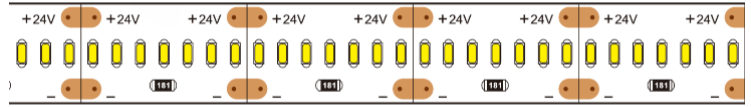


PRODUCT:
HIGH CRI LED FLEX STRIP 2110 420LED 24V

FEATURES:
10 mm width flexible PCB with adhesive backing
5-meter length per roll
95 CRI, 1800K / 2700K / 3000K / 4000K / 5000K
20 W / meter (6.7 W / ft)
24V constant voltage compatible
Cutttable every 7 LEDs (16.66 mm)



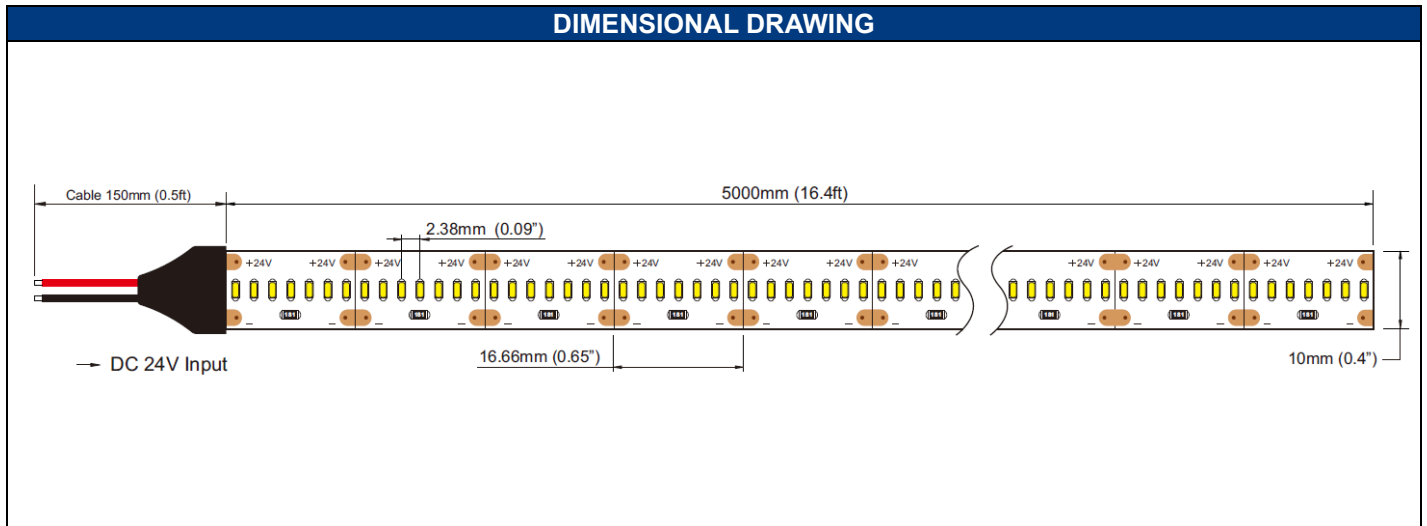
DESCRIPTION

YUJILEDS® 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 (T _A = 25 °C)							
PARAMETER	SYMBOL	VALUE			UNIT	TOLERANCE	CONDITION
		MIN.	TYP.	MAX.			
Power per meter	--	--	20	--	W	--	V _f = 24V
Forward current per meter	I _f	--	833	--	mA	--	V _f = 24V
Luminous flux per meter	Φ _{1800K}	--	1500	--	lm	--	V _f = 24V
	Φ _{2700K}	--	1600	--			
	Φ _{3000K}	--	1700	--			
	Φ _{4000K}	--	1800	--			
	Φ _{5000K}	--	1800	--			
Color rendering index	R _a	95	--	--	--	--	V _f = 24V
Viewing angle	2θ _{1/2}	--	120	--	Deg	±5	V _f = 24V

ORDERING INFORMATION	
PART NUMBER	CCT
YJ-BC-RB-2110-420-24V-18	1800K
YJ-BC-RB-2110-420-24V-27	2700K
YJ-BC-RB-2110L420-24V-30	3000K
YJ-BC-RB-2110-420-24V-40	4000K
YJ-BC-RB-2110-420-24V-50	5000K
YJ-BC-RB-2110-420-24V-XX	CUSTOM

ABSOLUTE MAXIMUM RATING (T _A = 25 °C)			
PARAMETER	SYMBOL	LIMIT	UNIT
Operating Temperature	T _{opr}	-20 ~ +45	°C
Storage Temperature	T _{stg}	0 ~ +60	°C
Relative Humidity	RH	70%	-



ADDITIONAL NOTES

SELECTING A POWER SUPPLY

The wattage/amperage requirement is directly proportional to the length of LED flexible strip installed. Calculate the power requirement by multiplying the total length in meters by the maximum wattage or amperage per meter. For additional power supply stability, we recommend specifying 20% additional power capacity above the requirement. For example, a 5 meter length would require 5 meters x 20 W / meter = 100W; for power supply stability, we would recommend a power supply that is capable of supplying at least 120W (100W + 20% x 100W).

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. Aluminum channels with high heat conductivity are recommended. Operating temperature should not exceed 45°C.