



XTA | 2.5 Loop BEAM

Metric: 71 x 130mm
Imperial: 2.795" x 5.118"

Wire or Rod Suspended
Surface Mounted
Removable Diffusers
Light leak Free
Endplates and Joins



INTRODUCING

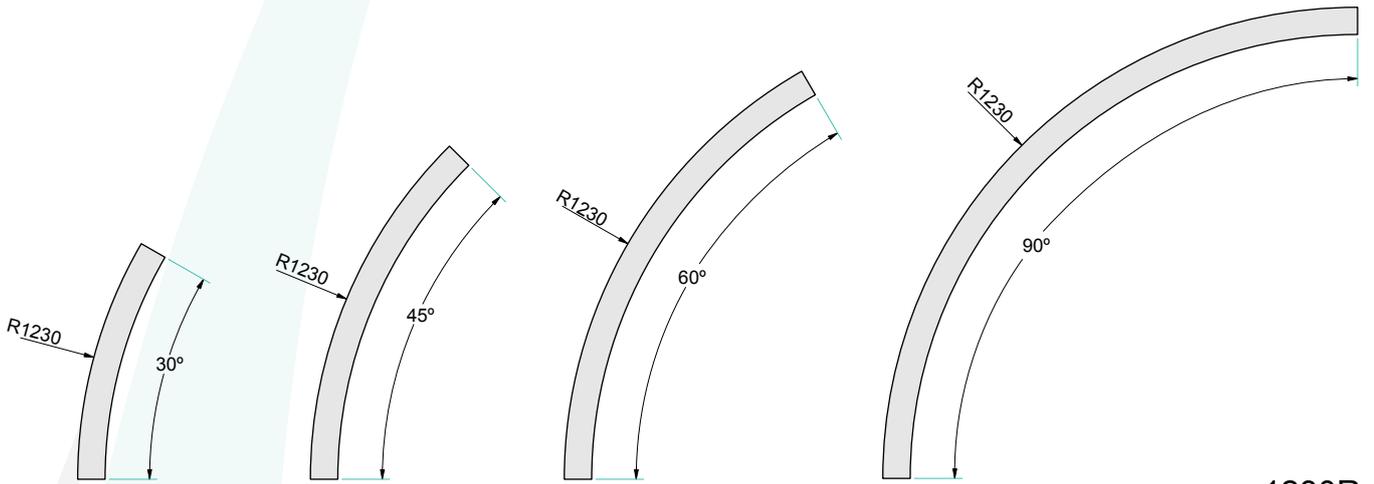
XTA | 2.5 LOOP BEAM

Xero Linear Lighting Systems presents the new XTA 2.5 LOOP Beam incorporating all the technical features of our industry leading XTA range. The XTA 2.5 LOOP Beam profile allows you the ability to form myriad of shapes and sizes from simple curved corners to the most complex configuration only limited by your imagination.

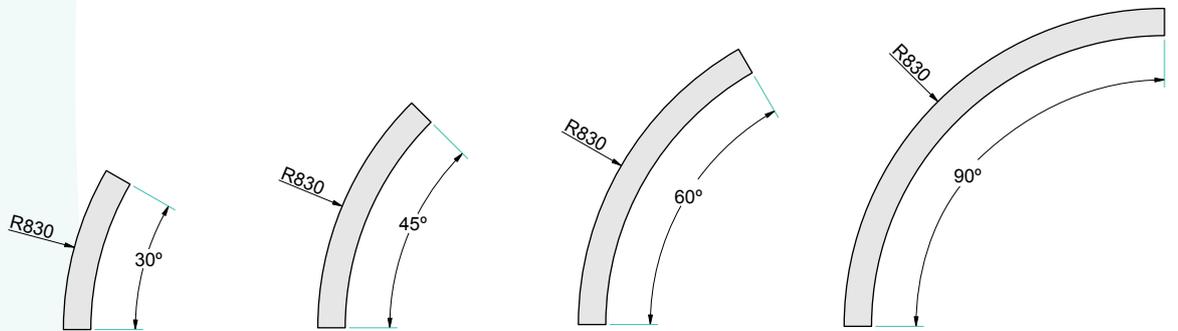
The XTA 2.5 LOOP Beam can be surface, suspended, recessed or mounted in a combination of all three, and comes standard with Proformax CRI 90 boards for optimum colour rendition in all environments –
L80 B10 82,000hours

