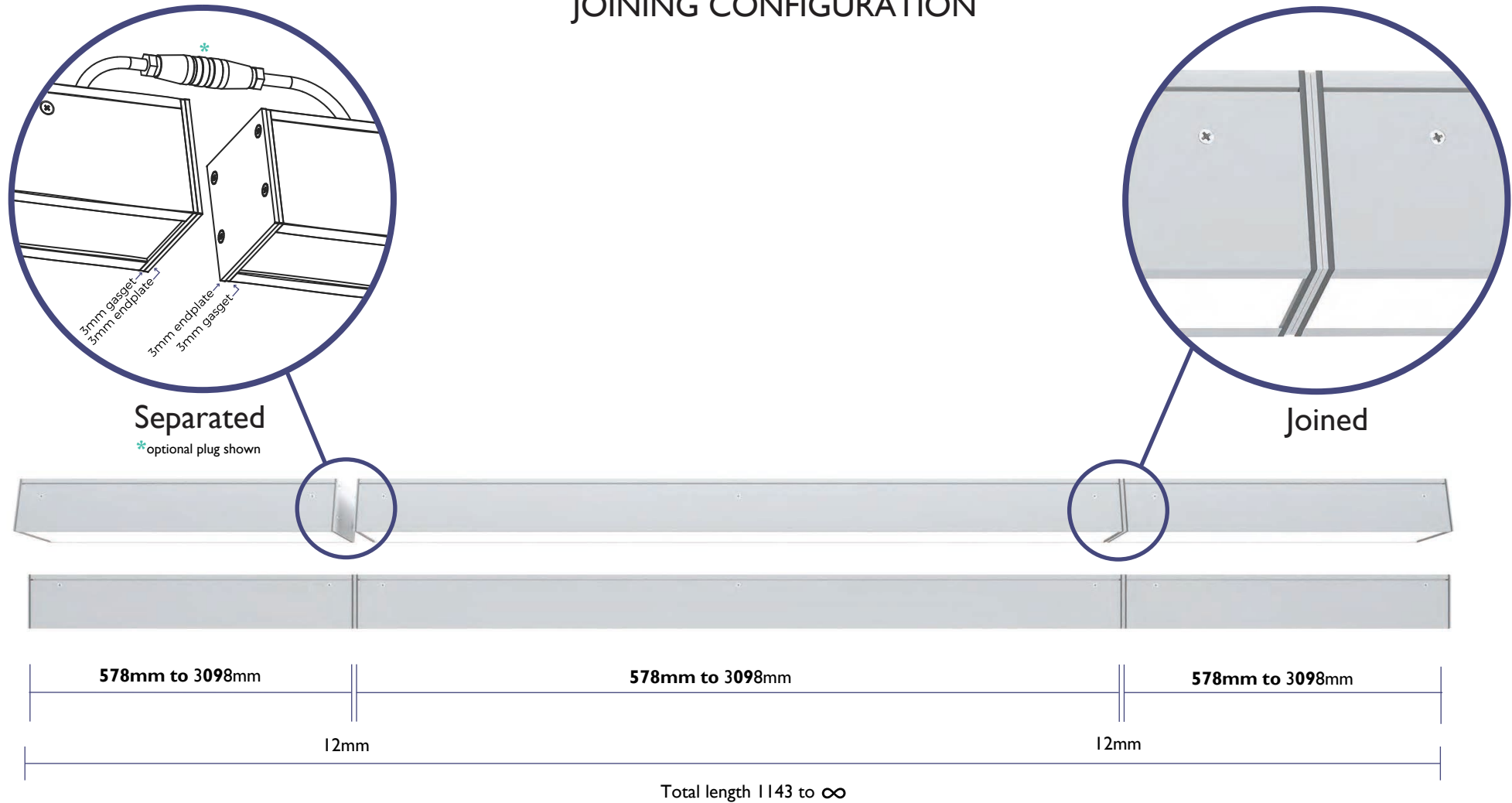
The XTI | 2.0 IP66 IK10+ set lengths can be coupled together in any combination to achieve the desired length.

