

lightingzone*

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Lightingzone Ltd

Unit 23 Red Lion Business Park
Red Lion Road, Surbiton, Surrey, KT6 7QD

Tel: +44 (0) 208 391 9001

E-mail: sales@lightingzone.net

Web: www.lightingzone.net

Flexible



RELIABLE PERFORMANCE



UV Protected



3 step LED



Waterproof IP67

CRI 80+ CRI<80

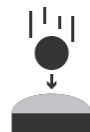


Saltwater Resistant

LM80 LM-80 Compliant



Resistant to Solvents



IK08 Protection

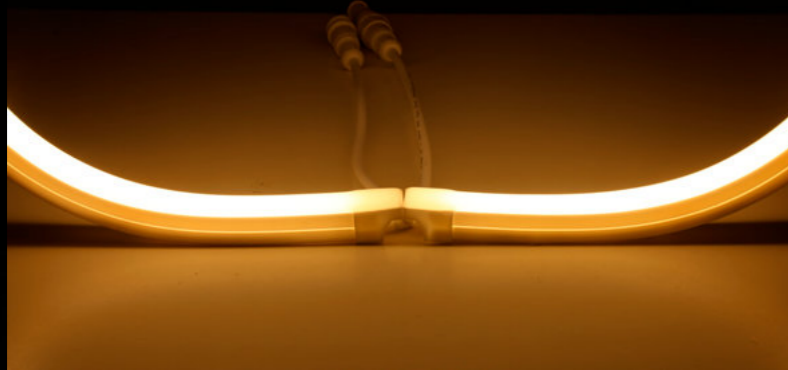
Polyurethane encapsulation within silicon body gives waterproof sealing, UV resistance, chemical stability and protection against abrasion.

3 step Mac-Adam single bin LEDs with a CRI>80 and LM80 compliance ensure a stable high quality long lasting light output.

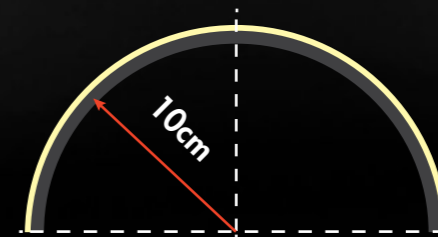
GLARE FREE UNIFORM ILLUMINATION

The light emitting part features a diffuse opal finish to ensure uniformity over the entire surface.

Absence of shadow zones thanks to input cable positions at the rear or side.



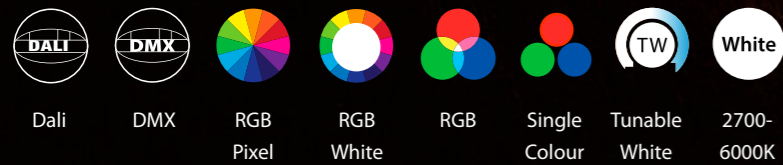
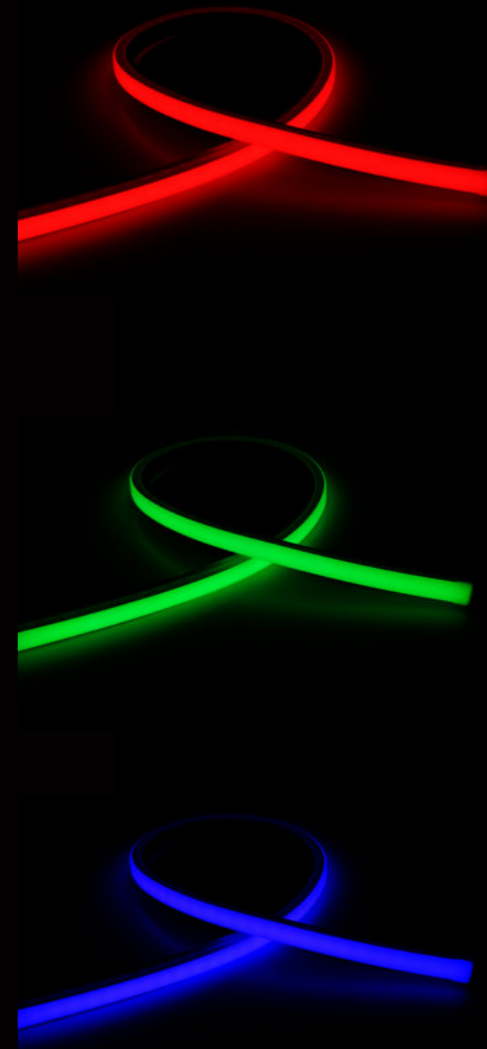
EXTREME FLEXIBILITY



