XERO
Linear Lighting Systems

XERO TECHNOLOGY INFRASTRUCTURE **XTI**

XTI | 3.0 CB Square Cable Base
IK10+ | IP66

Luminaire	metric	80mm Wide x 51mm High
	imperial	3.14" Wide x 2.00" High

Segregated Cable Base	metric	86mm Wide x 83mm High
	imperial	3.38" Wide x 3.26" High

ADVANCED INDUSTRY BEST 10 YEAR WARRANTY
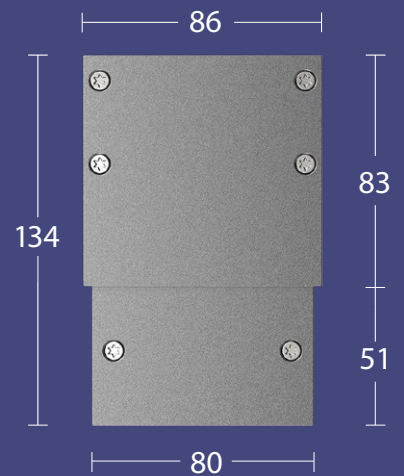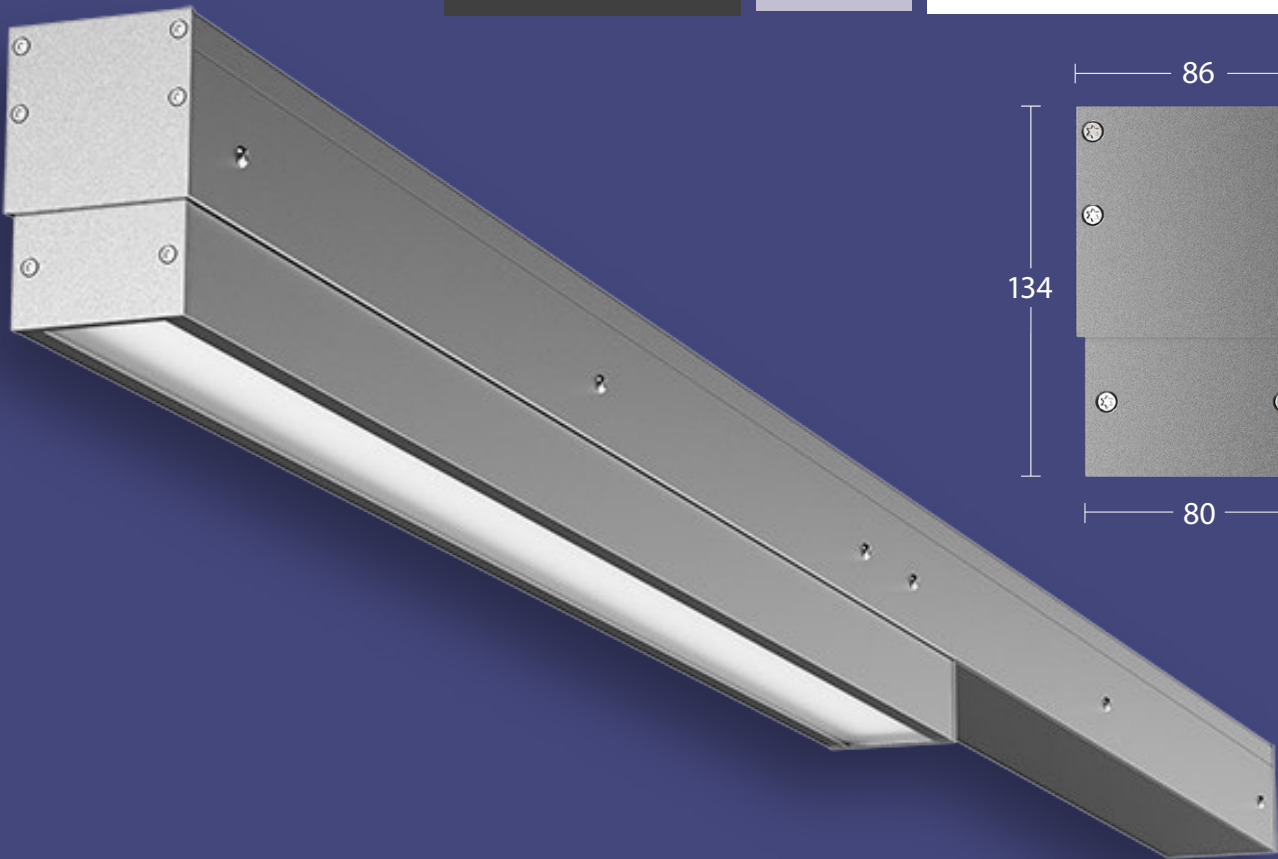
DATA TABLE