XTA | 2.5 LOOP BEAM

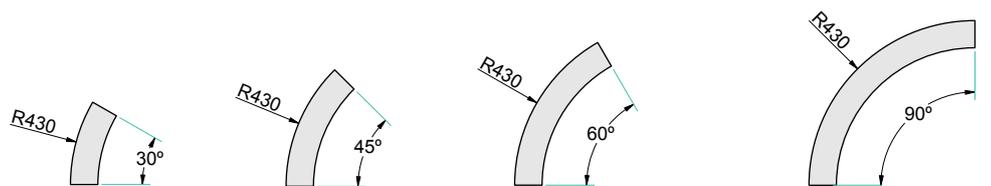
Standard Bend Options



1230R



830R



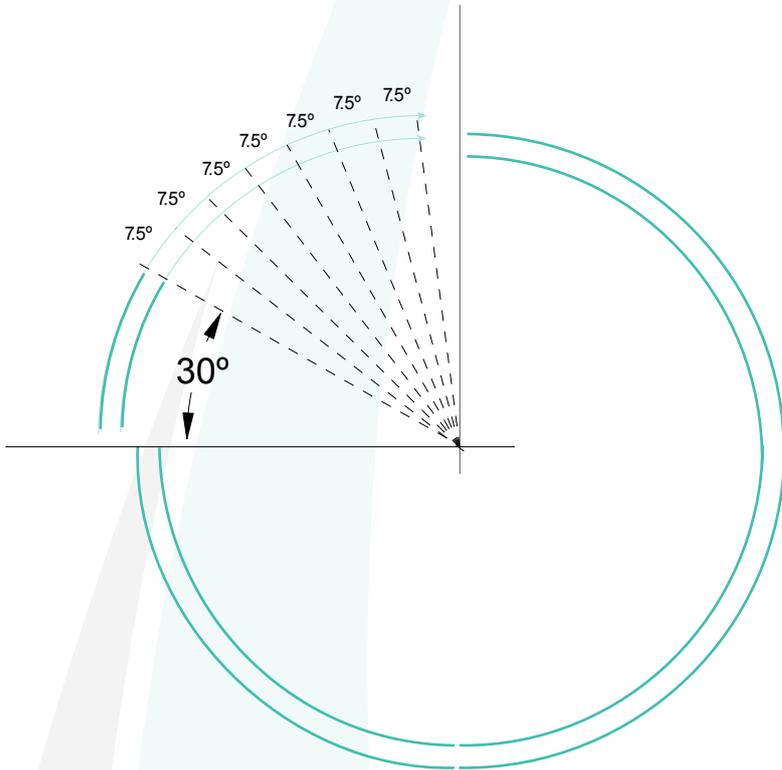
430R

*Other custom radii available on request

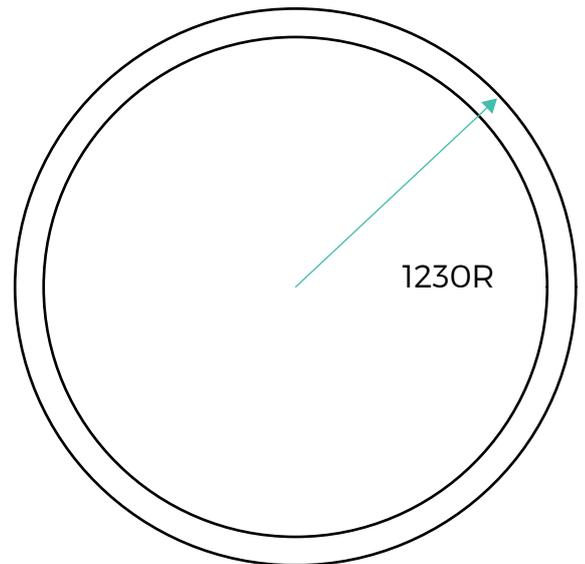
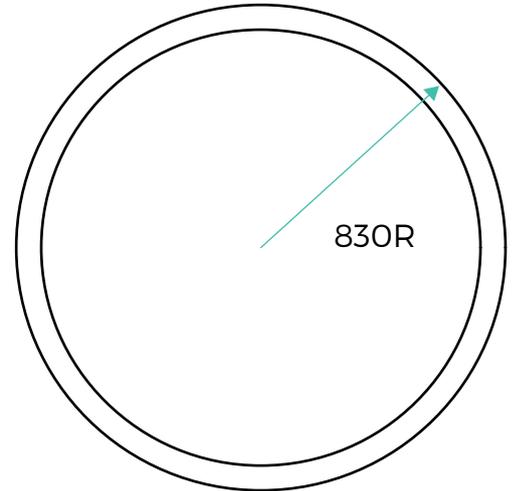
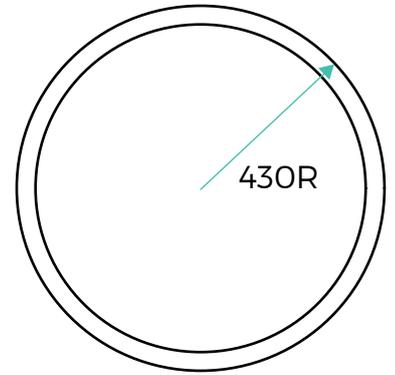
All radii bends can have integral drivers provided they join a straight section or are $\geq 1230R$