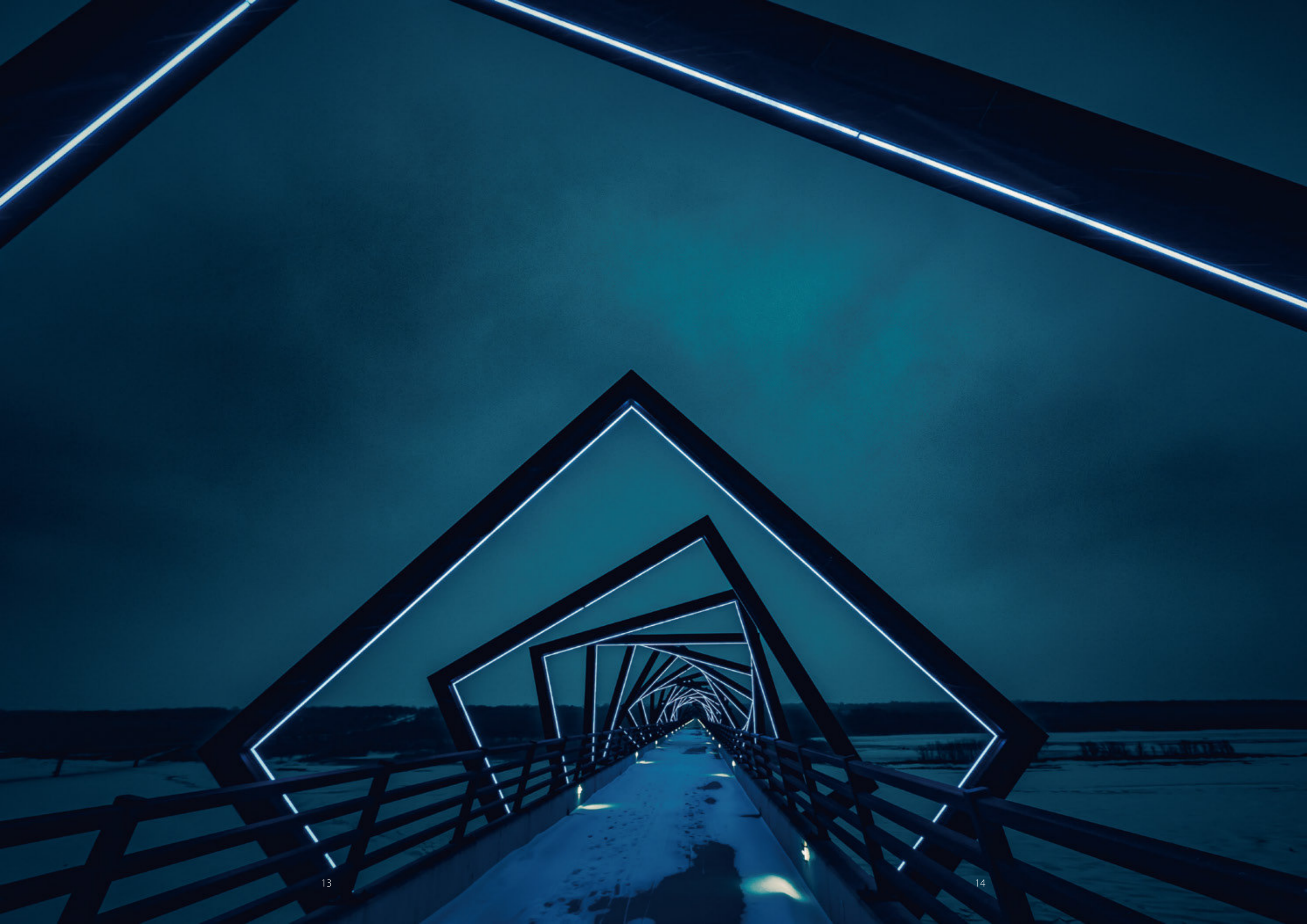
While all versions are flexible, the FX5 offers extreme flexibility with a minimum bend radius of just 10cm.

COLOUR - CHANGING DYNAMICS

Flexible Architectural linear lighting can be integrated onto building facades. By day the lighting recedes into the background. However as darkness falls, they allow buildings to take on an exciting new forms.