Note: custom lengths are also available – please consult your local Xero office for information

CUSTOM LENGTHS

Custom lengths are available in 0.984" (25mm) increments

JOINING CONFIGURATION

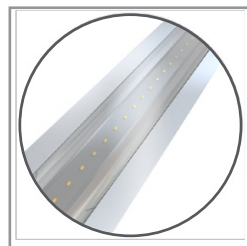


XERO TECHNOLOGY INFRASTRUCTURE **XTI** I

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Optical control

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



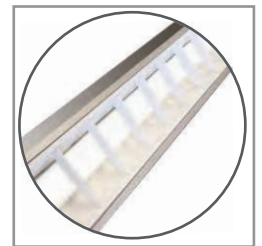
Clear
Polycarbonate



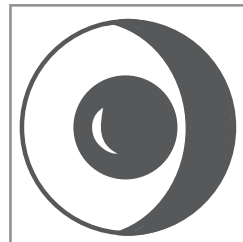
Opal
Polycarbonate



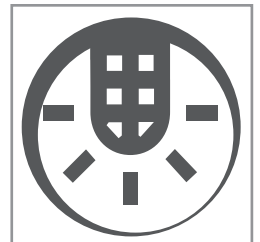
Semi-specular
Louvre



Optic white
louvre

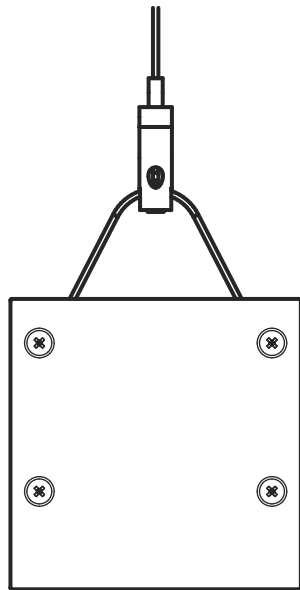
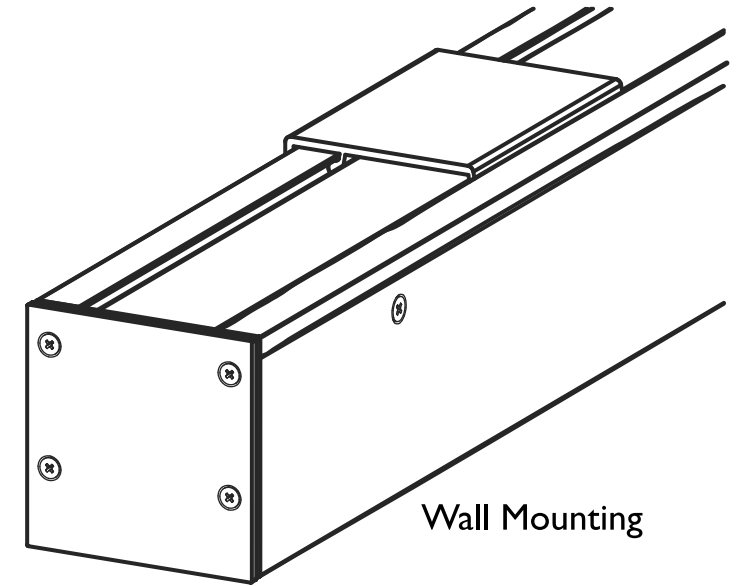
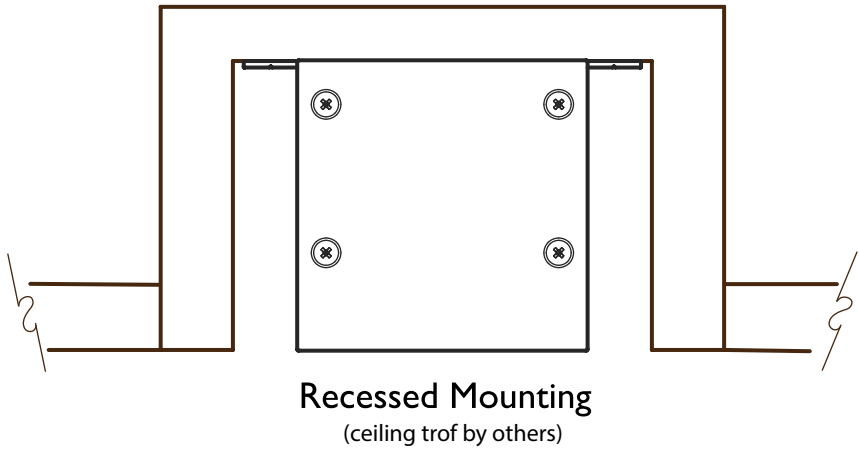


