

PRODUCT DATA SHEET



SMD 3528 Classic Series
3528 120 LEDs/m 9.6W/m



UTFS-CS5120-2408



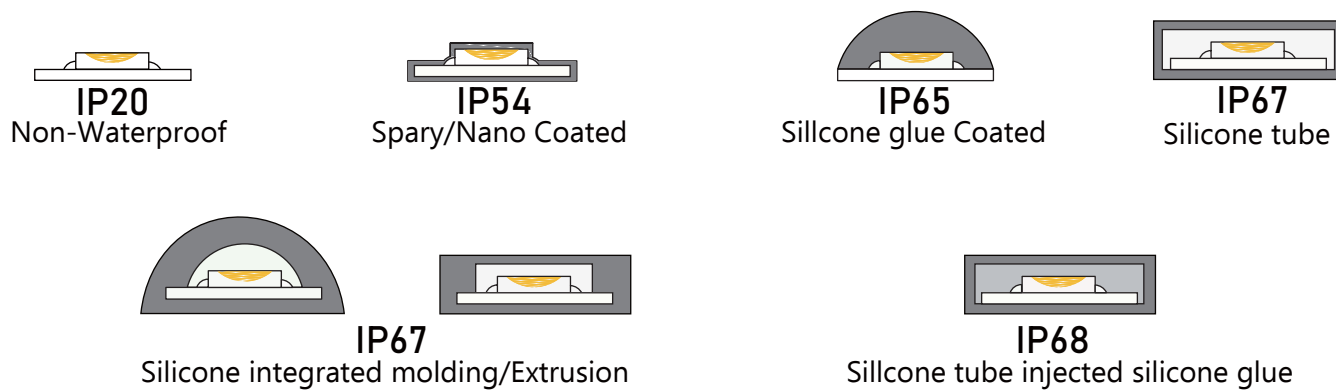
Product Features

1. More options on Ra>90
2. LM80 3528SMD with Epistar chip inside
3. 12V or 24V low voltage input for human safety
4. Ideal for office,residential, retail and industry lighting

CCT Option



IP Rating Option



Dimensions



Note:

LED strip length tolerance is + -0.2%mm.
Width tolerance is + -0.2%mm.
Size of each section is 50mm.
DC 24V

Diagram

Dimensions (mm)

Length/Reel	Width	Height	Min. Cutting ✂
5000	8	2.3	Every 50mm (6 LEDs)

Data

Part Number	Working Voltage	Power (W/m)	Current (A/m)	LED Qty/m	CRI
UTFS-CS5120-2408	24V	9.6W/m	0.8822A/m	288	90+

CCT (°K)	Luminous Efficiency	lumen/m
2700K	99lm/W	950lm/m
3000K	99lm/W	950lm/m
4000K	104.11lm/W	998lm/m
6000K	104.11lm/W	998lm/m

Note:

The data base on IP20 non-waterproof.
The Lumen output value tolerance + -5% due to testing way.
The CCT will be + -100k tolerance.

