

XERO  
TECHNOLOGY  
ADVANCED 

# XTA | 1.6 OPTIK Recessed

metric

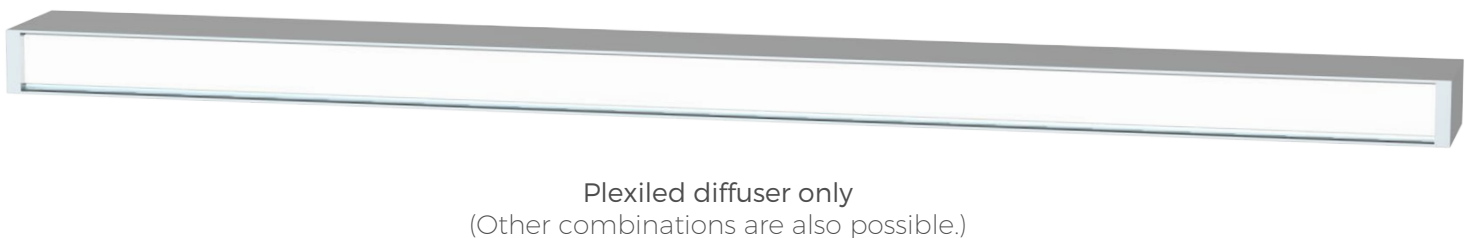
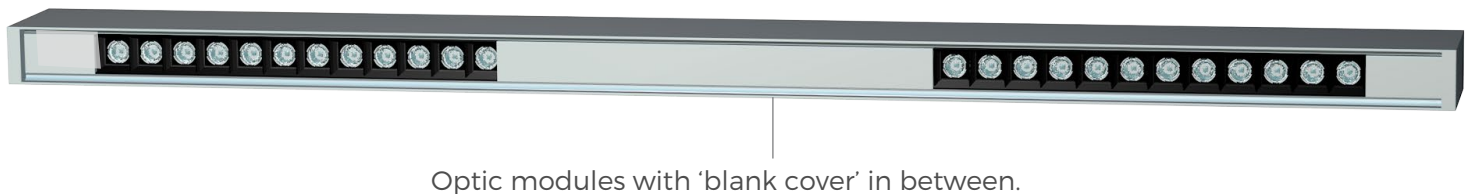
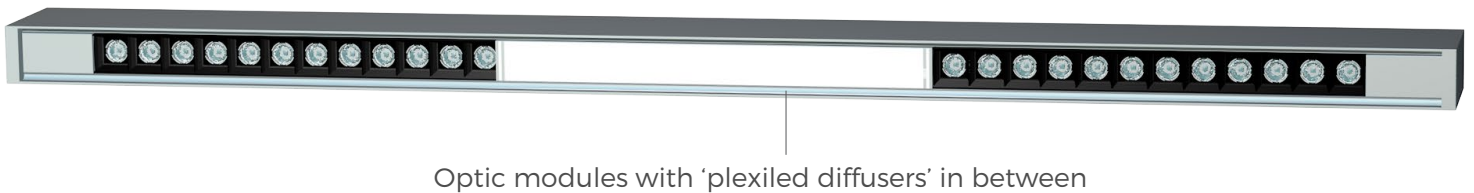
40mm Wide x 90mm High  
(54mm wide with flanges)