sensors / daylight
harvesting

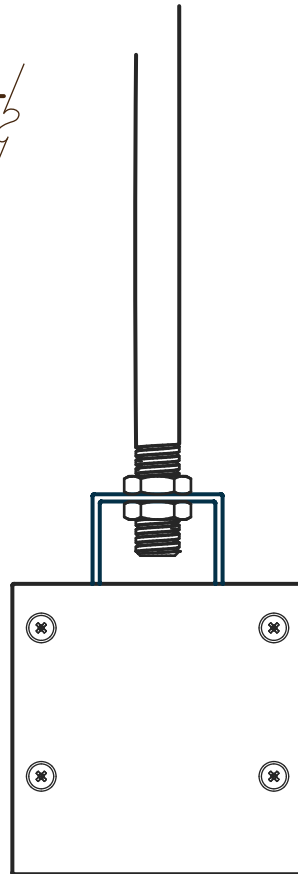


emergency packs

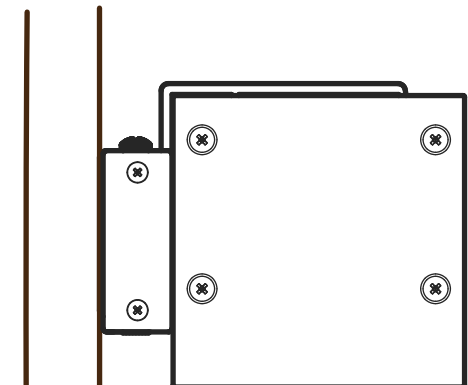
MOUNTING



Wire Suspension



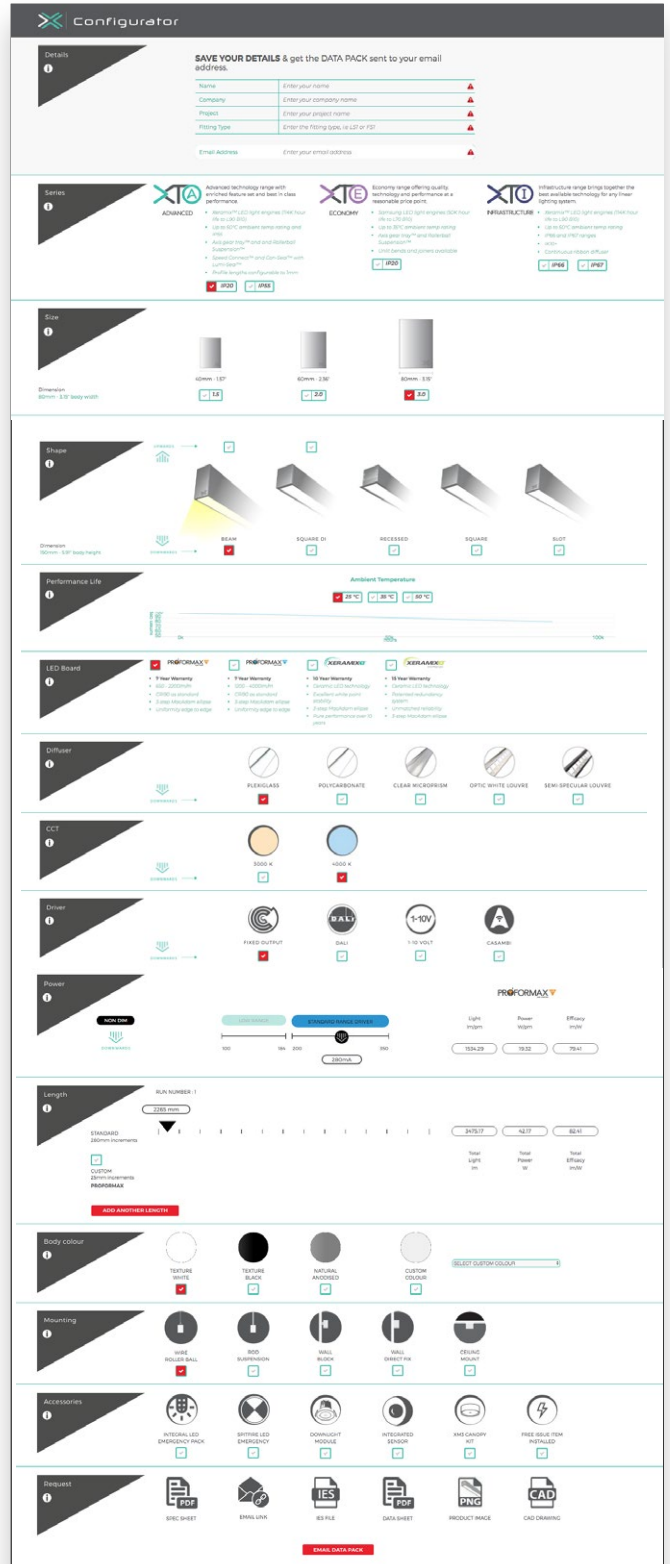
Rod Suspension



**Wall Mounting
Side View**



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 step by 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 screenshot displays the X-Configurator interface with the following sections:

- Details:** Form for user information including Name, Company, Project, Mounting Type, and Email Address.
- Series:** Selection between XTA (Advanced), XTE (Economy), and XTO (Infrastructure).
- Size:** Selection of body width (60mm, 80mm, 100mm).
- Shape:** Selection of beam profile (Beam, Square, Recessed, Square, Slot).
- Performance Life:** Graph showing performance over time at different ambient temperatures (25°C, 35°C, 40°C).
- LED Board:** Selection of board type (Reformax, Xeramax) and warranty options (1, 3, 5, 10 years).
- Diffuser:** Selection of diffuser material (Fused Glass, Polycarbonate, Clear Microbeam, Optic White Louvre, Semi-Spherical Louvre).
- CCT:** Selection of color temperature (3000K, 4000K).
- Driver:** Selection of driver type (Fixed Output, DALI, 1-10V, Casambi).
- Power:** Selection of power output (15W, 30W, 60W, 90W) and efficiency (154lm/W, 150lm/W, 79lm/W).
- Length:** Selection of length (Standard 200mm increments, Custom 200mm increments) and beam angle (30°, 45°, 60°).
- Body colour:** Selection of body color (Texture White, Texture Black, Natural Anodised, Custom Colour).
- Mounting:** Selection of mounting method (Wall Mount, Recessed, Wall Bracket, Wall Direct Fix, Ceiling Mount).
- Accessories:** Selection of optional accessories (Internal LED Emergency Pack, Remote LED Emergency, Downlight Module, Integrated Sensor, HKS Gateway Kit, Free Scale from 100mm).
- Request:** Selection of output formats (Spec Sheet, Email Link, IES File, Data Sheet, Product Image, CAD Drawing).

The X-Configurator can be accessed at <http://xconfigurator.xerolighting.com>

General enquiries

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To get in touch with your local Xero

Didtributor Visit www.xerolighting.com/contacts



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