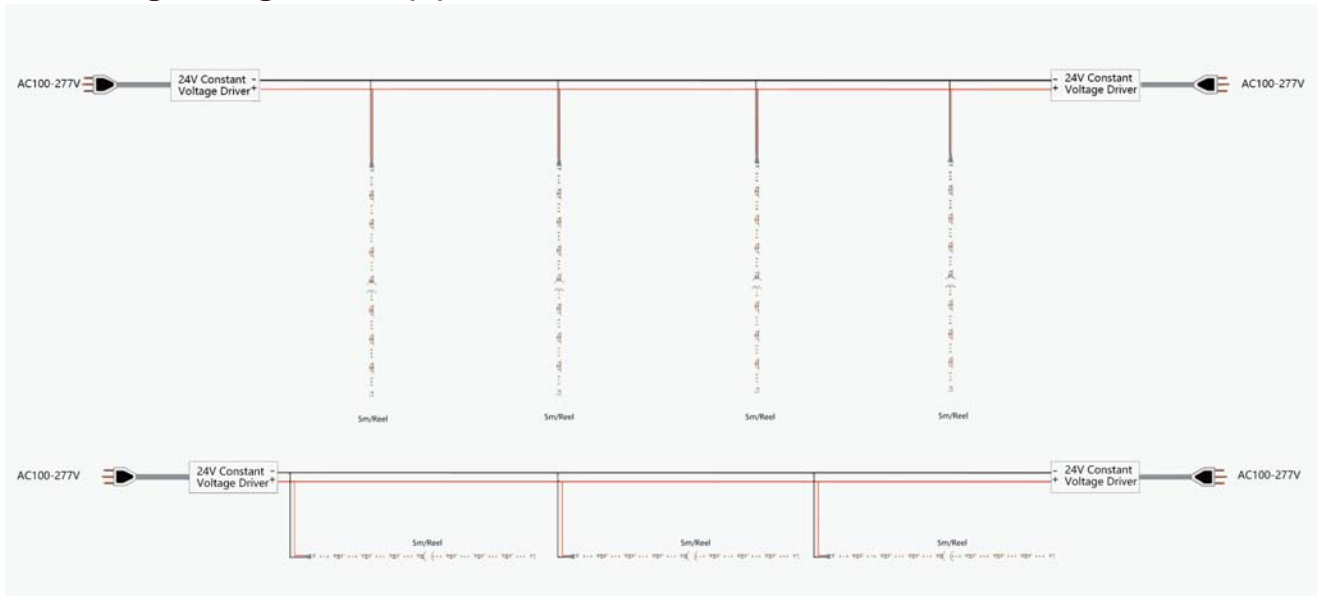


Absolute Maximum Ratings

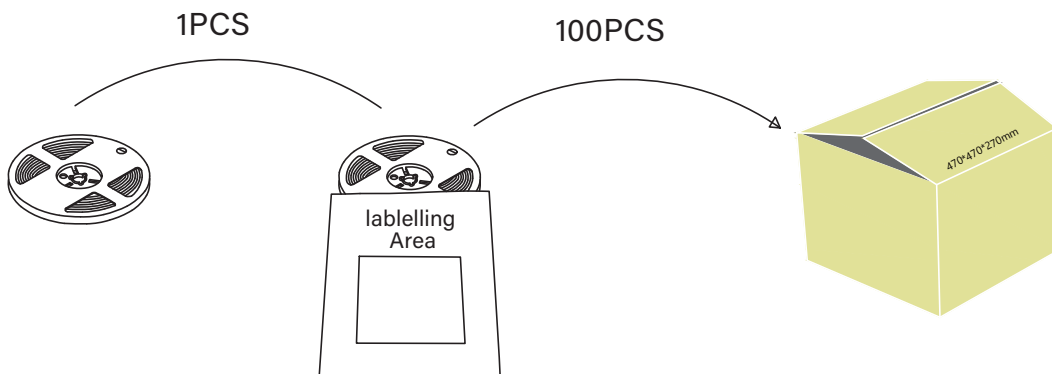
Parameter	Symbol	Value	Units
Thermal Measurement Point	T _c	80	
Operating Temperature	T _{opr}	-20~+40	°C
Storage Temperature	T _s	-20~+80	
Number of FPC Connection			



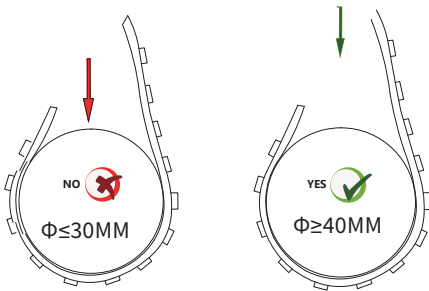
Wiring Diagram Application



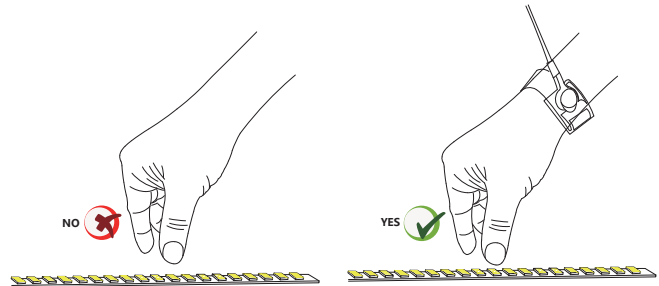
Packaging



! 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.