

**13-6527140 - LEDFLEX OUT 5W/m 2700K/C90 5m**

**13-6530140 - LEDFLEX OUT 5W/m 3000K/C90 5m**

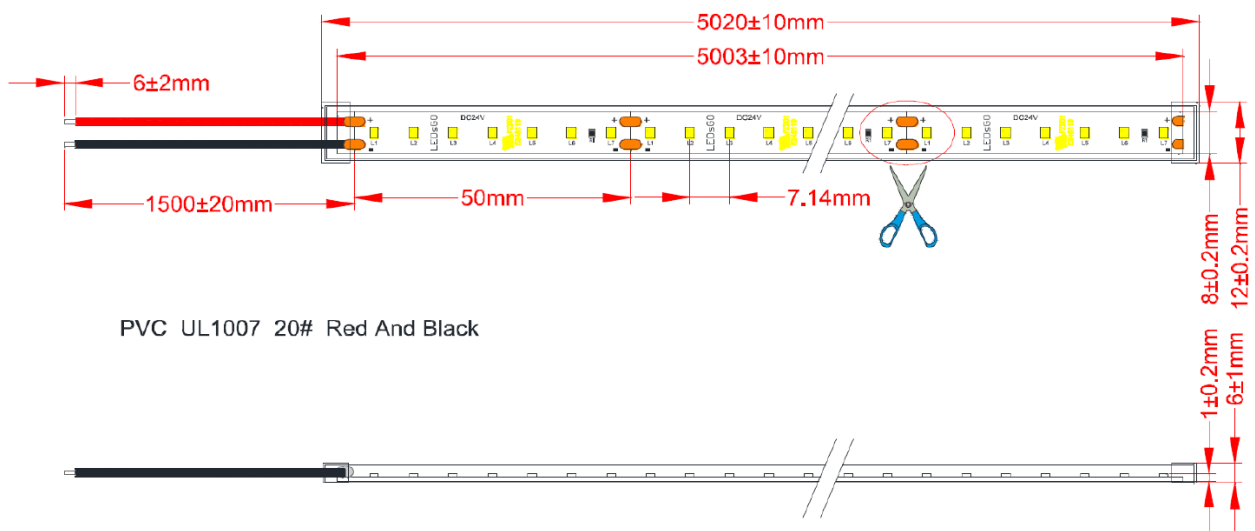
**13-6535140 - LEDFLEX OUT 5W/m 3500K/C90 5m**

**13-6540140 - LEDFLEX OUT 5W/m 4000K/C90 5m**

- High quality flexible PCB strip with ETL and CE certified
- Use 2216 SMD LED as light source with high brightness and large view angle.
- Environmental friendly
- Use high quality McAdam 3-step LED
- 7pcs LED/ cutting section

## 1. Specifications

- Led type: 2216 SMD
  - Led quantity/m: 140pcs
  - Led pitch: 7,14mm
  - Max length: 5000mm
  - Width: 12mm
  - Height: 6mm
  - Cutting unit: 50mm
  - Min bend diameter: 50mm
  - IP: IP65
  - L70 lifetime: 40000 hrs
  - Warranty: 5 years
  - Mounting: 3M 4229P tape
- Ta: -25~60°C; TC: 67°C (max)



