

Flexiprint silicone IP67

3528 PLCC2, single colour, standard bright

FPS-x01B-500

Specifications

Voltage	12V
Current	2A
Wattage	4.8W/m
Number of LEDs	300pcs
Length of stripe	5m
Viewing angle	120°
Min. bending radius (edges/corners)	100mm
Operating temperature	-15 to +40°C
Storage temperature	-25 to +60°C
CE/RoHS compliant	



Benefits

Adhesive tape on backside

About IP67

Waterproof for temporary immersion in water.
Test requirements according to IEC 60598-1 (9.2.8) under a max. depth of 1m for 30Min.
No protection against UV, salt water/smog and chlorine!
IP protection is no longer applicable after cutting!
Cable/connector meets only IP64 protection!

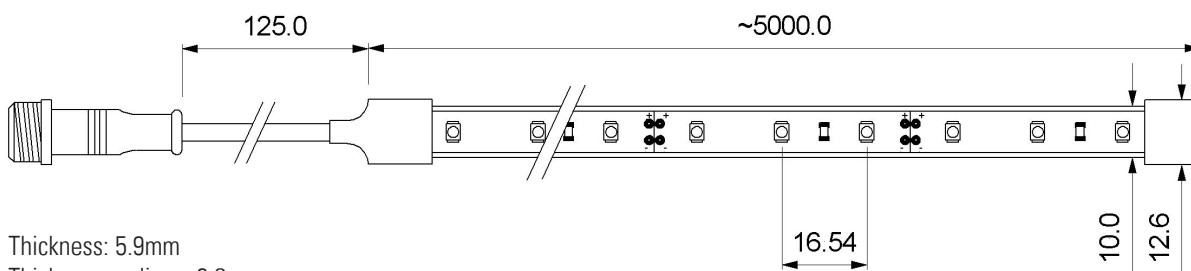
Electrical and optical characteristics (Ta=25°C)

Part number	Colour	Wavelength	Intensity lm/m	
FPS-B01B-500	 blue	470nm	66	
FPS-G01B-500	 green	520nm	283	
FPS-R01B-500	 red	620nm	148	
FPS-Y01B-500	 yellow	590nm	40	

Part number	Colour	CCT	Intensity lm/m	EEC
FPS-H01B-500	 warm-white	2600-2800°K	420	G
FPS-N01B-500	 warm-white	2800-3500°K	468	F
FPS-S01B-500	 natural-white	3800-5000°K	498	F
FPS-W01B-500	 cold-white	5500-7000°K	498	F

the reduction of light output for IP67 products is about -15%, due to silicone acting as a filter.

Dimensions



Thickness: 5.9mm
Thickness endings: 6.8mm
DC-Power Jack: internal Ø 2.1mm / external Ø 5.5mm

1. All dimensions are in millimetres
2. Length tolerance $\pm 1\%$
3. All strandet wires cross section 0.2mm² AWG #24
4. Specifications are subject to change without notice

Please also take note of our **General Information for Flexiprint and LED Modules**