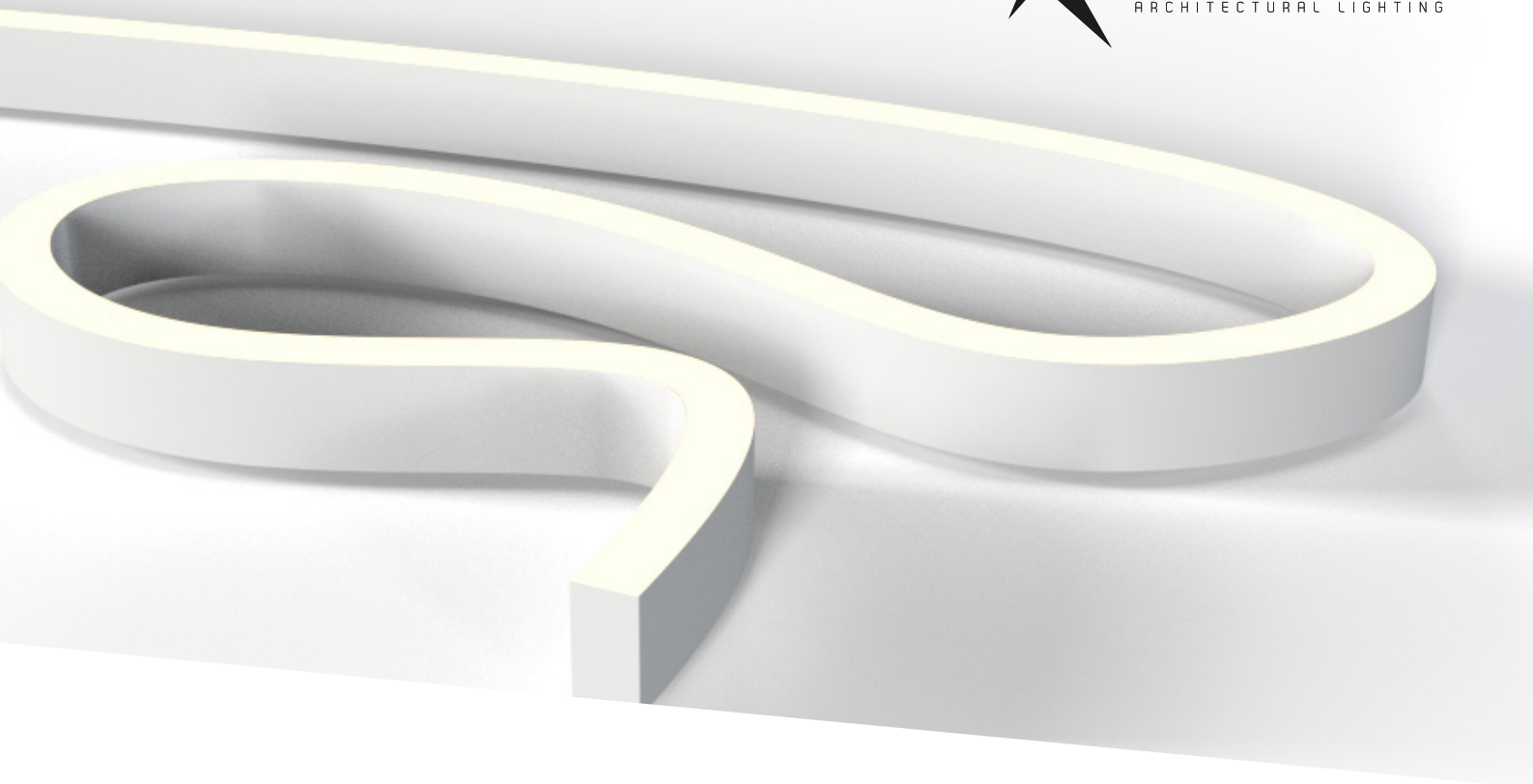




Flexus 1 Silicone

Single Colour Flexible LED



5-Year
Warranty

IP68
Rating

Flame
Resistant

Solvent
Resistant

Saltwater
Resistant

ROHS
Compliant

CE
Certified

UK
CA
Assessed

Applications

- Counters
- Decorative
- Facades
- Landscapes
- Pools

Features

- High quality homogenous light
- Horizontal bend
- 90mm min bend diameter
- Exterior use/under water
- IP68
- Power from one or both ends
- Environmentally friendly
- Energy efficient
- UV resistant
- Silicone material

