

Description:

RX-FPC3528 series, Top LED SMD5050- luminous efficiency of up to 125Lm / W; than similar products, energy saving of 50%. Suitable for high-end residential; the top mall hotel's decorative lighting.

**Features:**

1. Luminous efficiency of up to 100LM / W, CRI > 70
2. The new LED design; more to ultrathin more efficient.
3. No UV & IR emission
4. Environmentally friendly – fully recyclable, no mercury or other hazardous materials
5. Simple and convenient installation
6. Long life: 50000hours
7. Warranty: 3 years

Application

A variety of high-end places of decorative lighting
Office Lighting, Meeting Rooms
Restaurants, Hotels, Hallway & lobbies
Subway Stations, School and Hospital

**Electronical Specifications:**

Input: DC12V(24V) Power: 0.24W/LED
luminous efficiency: $\geq 100\text{Lm} / \text{W}$ CRI: > 70
Available colors: white5800-6500K,
Neutral whit4000~4700K; warm white2800~3500K

Mechanical Specifications:

Main material: Rolled copper FPC;Top SMD5050,
Dimensions: Length: 5m width: 10mm thickness: 2mm
Weight:
Maximum temperature rise: $\leq 25^\circ\text{C}$
Operating temperature: $-20^\circ\text{C} \sim 40^\circ\text{C}$

Welcome to comparison test!

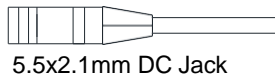
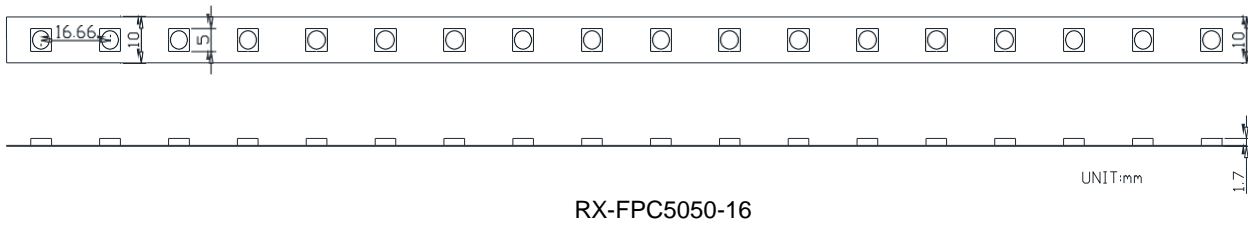
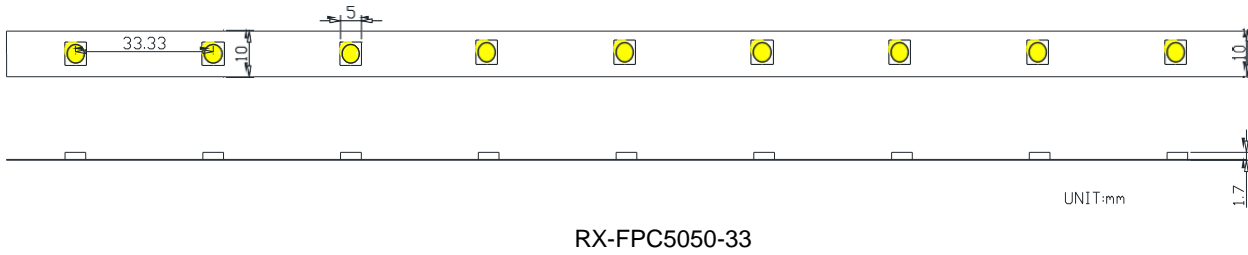
Rated life:50,000hours(70%Lumen maintenance at Ta 25°C)

Tolerance range for optical and electrical data: $\pm 10\%$.

Note:

The above table data testing at room temperature is 25°C, test voltage 12V;

CRI: > 70; (can be customized CRI> 80)



Direct type LED panel lights data sheet:

MODEL	Color temperature	luminous flux	Dimensions (LxWxH)mm	LED QTY	Input (DC)	power (W)	Max series length	Net weight
RX-FPC5050-33-WW	2800~ 3500K	3500LM	5m/Roll W:10mm H:2mm	150	12V or 24V	36W	10M	100g
RX-FPC5050-33-NW	4000~4700K	3600LM						
RX-FPC5050-33-CW	5800~6500K	3600LM						
RX-FPC5050-33-R	625nm	450LM						
RX-FPC5050-33-G	525nm	1800LM						
RX-FPC5050-33-B	460nm	450LM						
RX-FPC5050-33-Y	590nm	320LM						
RX-FPC5050-33-RGB	R,G,B	1000LM						
RX-FPC5050-16-WW	2800~ 3500K	6400LM	5m/Roll W:10mm H:2mm	300	12V Or 24V	66W	8M	110g
RX-FPC5050-16-NW	4000~4700K	6600LM						
RX-FPC5050-16-CW	5800~6500K	6600LM						



CAUTION: This product is installed by a professional engineering staff.

Safety Information

- 1. The LED strip itself and all its components may not be mechanically stressed.**
- 2. Assembly must not damage or destroy conducting paths on the circuit board.**
- 3. Installation of LED strip (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.**
- 4. Correct electrical polarity needs to be observed. Wrong polarity may destroy the LED strip.**
- 5. Parallel connection is highly recommended as safe electrical operation mode.**
- 6. Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED strip.**
- 7. Please ensure that the power supply of adapters power to operate the total load.**
- 8. When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.**
- 9. Pay attention to standard ESD precautions when installing the LED strip.**
- 10. Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.**