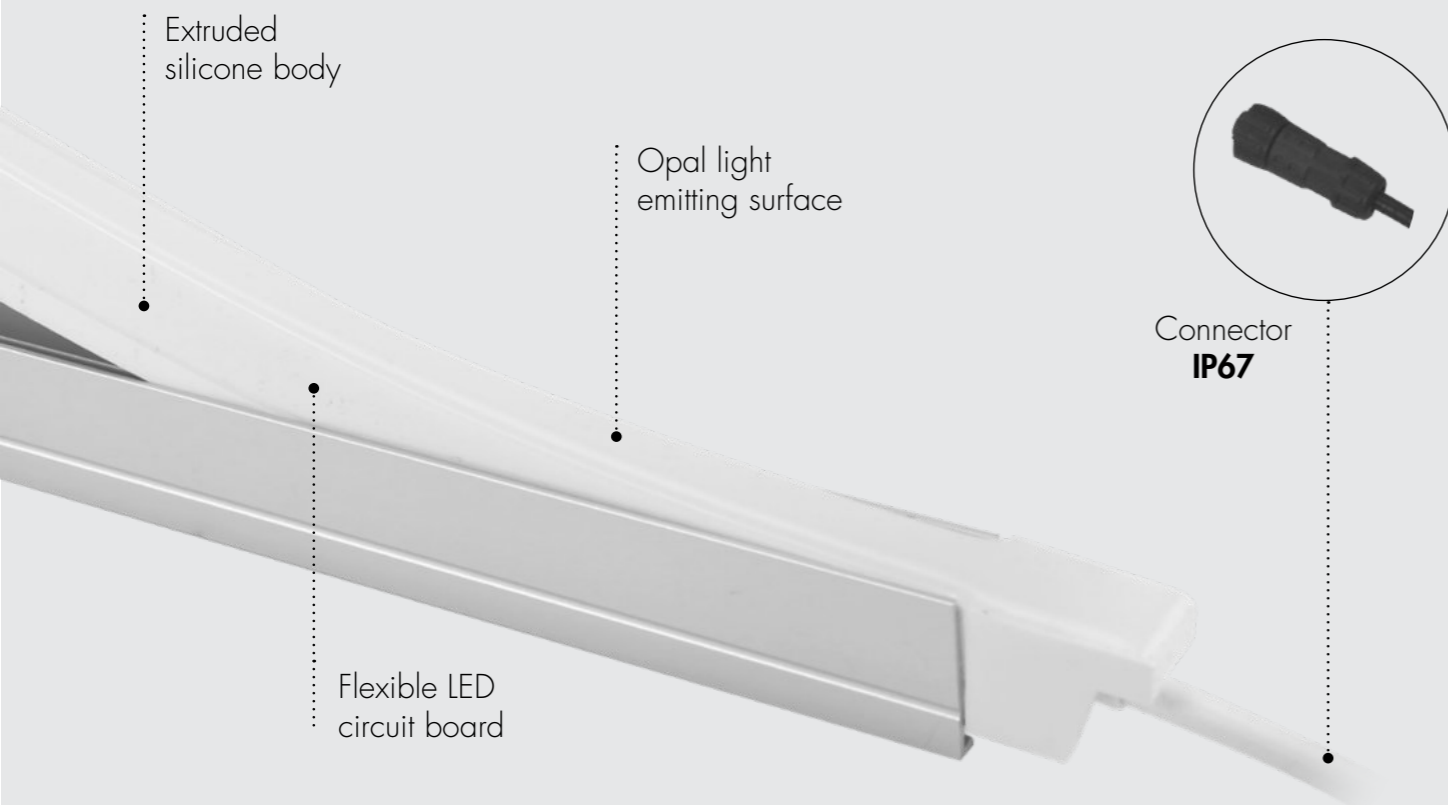






Advanced Manufacturing

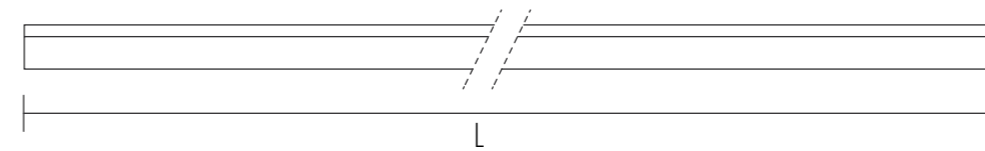
Advanced manufacturing process utilises flexible double layer circuit board technology within an extruded silicon body. LEDs encapsulated in an opal polyurethane light emitting material give continuous uniform illumination.



Bespoke Solutions

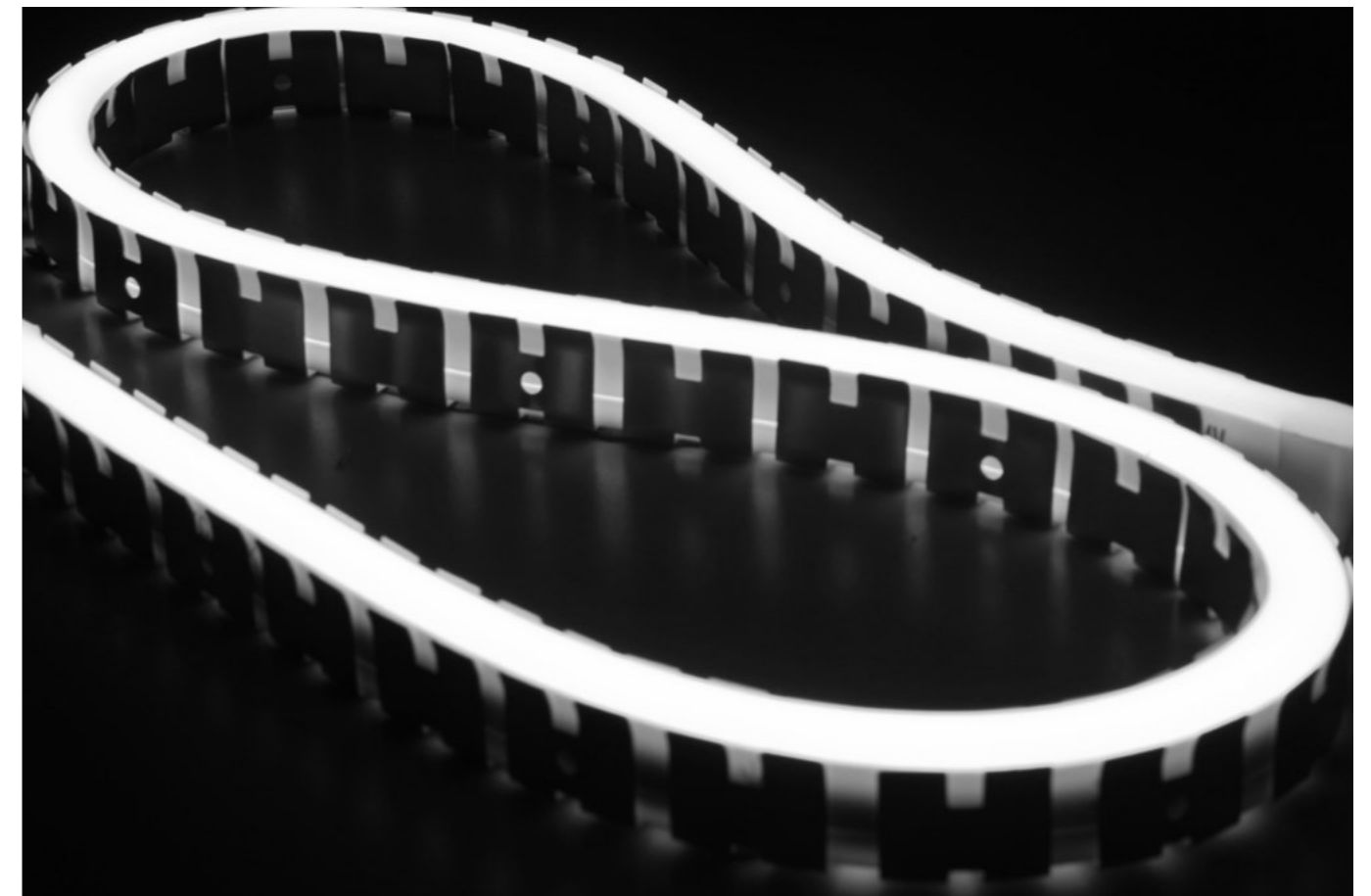
Each length of Flexible is manufactured to order and individually tested before delivery to ensure a long, trouble free service life.

