



PF5000x10-2100SLD2216W-24V

High Density Flexible LED Strip

Features

- High Density flexible LED light source
- Dot-less illumination
- Miniature 2216 LED emitters
- Easy to cut at 14.3mm intervals
- Wide 120° angle of emission
- Low power, low heat, long life
- 3M Adhesive backing tape



Applications: POS Display equipment & lighting

Ultra High Density 420 LEDs/metre

Parameter	Rating	Unit
LED emitters PLCC 2216	2100 pcs 2.2x1.6mm	TOTAL / reel
LED pitch	2.38	mm
Dimensions	5000x10mm cuttable at 14.3mm intervals	
Termination	2x Flying wire leads 200mm long	

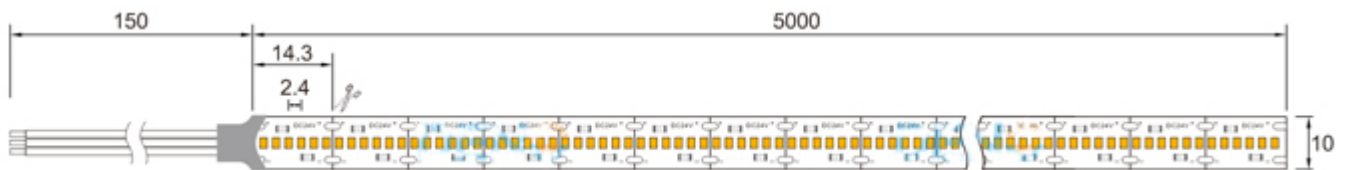
Electro-optical characteristics Ta=25°C

Part Number	CCT	QTY/M	Luminous Flux (LM/M)	Current/M	Rated Power (W/M)
PF5000x10-2100SLD2216PW-12v	6500	420 LEDs/m	1950-2100	0.83A	19.2W
PF5000x10-2100SLD2216NAW-12v	4000				
PF5000x10-2100SLD2216WW-12v	2700				

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

Specify:3MacAdam High CRI Ra90 Ra95

Dimensions



Front View -420LEDs/m - 2216 - 10mm - DC24V

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