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		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	Mated Dimensions		(Luminaire 80mm W x 51mm H) (Segregated Cable Base 86mm W x 83mm H)	
	Weight per metre		6.3kg (13.88lbs) (Combined average weight of Luminaire & Segregated Cable Base)	
	Housing		Aluminium Extrusion with: Standard – silver powder-coat, black or white textured, (or) optional selected powder-coated finish	
	Diffuser		Opaque Polycarbonate Diffuser/ Clear Polycarbonate Diffuser / Parabolic Louvre	
	Connections		Optional polarised electrical connection between sections	
	Compatible ceiling type		Suitable for drywall ceilings, m etal pan, concrete, timber and T bar grid ceilings	
	Mounting		Surface Mounting / Custom Mounting / Rod Suspension / Wall Mounting	
	Joiner options		90°/ Straight / 180°/ Custom	
	Operating temperatures		-25°C to 50°C (-13°F to 140°F)	
	Environment		Luminaire IP66 (Not in direct sunlight, diffuser must not face upwards). Segregated Cable Base IP20	
	Minimum length adjustment		Luminaire 25mm, Segregated Cable Base 1mm.	
	LED board types		Xeramix 1 and Xeramix R Boards and drivers in 25mm compatible / 100mm 280mm and 560mm Zhaga lengths	
	IK rating		IK11	
	Vandal proof		Available with anti-vandal fasteners	
	Optional extras		Lanyards / Emergency packs / Camera / Environmental plugs / Thermal throttle / IOT connectivity	

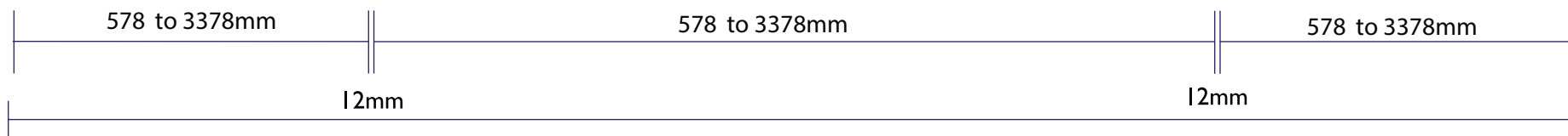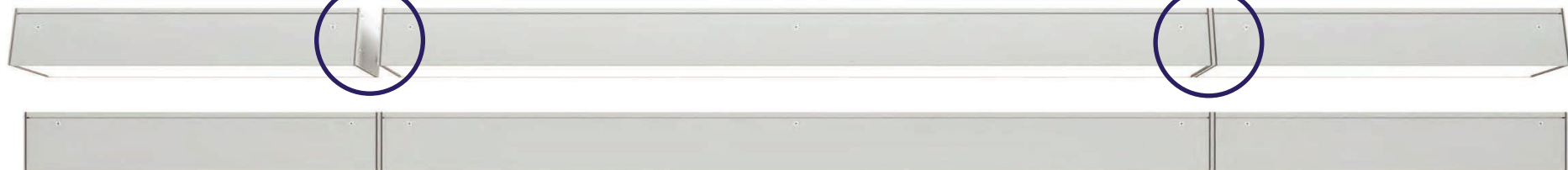# Example of luminaire joining combination
(Cable base not shown)

*

3mm gasget
3mm endplate
3mm endplate
3mm gasget
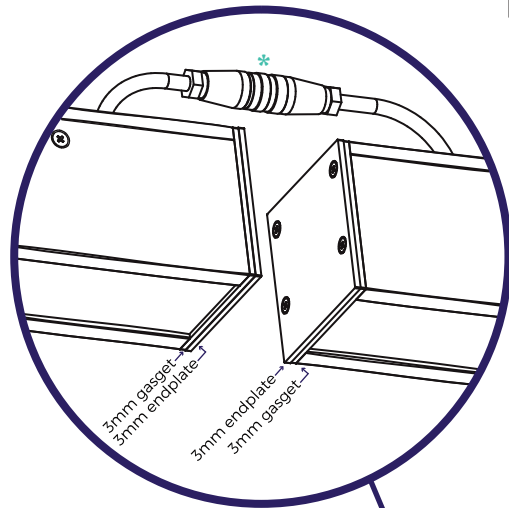
Separated
*optional plug shown

