**主标题：AC LED flexible strip, Flicker-free Ultrabright series**

次标题：AC230V LED Strip light,SMD2835 120LEDs/m 13.5\*6mm

1. **Product descriptions**
* Super clear PVC extrusion make it looks very brilliant and more attractive,
* LM-80 approved LED of the premium quality with high brightness,
* Premium quality flexible PCB layer assure good heat dissipation, electrical safety and longer maximum length per input,
* Resistant against water, UV radiation, chemicals and abrasion.
* Safe and simple connection system for easy on-site installation after cutting
* Estimated lifetime L70 at Ta25 o C:＞40000h.

**2. Product features**

◆ 120°wide beam angle

◆ Available in homogeneous white tones,start from 2400K till 12000K

◆ a variety of light color come in red,blue,green,Pink,yellow etc

◆ longer connection length per input of up to 50m

◆ Premium light quality, offer CRI up to Ra90

◆ IP65 rated and for damp or wet locations use

◆ flicker-free driver is optional

**3. Product Size**



**4. Product Technical data**

|  |  |
| --- | --- |
| **LED Type:** | **SMD2835** |
| **LED Spec:** | 24-26lm |
| **LED Qty/m:** | 120LEDs/m |
| **Cutting intervals:** | 1000mm |
| **Overall size:** | W(13.5mm)\*H(6mm) |
| **Input Voltage(V):**  | AC230V |
| **Dimmable(Y/N):** | N/A |
| **Standard Driver type:** | Flicker-free driver, IP65,PF≥0.5 |
| **Optional driver type:** | Flicker-free driver,IP20,PF≥0.9 |
| **Length /Reel:**  | 25m/Reel,50m/Reel; |
| **FPC board Spec:**  | 9.2mm wide |
| **IP Rating:**  | IP65,IP67 |
| **Storage temperature:** | -40 o C to +80 o C  |
| **Operating temperature:** | -20 o C to +45 o C  |

1. **Product Spec sheet**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item no.** | **Input Voltage(V)** | **LED Qty/m** | **Typ.Light color** | **Typ.color temp.** | **Typ. power** | **Typ.Lumen/Meter** | **Typ.CRI** | **Cutting Intervals** | **Maximum run length**  |
| AH-W2835-120-27-##  | AC230V | 120LEDs/m | warm white | 2700K | 8W/m | 540LM/M | 80+  | 1m | 50m |
| AH-W2835-120-30-##  | AC230V | 120LEDs/m | warm white | 3000K | 8W/m | 566LM/M | 80+  | 1m | 50m |
| AH-W2835-120-40-##  | AC230V | 120LEDs/m | Neutral white | 4000K | 8W/m | 650LM/M | 80+  | 1m | 50m |
| AH-W2835-120-65-##  | AC230V | 120LEDs/m | Daylight white | 6500K | 8W/m | 680LM/M | 80+  | 1m | 50m |

--The symbol ## represents the length of LED strips(Unit:m)

--due to unavoidable LED package, electrical component and other machine tolerances, normal input power and lumen tolerance(±10%）exist;

1. **Suitable Accessories**



AC230V,400W,PF≥0.5,IP65



AC230V,350W,PF≥0.9,IP65

**7. Installation type**





