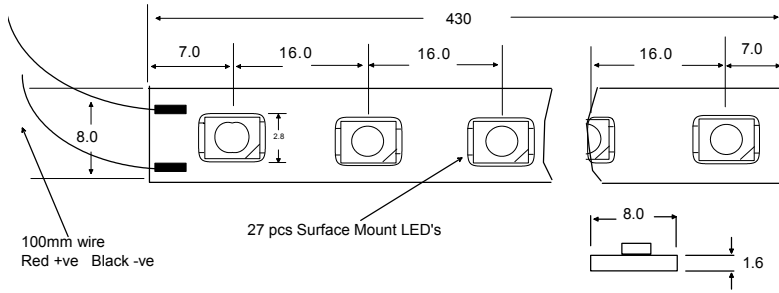


**430mm LED Strip Assembly**

**PA430x8-27x-SMD-12vdc**

*Dimensions*



Notes: All dimension are in millimeter tolerance is  $\pm 0.25\text{mm}$   
Wire length may be adjusted to customer specification.

**• Absolute maximum ratings (Ta=25°C)**

Parameter	SYMBOL	RATINGS	UNIT
Power Dissipation	PD	2.5	W
Continuous Forward Current	IF	265	mA
DC Input Voltage	Vac	12	V
Operating Temperature	Topr	-25 to +60	°C
Storage Temperature	Tstg	-30 to +100	°C

**• Electro-optical characteristics (ratings@ Ta= 25°C)**

Parameter	Symbol	Radiation Color	Test Condition	Min	Typ	Max	Unit
Forward Voltage	Vac	Blue SDB	If=20mA	11	12	12.5	V
		Yellow SDY	If=20mA	11	12	12.5	
Luminous Intensity	Iv	Blue SDB	If=20mA	3	4.5	6	cd
		Yellow SDY	If=20mA	7	11	15	
Wavelength	$\lambda_{\text{dnm}}$	Blue SDB	If=20mA		470		nm
		Yellow SDY	If=20mA		587		
Spectrum Radiation Halfwidth	$\Delta\lambda$ nm	Blue SDB	If=20mA		26		nm
		Yellow SDY	If=20mA		35		
Reverse Current @5v	I	Blue SDB	If=20mA		150		uA
		Yellow SDY	If=20mA		150		
Viewing Angle	20 1/2(deg)	Blue SDB	If=20mA		120		Degrees
		Yellow SDY	If=20mA		120		

Other colour / voltage options are available on request  
Specifications may be subject to change without notice