imperial

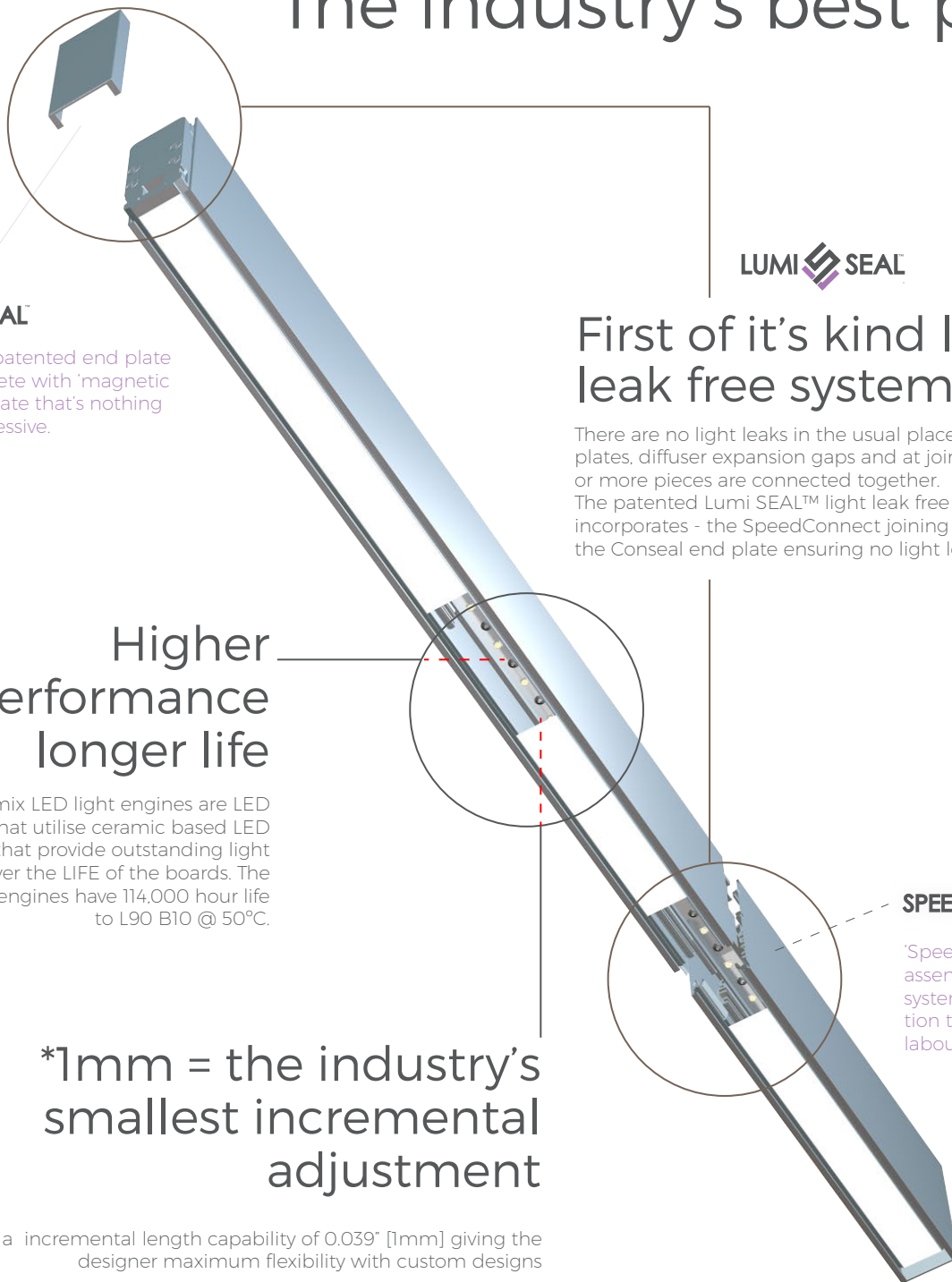
1.574" Wide x 3.543" High  
(2.125" wide with flanges)



# OPTIK profile configurations



# The industry's best profiles



## CONSEAL™

ConSeal is a patented end plate that is complete with 'magnetic snap' cover plate that's nothing short of impressive.

## LUMI SEAL™

## First of it's kind light leak free system

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. The patented Lumi SEAL™ light leak free system incorporates - the SpeedConnect joining system and the ConSeal end plate ensuring no light leaks.

## Higher performance longer life

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.