Technical Information

	White	Red	Green	Blue	Amber
Lumen Output (lm/m)	130	50	130	25	50
Power (W/m)	4.5	3.5	4.5	4.5	3.5
Material	Silicone				
Bending	Horizontal				
CCT	Red • Green • Blue • Amber • 2200K • 2700K • 3000K • 3500K • 4000K • 5700K				
CRI	>80 • >90				
Control	Switched • 0-10V • DALI • DMX • Phase • Bluetooth				
Beam Angle	115°				
LED	Nichia • Epistar				
Binning	3 Step MacAdam				
Input Voltage (V)	24				
Max length (1 Feed)	30m				
Cutting	Red • Amber: 125mm White • Green • Blue: 83mm				
IP Rating	IP68				
Operating Ambient Temp	-40°C to 55°C				
Lifetime	>50,000hrs				
Connection	5mtr tail to bare end				

Product Code

FX1-S-1-2-3-4-5

Create your product code by choosing your specification from the product areas.

Final example codes are shown to the right.

Example Codes

FX1-S-927-HB-1E-68-XXXX
FX1-S-930-HB-2E-68-XXXX

1 CCT	
>80CRI - 2200K	822
>80CRI - 2700K	827
>80CRI - 3000K	830
>80CRI - 3500K	835
>80CRI - 4000K	840
>8v700K	857
>90CRI - 2700K	927
>90CRI - 3000K	930
>90CRI - 3500K	935
>90CRI - 4000K	940
Red	R
Green	G
Blue	B
Amber	A

