

PRODUCT DATA SHEET

CRI Available
90/95

Top Series
2216 240 LEDs/m 14W/m



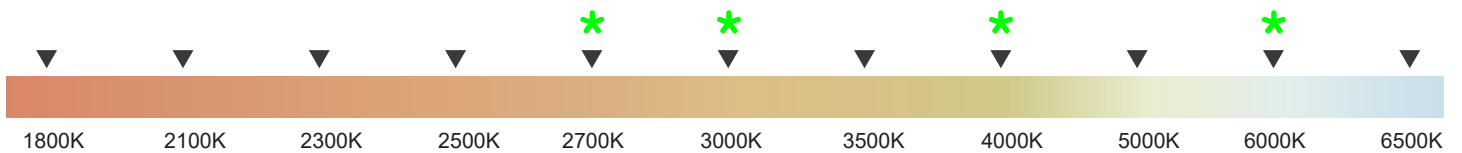
V240FE24I-X



Product Features

1. Pass (EU) 2019/2020 regulation, Eco design conformed. Color
2. temperature between 1800-6500K is optional.
3. Apply SMD 2216 PLUS LEDs, high density with better linear effect.
4. CRI80+, 90+, 95+ optional.
5. Warranty: 3 years.

CCT Option



* Stock



Lighting Effect



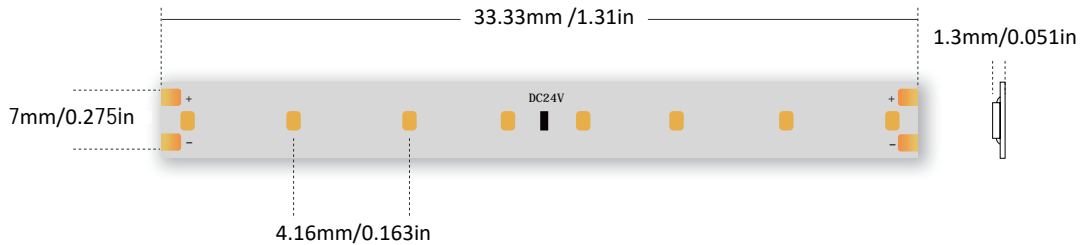
Lighting Effect


IP Rating Option



Non-Waterproof

Dimension (mm/inch)



Length/Reel	Width	Height	LED Spacing	Min. Cutting 
5000mm/196.85in	7mm/0.275in	1.3mm/0.051in	4.16mm/0.163in	Every 33.33mm/1.31in(8 LEDs)

Note:

LED strip length tolerance is $\pm 0.2\%$ mm.
Width tolerance is $\pm 0.2\%$ mm.


Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
V240FE24I-X	24V	14W/m	0.583A/m	240LEDs/M	95+
		4.27W/ft	0.178A/ft	≈73LEDs/ft	

X=27,30,40,60

CCT (°K)		Luminous Efficiency	lumen	
CRI>95	2700K	111lm/W	1554lm/m	473lm/ft
	3000K	111lm/W	1554lm/m	473lm/ft
	4000K	116lm/W	1624lm/m	495lm/ft
	6000K	116lm/W	1624lm/m	495lm/ft

Note:

The data base on IP20 non-waterproof.
 The Lumen output value tolerance $\pm 5\%$ due to testing way.
 The CCT will be $\pm 100K$ tolerance.

