

## PRODUCT DATA SHEET

**CRI** Available  
**80/90/98**

**High Efficiency**

**150**  
lm/W

**180**  
lm/W

High Efficiency Series  
2835 128 LEDs/m 9.6W/m



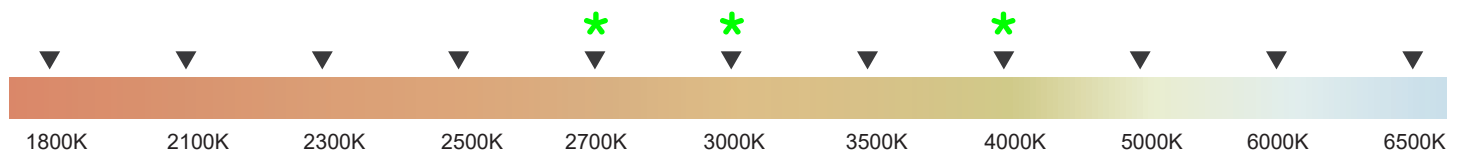
V128-FH24



## Product Features

1. Pass (EU) 2019/2020 regulation, Eco design conformed.
2. Light efficiency up to 150LM/W, 180LM/W.
3. Color temperature between 1800-10000K is optional.
4. CRI80+, 90+, 95+ optional.
5. Operate longer life and better for energy saving.
6. Warranty: 5 years.

## CCT Option



\* Stock

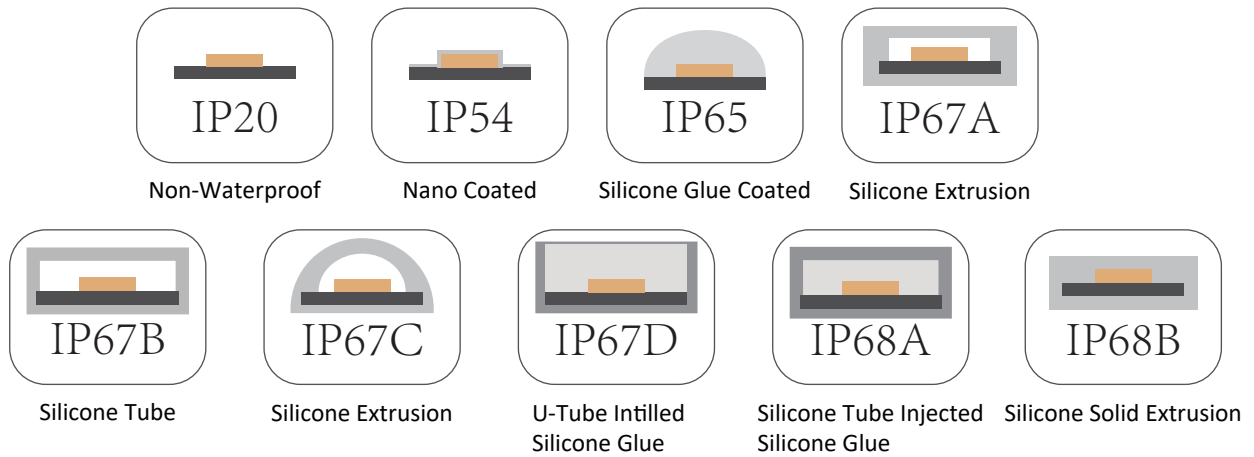


Lighting Effect

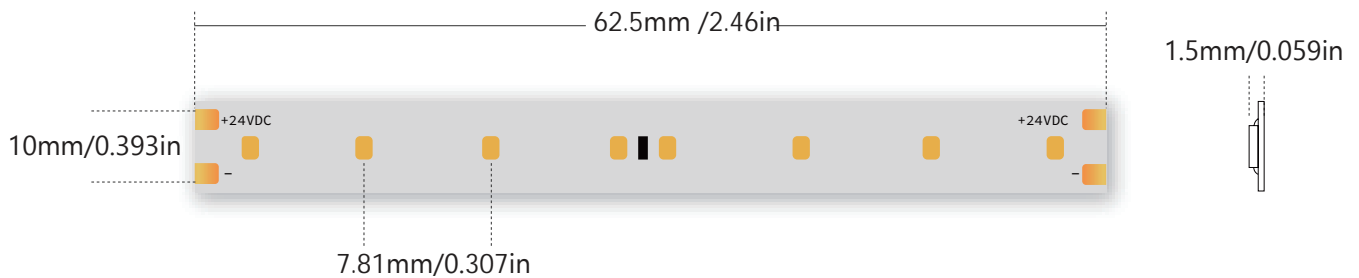


Lighting Effect

## IP Rating Option



## Dimension (mm/inch)



Length/Reel	Width	Height	LED Spacing	Min. Cutting ✂
5000mm/196.85in	10mm/0.3937in	1.5mm/0.059in	7.81mm/0.307in	62.5mm/2.46in(8 LEDs)

## Note:

LED strip length tolerance is + -0.2%mm.  
Width tolerance is + -0.2%mm.


