



WCN Opto Group Co., Ltd

LED STRIP LIGHT

Company Name	
Date	2017/12/27
Part No.	WCN-FR2835HR2-60AT
Product Group Description	
Customer Part No.	
Approval Date	

Customer Confirmation

Quality Dept. Confirmation

Engineering Dept. Confirmation

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2017/12/27

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SPEC . NO : WCN-FR2835HR2-60AT

DATE : 2017/12/27

VER. NO : A0

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LED STRIP LIGHT

REVISION RECORD

MARKER	Matter for revision	SHEET	DTAE	MAKER	APPOVED SIGN		
	Reason for revision						
A0	New Version issued	WHOLE SHEET	2017/12/17				
	P#WCN-FR2835HR2-60AT						
REMARK		P# WCN-FR2835HR2-60AT				PAGE:3 of 6	

LED STRIP LIGHT**Features :**

- Linear separable LED strip on flexible printed circuit board with self-adhesive back
- Long life ,easy installation
- Voltages available 12VDC
- LED: 60pcs 2835 Red,
- PCB material : FPCB

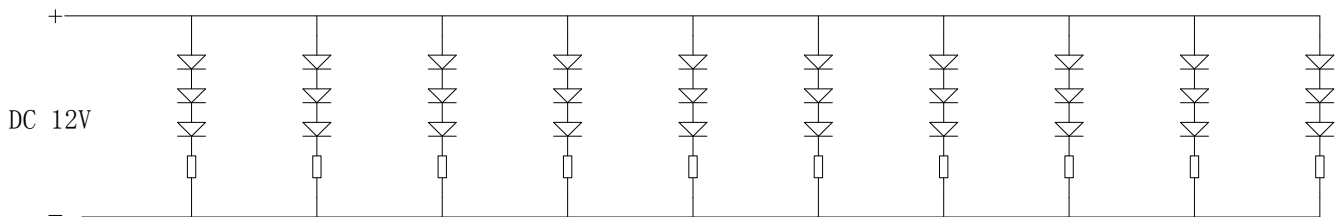
Product Picture:

Part No	Color	Surface Coating	Waterproof level	Q`ty of LEDs/M	Color Temp/Wavelength Typ(Kelvin/nm)	Luminous flux(LM/M)	Voltage (V DC)	Power (W/M)
WCN-FR2835HR2-60AT	Red	No Silicon	IP20	60	620-625nm	360-540	12	14.4

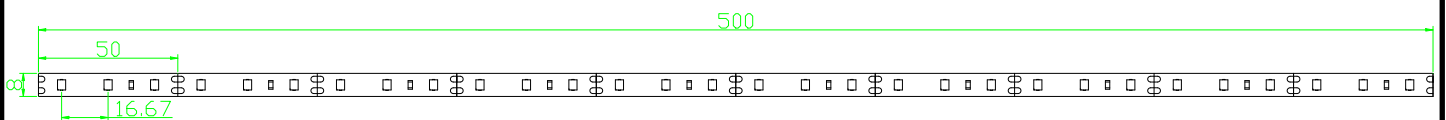
LED STRIP LIGHT

APPEARANCE			PCB Material	FPCB
Description	Lens Color	Waterproof level	Led Emitted Color	Red
			Driver Mode	12V DC
Red	No Water	IP 20	Packing	5 meters per roll

■ **Circuit Diagram:**



■ **Outer Dimension:**



Explain:

1. LED 2835 (PLCC4) 60LEDS/M
2. Resistance (1206 100) 20LEDS/M
3. 12V Drive

Notes: 1.UNLESS OTHERWISE STATED, THE TOLERANCE IS ±3MM.

LED STRIP LIGHT**ABSOLUTE MAXIMUM RATINGS AT TA=25°C**

Parameter	Symbol	Rating	Units
Input Voltage	V	12 DC	V
Forward Current	I _F	50	mA/smd
Input Frequency	F	---	Hz
Power Dissipation	P	14.4	W
Operating Temperature	T _e	-20~+40	°C
Storage Temperature	T _s	-20~+60	°C
Operating Humidity	/	10 - 65% RH NON-CONDENSING	/

Typical Performance (Ta=25°C)

Item	Symbol	Rating			Units
		Min.	Typ.	Max.	
Input Voltage	V	10	12	14	V
Beam Pattern	BP	---	120	---	Deg
Total Length	L	---	5	---	M/roll
Estimated Life [1]	Life	---	50000	---	hour
Optimized Thermal Management(Body Temperature)	/	-20	---	40	°C