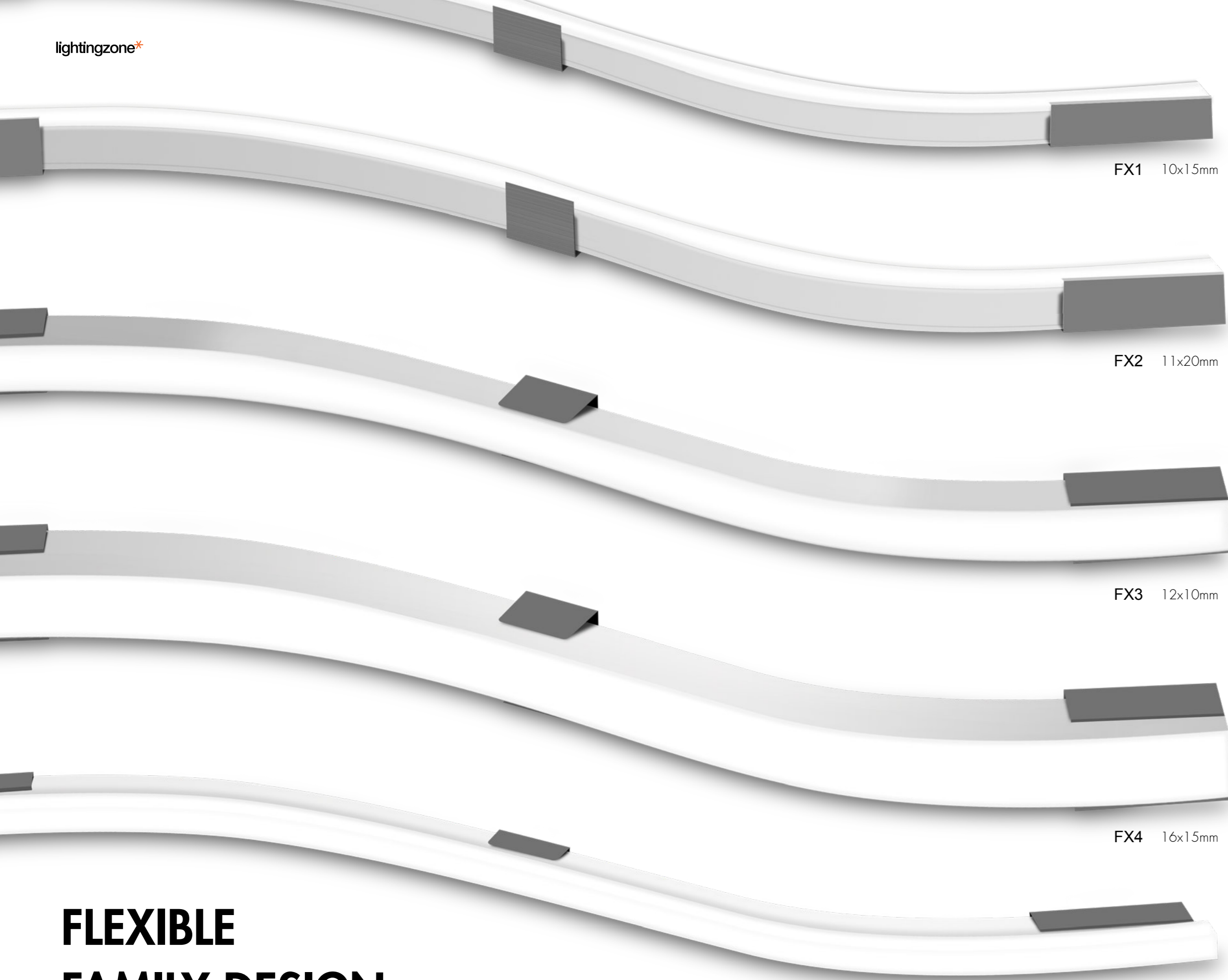
White and Single Colours are available in lengths up to 10m long. Tunable White & RGB up to 5m long.



