

PFS5000x8-300SLD2835W-12V series

Bendable Flexible LED Strip

Features

- Bendable flexible LED light source
- Miniature 2835 LED emitters
- Easy to cut at intervals
- Wide 120° angle of emission
- Low power, low heat, long life
- 3M Adhesive backing tape



Applications: POS Display equipment & lighting

Configuration 12VDC 60 LEDs/metre

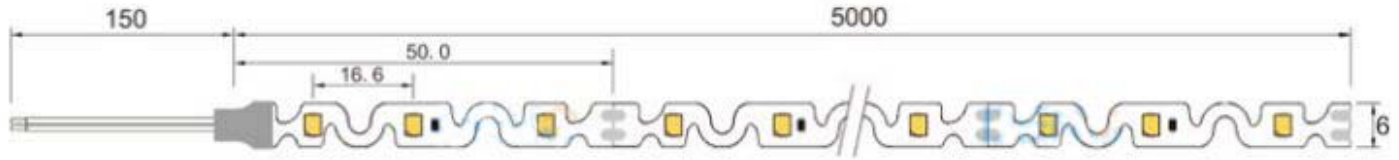
Parameter	Rating	Unit
LED emitters PLCC 2835	300 pcs 2.8x3.5mm	TOTAL / reel
LED pitch	16.66	mm
Dimensions	5000x8mm cuttable at 50mm intervals	
Termination	2x Flying wire leads 200mm long	

Electro-optical characteristics Ta=25°C

Part Number	Colour	CCT	LED QTY/M	Luminous Flux (LM/M typ)	Current (A/M)	Rated Power (W/M)
PFS5000x8-300SLD2835PW-12v-4.8W	Pure White	6500K	60	500lm	0.5A	4.8W
PFS5000x8-300SLD2835NAW-12v-4.8W	Natural White	4000K				
PFS5000x8-300SLD2835WWW-12v-4.8W	Warm White	2700K				
PFS5000x8-300SLD2835PW-12v-9.6W	Pure White	6500K		960lm	0.8A	9.6W
PFS5000x8-300SLD2835NAW-12v-9.6W	Natural White	4000K				
PFS5000x8-300SLD2835WW-12v-9.6W	Warm White	2700K				
PFS5000x8-300SLD2835PW-12v-12W	Pure White	6500K		1190lm	1.0A	12W
PFS5000x8-300SLD2835NAW-12v-12W	Natural White	4000K				
PFS5000x8-300SLD2835WW-12v-12W	Warm White	2700K				

CRI	>90	Ra
Viewing angle	120°	Degrees
Operating Temp	-20 to +45°C	°C
Storage Temp	-0 to +55°C	°C

Dimensions



Handling notes:

Ensure that the correct low voltage dc power supply is matched to the flexible strip specification

Avoid repeated bending of the strip as this will damage the circuit and components and please observe the maximum bend radius of 30mm

Avoid handling of the surface components in particular the LED emitters as any pressure may result in damage and latent failures.

When cutting IP65 the ingress protection will be compromised please ensure that the assembly is re-sealed accordingly in order to maintain the IP rating

Installation notes:

To achieve a consistent luminous effect, each 5 metres should be connected to the power source.

To ensure long life we recommend that the strip is kept as cool as possible and environments where the temperature exceeds 40°C should be avoided

Drive & Control:

For control solutions please refer to our range of controllers and drive options which include DMX, RF Wireless, WiFi. More information may be found at <http://www.plusopto.co.uk/led-controllers.html>

Specifications may be subject to change without notice