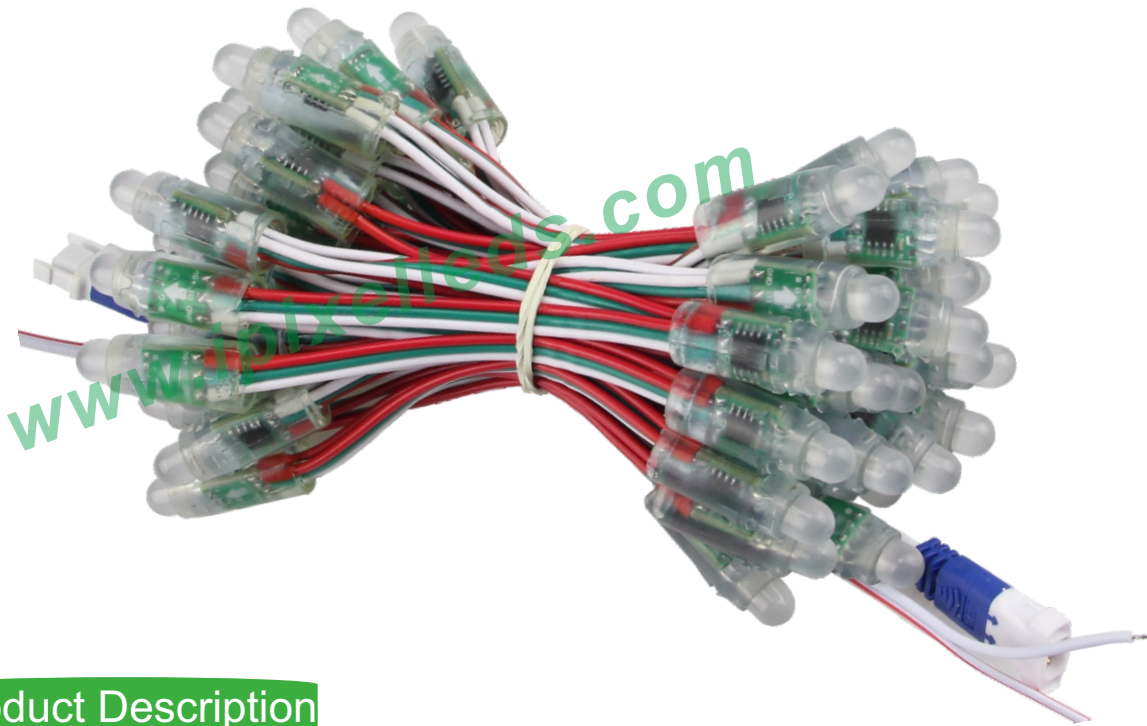




12mm Diffused Thin Digital RGB LED Pixel (Strand of 50)



Product Description

- Control IC included, supporting numerous Color-change effects.
- Pcontrol by SD controller,Arduino,DMX512, Artnet.
- Software : LEDedit, Madrix,etc DC 5V low voltage input.



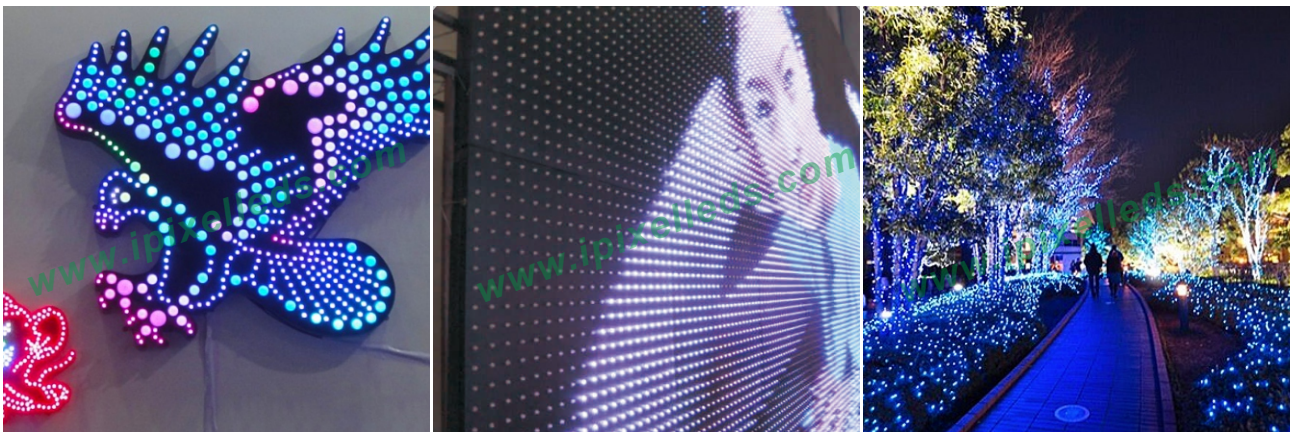
- Every 1 Leds linear separable, custom-length available;
- Eco-green light, no UV, IR;
- Extremely long lifespan & lower power consumption;



