

PF5000x4-SLD2110W

Narrow width Flexible LED Strip

Features

- Narrow width flexible LED light source
- Miniature 2110 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 High Density 120 LEDs/metre

Parameter	Rating	Unit
LED emitters PLCC 2110	600 pcs 2.1x1.0mm	TOTAL / reel
LED pitch	8.33	mm
Dimensions	5000x4mm cuttable at 25mm intervals	
Termination	2x Flying wire leads 200mm long	

Configuration 24VDC Ultra High Density 196 LEDs/metre

Parameter	Rating	Unit
LED emitters PLCC 2110	980 pcs 2.1x1.0mm	TOTAL / reel
LED pitch	5.10	mm
Dimensions	5000x4mm cuttable at 35.71mm intervals	
Termination	2x Flying wire leads 200mm long	

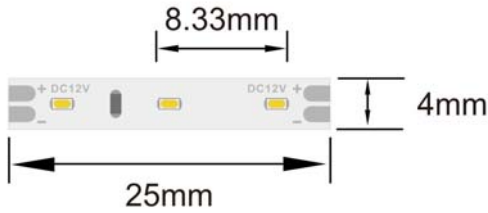
Electro-optical characteristics Ta=25°C

Part Number	CCT	QTY/M	Luminous Flux (LM/M)	Current/M	Rated Power (W/M)
PF5000x4-600SLD2110PW-12v	6500	120 LEDs/m	740-860lm	0.8A	9.6W
PF5000x4-600SLD2110NAW-12v	4000				
PF5000x4-600SLD2110WW-12v	2700				
PF5000x4-980SLD2110PW-24v	6500	196 LEDs/m	1260-1490lm	0.6A	14.4W
PF5000x4-980SLD2110NAW-24v	4000				
PF5000x4-980SLD2110WW-24v	2700				

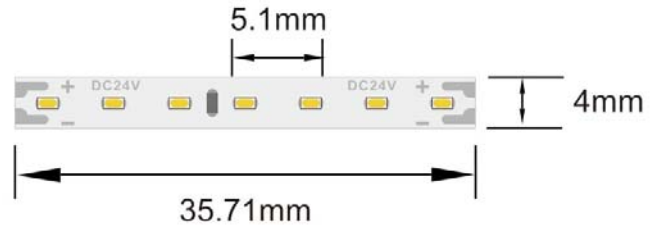
CRI	>90	Ra
Viewing angle	120°	Degrees
Operating Temp	-20 to +45°C	°C
Storage Temp	-0 to +55°C	°C

Dimensions

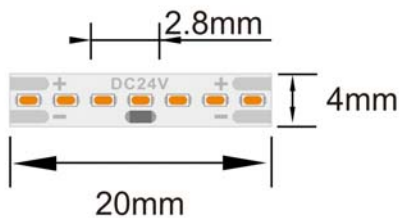
120 LEDs/metre



196 LEDs/metre



350 LEDs/metre



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