

## FLEXIPRINT

### LED flexi-print with SMD LED's

Due to the flexible circuit board, which has on its back a heat-resistant 3M adhesive tape, huge or small semi-diameters can be realized. The beam angle of the LED's is 120°.

**Application:** Architectural Illumination  
Cabinet Lighting/Show-Case  
Back Lighting  
Illumination of complex structures

**Benefits:** 12V low voltage source  
Low mounting height  
Easy mounting with adhesive tape  
Easy cutting every 3 LED



### Stripe Length 200mm

| Part-Number | Colour    | Wavelength | Voltage V | Current A | Number of LED's | Drawing No |
|-------------|-----------|------------|-----------|-----------|-----------------|------------|
| FP-R01B-020 | red       | 639        | 12        | 0.08      | 12              | 1          |
| FP-Y01B-020 | yellow    | 590        | 12        | 0.08      | 12              | 1          |
| FP-B01B-020 | blue      | 472        | 12        | 0.08      | 12              | 1          |
| FP-G01B-020 | green     | 525        | 12        | 0.08      | 12              | 1          |
| FP-W01B-020 | white     | 8000°K     | 12        | 0.08      | 12              | 1          |
| FP-N01B-020 | warmwhite | 3500°K     | 12        | 0.08      | 12              | 1          |
| FP-F01B-020 | red       | 639        | 12        | 0.04      | 6               | 2          |
|             | green     | 525        | 12        | 0.04      | 6               |            |
|             | blue      | 472        | 12        | 0.04      | 6               |            |

Operating Temp. -25° ~ +60°C / Storage Temp. -40° ~ +80°C

### Stripe Length 1000mm

| Part-Number | Colour    | Wavelength | Voltage V | Current A | Number of LED's | Drawing No |
|-------------|-----------|------------|-----------|-----------|-----------------|------------|
| FP-R01B-100 | red       | 639        | 12        | 0.4       | 60              | 1          |
| FP-Y01B-100 | yellow    | 590        | 12        | 0.4       | 60              | 1          |
| FP-B01B-100 | blue      | 472        | 12        | 0.4       | 60              | 1          |
| FP-G01B-100 | green     | 525        | 12        | 0.4       | 60              | 1          |
| FP-W01B-100 | white     | 8000°K     | 12        | 0.4       | 60              | 1          |
| FP-N01B-100 | warmwhite | 3500°K     | 12        | 0.4       | 60              | 1          |
| FP-F01B-100 | red       | 639        | 12        | 0.2       | 30              | 2          |
|             | green     | 525        | 12        | 0.2       | 30              |            |
|             | blue      | 472        | 12        | 0.2       | 30              |            |

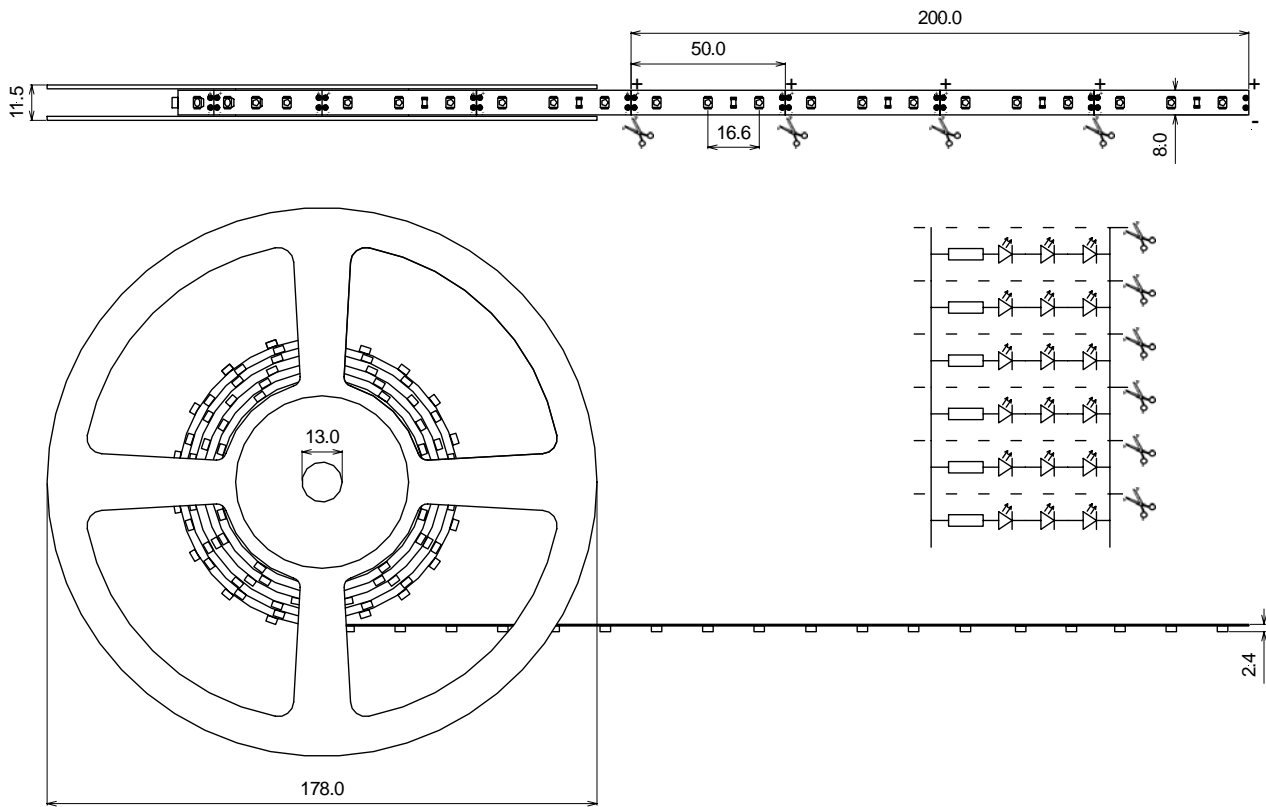
Operating Temp. -25° ~ +60°C / Storage Temp. -40° ~ +80°C