Product Datasheet

Product	Number	P12RV5
Light	Source	Epistar F8mm Dip LED
Beam	Angle	140°
LED	Quantity	50pcs/chain
Diameter	(mm)	12mm
Emitting	Color	RGB
Operating	Voltage	DC5V
Current	(A/1 pcs)	0.06A
Power	(W)	0.3W/pcs
Control	(IC)	UCS1903/WS2811
Lumen	(lm/1 chain)	R29 G81 B27
Pixel	Resolution	1024 (Dot/m ²)
Wire	Length(pitch)	8cm
Waterproof	Rating	IP66 (PVC)
Operation	Temperature	-30°C—40°C

Application



Amusement attractions, rides.

Outdoor digital sign letters, digital panel.

Dance Floor, Christmas Tree lighting etc.

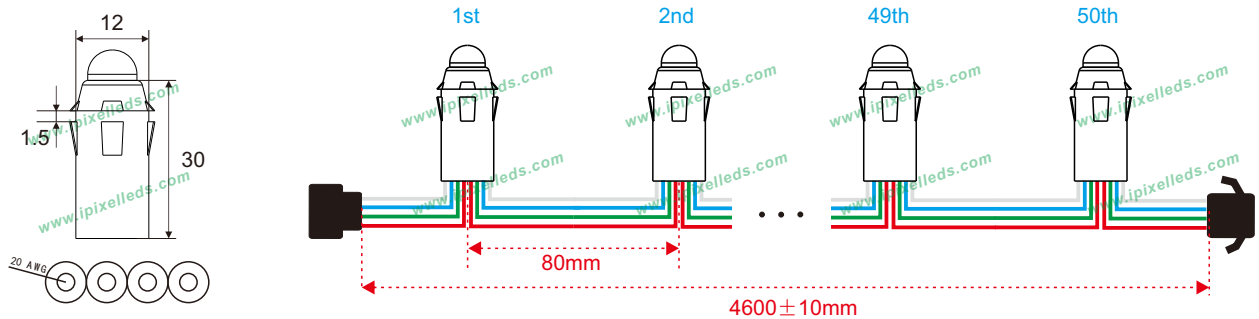
Signs, large dot matrix animation.



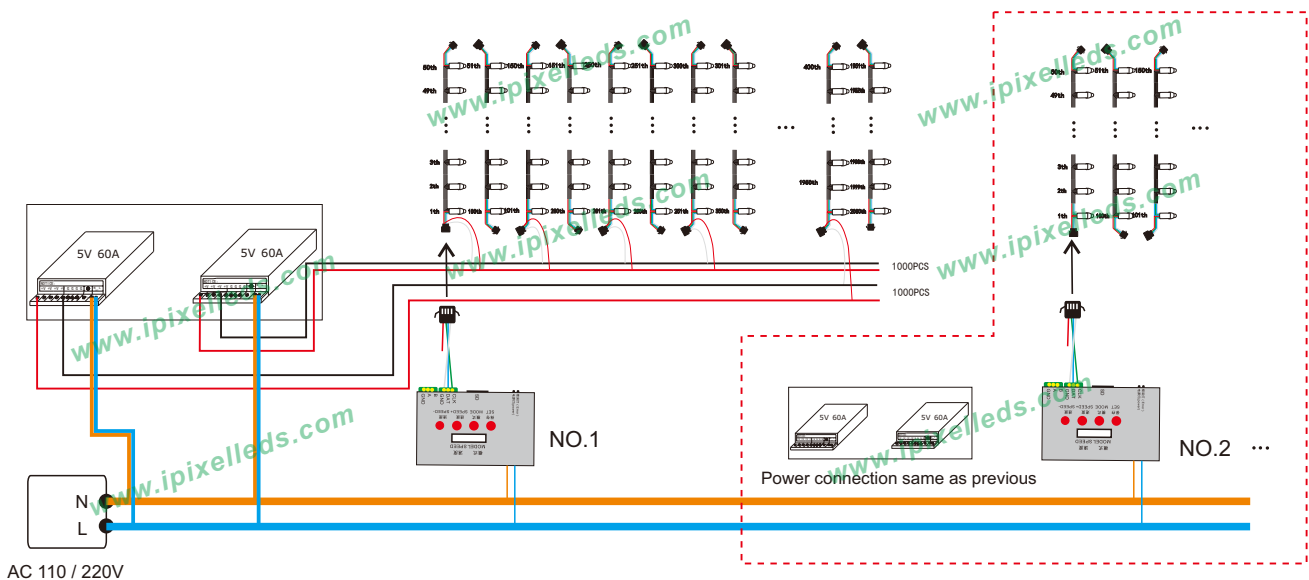
More Details

UCS1903 /Ws2811 IC		Latest 2-Pin YH connector	
		Cable color definition	
			GND
			DAT
			DC +5V

Outline Dimension



Connection Drawing



X-ON Electronics

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