Joined

578 to 3378mm

578 to 3378mm

578 to 3378mm

12mm

12mm
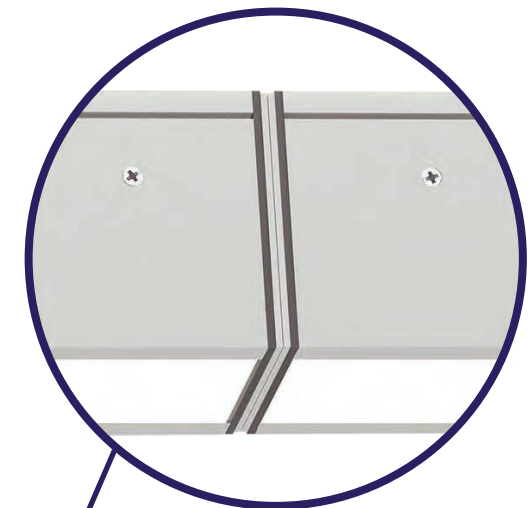
Total length 578 to ∞

Example combination
Other combinations and configurations are available.
(Cable base not shown)

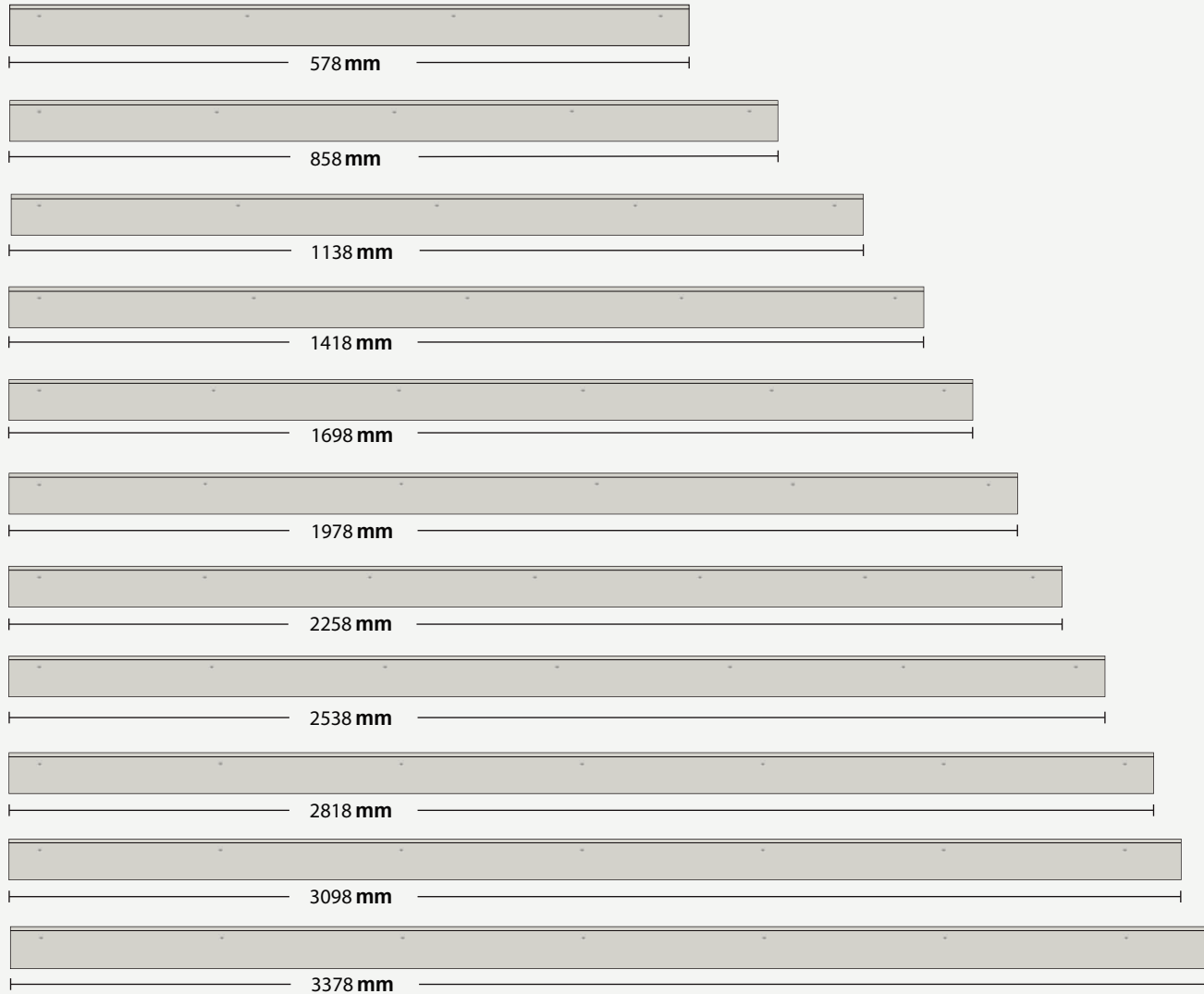| 1138mm | 3378mm |

Total length 4516mm

CREATING LENGTHS WITH XTI | 3.0 Square IP66 IK10+

The XTI | 3.0 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

XTI LUMINAIRE AVAILABLE LENGTHS

578 **mm**

858 **mm**

1138 **mm**

1418 **mm**

1698 **mm**

1978 **mm**

2258 **mm**

2538 **mm**

2818 **mm**

3098 **mm**

3378 **mm**

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

XERO TECHNOLOGY INFRASTRUCTURE XTI

XTI | 3.0 CB Square Cable Base
Dimensions

86

46

37
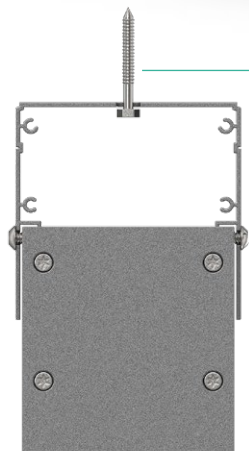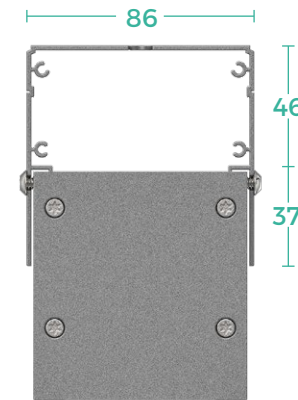
Fix fitting
to required
sub-straight

(Fasteners not supplied)

90° Join

Example combination -
(other combinations / configurations available)

XERO
TECHNOLOGY