XTA 2.5 Loop BEAM

Standard Arc Options

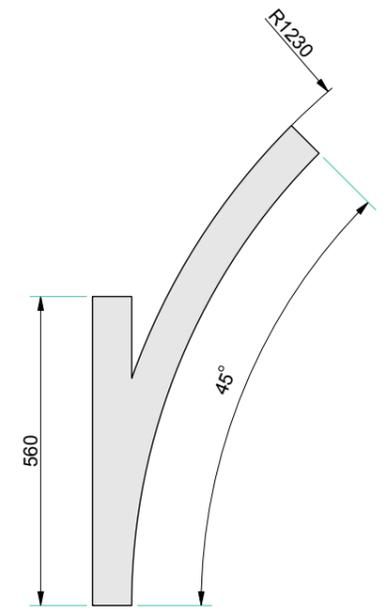
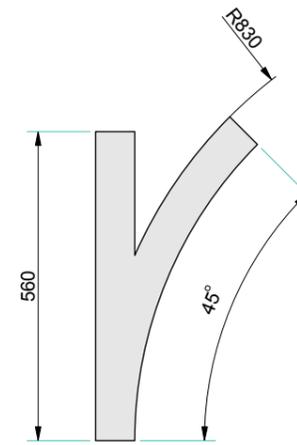
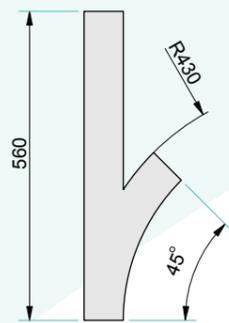


Minimum 30° segment
then each segment can be
increased in 7.5° increments
Arc segments below
1230R have remote drivers

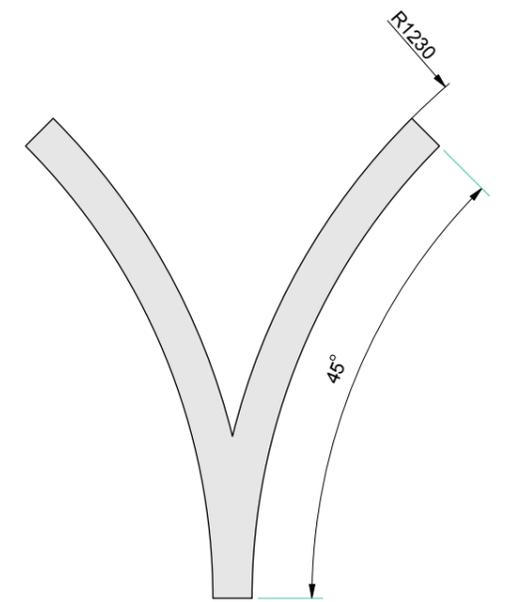
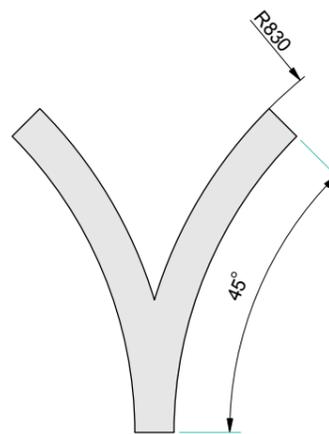
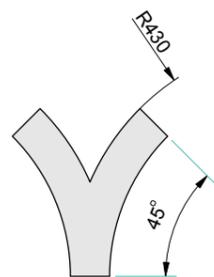


