

DATA SHEET



DEVICE NUMBER :FL-2835W300NJ

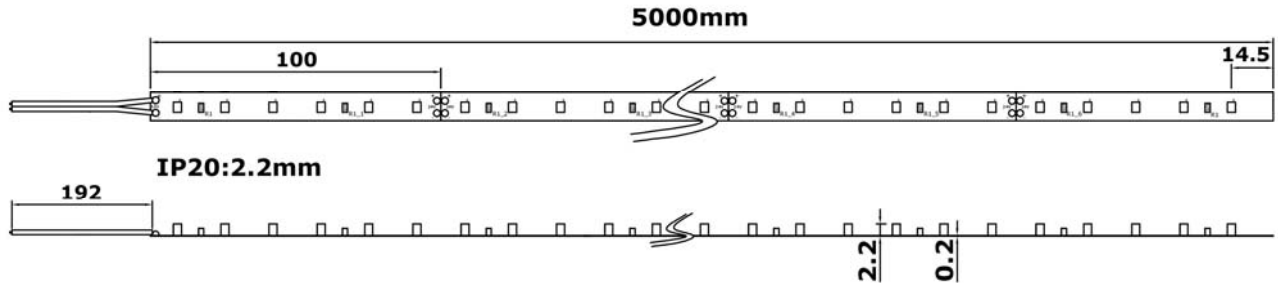
● Features:

- 1 . 5000mmX10mm (300-LED) LED FLEXIBLE RIBBON(NON-WATERPROOF)
2. PRINTED CIRCUIT BOARD THICKNESS: 0.2MM
3. WORKING VOLTAGE: 24V DC.
4. WORKING CURRENT: 3 A
5. LED VIEW ANGLE($2\theta_{1/2}$):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°C)**

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	I_F	3	A
Power Dissipation	PD	72	W
Electrostatic discharge	ESD	800	V
Operating Temperature	T_{opr}	$-25 \sim +60$	°C
Storage Temperature	T_{stg}	$-40 \sim +80$	°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 = 3000mA	-	24	-	V
Dominant Wavelength	λD	V _F = 24V		-	-	nm
Color Temperature	TC	V _F = 24V	5000	5500	-	K
Luminous flux	φV	V _F = 24V	6600	6900	7200	lm
Recommend Forward Current	IF(rec)	V _F = 24V	-	3	-	A

● **Package Method : (unit:mm)**