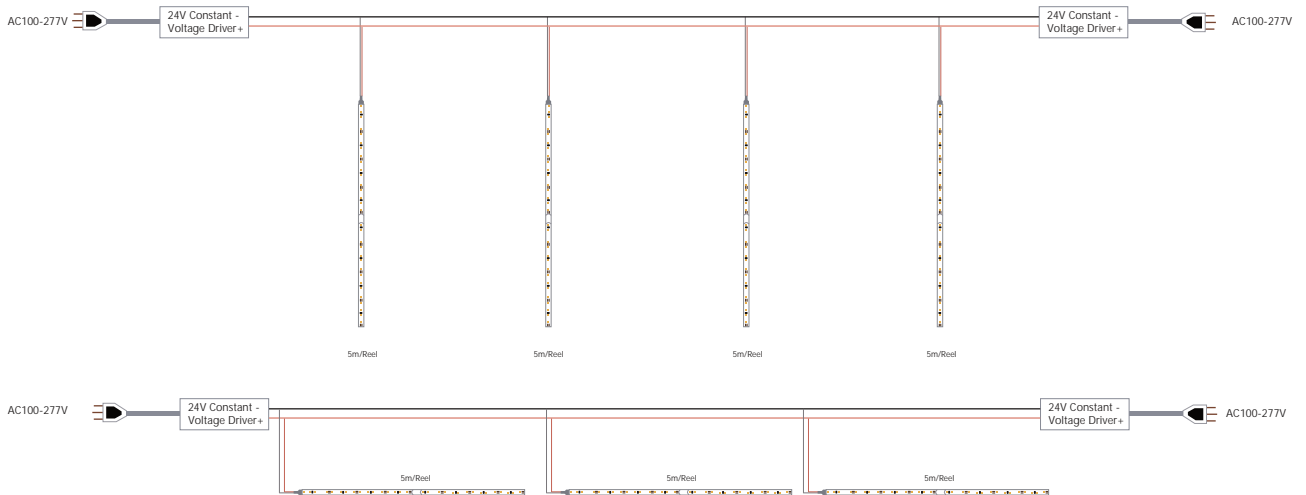


Absolute Maximum Ratings

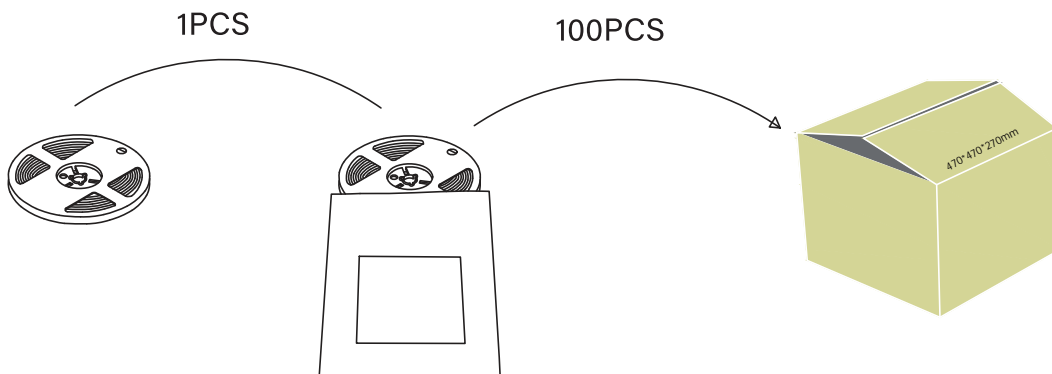
Parameter	Symbol	Value
Thermal Measurement Point	Tc	80°C/176°F
Operating Temperature	Topr	<80°C/<176°F
Storage Temperature	Ts	-20~+60°C/-68~140°F
Number of FPC Connection		



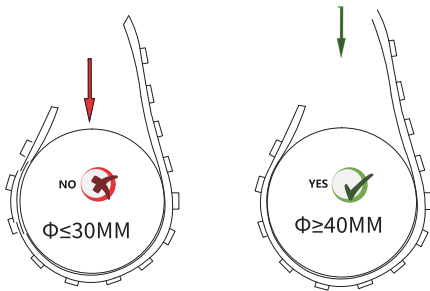
Wiring Diagram Application



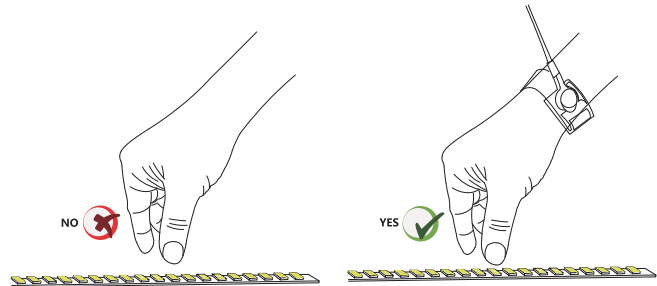

Packaging



! Cautions



<50mm diameter of wrapped object prohibited



Pls wear the electrostatics ring for avoid ESD

✓ Safety & Disclosures

1. Do not install the led strip in environment where excessive heat may occur.
2. Do not extend beyond the recommended maximum run length.
3. Only use copper wiring. Use wires rated for at least 176°F(80°C) and certified for use with external connection of electrical equipment.
4. Do not install IP20 LED strip products in outdoor / wet location environments.
5. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
6. Improper wire selection and installation could overheat wires, and cause fire.
7. Do not connect directly to high voltage or AC power.
8. Installation must be in accordance with local and national electrical code regulations.
9. To ensure safety and correct installation, our strips are intended to be installed by a qualified, licensed electrician.