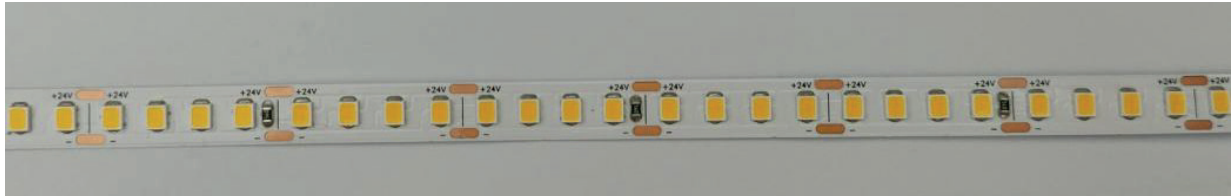


**21035 0160 - LEDFLEX IN HE FP 927 3m**

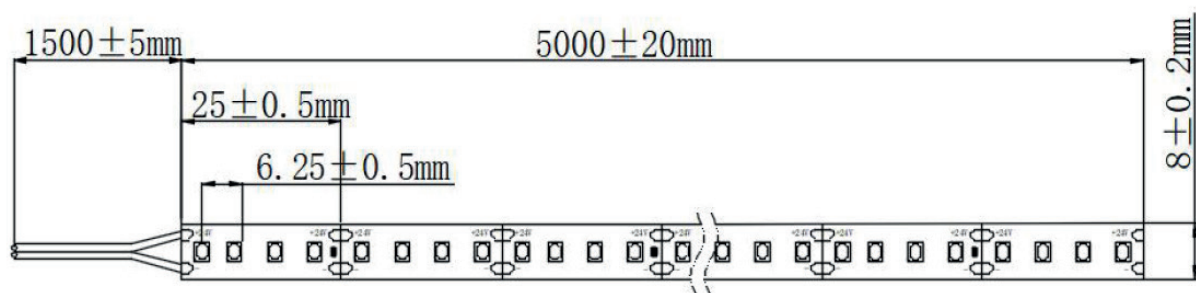
**21035 0170 - LEDFLEX IN HE FP 930 3m**

**21035 0180 - LEDFLEX IN HE FP 940 3m**



## 1. Specifications

|                                          |                                   |
|------------------------------------------|-----------------------------------|
| Number Led/m:                            | 160pcs                            |
| Power W/m $\pm 10\%$ :                   | 12W                               |
| PCB Width:                               | 8mm                               |
| CRI/SDCM:                                | $>90$ / $SDCM < 3$                |
| Working Length(10% voltage drop)         | 5m                                |
| Cut size:                                | 25mm                              |
| Packing length:                          | 3m                                |
| Beam angle:                              | $120^\circ$                       |
| Bend diameter:                           | 60mm                              |
| Operating Temp.:                         | $-20^\circ \sim 45^\circ\text{C}$ |
| Storage Temp.:                           | $0^\circ \sim 60^\circ\text{C}$   |
| L70:                                     | $>54\ 000\text{h}$                |
| Eye security:                            | IEC 62471                         |
| Protection class:                        | EN 60529                          |
| Safety Requirements:                     | EN 62031 IEC 60598-1              |
| EMC / radio disturbance characteristics: | EN 55015                          |
| ROHS:                                    | Yes                               |
| CE:                                      | Yes                               |



**LEDsGO BV**

Drieslaan 6 | B-8560 Wevelgem (Moorsele) | Tel +32 (0) 56 424 992  
BTW BE 0824.326.685 | ING IBAN BE47 3630 7083 3480 | BIC BBRUBEBB