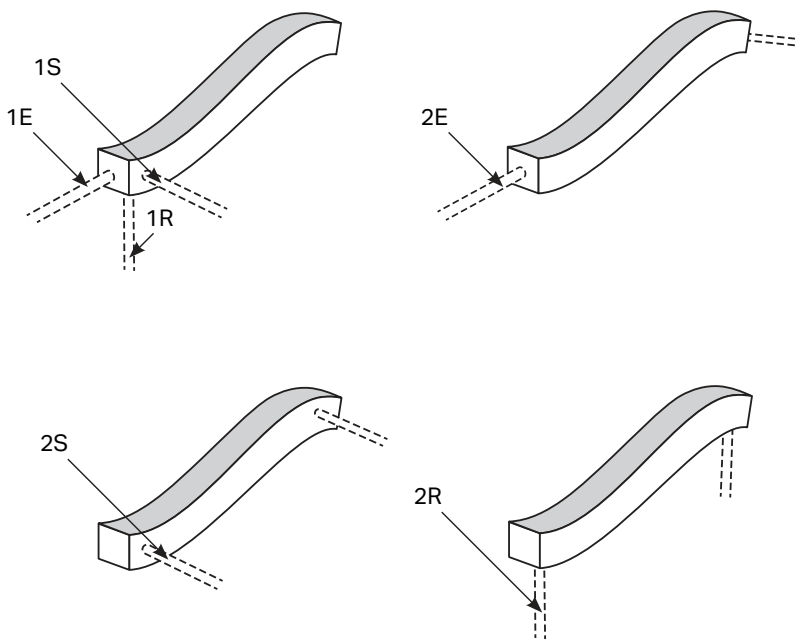
2 Bend	
Horizontal	HB

3 Cable Entry	
1 End Feed	1E
1 Side Feed	1S
1 Rear Feed	1R
2 End Feed	2E
2 Side Feed	2S
2 Rear Feed	2R

4 IP Rating	
IP68 <i>Max 5m depth</i>	68

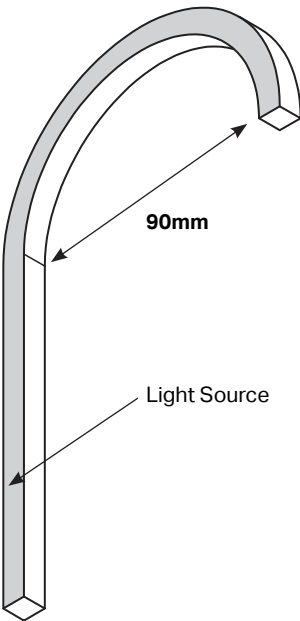
5 Length	
XXXXmm	XXXX

Cable Entry Options



⚠ Assembly Caution

Min Bend Dia is 90mm



Flexus 1

Fixing Accessories

Description

Kemps Code

Serrated Aluminium Profile 2000mm

FX1-SAP-2000

Serrated Aluminium Profile 1000mm

FX1-SAP-1000

Serrated Aluminium Profile 500mm

FX1-SAP-0500

Serrated Aluminium Profile 20mm

FX1-SAP-0020

Flexible Serrated Aluminium Profile 1000mm

FX1-FSP-2000

Flexible Serrated Aluminium Profile 500mm

FX1-FSP-0500

Serrated Recessed Aluminium Profile 2000mm

FX1-SRP-2000

Serrated Recessed Aluminium Profile 1000mm

FX1-SRP-1000

Serrated Recessed Aluminium Profile 500mm

FX1-SRP-0500

Serrated Recessed Aluminium Profile 20mm

FX1-SRP-0020

White Plastic Profile 2000mm

FX1-WPP-2000

White Plastic Profile 1000mm

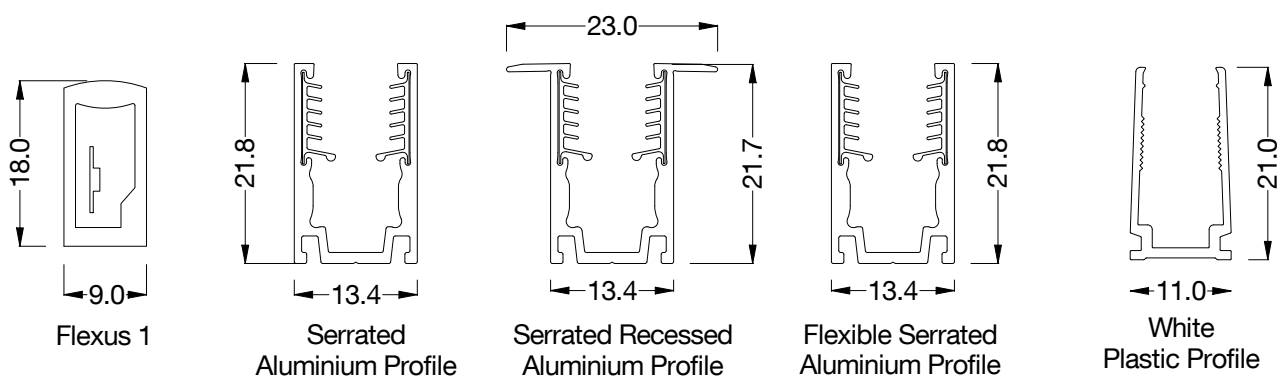
FX1-WPP-1000

White Plastic Profile 500mm

FX1-WPP-0500

For underwater, only use Plastic or Stainless Steel

Specification Drawings



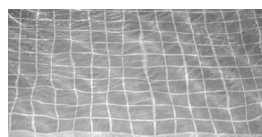
Underwater Applications



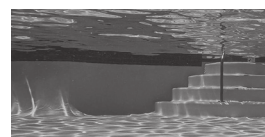
Fresh Water



Sea Water
(Salinity < 4%)



Swimming Pool
(Chlorine < 2PPM)



Swimming Pool
(Ozone < 0.3PPM)

Complies with EN60598-1 and pertinent regulations

Specifications are subject to change without prior notice. Please refer to our website for most up to date version.



Contact our sales team for further assistance

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kempsarchitecturallighting.com