Other options available on request

XTA 2.5 LOOP BEAM Standard Connections



Y Bends



V Bends

Other options available on request

DATA TABLE

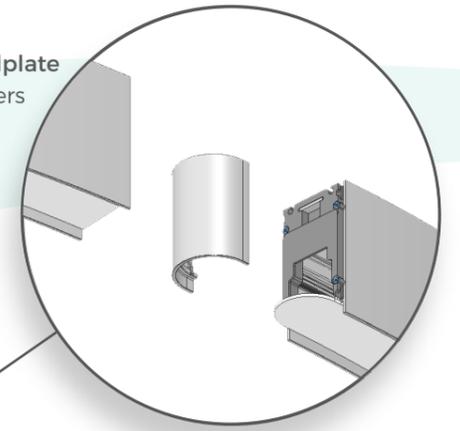
XTA 2.5 Loop Beam				
Optic Module LED Engine	4ft Length	Luminous Flux	LO	HO
	1120mm	(Delivered Lumens)	1900	3500
	Xeramix	CRI	80+	
		Lumen Maintenance:	114,000 Hours (L90 B10 @ 50°)	
	Proformax	CRI:	90+	
	Lumen Maintenance:	82,000 Hours (L80 B10 @ 35°)		
Warranty	Xeramix	10 years		
	Proformax	7 years		
Electrical	Power Consumption	Between 20 and 45w/m		
	Voltage input range	120 – 277V		
	Controls	0-10 volts / Dali Control Gear / DSI compatible / DMX / Dimmer switch / Constant light output / Motion sensor / Ripple free / Bluetooth mesh / Casambi control wireless system		
	Total harmonic distortion THD	9.8% max		
	Approvals	UL / CE / CCC / AS:NZS / EMC		
Physical	Dimensions	71 X 130mm		
	Weight per metre	4.6kg (10.14lbs) average weight		
	Housing	Aluminium Extrusion / powder-coated finish only		
	Upward Diffuser	Polycarbonate lens		
	Downward Diffuser	Frosted acrylic lens / Polycarbonate lens		
	Accessories	Various connection shapes available		
	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 / surface mount		
	Bend Radii	430R / 830R / 1230R as standard with custom radii available (No unlit)		
	Joiner options	Lit corner 90°/ Cross 90°/ Tee 90°/ straight 180° join		
	Endplate Options	Conseal flat or optional curved end plates		
	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				
Configurations	Down only / Up Down / Up only			

50mm or 7.50° =
the industry's
smallest arc
adjustment

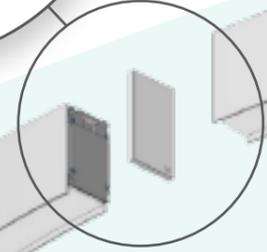


Axis removable gear-tray (*down only)
for quick and simple 'single person'
installation
(*Note: Geartray and diffuser are not removable for 'UP' light)

The **NEW Conseal curved endplate**
with 'magnetic snap' now offers
you the choice to suit
your next custom project

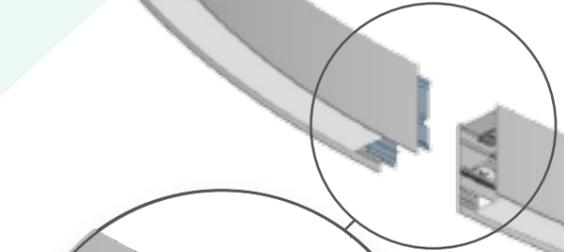


Conseal is a patented end plate
that is complete with 'magnetic
snap' cover plate that's nothing
short of impressive

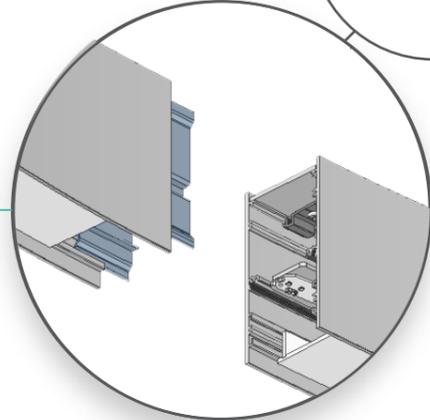


**First of its kind light
leak free system**

There are no light
leaks in the usual
places like
endplates, 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
endplate ensur-
ing no light leaks



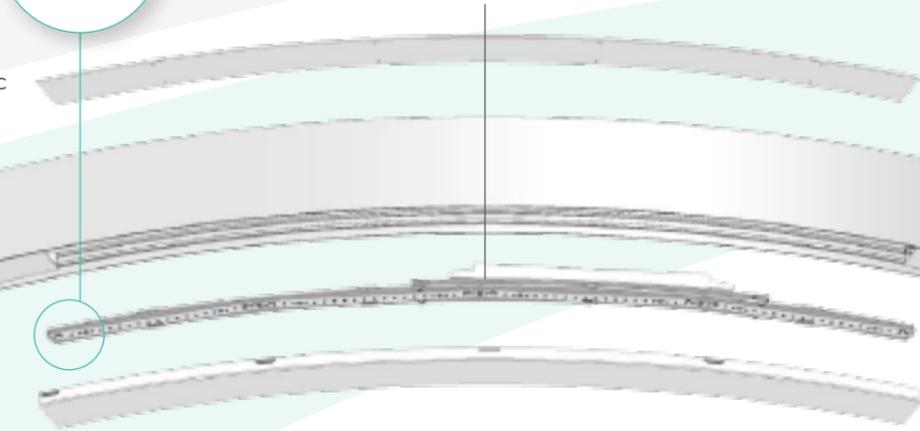
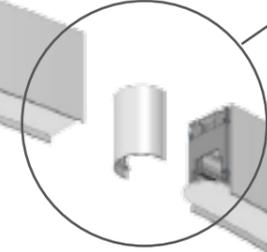
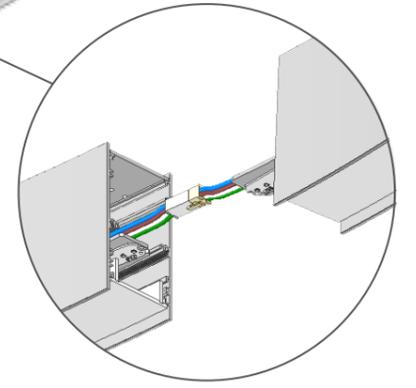
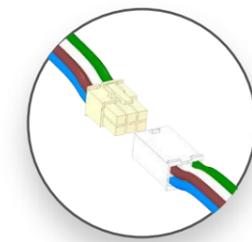
'Speed-Connect'
a fast easy to assemble
tool-less joining system
that minimises installation
time and additional skilled labour
and creates a light-leak free join.



