

# Flexus 11 Silicone

Single Colour Flexible LED



## Applications

- Landscapes
- Pools
- Facades

## Features

- High quality homogenous light
- Horizontal bend
- 400mm min bend diameter
- Exterior and underwater use
- IP68
- Power from one or both ends
- Environmentally friendly
- UV resistant
- Silicone material

## Technical Information

<b>Power (W/m)</b>	12	16.5
<b>Lumen Output (lm/m)</b> Based on 4000K	950	1400
<b>Material</b>	Silicone	
<b>Bending</b>	Horizontal	
<b>CCT</b>	2200K • 2700K • 3000K • 4000K	
<b>CRI</b>	80 • 90	
<b>Control</b>	Switched • 0-10V • DALI • DMX • Phase • Bluetooth	
<b>Beam Angle</b>	116°	
<b>LED</b>	Nichia	
<b>Binning</b>	3 Step MacAdam	
<b>Input Voltage (V)</b>	24	
<b>Max length (1 Entry)</b>	15mtr (12W) • 10mtr (16.5W)	
<b>Cutting</b>	50mm	
<b>IP Rating</b>	IP68	
<b>IK Rating</b>	IK10	
<b>Operating Ambient Temp</b>	-40°C to 55°C	
<b>Lifetime</b>	>50,000hrs	
<b>Connection</b>	5mtr tail to bare end	

# Product Code

## FX11-S - 1 - 2 - 3 - 4 - 5 - 6

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

Final example codes are shown to the right.

Example Codes

FX11-S-827-12-HB-1E-68-XXXX  
FX11-S-840-16.5-HB-1S-68-XXXX

### 1 CCT

2200K 80CRI	<b>822</b>	2200K 90CRI	<b>922</b>
2700K 80CRI	<b>827</b>	2700K 90CRI	<b>927</b>
3000K 80CRI	<b>830</b>	3000K 90CRI	<b>930</b>
4000K 80CRI	<b>840</b>	4000K 90CRI	<b>940</b>

### 2 Power

12W	<b>12</b>
16.5W	<b>16.5</b>

### 3 Bend

Horizontal	<b>HB</b>
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### 4 Cable Entry

1 End Feed	<b>1E</b>
1 Side Feed	<b>1S</b>
1 Rear Feed	<b>1R</b>
2 End Feed	<b>2E</b>
2 Side Feed	<b>2S</b>
2 Rear Feed	<b>2R</b>

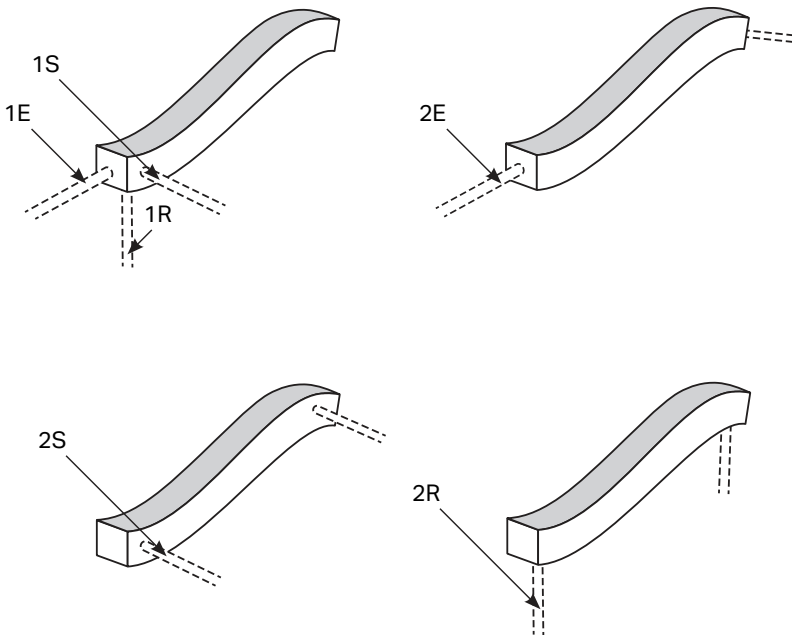
### 5 IP Rating

IP68 Max 5m depth	<b>68</b>
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### 6 Length

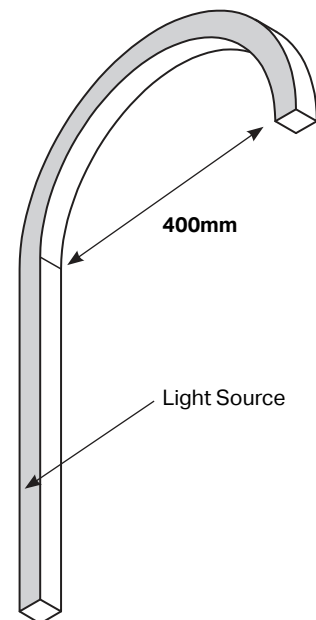
XXXXmm	<b>XXXX</b>
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## Cable Entry Options



## ! Assembly Caution

Min Bend Dia is **400mm**



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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# Flexus 11

## Fixing Accessories

### Description

### Kemps Code

### Specification Drawings

Serrated Aluminium Profile 2000mm

**FX11-SAP-2000**

Serrated Aluminium Profile 1000mm

**FX11-SAP-1000**

Serrated Aluminium Profile 500mm

**FX11-SAP-0500**

Serrated Aluminium Profile 20mm

**FX11-SAP-0020**

Flanged Serrated Aluminium Profile 2000mm

**FX11-TPP-2000**

Flanged Serrated Aluminium Profile 1000mm

**FX11-TPP-1000**

Flanged Serrated Aluminium Profile 500mm

**FX11-TPP-0500**

Flanged Serrated Aluminium Profile 20mm

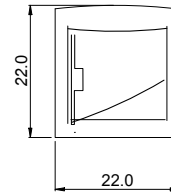
**FX11-TPP-0035**

Bendable Serrated Aluminium Profile 1000mm

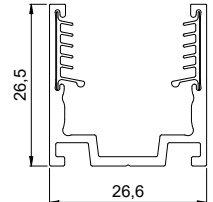
**FX11-BSP-2000**

Bendable Serrated Aluminium Profile 500mm

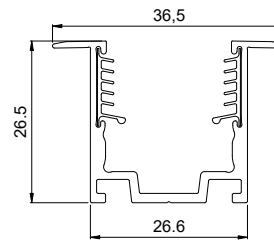
**F11-BSP-1000**



Flexus 11



Serrated / Bendable Aluminium Profile



Serrated Recessed Aluminium Profile

### Product Lumen Data

CCT	CRI	WATTS/MTR	LUMENS/MTR	BENDING	MIN CUT LENGTH
2200K	80	12	900	Horizontal	50mm
2700K	80	12	920		50mm
3000K	80	12	920		50mm
4000K	80	12	950		50mm
2200K	80	16.5	1200		50mm
2700K	80	16.5	1300		50mm
3000K	80	16.5	1300		50mm
4000K	80	16.5	1400		50mm

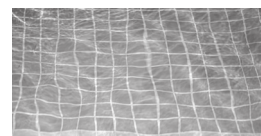
### Underwater Applications



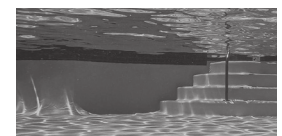
Fresh Water



Sea Water  
(Salinity<4%)



Swimming Pool  
(Chlorine<2PPM)



Swimming Pool  
(Ozone<0.3PPM)

Complies with EN60598-1 and pertinent regulations

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