Bespoke lengths 1-10 meters.

A wide range of metal mounting clips, flexible spines and rigid profiles allow custom shapes to be precisely formed and exciting bespoke lighting effects to be created.





FX1 10x15mm

FX2 11x20mm

FX3 12x10mm

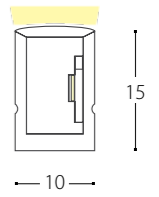
FX4 16x15mm

FX5 10x10mm

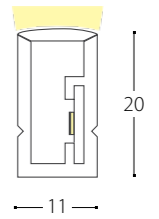
Flexible



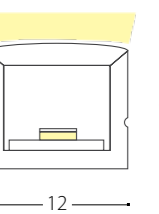
Side Flex



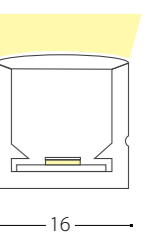
Side Flex



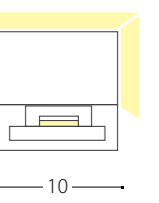
Top Flex



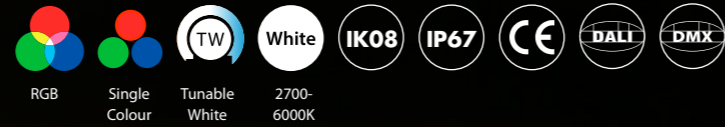
Top Flex



Top Flex



FLEXIBLE FAMILY DESIGN



FX1 - 10x15mm

FEATURES

- up to 830 Lumen Output per metre
- 120° Top Emitting
- Side Flex
- White, Tunable White, Colour & RGB options
- CRI 80+
- Dali & DMX options

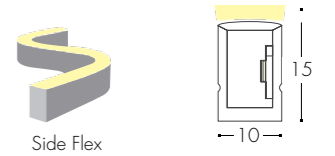
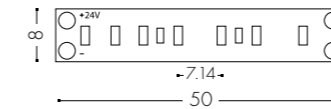
Driver Options
 Non-Dimmable
 DALI Dimmable
 DMX Driver

SPECIFICATION

FX1 - Single Colour

Lumen Output	CCT ¹	Beam Angle	Min Bend Radius ²	Module Length	Max Length
600 - 670 lm/m	2700K - 6000K	120°	250mm Inside / 350mm Outside	50mm	10m
265 lm/m	Red				
340 lm/m	Blue				
180 lm/m	Green				

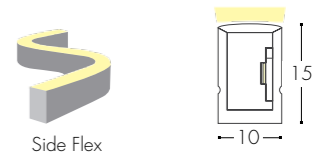
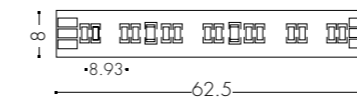
¹ Other Colour Options available (Please See Website)
² Relative to LED PCB



FX1 - Tunable White

Lumen Output	CCT	Beam Angle	Min Bend Radius ²	Module Length	Max Length
800 - 830 lm/m	2700K - 6000K	120°	250mm Inside / 350mm Outside	62.5mm	5m

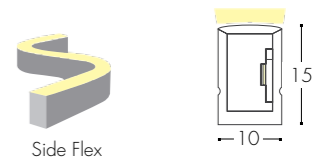
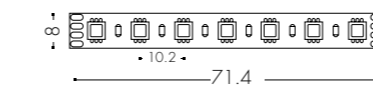
² Relative to LED PCB



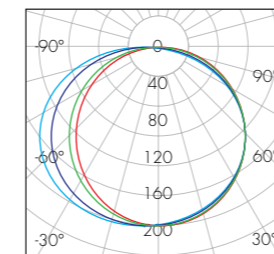
FX1 - RGB

Lumen Output	CCT	Beam Angle	Min Bend Radius ²	Module Length	Max Length
300 lm/m	RGB	120°	250mm Inside / 350mm Outside	71.4mm	5m

² Relative to LED PCB



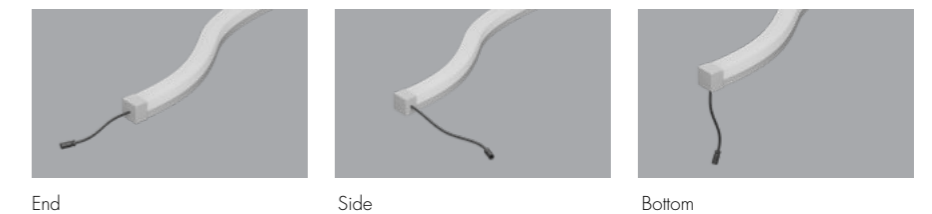
Photometrics



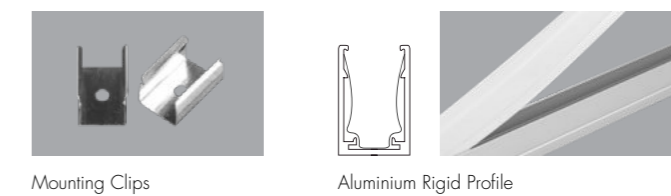
cd/klm

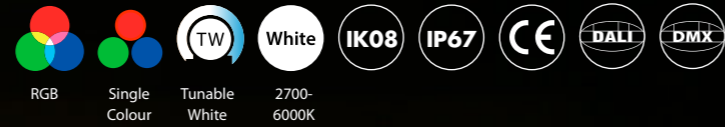
- C0 / 180, 114.4
- C30 / 210, 122.7
- C60 / 240, 136.5
- C90 / 270, 141.9

