



WCN Opto Group Co., Ltd

LED STRIP LIGHT

Company Name

Date

Part No.

Product Group Description

Customer Part No.

Approval Date

Customer Confirmation

Quality Dept. Confirmation

Engineering Dept. Confirmation

ZhangChun
2017/12/27

Prepared By

LiuGuo
2017/12/27

Provenance: China

WCN Opto Group Co., Ltd

5th Floor,Block A-2,Xuxingda Ind Zone
Shiyan Town,Bao An District , Shenzhen
Tel : (86)755-29000022
Fax : (86)755-29000023



www . wcnopto.net



LED STRIP LIGHT**CONTENT**

ITEM		PAGE
(1)	FACE OF SPECIFICATION	1/6
(2)	CONTENT	2/6
(3)	REVISION RECORD	3/6
(4)	FEATURES AND DESCRIPTION	4/6
(5)	Outer Dimension and Circuit Diagram	5/6
(6)	ABSOLUTE MAXIMUM RATING AND ELECTRICAL/OPTICAL CHARACTERISTICS	6/6

SPEC . NO : WCN-FR2835HY2-60AT

DATE : 2017/12/27

VER. NO : A0

Page : 2 of 6

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-FR2835HY2-60 AT						
REMARK		P# WCN-FR2835HY2-60AT				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 Yellow,
- PCB material : FPCB

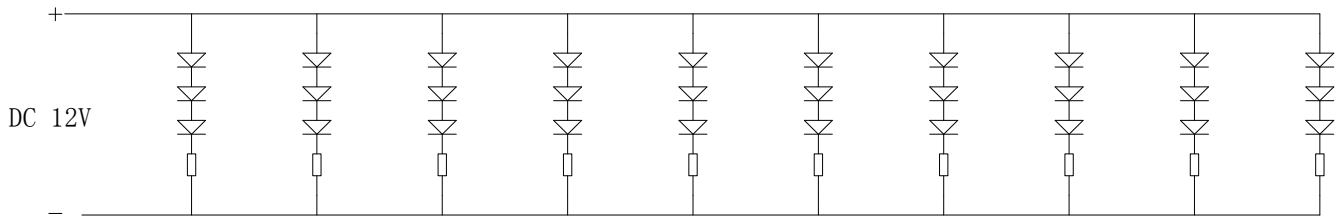
Product Picture:

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-FR2835HY2-60AT	Yellow	No Silicon	IP20	60	585-595nm	360-540	12	14.4

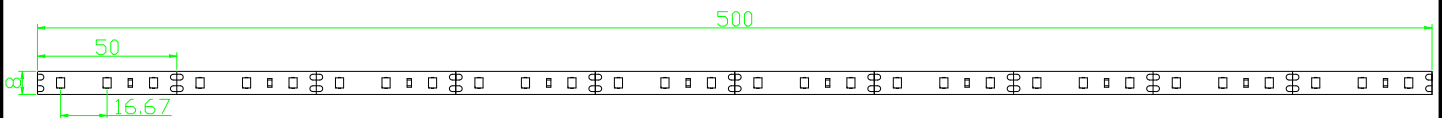
LED STRIP LIGHT

APPEARANCE			PCB Material	FPCB
Description	Lens Color	Waterproof level	Led Emitted Color	Yellow
			Driver Mode	12V DC
Yellow	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