

PF5000x8-SLD3014SV-12V series

Side Emit Flexible LED Strip

Features

- Side emit flexible LED light source
- Miniature 3014 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 Low Density 60 LEDs/metre

Parameter	Rating	Unit
LED emitters PLCC 3014	300 pcs 3.0x1.4mm	TOTAL / reel
LED pitch	16.66	mm
Dimensions	5000x8mm cuttable at 50mm intervals	
Termination	2x Flying wire leads 200mm long	

Configuration 12VDC High Density 120 LEDs/metre

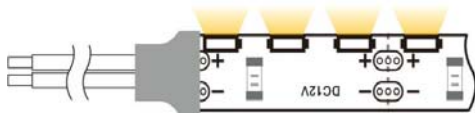
Parameter	Rating	Unit
LED emitters PLCC 3014	600 pcs 3.0x1.4mm	TOTAL / reel
LED pitch	8.33	mm
Dimensions	5000x8mm cuttable at 25mm intervals	
Termination	2x Flying wire leads 200mm long	

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)
PF5000x8-300SLD3014SV-PW-12v	Pure White	6500K	60	510lm	0.5A	6W
PF5000x8-300SLD3014SV-NAW-12v	Natural White	4000K				
PF5000x8-300SLD3014SV-WW-12v	Warm White	2700K				
PF5000x8-600SLD3014SV-PW-12v	Pure White	6500K	120	1020lm	1.0A	12W
PF5000x8-600SLD3014SV-NAW-12v	Natural White	4000K				
PF5000x8-600SLD3014SV-WW-12v	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 metre 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