## \*1mm = the industry's smallest incremental adjustment

Xero has a incremental length capability of 0.039" [1mm] giving the designer maximum flexibility with custom designs

\*Only when using Xeramix boards and drivers.

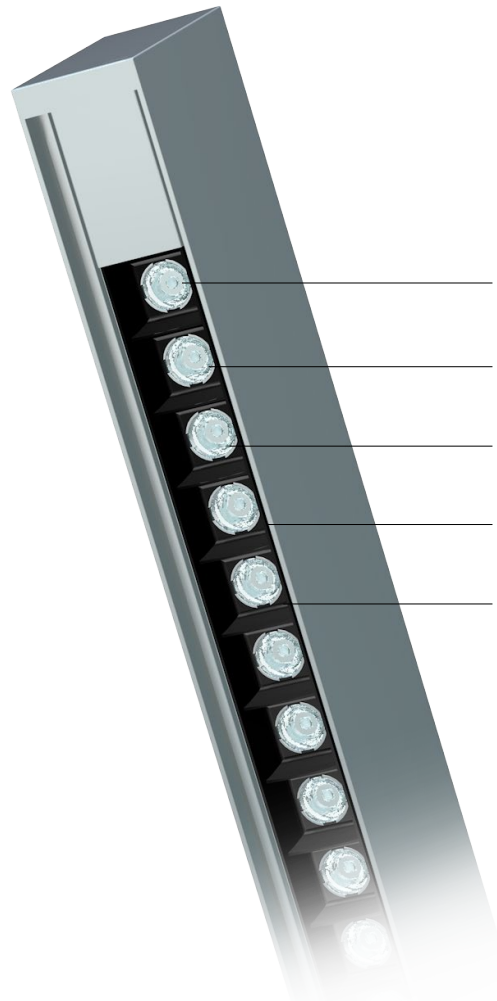
## SPEED CONNECT™

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



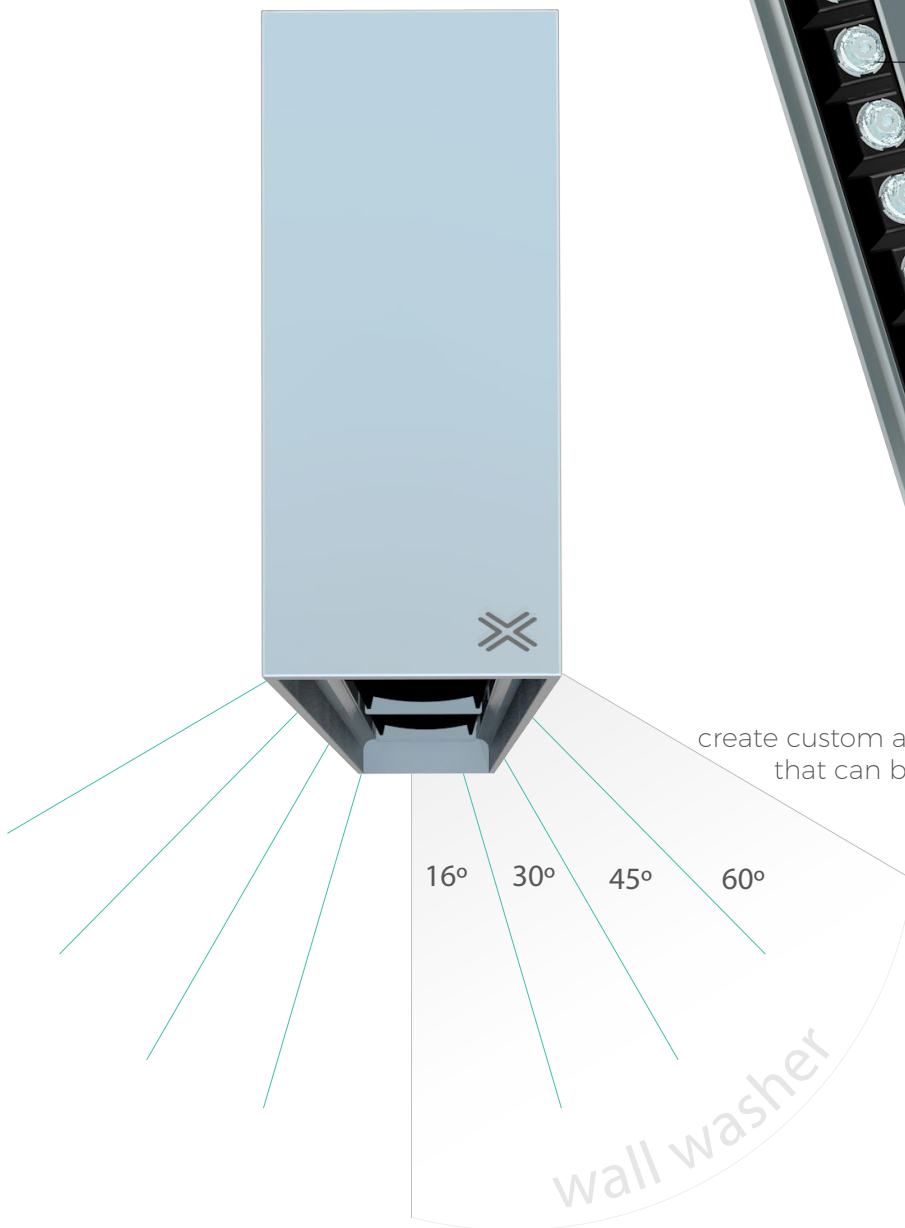
# Individually selectable optics

The OPTIK module lenses come as standard with one variant lens per each module of 12. Although each lens can be individually configured and customised to suit your desired light configuration.



