

## DATA SHEET



DEVICE NUMBER :FL-3528WW600NJ

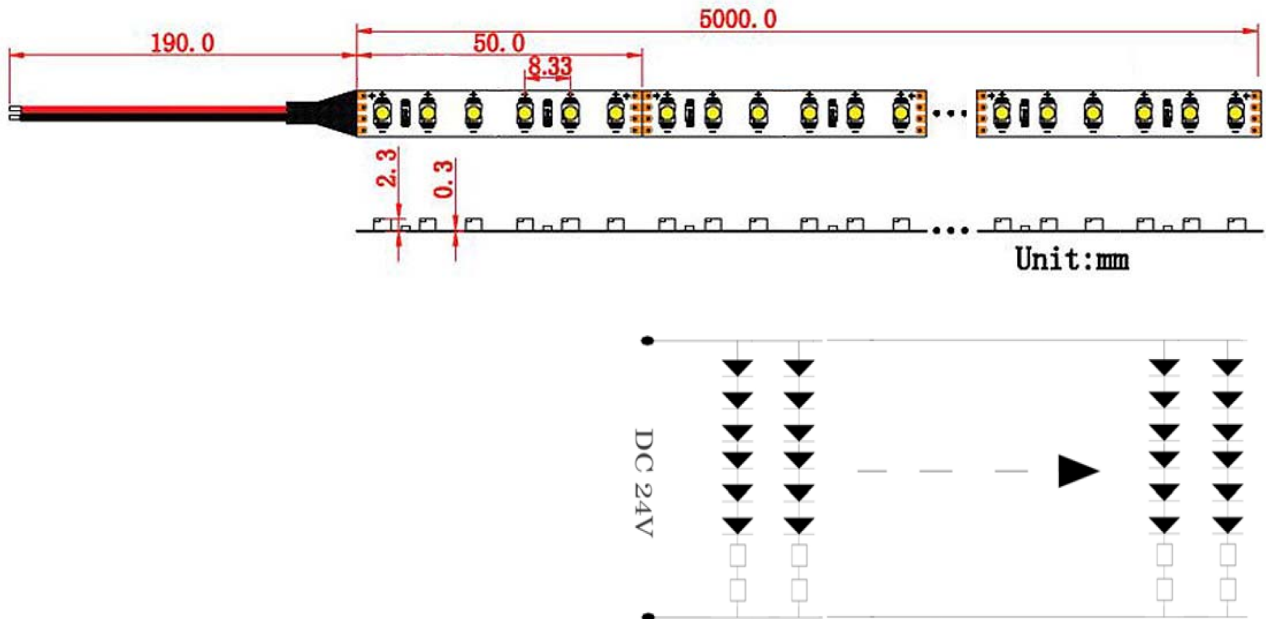
- **Features:**

1. 5000MMX8MM(600-LED) LED FLEXIBLE RIBBON(NON-WATERPROOF)
2. PRINTED CIRCUIT BOARD THICKNESS: 0.2MM
3. WORKING VOLTAGE: 24V DC.
4. WORKING CURRENT: 2 A
5. LED VIEW ANGLE(2 $\theta$ 1/2):120°.
6. PACKAGE: 5meters/REEL
7. Ra $\geq$ 90

- **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  $\pm 0.5$ mm unless otherwise specified.

● **Absolute maximum ratings (TA=25°C)**

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	$I_F$	2	A
Power Dissipation	PD	48	W
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-25 $\sim$ +60	°C
Storage Temperature	Tstg	-40 $\sim$ +80	°C

\*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	$V_F$	$I_F = 2000\text{mA}$	-	24	-	V
Dominant Wavelength	$\lambda_D$	$I_F = 2000\text{mA}$		-	-	nm
Color Temperature	TC	$I_F = 2000\text{mA}$	2800	3000	3200	K
Luminous flux	$\phi_V$	$I_F = 2000\text{mA}$	-	3000	4000	lm
Recommend Forward Current	IF(rec)	$V_F = 24\text{V}$	-	2	-	A
Color Rendering Index	Ra		-	90	-	-

● **Package Method : (unit:mm)**

