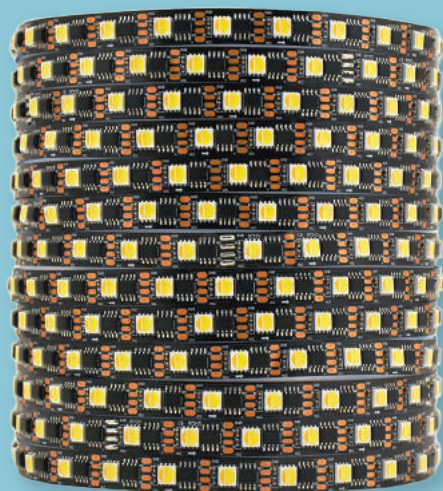


Pixel FlexLED 12V Dynamic White

High Frequency Individual Chip Control



60 LED/Meter PixelFlex LED Tape WWA

A worlds first! Pixel FlexLED individually controlled and individually cuttable in 12VDC. 2700k, 6500k and Amber (595nm) all-in-one high CRI LED chip designed for beautiful colour rendering and chase effects.

This Pixel FlexLED operating 12 VDC allows for longer runs of LED while still allowing for dazzling effects and endless possibilities.

Control these strips with our PixlArt 416 controller via ArtNet or sACN data signals.

Suitable for on-camera use and flicker-free up to 240 fps at most camera settings. 8KHZ operating frequency.

Pixel Product Installation Notes:

The PWM frequency (dimming frequency) is baked into the pixel and cannot be changed. You must ensure you choose the right pixel strip for your application. If you are unsure of what camera settings are going to be in use, it is best to go with high frequency pixel tape (8khz or higher / GS8208 or APA102)

Avoid voltage drop by positioning a power supply close to the LED strip and/or powering the LED strip from multiple locations (or via multiple power supplies)

The power supply that is providing power to the controller (PixlArt416) does not need to be the same power supply that is powering the LED strip. During testing ensure that the pixel strip is receiving the required voltage by doing a volt meter test at the contact pads of the LED strip.

Soldering Guidelines:

Soldering iron should be between 360°C and 372°C. Please ensure not to heat each solder pad for longer than 3 seconds otherwise separation of the solder pads can occur.

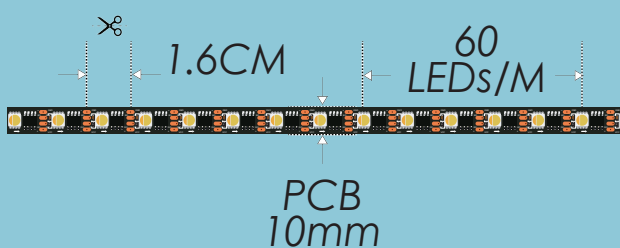
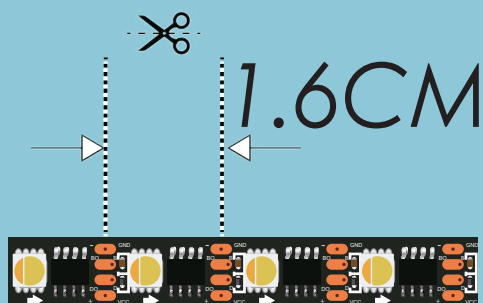
Other Notes:

Indoor and weatherproof strips have double-sided tape on the back which makes installation as easy as peel n stick.

Waterproof strips require mounting via silicone glue or mechanical hardware Controller, power supply and extension cables are sold separately based on your project

Quantity discounts available

Custom colour temperatures, pixel densities, and PCB colour are available



95+ CRI	12V DC	120° BEAM ANGLE	5 years	Dimmable	5M (16.4')	CUSTOMIZED LENGTHS
UL LISTED E489028	RoHS	CE	PCB Width 10MM	IP43 INDOOR	Dynamic White	

TECHNICAL SPECIFICATIONS

NO:

PIXELS - RGBW

1	PRODUCT TYPE	Warm White, Cool White, Amber Individual Pixel Control FlexLED Tape
2	PRODUCT CODE	I12VW300GS8208-B
3	CRI / TLCI	95+
4	COLOUR TEMP. OR WAVELENGTH	2700k + 6500k + Amber
5	PCB COLOUR	BLACK
6	CURRENT, RATING	1.20 A / METER
7	VOLTAGE	12 VDC
8	WATTAGE	14.4 W / METER
9	CC / CV	CONSTANT CURRENT
10	IP RATING	IP43
11	LUMENS/METER@FULL	TBD
12	LUMEN / WATT	TBD
13	LIFETIME*	40,000 HOURS
14	CUTTING LENGTH	Individual LED - 1.6 CM
15	LEDS/METER QUANTITY	60 LED / METER
16	NUMBER OF CONTACTS	4
17	LED TYPE	GS8208
18	PCB COPPER QUANTITY	3 Oz.
19	OPERATING TEMPERATURE RANGE	-40° TO + 70° C
20	AGENCY RATINGS	UL - E489028, CE, RoHS
21	PCB WIDTH	10MM
22	MAXIMUM RECOMMENDED LENGTH	5 METERS
23	VIEWING ANGLE	120°
24	ADHESION	SCX 040 500
25	WAVELENGTH A	2700k
26	WAVELENGTH B	6500k
27	WAVELENGTH C	595nm
28	WAVELENGTH D	N / A
29	DATA TRANSMISSION SPEED	800 kHz
30	REFRESH RATE	30 FPS
31	OPERATING FREQUENCY	8 kHz

* - NOMINAL LIFETIME BASED ON IDEAL INSTALLATION LOCATION CONDITIONS & ASSUMING MAXIMUM OF 16 HOURS PER DAY OF USE