

DATA SHEET



DEVICE NUMBER :FL-3528NW300NJ

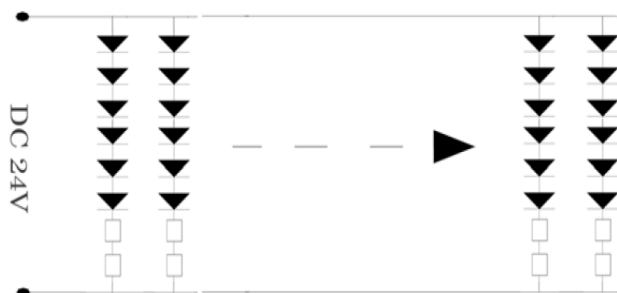
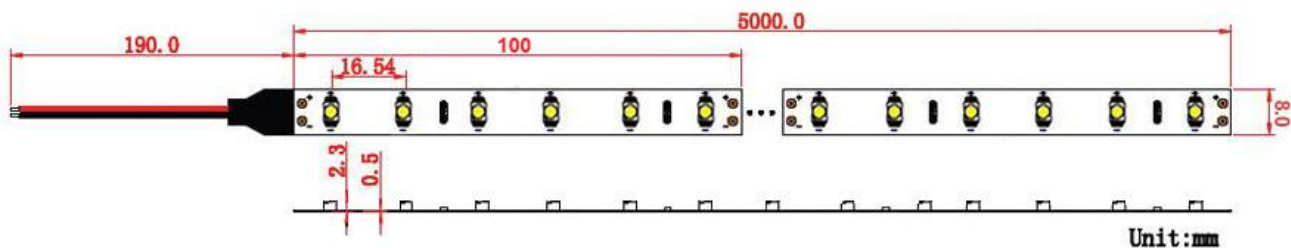
● Features:

- 1 . 5000mmX8mm (300-LED) LED FLEXIBLE RIBBON(NON-WATERPROOF)
2. PRINTED CIRCUIT BOARD THICKNESS: 0.2MM
3. WORKING VOLTAGE: 24V DC.
4. WORKING CURRENT: 1 A
5. LED VIEW ANGLE(2 θ 1/2):120°.
6. PACKAGE: 5meters/REEL

● Applications:

1. Cove lighting and cabinet lighting
2. Backlighting or edge lighting for light box or sign box
3. DIY lighting for indoor use
4. Path or contour marking
5. Decorative lighting for festivals, events, shows and exhibitions
6. Stairway and walkway lighting

● **Package dimensions(mm):**



Notes:

1. All dimensions are in millimeters.
2. Tolerance is $\pm 0.5\text{mm}$ unless otherwise specified.

● **Absolute maximum ratings (TA=25℃)**

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	I_F	1	A
Power Dissipation	PD	24	W
Electrostatic discharge	ESD	800	V
Operating Temperature	T_{opr}	-25 $\sim$ +60	℃
Storage Temperature	T_{stg}	-40 $\sim$ +80	℃

*1Proper current derating must be followed to keep LED junction temperature (T_J) below the maximum

● **Electrical & Optical Characteristics (TA=25°C)**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage DC	V_F	$I_F = 1000\text{mA}$	-	24	-	V
Dominant Wavelength	λ_D	$V_F = 24\text{V}$		-	-	nm
Color Temperature	TC	$V_F = 24\text{V}$	-	4000	4200	K
Luminous flux	ϕ_V	$V_F = 24\text{V}$	-	1800	2000	lm
Recommend Forward Current	$I_F(\text{rec})$	$V_F = 24\text{V}$	-	1	-	A

● **Package Method : (unit:mm)**