Removable Diffuser
with magnetic retention
location locks



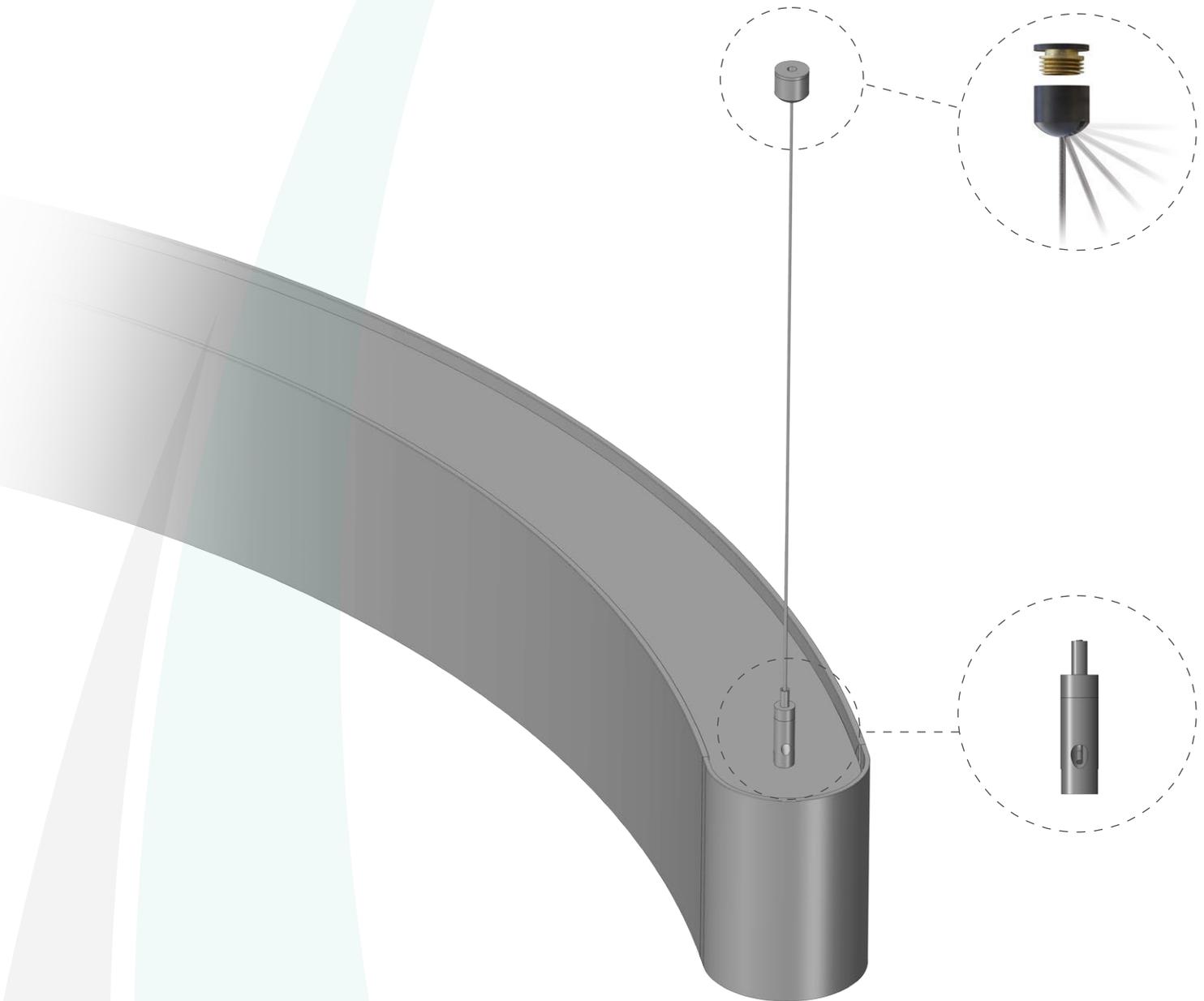
Soft Wiring
with polarised plugs for easy interconnection
of segments making loop the easiest curved
profile on the market to install