## 2. Electronic & output data

- Input voltage: 24VDC
- Typical power: 12W/m
- CRI: 90

| Part No    | CCT   | CRI | Typ. power | LM/W    | Typical Lumen | VDC | IP |
|------------|-------|-----|------------|---------|---------------|-----|----|
| 21035 0160 | 2700K | >90 | 12W/m      | 148lm/W | 1775lm/m      | 24  | 20 |
| 21035 0170 | 3000K | >90 | 12W/m      | 155lm/W | 1860lm/m      | 24  | 20 |
| 21035 0180 | 4000K | >90 | 12W/m      | 158lm/W | 1895lm/m      | 24  | 20 |

### Cautions:

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be  $\pm 10\%$
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu proile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking
3. Live installation work is strictly prohibited during the installation of light strips, Do not use any acidic or alkaline adhesive to come into contact with this product, It is prohibited to directly touch the surface of the lamp strip with sharp tools
4. Please do not arbitrarily change the structure and connection length of the light strip to avoid affecting product use and preformance damage.

## 3. Power Supply

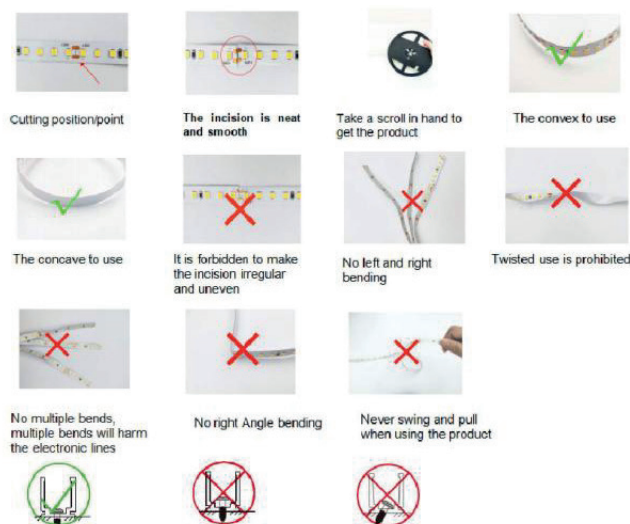
This LEDFlex has a power of 12W/m. The following table shows how many meters LEDFlex you can connect to one power supply.

| rated power      | Power supply<br>35W<br>24V | Power supply<br>60W<br>24V | Power supply<br>100W<br>24V | Power supply<br>150W<br>24V | Power supply<br>240W<br>24V | Power supply<br>320W<br>24V |
|------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| LEDFlex<br>12W/m | 2,3m                       | 4m                         | 6,6m                        | 10m                         | 16m                         | 21,3m                       |

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## 4. Precautions



### Remarks:

- A cut mark is indicated on the PCB at the bottom of the product. Please use only the marked cut positions — do not cut at will.
- The figure above is for reference only and illustrates correct vs. incorrect operation. Please refer to the actual product for accuracy.

### Please observe the following precautions:

- Only qualified electricians may install or service this product.
- Ensure the product is disconnected from the power supply and remains unpowered during installation.
- Do not operate while the power is on. Doing so may result in damage or product failure.
- Do not use organic chemical solvents on the product. Avoid exposure to strong acids or alkalis, as this may lead to damage or failure.
- Do not disassemble or modify the product. Do not touch the LED surfaces with sharp objects, as this can cause damage or malfunction.
- During splicing, ensure proper electrical connections with sufficient insulation. Waterproofing and anti-corrosion treatments must be applied to connection points to prevent failure.
- Minimum bending angle is 60°. Bending the strip tighter than this may result in damage. Before powering on, ensure proper installation and verify all parameters.
- Input voltage must not exceed the rated voltage by more than 0.5V.
- The power supply should not run at full load, to avoid damage.
- Installation and maintenance must be performed by professional electricians.
- During installation, do not apply lateral tension to the strip, as this can lead to damage or failure.
- For products with power  $\geq 14.4\text{W/m}$ , use cooling profiles to prevent overheating.
- Operating temperature:  $-20^{\circ}\text{C}$  to  $+45^{\circ}\text{C}$ .
- Use outside this range may cause product failure.

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