Cable Entry



Mounting Accessories





FX2-11x20mm

FEATURES

- up to 880 Lumen Output per metre
- 120° Top Emitting
- Side Flex
- White, Tunable White, Colour, RGBW & RGB Pixel options
- CRI 80+
- Dali & DMX options

Driver Options

- Non-Dimmable
- DALI Dimmable
- DMX Driver

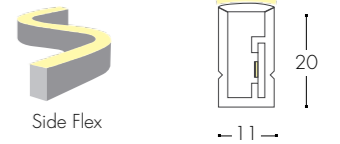
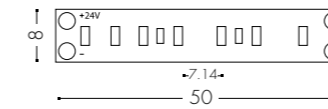
SPECIFICATION

FX2 - Single Colour

Lumens Output	CCT ¹	Beam Angle	Min Bend Radius ²	Module Length	Max Length
680 - 770 lm/m	2700K - 6000K	120°	250mm Inside / 350mm Outside	50mm	10m
213 lm/m	Red				
321 lm/m	Blue				
152 lm/m	Green				

¹ Other Colour Options available (please see website)

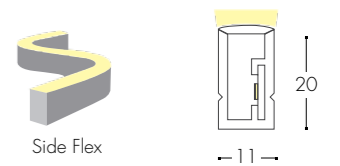
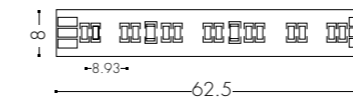
² Relative to LED PCB



FX2 - Tuneable White

Lumens Output	CCT	Beam Angle	Min Bend Radius ²	Module Length	Max Length
810-880 lm/m	2700K-6000K	120°	250mm Inside / 350mm Outside	62.5mm	5m

² Relative to LED PCB

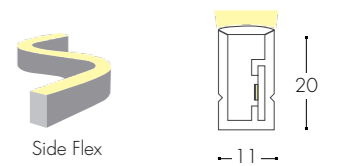
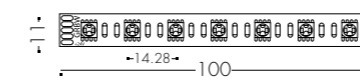


FX2 - RGB

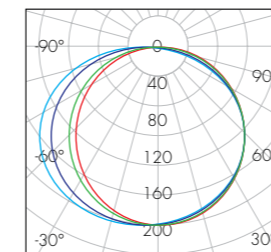
Lumens Output	CCT	Beam Angle	Min Bend Radius ²	Module Length	Max Length
450 lm/m	RGBW 2700K-6000K	120°	250mm Inside / 350mm Outside	100mm	5m
25 lm/m	RGB Pixel ³				

² Relative to LED PCB

³ IP67 2 Pin Single/Double Entry available



Photometrics



cd/klm	Beam Angle
180	114.4°
210	122.7°
240	136.5°
270	141.9°

Cable Entry



End

Side

Bottom

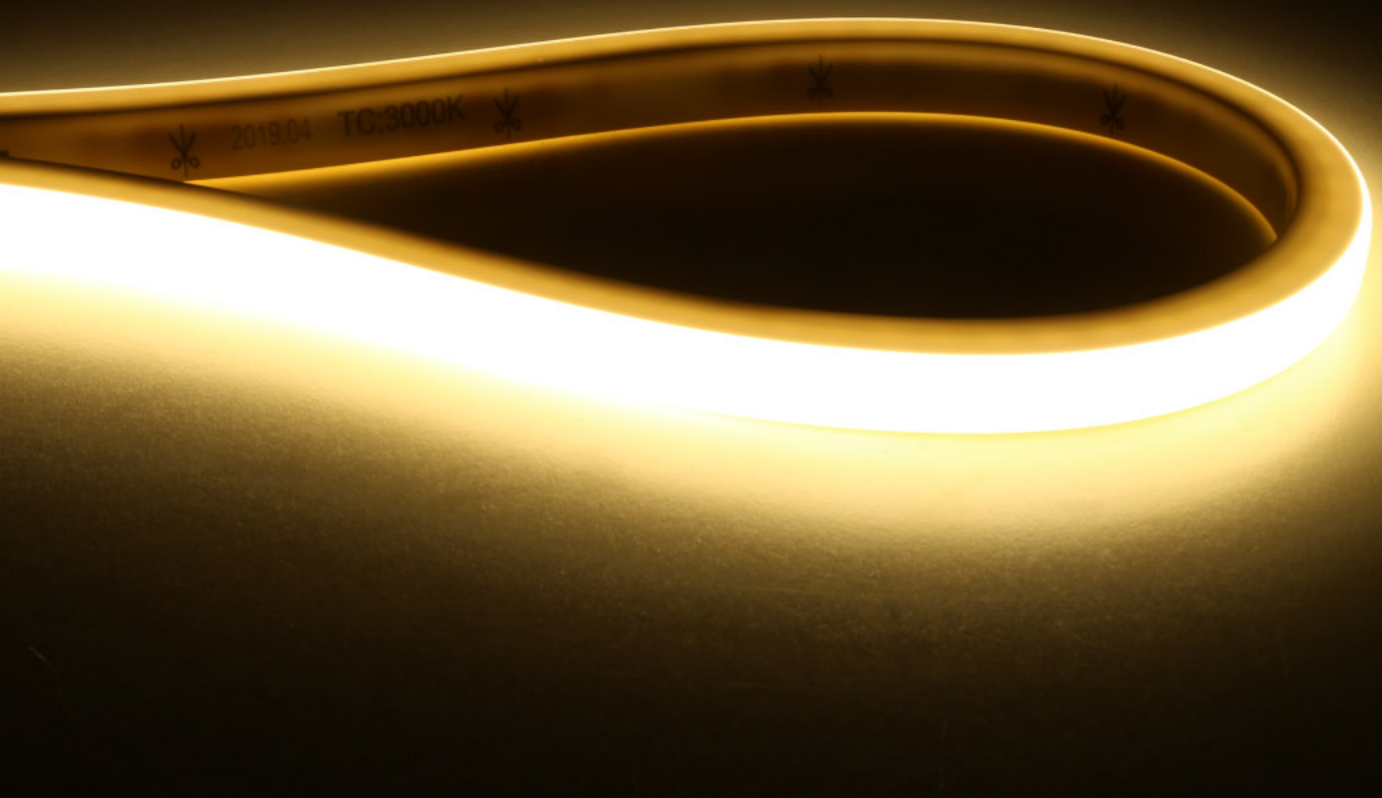
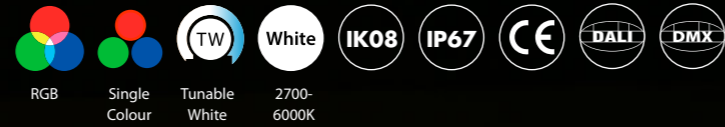
Mounting Accessories