INFRASTRUCTURE XTI I

XTI | 3.0 CB Square Cable Base

IKlO+ Mounting Box

IKlO+ Cover
Where / if required

86

134

83

51

80

Lighting profile:
XTI | 3.0 Square IP66 IK10+
Note: Luminaire can be 'hot swapped
onsite to aid maintenance

Optional:
Smoke detector
EWIS Speaker
Camera etc

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XERO TECHNOLOGY INFRASTRUCTURE XTI I

XTI | 3.0 CB Square (Cable Base)

Overall size: 86mm Wide x 134mm High

Luminaires can be placed where
required or in a continuous row arrangement

L90 | B10 | 114K Hours | 50° Ambient | IP66 | IK10+ | 10 Year Warranty

technical data

XTI | 3.0 Square
IK10+ | IP66

Optical control

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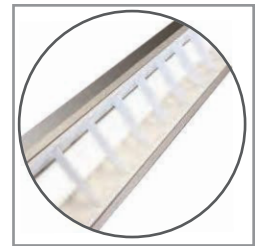

VO Low Smoke
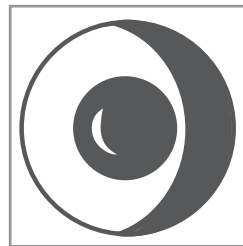Polycarbonate

Polycarbonate

Semi-specular
Louvre

Optic white
louvre

sensors / daylight
harvesting

emergency packs

pa speaker

ewis speaker

smoke detector

camera