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Rollerball Suspension

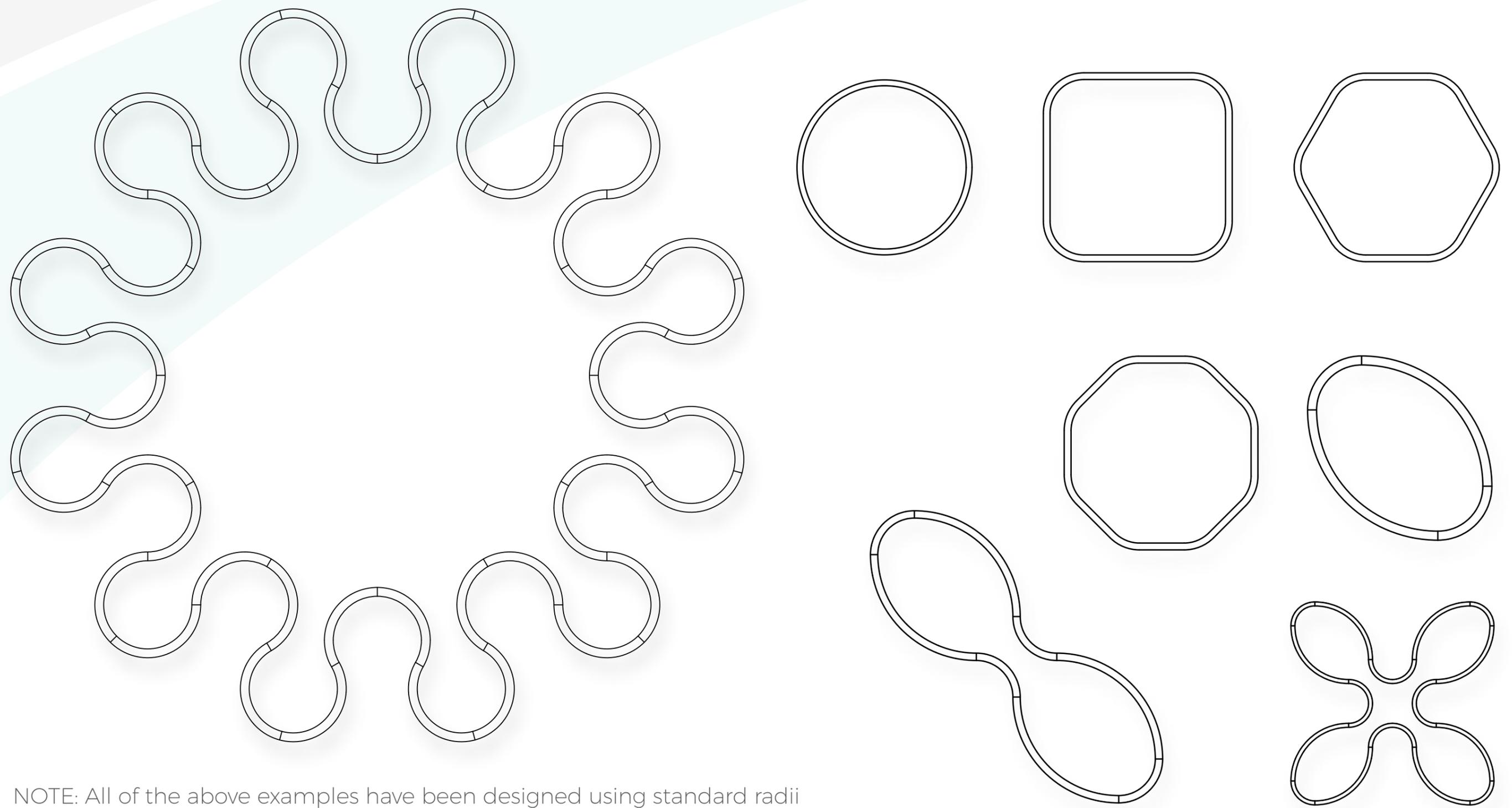
The smart suspension system that can be mounted on any surface whether a flat or sloped ceiling, or even a wall



