

PF5000x30-3072COB-W-24V/30W

High Intensity Wide COB Flexible LED Strip

Features

- Dimmable CV Flexible LED strip
- COB Dot free illumination
- 3072 LED's/metre
- High efficacy >130lm/W
- Easy to cut at 15.5mm intervals
- Wide 180° angle of emission
- 3M Adhesive backing tape
- 3 year warranty



Specifications Ta=25°C

Parameter	24VDC	Unit
Input Voltage	24v Typical	VDC
Current consumption / metre (max)	1250mA	mA/m
Current consumption total (max)	6.25A	A/ TOT / reel
Power consumption / metre (max)	30W	W/m
Power consumption total (max)	150W +/- 5%	W/TOT / reel
Operating Temp	-20 to +45°C	°C
Storage Temp	-10 to +55°C	°C

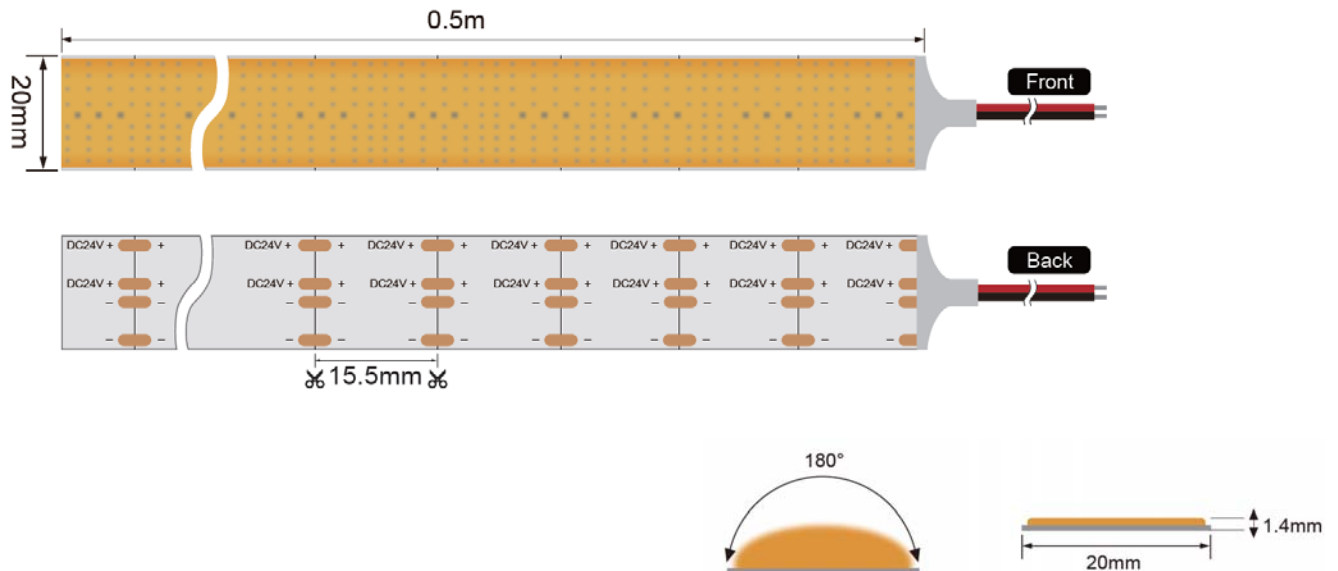
Opto-electrical characteristics Ta=25°C

Power	Colour	CCT	Lumen/M	Lumen/W	Energy Efficiency Class
30W/m	Warm White	2700K	3300	110	F
	Pure White	6500K	3900	130	E
	Natural White	4000K	3800	126	E
Based on CRI≥90					
1. The tolerance of output data is ;±10%.					

Additional power/intensity ratings available

Luminous Flux values quoted are typical. Please contact our office for the latest luminous intensity yields

Dimensions



Notes:

It is recommended that higher power types >10W/metre are mounted on a suitable heatsink i.e. aluminium to allow cooling and maintain LED life.

The rated life of LED products depends to a large extent on the temperature. If the permissible temperature limits are exceeded, LED lifetimes will be greatly reduced and may lead to catastrophic failure of the LEDs.

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

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 length should be connected to the power source.

To ensure long life we recommend that the strip is kept as cool as possible.

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>