## Optic lens options

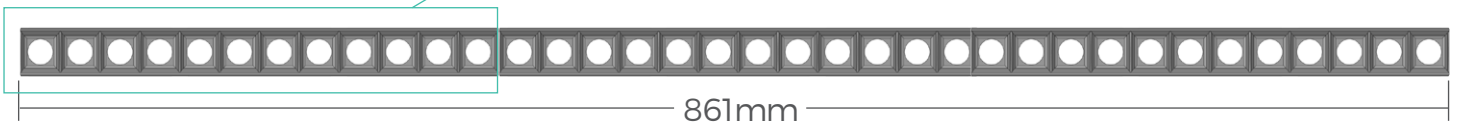
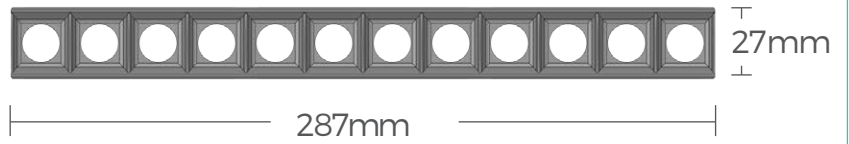
- 16° smooth beam
- 30° medium beam
- 45° oval beam
- 60° oval beam
- 30° x 60° wall washer



## Beam angles

The OPTIK profile gives you the ability to create custom angles to suit specific design requirements that can be applied to various applications including retail, office and residential environments

## dimensions of baffle



The OPTIK baffle can be arranged in a maximum of three modules then a minimum 50mm cover plate is required.

