



WCN Opto Group Co., Ltd

LED STRIP LIGHT

| | |
|---------------------------|-----------------------|
| Company Name | <input type="text"/> |
| Date | 2017/12/27 |
| Part No. | WCN-FT5050CW1-60AT-65 |
| Product Group Description | <input type="text"/> |
| Customer Part No. | <input type="text"/> |
| Approval Date | <input type="text"/> |

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-FT5050CW1-60AT-65

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-FT5050CW1-60 AT-65 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| REMARK | | P# WCN-FT5050CW1-60AT-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: 60pcs 5050 White,
- PCB material : FPCB

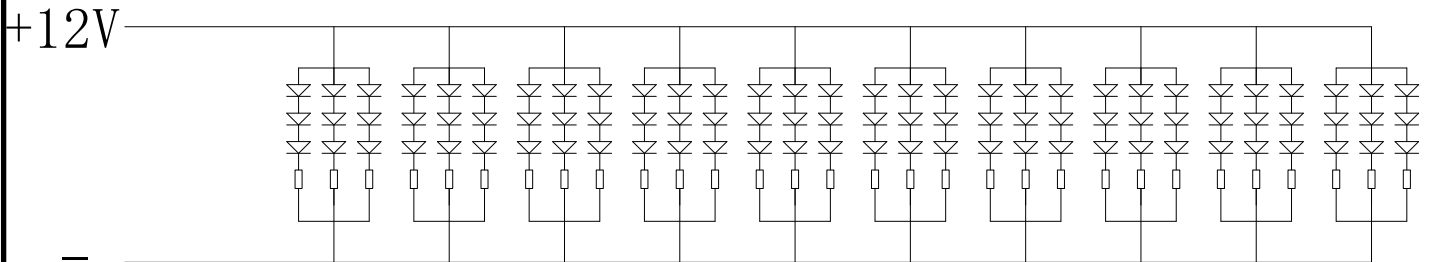
Product Picture:

| 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-FT5050CW1-60AT-65 | Cold White | No Silicon | IP20 | 60 | 6000-6500K | 1200-1560 | 12 | 14.4 |

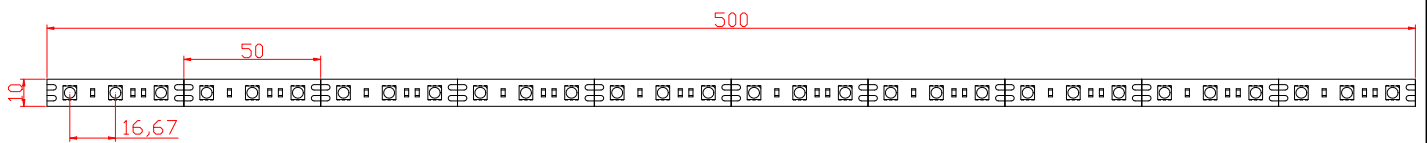
LED STRIP LIGHT

| | | | | |
|--------------------|-------------------|-------------------------|--------------------------|--------------------------|
| APPEARANCE | | | PCB Material | FPCB |
| Description | Lens Color | Waterproof level | Led Emitted Color | Cold White |
| | | | Driver Mode | 12V 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 180) 3-----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 _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 |