



WCN Opto Group Co., Ltd

LED STRIP LIGHT

Company Name

Date

2016/6/10

Part No.

WCN-YE2835CW2-54AT-65

Product Group Description

Customer Part No.

Approval Date

Customer Confirmation

Quality Dept. Confirmation

Engineering Dept. Confirmation

ZhangChun
2016/6/10

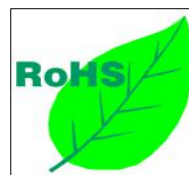
Prepared By

LiuGuo
2016/6/10

Provenance: China

WCN Opto Group Co., Ltd

5th Floor,Block A-2,Xuxingda Ind Zone
Shiyan Town,Bao An District , Shenzhen
Tel : (86)755-2900022
Fax : (86)755-2900023



[www . wcnopto.net](http://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-YE2835CW2-54AT-65

DATE : 2016/6/10

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	2016/6/10				
	P# WCN-YE2835CW2-54A T-65						
REMARK		P# WCN-YE2835CW2-54AT-65			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 : 54pcs SMD 2835

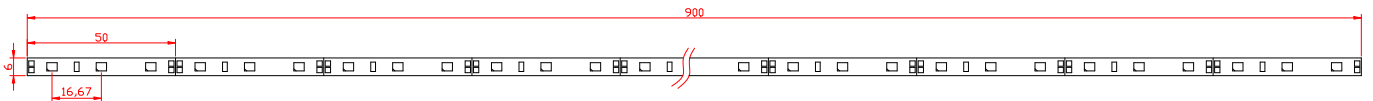
Product Picture:

Part No	Color	surface of the glue	Waterproof level	Q'ty of LEDs/PCS	Color Temp/Wavelength Typ(Kelvin/nm)	Luminous flux(LM/PCS)	Voltage (V DC)	Power (W/PCS)
WCN-YE2835CW 2-54AT-65	Cold WHITE	No glue	IP20	54	6000-6500K	1188-1296	12	13.68

LED STRIP LIGHT

APPEARANCE			Dice Material	InGaN
Description	Lens Color	Waterproof level	Led Emitted Color	Cold White
			Driver Mode	12V DC
White	No Water	IP 20	Packing	10 PCS per roll

■ **Outer Dimension:**

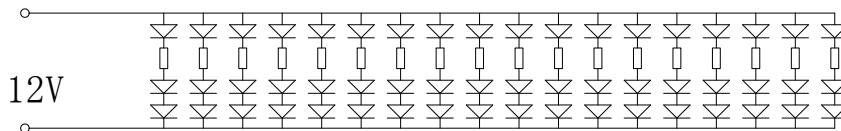


Explain:

1. LED 2835 (PLCC4) 54LEDS/PCS
2. Resistance (1206 51 Ω)-----18PCS/PCS
3. 12V Drive

Notes: Unless otherwise stated, The tolerance is ±3mm.

■ **Circuit Diagram:**



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

Parameter	Symbol	Condition	Color	Rating	Units
Input Voltage	Viac	—	---	12 DC	V
Input Frequency	Freo	—	---	---	Hz
Power Dissipation	Pa	---	----	13.68	W
Operating Temperature	Tope	—	----	-20~+45	°C

Typical Performance (Ta=25°C)

Item	Symbol	Rating			Units
		Min.	Typ.	Max.	
Input Voltage	V	10	12	14	V
Beam Patterm	BP	—	120	---	Deg
Total Length	L	---	10	---	PCS/roll
Estimated Life [1]	Life	---	40000	---	hour
Optimized Thermal Management(Body Temperature)	/	-20	---	45	°C