

KEMPS
ARCHITECTURAL LIGHTING

Flexus 3 Silicone

Flexible Pixel LED - Digital controlled

5-Year Warranty · IP68 Rating · UV Resistant · Flame Resistant · Solvent Resistant · Saltwater Resistant · ROHS Compliant · CE Certified · UK Conformity Assessed

Applications

- Decorative
- Facades

Features

- Digital control of indivdual LEDs
- High quality lighting
- Vertical & Horizontal bend
- 300mm min bend diameter
- Interior or exterior
- IP68
- Environmentally friendly
- Energy efficient
- UV resistant
- Silicone material

Technical Information

	Single	White	RGB	RGBW
Lumen Output (lm/m)	Red 130	White 400	R 85	R 95
	Green 360	DW 220	G 225	G 230
	Blue 90		B 35	B 50
	Amber 130		RGB 345	W 260
Power (W/m)	Red • Green • Blue • Amber • White 12 DW 10 • RGB 16.5 • RGBW 22			
Material	Silicone			
Bending	Vertical • Horizontal			
CCT	Red • Green • Blue • Amber • 2200K • 2700K • 3000K • 3500K • 4000K • 5700K • 2200K/5700K • RGB • RGBW2700K • RGBW3000K • RGBW4000K			
Control	SPI - 12 Pixels per metre - 56 LEDs per metre			
Beam Angle	116°			
LED	Nichia • Epistar - UCS2904			
Binning	3 Step MacAdam			
Input Voltage (V)	24V			
Max length (1 Feed)	Red • Green • Blue • Amber • White • DW 15m RGB 10m • RGBW 8m			
Cutting	Red • Green • Blue • Amber • White • DW • RGB • RGBW 83mm DW 100mm			
IP Rating	IP68			
Operating Ambient Temp	-40°C to 55°C			
Lifetime	>50,000hrs			
Connection	5mtr tail to bare end			

Product Code

FX3 - PIX - 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

FX3-PIX-S-827-HB-1E-68-XXXX
FX3-PIX-S-840-VB-1R-68-XXXX

1 CCT

Red	**R**
Green	**G**
Blue	**B**
Amber	**A**
2200K 80CRI	**822**
2700K 80CRI	**827**
3000K 80CRI	**830**
3500K 80CRI	**835**
4000K 80CRI	**840**
5700K 80CRI	**857**
DW2200K-5700K	**22/57**
RGB	**RGB**
RGBW 2700K	**RGBW27**
RGBW 3000K	**RGBW30**
RGBW 4000K	**RGBW40**

