



# Flexus 12

Flexible linear with unique optic



## Applications

- Wall Grazing
- Facades

## Features

- Unique 36° linear optic
- 2238 lumens per mtr
- 116 lumens per watt
- Vertical or Horizontal bending
- High quality LED
- Min 300mm bend diameter
- Interior or exterior
- IP67
- Power from one end - 10mtr max
- Environmentally friendly
- Energy efficient
- UV resistant
- Silicone material (white)

## Technical Information

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| <b>Lumen Output (lm/m)</b>    | 2238 @4000K @19.2W                                                       |
| <b>Power (W/m)</b>            | 19.2 W (Vertical Bend) - 18W (Horizontal Bend)                           |
| <b>Material</b>               | Silicone                                                                 |
| <b>Bending</b>                | Vertical or Horizontal                                                   |
| <b>CCT</b>                    | 2700K / 3000K / 3500K / 4000K /5000K                                     |
| <b>CRI</b>                    | >90                                                                      |
| <b>Control</b>                | DALI2-DMX-Bluetooth-Switch-Phase                                         |
| <b>Beam Angle</b>             | 36°                                                                      |
| <b>LED</b>                    | 2835                                                                     |
| <b>Binning</b>                | 3 Step MacAdam                                                           |
| <b>Input Voltage (V)</b>      | 24                                                                       |
| <b>Max length (1 entry)</b>   | 10M (19.2W) - 5M (18W)                                                   |
| <b>Cutting</b>                | 50mm (VB) - 38.46mm (HB)                                                 |
| <b>IP Rating</b>              | IP67                                                                     |
| <b>Operating Ambient Temp</b> | T <sub>amin</sub> =-40°C /-40o F, T <sub>amax</sub> =65°C /149o F        |
| <b>Lifetime</b>               | LM80 B10                                                                 |
| <b>Connection</b>             | 30cm White UL Silicone Cable from One End (End/ Side / Rear Cable Entry) |

## Product Performance Data

| Power | CCT   | CRI | Lumens/Mtr | Lumens/Watt | Max Run Length | Unit Cut |
|-------|-------|-----|------------|-------------|----------------|----------|
| 19.2W | 2700K | 90  | 1969       | 102         | 10m            | 50mm     |
| 19.2W | 3000K | 90  | 2035       | 106         | 10m            | 50mm     |
| 19.2W | 3500K | 90  | 2124       | 110         | 10m            | 50mm     |
| 19.2W | 4000K | 90  | 2238       | 116         | 10m            | 50mm     |
| 19.2W | 5000K | 90  | 2168       | 113         | 10m            | 50mm     |
| 18W   | 2700K | 90  | 1413       | 78          | 5m             | 38.46mm  |
| 18W   | 3000K | 90  | 1588       | 88          | 5m             | 38.46mm  |
| 18W   | 3500K | 90  | 1659       | 92          | 5m             | 38.46mm  |
| 18W   | 4000K | 90  | 1691       | 94          | 5m             | 38.46mm  |
| 18W   | 5000K | 90  | 1556       | 86          | 5m             | 38.46mm  |

## Product Code

### FX12-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

**FX12-S-930-19.2-36-1R-67-XXXX**

#### **1** CCT

|             |            |
|-------------|------------|
| 2700K 90CRI | <b>927</b> |
| 3000K 90CRI | <b>930</b> |
| 3500K 90CRI | <b>935</b> |
| 4000K 90CRI | <b>940</b> |
| 5000K 90CRI | <b>950</b> |

#### **2** WATT

|        |             |
|--------|-------------|
| *19.2W | <b>19.2</b> |
| *18W   | <b>18</b>   |

\*Vertical Bend is 19.2W - Horizontal Bend is 18W

#### **3** Beam Angle

|     |           |
|-----|-----------|
| 36° | <b>36</b> |
|-----|-----------|

#### **5** IP Rating

|      |           |
|------|-----------|
| IP67 | <b>67</b> |
|------|-----------|

#### **4** Cable Entry

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

#### **6** Length

|        |             |
|--------|-------------|
| XXXXmm | <b>XXXX</b> |
|--------|-------------|