Mounting Clips

Aluminium Rigid Profile

Flexible Spine



FX3 - 12x10mm

FEATURES

- up to 830 Lumen Output per metre
- 120° Top Emitting
- Top Flex
- White, Tunable White, Colour, RGB options
- CRI 80+
- Dali & DMX options

Driver Options

- Non-Dimmable
- DALI Dimmable
- DMX Driver

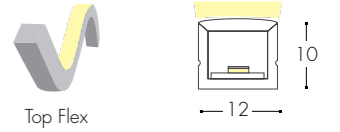
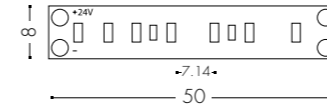
SPECIFICATION

FX3 - Single Colour

Lumen Output	CCT ¹	Beam Angle	Min Bend Radius ²	Module Length	Max Length
800 - 830 lm/m	2700K- 6500K	120°	250mm Inside /350mm Outside	100mm	10m
265 lm/m	Red				
340 lm/m	Blue				
180 lm/m	Green				

¹ Other Colour Options available (please see website)

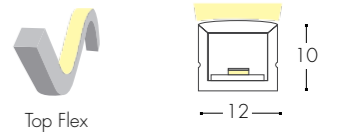
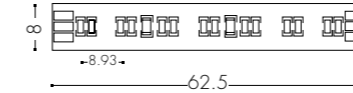
² Relative to light emitting surface



FX3 - Tuneable White

Lumen Output	CCT	Beam Angle	Min Bend Radius ²	Module Length	Max Length
800-830 lm/m	2700K- 6500K	120°	250mm Inside /350mm Outside	62.5mm	5m

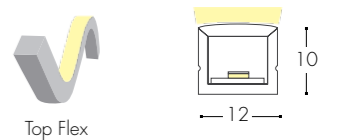
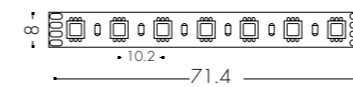
² Relative to light emitting surface



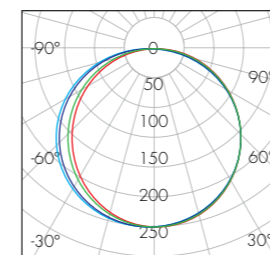
FX3 - RGB

Lumen Output	CCT	Beam Angle	Min Bend Radius ²	Module Length	Max Length
300 lm/m	2700K- 6500K	120°	250mm Inside /350mm Outside	71.4mm	5m

² Relative to light emitting surface



Photometrics



cd/klm	Option
180	C0 /180,113.7
210	C30/210,117.0
240	C60/240,123.4
270	C90/270,126.1

Cable Entry



End

Side

Bottom

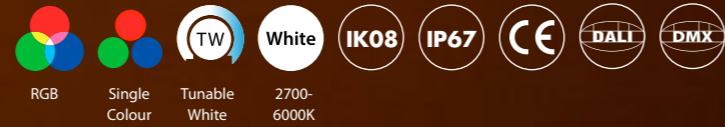
Mounting Accessories



Mounting Clips

Aluminium Rigid Profile

Flexible Spine



FX4 - 16x15mm

FEATURES

- Up to 1090 Lumen Output per metre
- 120° Top Emitting
- Top Flex
- White, Tunable White, Colour, RGBW & RGB Pixel options
- CRI 80+
- Dali & DMX options