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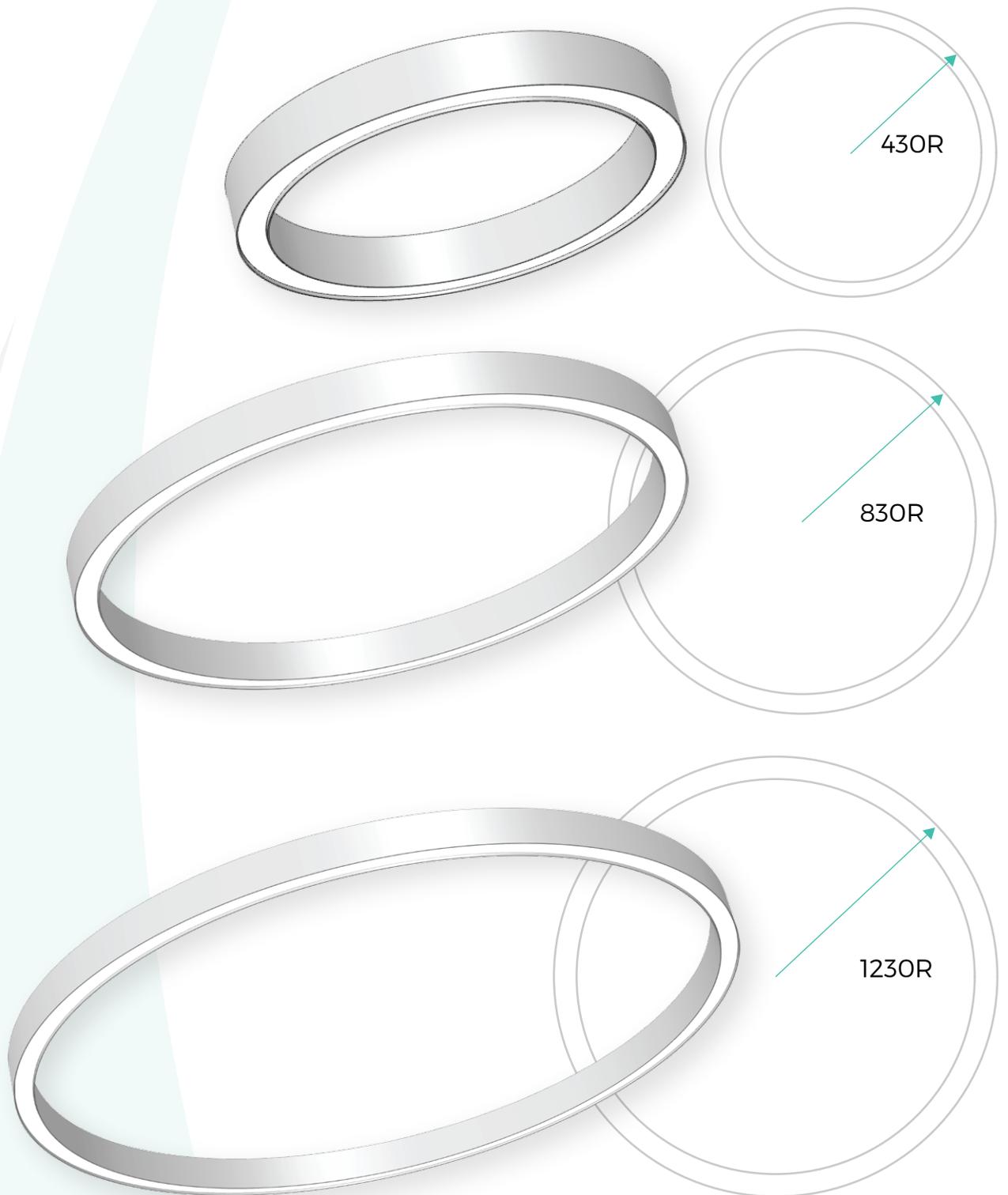
Some examples of Shapes and Sizes

The LOOP series has the ability to form myriad of shapes and sizes from simple curved corners to the most complex configuration only limited by your imagination



NOTE: All of the above examples have been designed using standard radii

XTA | 2.5 LOOP BEAM Standard Rings



Custom size rings available on request

XTA | 2.5 LOOP BEAM

Install Template

Xero Loop profiles come with the mounting templates that allow for easy installation.

The template should be assembled on the floor and the position in the room checked against the reflected ceiling plan then suspension positions should be laser transferred to the ceiling for accurate positioning before installing. Individual sections 'click' together to create an exact template of the actual luminaire.