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

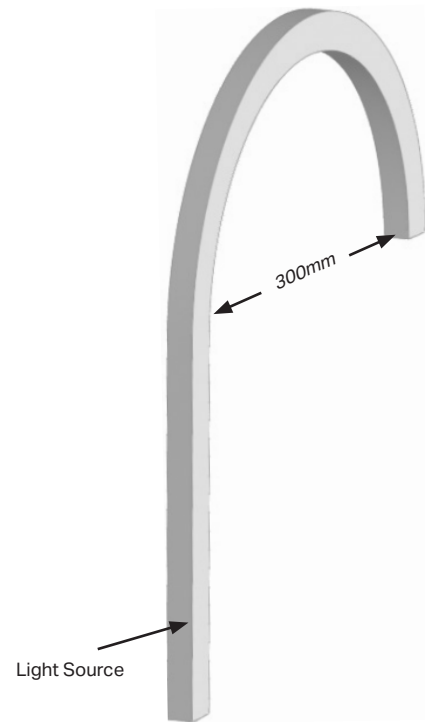
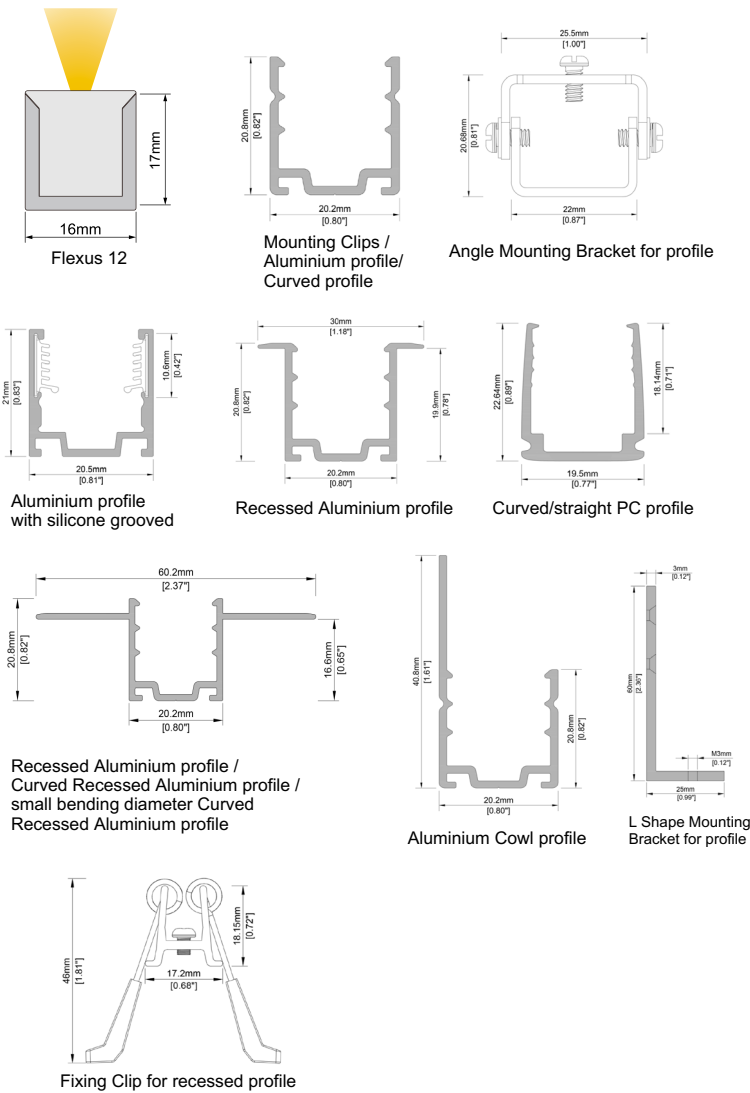
[sales@kempslighting.com](mailto:sales@kempslighting.com)

[kempsarchitecturallighting.com](http://kempsarchitecturallighting.com)

## Specification Drawings

## ⚠ Assembly Caution

Min Bend Dia is 300mm



## Fixing Accessories

## Kemps Code

Flexus 12, Fixing Clips 25x20.2x20.8mm  
 Flexus 12, Angle Mounting Bracket for profile  
 Flexus 12, Fixing Clip for recessed profile  
 Flexus 12, L Shape Mounting Bracket for profile  
 Flexus 12, Aluminium profile, 1000MM  
 Flexus 12, Aluminium Curved profile, 1000MM  
 Flexus 12, Aluminium profile with silicone groove, 1000MM  
 Flexus 12, Recessed Aluminium profile, 1000MM  
 Flexus 12, Curved Plastic profile , 1000MM  
 Flexus 12, Straight Plastic profile, 1000MM  
 Flexus 12, Recessed Aluminium profile , 1000MM  
 Flexus 12, Curved Recessed Aluminium profile , 1000MM  
 Flexus 12, Small bending diameter Curved Recessed Aluminium profile,1000MM  
 Flexus 12, Aluminium Cowl profile, 1000MM

**FX12-FC**  
**FX12-AMB**  
**FX12-SET-FC**  
**FX12-SET-LA**  
**FX12-AP-1000**  
**FX12-CR-1000**  
**FX12-SGP-1000**  
**FX12-EP-1000**  
**FX12-CPC-1000**  
**FX12-PC-1000**  
**FX12-LP-1000**  
**FX12-CRL-1000**  
**FX12-SCRL-1000**  
**FX12-AC-1000**

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