2 Bend

Vertical	**VB**
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**

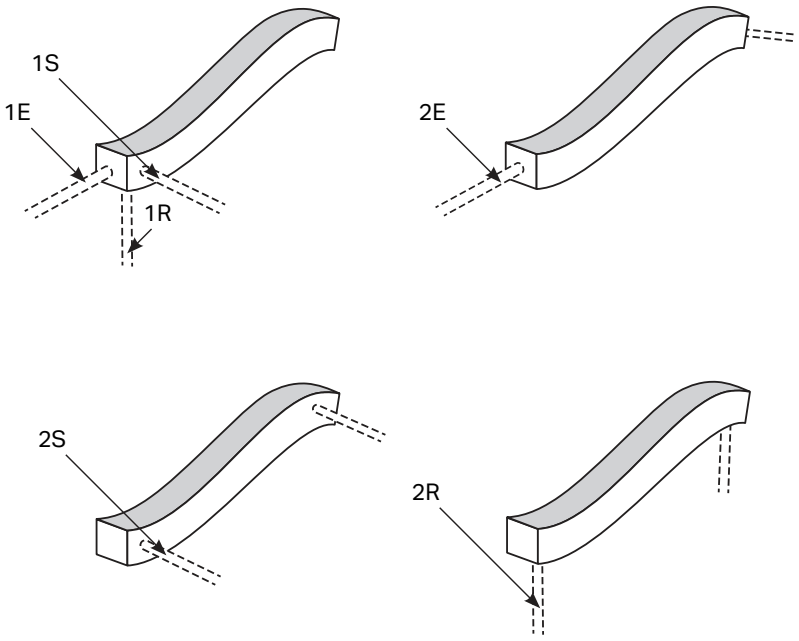
4 IP Rating

IP68 *Max 5m depth*	**68**

5 Length

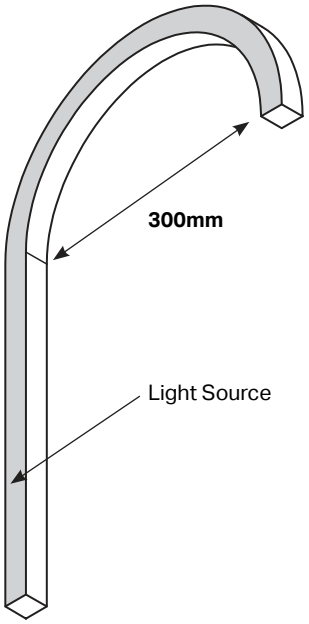
XXXXmm	**XXXX**

Cable Entry Options



⚠ Assembly Caution

Min Bend Dia is **300mm**



FX3-PIX-S-0522

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

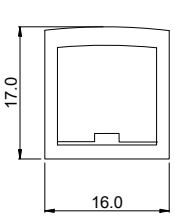
0113 263 9039 sales@kempslighting.com kempsarchitecturallighting.com

Flexus 3

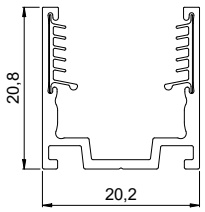
Fixing Accessories

Description	Kemps Code
Serrated Aluminium Profile 2000mm	**FX3-SAP-2000**
Serrated Aluminium Profile 1000mm	**FX3-SAP-1000**
Serrated Aluminium Profile 500mm	**FX3-SAP-0500**
Serrated Aluminium Profile 20mm	**FX3-SAP-0020**
Transparent Plastic Profile 2000mm	**FX3-TPP-2000**
Transparent Plastic Profile 1000mm	**FX3-TPP-1000**
Transparent Plastic Profile 500mm	**FX3-TPP-0500**
Transparent Plastic Profile 20mm	**FX3-TPP-0035**
Serrated Recessed Aluminium Profile 2000mm	**FX3-SRP-2000**
Serrated Recessed Aluminium Profile 1000mm	**FX3-SRP-1000**
Serrated Recessed Aluminium Profile 500mm	**FX3-SRP-0500**
Serrated Recessed Aluminium Profile 20mm	**FX3-SRP-0020**
Ceiling Mounting Clip (to be ordered with Serrated Recessed Profile)	**FX3-CMC**
Hybrid Aluminium & Clear Plastic Profile 2000mm	**FX3-HBP-2000**
Hybrid Aluminium & Clear Plastic Profile 1000mm	**FX3-HBP-1000**
Hybrid Aluminium & Clear Plastic Profile 500mm	**FX3-HBP-0500**
Hybrid Aluminium & Clear Plastic Profile 20mm	**FX3-HBP-0035**
Flexible Stainless Steel Profile 900mm	**FX3-FSSP-0900**
Flexible Stainless Steel Profile 500mm	**FX3-FSSP-0500**
Flexible Stainless Steel Profile 300mm	**FX3-FSSP-0300**
Flexible Stainless Steel Profile 100mm	**FX3-FSSP-0100**

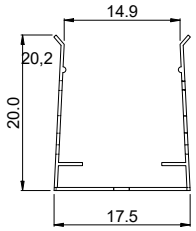
Specification Drawings



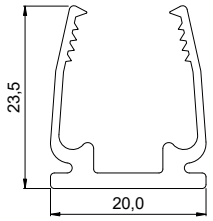
Flexus 3



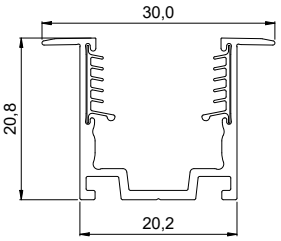
Serrated Aluminium Profile



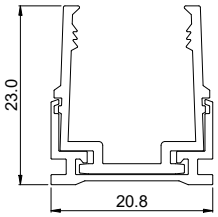
Flexible S/S Profile



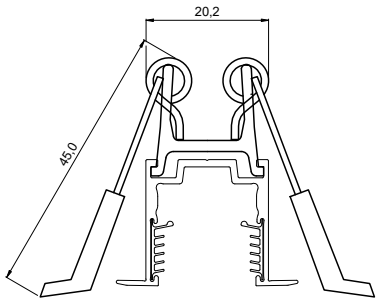
Transparent Plastic Mounting Profile



Serrated Recessed Aluminium Profile



Hybrid Aluminium & Clear Plastic Profile

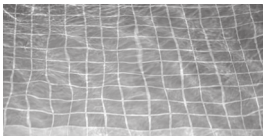


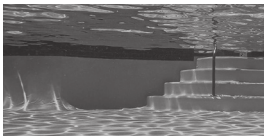
Ceiling Mounting Clip
(to be supplied with Serrated Recessed Mounting Profile)

Underwater Applications


Fresh Water


Sea Water
(Salinity<4%)


Swimming Pool
(Chlorine<2PPM)


Swimming Pool
(Ozone<0.3PPM)

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