**Data**

Part Number	Working Voltage	Power	Current	LED Qty	CRI
V128-FH24I-X & V128-FH24E-X	24V	9.6W/m	0.4A/m	128LED/m	80+/90+
		2.93W/ft	0.122A/ft	≈39LEDs/ft	

X=27,30,40

CCT (°K)		Luminous Efficiency	lumen	
CRI>80	2700K	133lm/W	1277lm/m	389lm/ft
	3000K	133m/W	1277lm/m	389lm/ft
	4000K	144lm/W	1382lm/m	421lm/ft
	6000K	144lm/W	1382lm/m	421lm/ft
CRI>90	2700K	177lm/W	1838lm/m	560lm/ft
	3000K	177lm/W	1838lm/m	560lm/ft
	4000K	188lm/W	1862lm/m	567lm/ft
	6000K	188lm/W	1862lm/m	567lm/ft
Other options	Red	/	/	/
	Green	/	/	/
	Blue	/	/	/

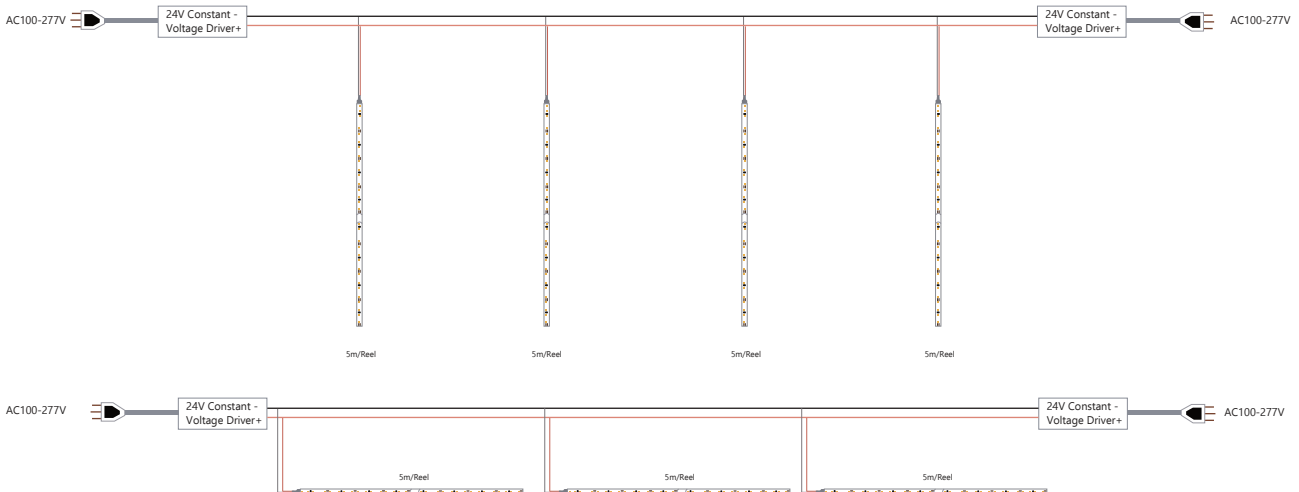
**Note:**

The data base on IP20 non-waterproof.  
 The Lumen output value tolerance + -5% due to testing way.  
 The CCT will be + -150K tolerance.

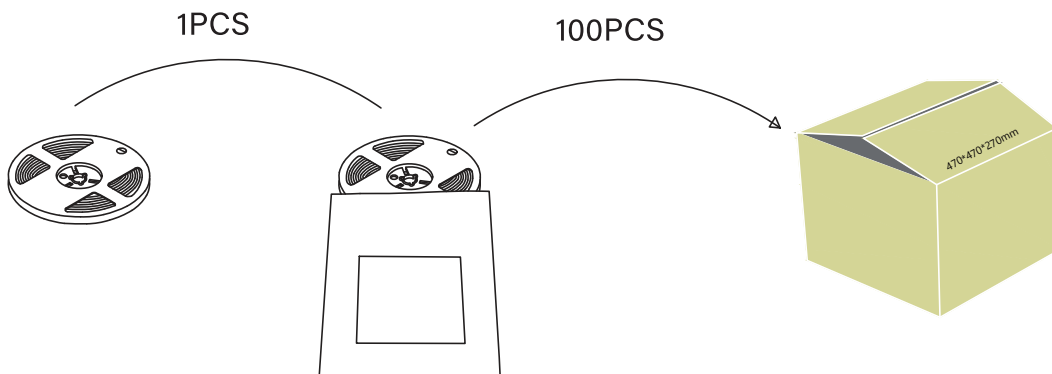
## Absolute Maximum Ratings

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		

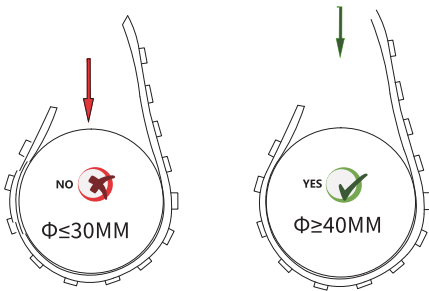
## Wiring Diagram Application



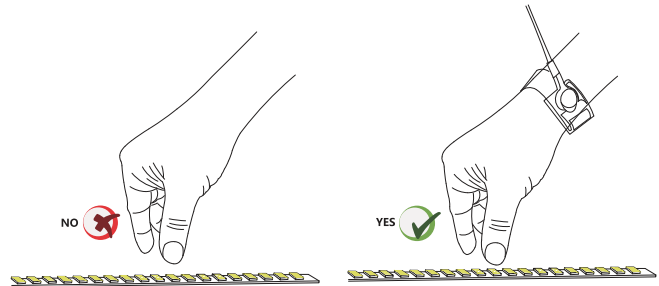
## Packaging



## ! 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.