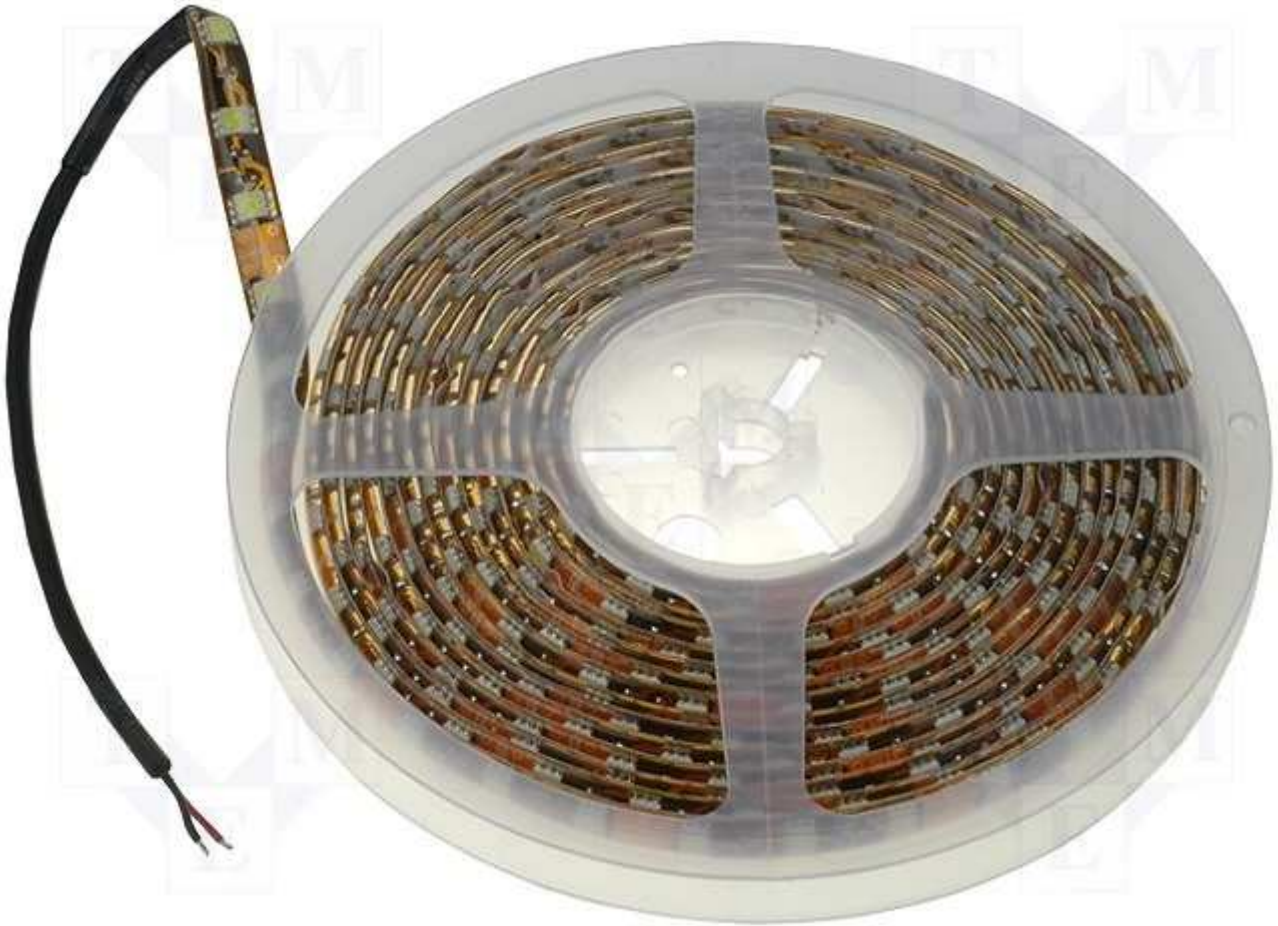




LIGHT Ribbon 5060 series
WATERPROOF

OF-STR5060W2 white waterproof



ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

Features

- 5004MMX10MM SMD LIGHT Ribbon (300-LED) in silicon .
- PRINTED CIRCUIT BOARD THICKNESS : 1.5MM
- WORKING VOLTAGE : 12V DC.
- WORKING CURRENT: 6000mA.
- LED VIEW ANGLE(2 θ 1/2):120°.
- PACKAGE: 1reel 5m.
- Current for 1 m : 1,2A / m
- Luminous Intensity 1m : 660lm/m
- Power consumption 1m : 14,4W
- Every 3 LED module can work separate (50mmx10mm)



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Package Dimensions



Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is ± 1 mm unless otherwise noted.

Absolute Maximum Rating at TA=25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	6000	mA
Power Dissipation	PD	72	W
Electrostatic discharge	ESD	800	V
Operating Temperature	Tstg	-25 ~ +60	°C
Storage Temperature	Tstg	- 40 ~ + 80	°C

Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Condition	Min	Typ	Unit
Forward Voltage DC	VF	IF=3000mA		12	V
Colour Temperature	Tk	IF=3000mA	5500	6500	K
Luminous flux	ϕ_V	IF=3000mA		3300	lm
Recommend Forward Current	IF(rec)	IF=3000mA		6000	mA

Notes: Tolerance of measurement of luminous intensity $\pm 15\%$.

APPLICATIONS

- EDGE-LIGHTING OF TRANSPARENT OR DIFFUSED MATERIALS.
- PATH&CONTOUR MARKING.
- EMERGENCY/RESCUE SIGNS.
- TO COUPLE LIGHT INTO TRANSPARENT OR DIFFUSED GLASS .