## accessories



sensors / daylight  
harvesting



emergency packs

## bend options



135°



cross 90°



tee 90°



custom



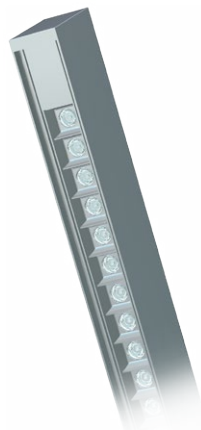
corner 90°



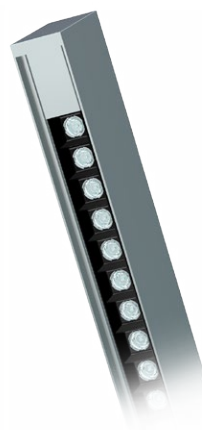
ceiling to wall

## optics

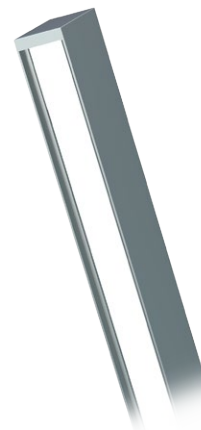
All XTA profiles come with many diffuser options for glare control in any application



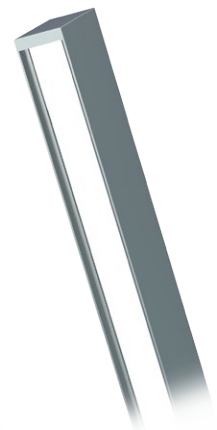
white baffle



black baffle



plexiglass



polycarbonate

# Xero Technologies

[xerolighting.com/xero-technologies/](http://xerolighting.com/xero-technologies/)

## Xeramix 1

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

\*image inverted to illustrate LED light engine



## Tool-less installation

The smart suspension system that can be mounted on any surface whether a flat or sloped ceiling, or even a wall.

## Rollerball Suspension

The smart suspension system that can be mounted on any surface whether a flat or sloped ceiling, or even a wall.



## Cam lock

Ingenuous patented locking cam allows for ease of installation and removing the complete geartray. This allows for both simple maintenance and also upgrading in the future



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40mm Wide x 90mm High  
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# technical data

## DATA TABLE

Optic Module LED Engine	4ft Length 1120mm	Luminous Flux (Delivered Lumens)	LO 1900	HO 3500	
	Xeramix	CRI	80+		
		Lumen Maintenance:	114,000 Hours ( L90 B10 @ 50° )		
	Proformax	CRI:	90+		
		Lumen Maintenance:	82,000 Hours ( L80 B10 @ 35° )		
<b>Warranty</b>	Xeramix	10 years			
	Proformax	7 years			
<b>Electrical</b>	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			
<b>Physical</b>	Dimensions	40mm Wide x 90mm High (with flanges 54mm wide)			
	Weight per metre	3.5kg (7.7lbs) average weight			
	Housing	Aluminium Extrusion with anodised or powder-coated finish			
	Diffuser	Frosted acrylic lens / Polycarbonate lens			
	Optic module	Baffles available in black and white, optic distributions available in 16° / 30° / 45° / 60° and 30° x 60° wall wash			
	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	Xeramix = -25°C to 50°C (-13°F to 140°F) Proformax = -25°C to 35°C (-13°F to 95°F)			
	Environment	Dry indoor applications only			
	Minimum length adjustment	Xeramix = 1mm Proformax = 25mm			
	LED Board types	Xeramix LED boards in 25 / 100 / 280 / 560mm lengths Zhaga compatible Proformax LED boards in 50 / 280mm / 560mm lengths Zhaga compatible			



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# Mounting



Wall Mounted



Wire Suspended



Rod Suspended



Surface Mounted

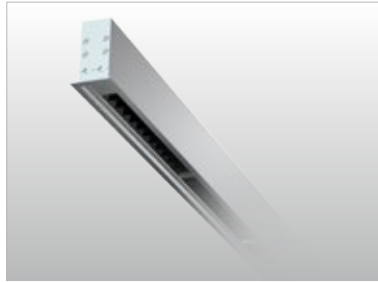


Pendant

## meet the family



XTA | 1.6 OPTIK Slot



XTA | 1.6 OPTIK Recessed



XTA | 1.6 OPTIK Beam

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



# 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 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 X-Configurator can be accessed at

<http://xconfigurator.xerolighting.com>



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 [XEROContacts](#)



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