



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**

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**SPEC . NO :** WCN-FT5050NW1-60AP-45

**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-FT5050NW1-60 AP-45						
<b>REMARK</b>		P# WCN-FT5050NW1-60AP-45				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 5050 White,
- PCB material : FPCB

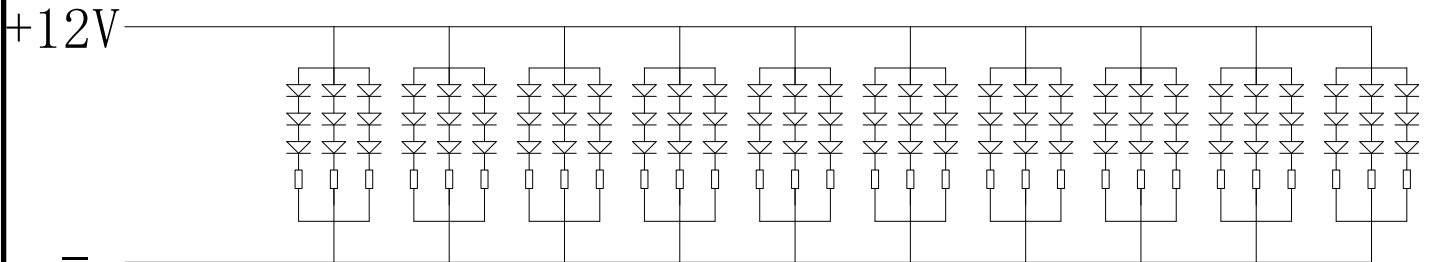
**Product Picture:**

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-FT5050NW1-60AP-45	Natural White	With Silicon	IP65	60	4500-5000K	1200-1560	12	14.4

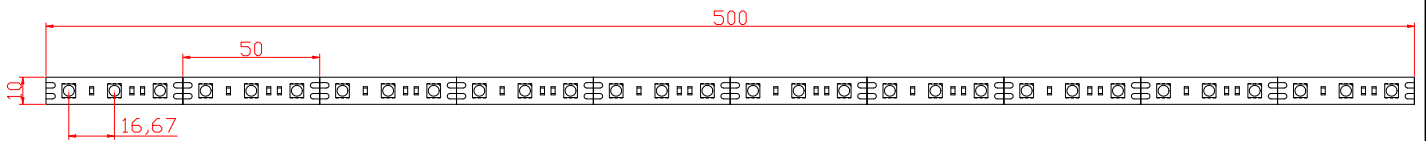
**LED STRIP LIGHT**

<b>APPEARANCE</b>			<b>PCB Material</b>	<b>FPCB</b>
<b>Description</b>	<b>Lens Color</b>	<b>Waterproof level</b>	<b>Led Emitted Color</b>	<b>Natural White</b>
			<b>Driver Mode</b>	<b>12V DC</b>
<b>White</b>	<b>Water clear</b>	<b>IP 65</b>	<b>Packing</b>	<b>5 meters per roll</b>

■ **Circuit Diagram:**



■ **Outer Dimension:**



- Explain:
1. LED 5050 (PLCC4) 60LEDS/M
  2. Resistance (1206 180) 60LEDS/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 <sub>F</sub>	50	mA/smd
Input Frequency	F	---	Hz
Power Dissipation	P	14.4	W
Operating Temperature	T <sub>e</sub>	-20~+40	°C
Storage Temperature	T <sub>s</sub>	-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