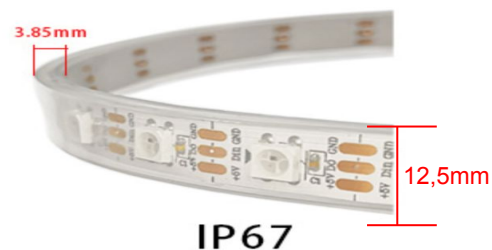


Pixel LED strip

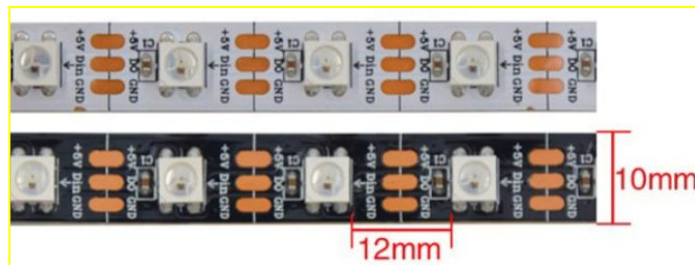
5050 package – RGB with on board IC allowing each colour within each chip to be addressed individually

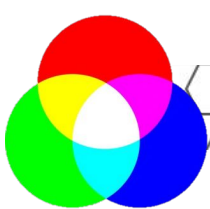


IP 65 version - with a UV stable silicone sheath that is not bonded or glued to the PCB – allowing for expansion and contraction in sunlight – without putting strain on the electronics within. Frosted lens presents a constant bead of light - no dots.

Either a black or a white solder mask
Image shows non IP version

Standard spacing is 60 LEDs per m

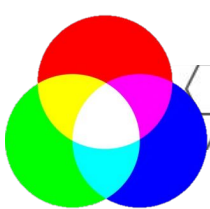




FACT FILE:



<u>General Information</u>	
Body Construction	Flexible PCB encased in Tricolour, UV Stable silicone.
LED Type	Epistar (Taiwan) chips used within a 5050 SMD LED package 60 LEDs per m
Intelligent Chip Model	SK6812
Recommended Height Installation	N/A
Compliance	SANS 60598
IP Rating	IP 65 Joints need to be made by qualified staff otherwise IP rating is nullified.
Control Type	ArcNET or DMX
<u>Electrical Information</u>	
Electrical Class	Class 2
Socket Options	N/A
Supply Voltage	12V DC – Volt drop is an issue – and closed parallel circuits are required.
Surge Protection	Dependant on power supply - Minimum 2kV
Power Factor	Better than 0.94
<u>Optical Information</u>	
CRI	N/A
CCT	N/A
<u>Performance</u>	
Total Circuit load and Lumens	13W per m – If all 3 colours are ramped to full output
LED Colours	Red – 620nm 800mcd Green – 520nm 1200mcd Blue - 465nm 430mcd RGB colour-mixing via SK6812 chip
<u>Operating Conditions</u>	
Operating Temperature range	From -20°C to +45°C
<u>Dimensions and Mounting</u>	
Weight	Under 50g per m
Installation Data	Only by trained and approved staff



FACT FILE:



**We do not offer a wiring diagram
as we do not recommend
untrained personnel try to install
this system**