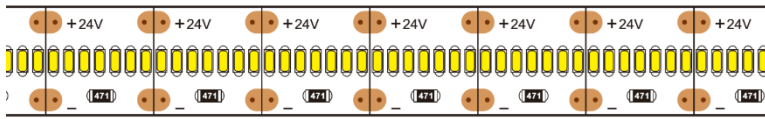


YJ-BC-RB-2110-700-24V

HIGH CRI LED FLEXI STRIP



HIGH CRI LED FLEX STRIP 2110 700LED 24V



FEATURES

- 10mm width flexible PCB with adhesive backing
- 5m length per roll
- 95 CRI, 1800K / 2700K / 3000K / 4000K / 5000K
- 24W/m (8W/ft)
- 24V constant voltage compatible
- Cuttable every 7 LEDs (10mm)



DESCRIPTION

YUJILEDSD® high CRI LED flexible strips are extremely versatile and can be installed in a variety of linear and curved surfaces alike. Enhanced copper traces with precision SMT resistors provide consistently high power and brightness. 3M® adhesive backing allows for quick installation.

ELECTRICAL-OPTICAL CHARACTERISTICS (TA = 25 °C)

Parameter	Symbol	Value			Unit	Tolerance	Condition
		Min.	Typ.	Max.			
Power per metre	–	–	24	–	W	–	Vf=24V
Forward current per metre	If	–	1000	–	mA	–	Vf=24V
Luminous flux per metre	1800K	–	1800	–	lm	–	Vf=24V
	2700K	–	1920	–			
	3000K	–	2040	–			
	4000K	–	2160	–			
	5000K	–	2160	–			
Colour rendering index	Ra	95	–	–	–	–	Vf=24V
Viewing angle	2θ1/2	–	120	–	Deg	±5	Vf=24V

ORDERING INFORMATION

Part Number	CCT
YJ-BC-RB-2110-700-24V-18	1800K
YJ-BC-RB-2110-700-24V-27	2700K
YJ-BC-RB-2110-700-24V-30	3000K
YJ-BC-RB-2110-700-24V-40	4000K
YJ-BC-RB-2110-700-24V-50	5000K
YJ-BC-RB-2110-700-24V-XX	CUSTOM

NOTES

Intensities (lv) and colour shades of white (X-Y co-ordinates) may vary between LEDs within a batch. All LED components are supplied in anti-static packaging.

To order please contact us on +44 (0) 1229 582 430
 F +44 (0) 1229 585 155 | E sales@marl.co.uk | www.leds.co.uk
 in company/marl-international-limited



YJ-BC-RB-2110-700-24V

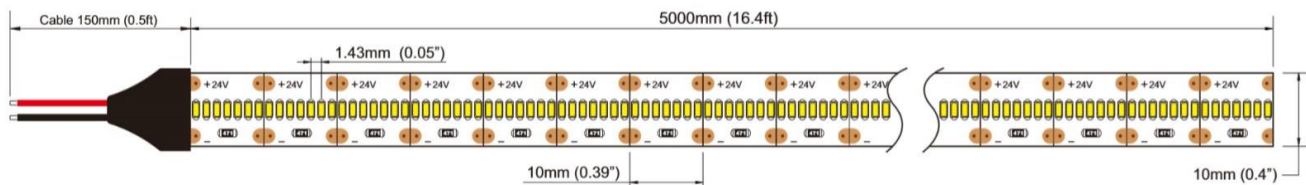
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ABSOLUTE MAXIMUM RATING (TA = 25 °C)

Parameter	Symbol	Limit	Unit
Operating Temperature	Topr	-20 ~ +45	°C
Storage Temperature	Tstg	0 ~ +60	°C
Relative Humidity	RH	70%	-

DIMENSIONAL DRAWING



ADDITIONAL NOTES

SELECTING A POWER SUPPLY

The wattage/ampere requirement is directly proportional to the length of LED flexible strip installed. Calculate the power requirement by multiplying the total length in metres by the maximum wattage or ampere per metre. For additional power supply stability, we recommend specifying 20% additional power capacity above the requirement. For example, a 5 metre length would require 5 metres x 24 W / metre = 120W; for power supply stability, we recommend a power supply that is capable of supplying at least 144W (120W + 20% x 120W).

DIMMING

Our LED flex strips are compatible with 1-10V and PWM dimming systems.

HEAT MANAGEMENT

This high density strip cannot be used in a confined small space or a humid environment. Additional cooling is required. Aluminium channels with high heat conductivity are recommended. Operating temperature should not exceed 45°C.

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