Driver Options

- Non-Dimmable
- DALI Dimmable
- DMX Driver

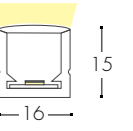
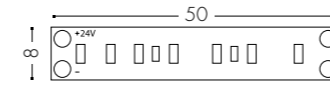
SPECIFICATION

FX4 - Single Colour

Lumen Output	CCT ¹	Beam Angle	Min Bend Radius ²	Module Length	Max Length
980 - 1090 lm/m	2700 - 6000K	120°	250mm Inside /350mm Outside	50mm	10m
260 lm/m	Red				
360 lm/m	Blue				
193 lm/m	Green				

¹ Other Colour Options available (please see website)

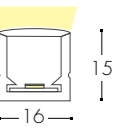
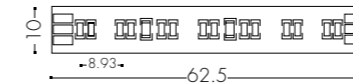
² Relative to light emitting surface



FX4 - Tuneable White

Lumen Output	CCT	Beam Angle	Min Bend Radius ²	Module Length	Max Length
810-880 lm/m	2700 - 6500K	120°	250mm Inside /350mm Outside	62.5mm	5m

² Relative to light emitting surface

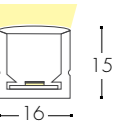
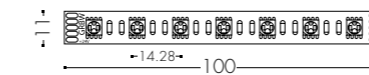


FX4 - RGB

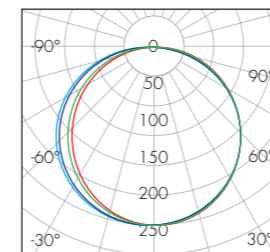
Lumen Output	CCT	Beam Angle	Min Bend Radius ²	Module Length	Max Length
550 lm/m	RGBW (2700 - 6000K)	120°	250mm Inside /350mm Outside	100mm	5m
25 lm/m	RGB Pixel ³				

² Relative to light emitting surface

³ IP67 2 Pin Single/Double Entry available



Photometrics



- cd/klm
- C0 /180,113.7
 - C30/210,117.0
 - C60/240,123.4
 - C90/270,126.1

Cable Entry



End

Side

Bottom

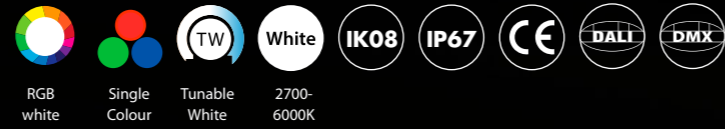
Mounting Accessories



Mounting Clips

Aluminium Rigid Profile

Flexible Spine



FX5 - 10x10mm

FEATURES

- Up to 920 Lumen Output per metre
- 180° 3-side Emitting
- Top Flex
- Extreme flexibility, 60mm Min Bend Radius
- White, Tunable White, Colour, RGB & RGBW options
- CRI 80+
- Dali & DMX options

Driver Options

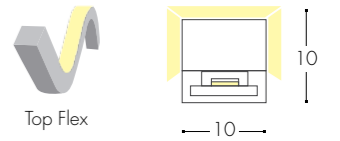
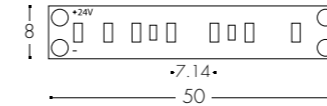
- Non-Dimmable
- DALI Dimmable
- DMX Driver

SPECIFICATION

FX5 - Single Colour

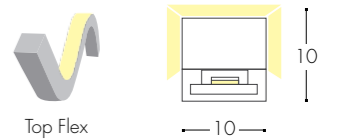
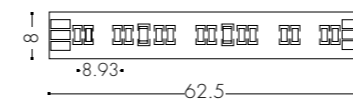
Lumen Output	CCT ¹	Beam Angle	Min Bend Radius	Module Length	Max Length
780 - 920 lm/m	2700K - 6000K	180°	100mm	50mm	10m
265 lm/m	Red				
340 lm/m	Blue				
180 lm/m	Green				

¹ Other Colour Options available (please see website)



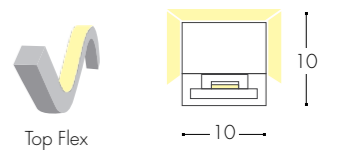
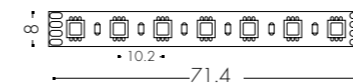
FX5 - Tuneable White

Lumen Output	CCT	Beam Angle	Min Bend Radius	Module Length	Max Length
800 - 830 lm/m	2700K-6000K	180°	100mm	50mm	5m

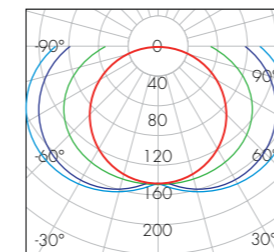


FX5 - RGB

Lumen Output	CCT	Beam Angle	Min Bend Radius	Module Length	Max Length
300 lm/m	RGB	180°	100mm	71.4mm	5m
300 lm/m	RGBW (2700 - 6000K)				

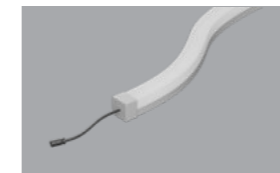


Photometrics



cd/klm	Option
117.9	C0 / 180, 117.9
159.1	C30 / 210, 159.1
180.0	C60 / 240, 180.0
180.0	C90 / 270, 180.0

Cable Entry



End

Mounting Accessories



Mounting Clips

Aluminium Rigid Profile

Flexible Spine

PC Profile