### Stripe Length 5000mm (1 reel)

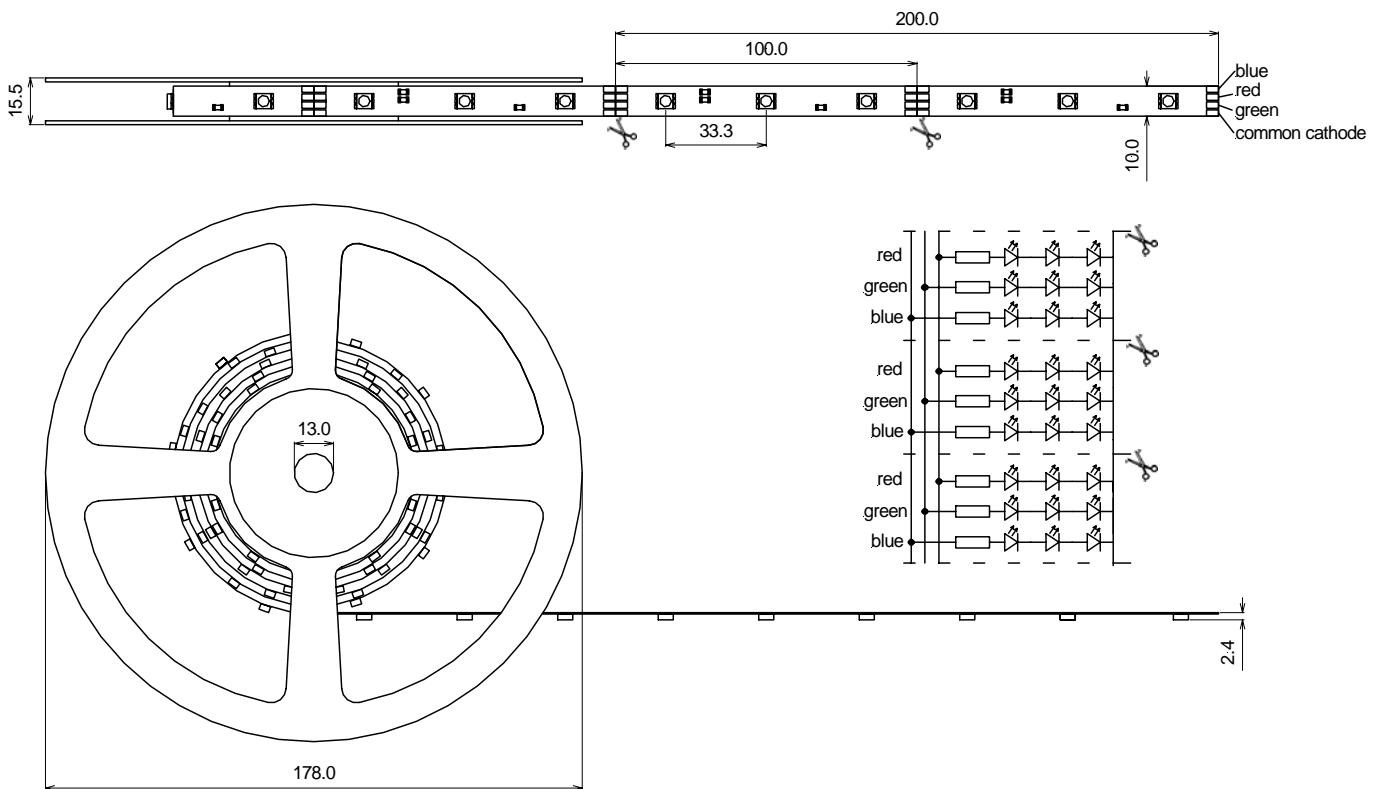
| Part-Number | Colour    | Wavelength nm | Voltage V | Current A | Number of LED's | Drawing No |
|-------------|-----------|---------------|-----------|-----------|-----------------|------------|
| FP-R01B-500 | red       | 639           | 12        | 2.0       | 300             | 1          |
| FP-Y01B-500 | yellow    | 590           | 12        | 2.0       | 300             | 1          |
| FP-B01B-500 | blue      | 472           | 12        | 2.0       | 300             | 1          |
| FP-G01B-500 | green     | 525           | 12        | 2.0       | 300             | 1          |
| FP-W01B-500 | white     | 8000°K        | 12        | 2.0       | 300             | 1          |
| FP-N01B-500 | warmwhite | 3500°K        | 12        | 2.0       | 300             | 1          |
| FP-F01B-500 | red       | 639           | 12        | 1.0       | 150             | 2          |
|             | green     | 525           | 12        | 1.0       | 150             |            |
|             | blue      | 472           | 12        | 1.0       | 150             |            |

Operating Temp. -25° ~ +60°C / Storage Temp. -40° ~ +80°C

**Drawing No 1.**



**Drawing No 2**



- All dimensions are in millimetres.
- Tolerance is  $\pm 0.25$ mm unless otherwise specified.
- Specifications are subject to change without notice