

DEMASLED

Waterproof LED Flex Strip (C Series)

Completely transparent Epoxy Resin material

Waterproof Rate IP67

Waterproof for suitable outdoor using

3M self-adhesive or matched mounting clip for easy installation Long

life: Up to 50,000 hours with proper thermal management

Performance lighting effect

3528/5060 SMD LED Light Source, available for all color

5meter per reel

Drive by 12V DC

120 degree Beam Angle Certificate:

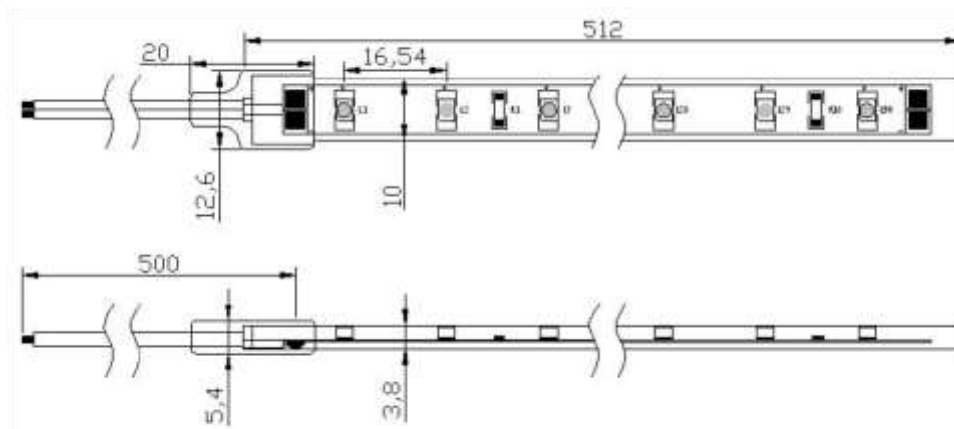
CE & ROHS



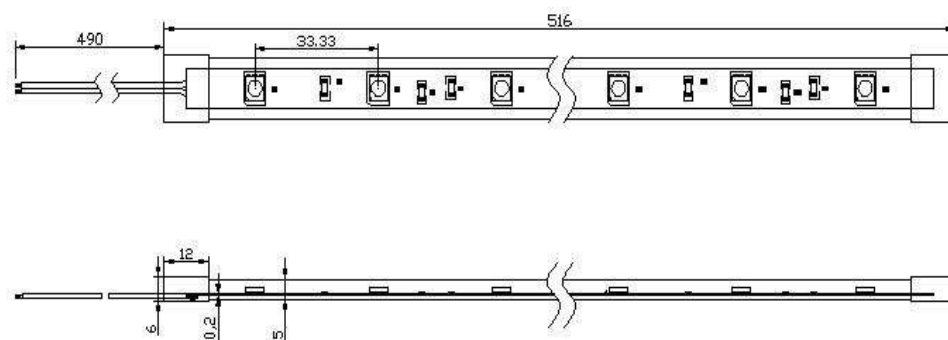
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Drawing

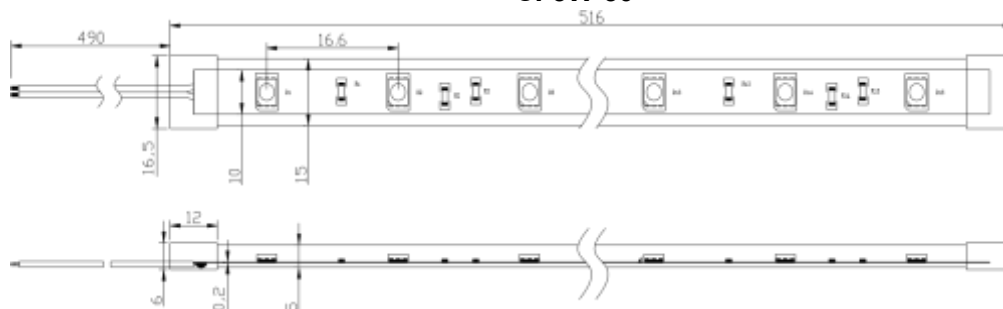
CF8W-30



CF3W-15



CF3W-30



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Notes:

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

Characteristics

Absolute Maximum Rating at TA=25℃

Parameter	Symbo	Absolute Maximum Rating		Unit
		Texrgb30	Texrgb60	
Forward Current	IF	3000	6000	mA
Forward Voltage	VF	DC 12V		V
Electrostatic discharge	ESD	400		V
Operating Temperature	Topr	-25~+60		℃
Storage Temperature	Tstg	-40~+80		℃

Electrical / Optical Characteristics at TA=25℃

Part No.	Col or	Wavelength	Lumen(lm)	Power	Viewing Angle	CRI	Certifications
Texrgb30	◆	620-630nm	360	36W	100°	--	CE/ROHS
	◆	515-530nm	540			--	CE/ROHS
	◆	455-470nm	270			--	CE/ROHS
Texrgb60	◆	620-630nm	700	72W	100°	--	CE/ROHS
	◆	515-530nm	1080			--	CE/ROHS
	◆	455-470nm	540			--	CE/ROHS

- Notes: 1. Tolerance of measurement of luminous intensity±15%.
2. All the technical parameters are based on per roll.

Typical Applications

- Edge-lighting of transparent or diffused materials.
- Path & Contour Marking.
- Emergency / rescue signs.
- To couple light into transparent or diffused glass .

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- Widespread use in accessorial lights for indoors, medical, landscape,
- Architectural lighting, villa, restaurant, hotel, meeting room, show room, shop, counter and so on.
 - General lighting, Task lighting, Household appliances, Architectural lighting, Decorative / pathway lighting, Street lighting



Safety Information

- The SMD light ribbon itself and all its components may not be mechanically stressed. Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED light ribbon (with power supplies) needs to be comply with all applicable electrical and safety standards. Only professionals should be allowed to perform installations. Correct electrical polarity needs to be observed. Wrong polarity may destroy the ribbon.
- Parallel connection is highly recommended as safe electrical operation mode.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the ribbon.
- Please ensure that the power supply is of adequate power to operate the total load.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical insulated points between ribbon and mounting surface.
- Please pay attention to standard ESD precautions when installing the ribbon.
- Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.