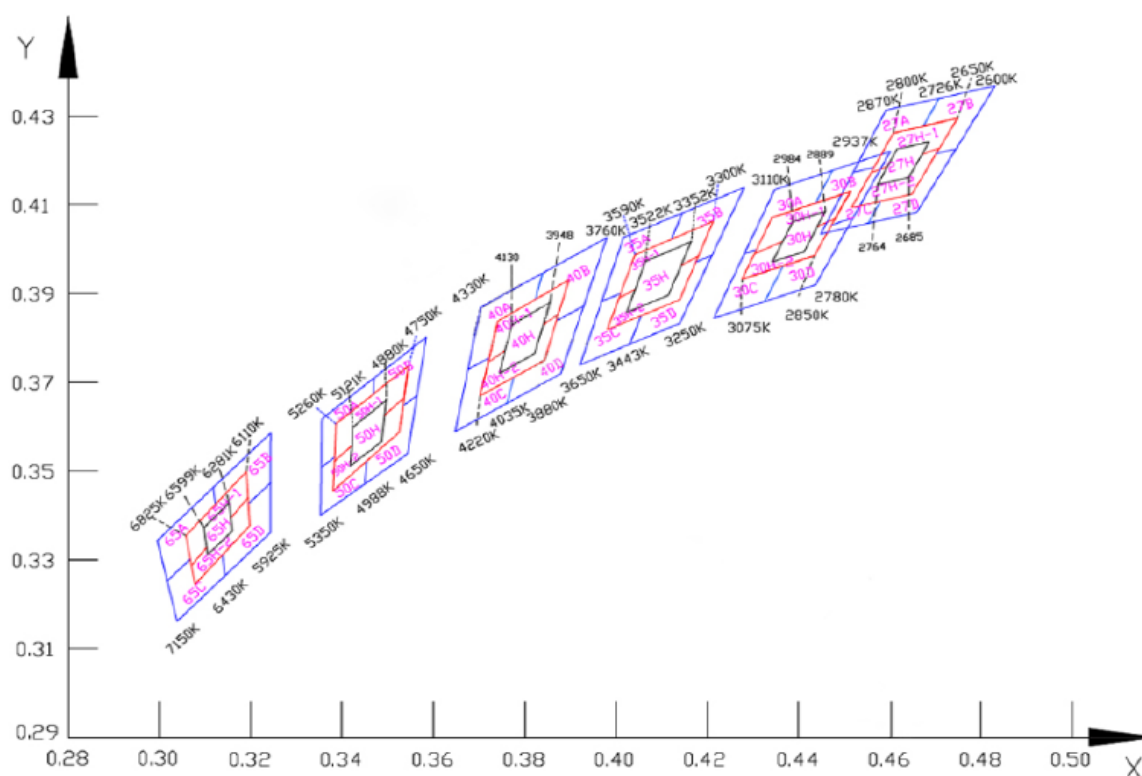
**LEDsGO BV**

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 BTW BE 0824.326.685 | ING IBAN BE47 3630 7083 3480 | BIC BBRUBEBB

## 2. Electronic & output data

- Input voltage: 24VDC
- Typical power: 5W/m
- Typical Luminous flux 500lm/m
- Typical Efficacy: 100lm/W
- Rated current: 0,208A/m
- CRI: 90
- PCB type: 1 + 2oz copper / 8mm Wide

### IV、X,Y(Chromacity co-ordinates)



| Part No    | CCT   | CRI | Typ. power | LM/W    | Lumen   | VDC | IP |
|------------|-------|-----|------------|---------|---------|-----|----|
| 13-6527140 | 2700K | >90 | 5W/m       | 100lm/W | 500lm/m | 24  | 65 |
| 13-6530140 | 3000K | >90 | 5W/m       | 100lm/W | 500lm/m | 24  | 65 |
| 13-6535140 | 3500K | >90 | 5W/m       | 100lm/W | 500lm/m | 24  | 65 |
| 13-6540140 | 4000K | >90 | 5W/m       | 100lm/W | 500lm/m | 24  | 65 |

1. The tolerance of output data can be vary up to 15%
2. The output data tested according to IES TM-30-15

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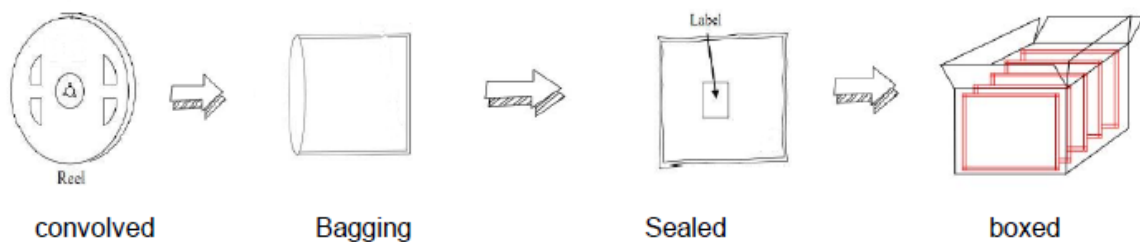
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### 3. Power Supply

This LEDFlex has a power of 5W/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>5W/m | 5,6m                       | 9,6m                       | 16m                         | 24m                         | 38,4m                       | 51,2m                       |

### 4. Packing



### 5. Precautions

- Do not cut the strip while connecting to the power supply.
- Do not connect to power higher than the rated voltage
- Do not twist the strip
- Do not pull the strip
- The LEDs are not replaceable
- The minimal bending radius: 25mm, diameter = 50mm
- Do not connect the LED strip with reversed voltage polarity



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