



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



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SPEC . NO : WCN-FT5050WW1-60FT-25

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-FT5050WW1-60 FT-25						
REMARK		P# WCN-FT5050WW1-60FT-25				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 5VDC
- LED: 60pcs 5050 White,
- PCB material : FPCB

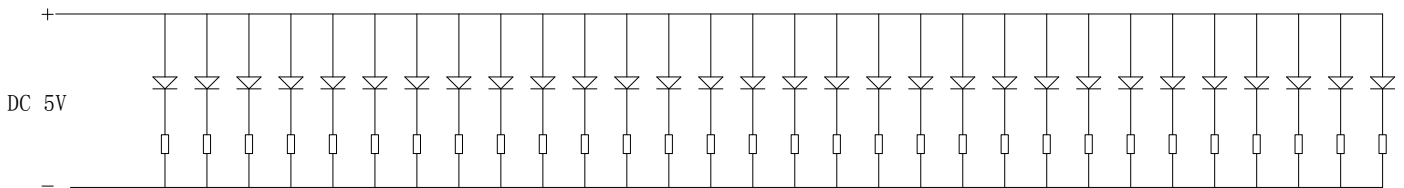
Product Picture:

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-FT5050WW1-60FT-25	Warm White	No Silicon	IP20	60	2250-2750K	1200-1560	5	18

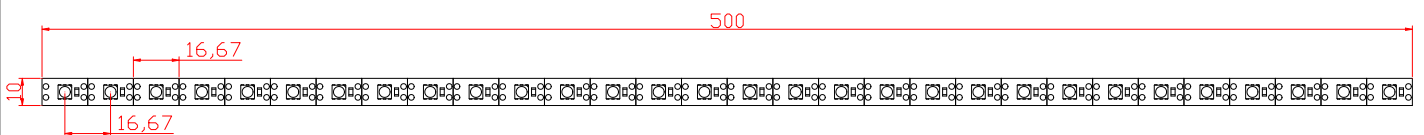
LED STRIP LIGHT

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

■ Circuit Diagram:



■ Outer Dimension:



- Explain:
1. LED 5050 (PLCC4) 60LEDS/M
 2. Resistance (1206 36; 75)-----60LEDS/M
 3. 5V 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	5 DC	V
Forward Current	I _F	50	mA/smd
Input Frequency	F	---	Hz
Power Dissipation	P	18	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	4	5	6	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