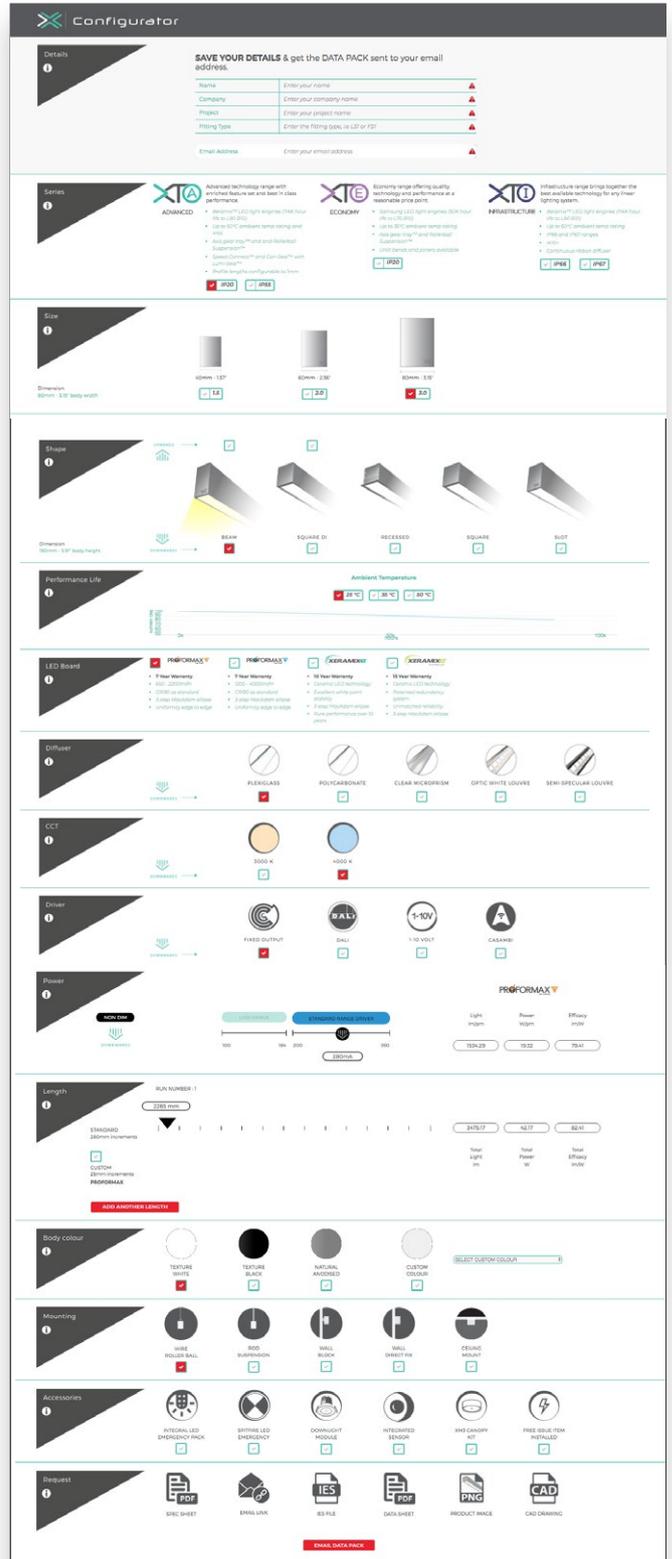
Ease of installation is just another standard from the leader in linear lighting innovation.



Shape illustrated is an example only.
Templates are supplied for all individual designs and shapes



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:** A form to save user details (Name, Company, Project, Mounting Type, Email Address) and receive a data pack.
- Series:** Selection between XTA (Advanced), XTE (Economy), and XTO (Infrastructure) based on performance and price.
- Size:** Selection of three different body sizes (60mm, 80mm, 100mm).
- Shape:** Selection of five different beam shapes (Beam, Square D1, Recessed, Square, Slot).
- Performance Life:** A graph showing ambient temperature (24°C, 35°C, 40°C) and its effect on light output over time.
- LED Based:** Selection of different LED technologies (Reformax, Xeramax) with their respective warranties and features.
- Diffuser:** Selection of five different diffuser materials (Plexiglass, Polycarbonate, Clear Microbeam, Optic White, Semi-Specular).
- CCT:** Selection of color temperature (3000K, 4000K).
- Driver:** Selection of driver types (Fixed Output, DALI, 1-10V, Casambi).
- Power:** A slider to adjust power output and a table showing light output, power input, and efficacy for different power levels.
- Length:** Selection of length (Standard 200mm increments, Custom 200mm increments) and a table showing total length, power, and efficacy.
- Body colour:** Selection of four body colors (Texture White, Texture Black, Natural Anodised, Custom Colour) with a color picker.
- Mounting:** Selection of five mounting options (Wide Mount, Rod Suspension, Wall Mount, Wall Street Fix, Ceiling Mount).
- Accessories:** Selection of various accessories like Internal LED, Remote LED, Downlight Module, Integrated Sensor, HSS Gantry Kit, and Free Scale from Protolabs.
- Request:** Selection of file formats for data sheets and drawings (PDF, Email Link, IES File, Data Sheet, Product Image, PNG, CAD Drawing).

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



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