

Digital LED Strip Light

Features/Application

- Step-down IC and MCU chip built in SMD5050 LED.
- The Serial data control (SPI signal,SK6812 Protocol)
- 12VRGBW,Each led addressable
- Decorative light and Background
- Architectural lighting
- Interior lighting

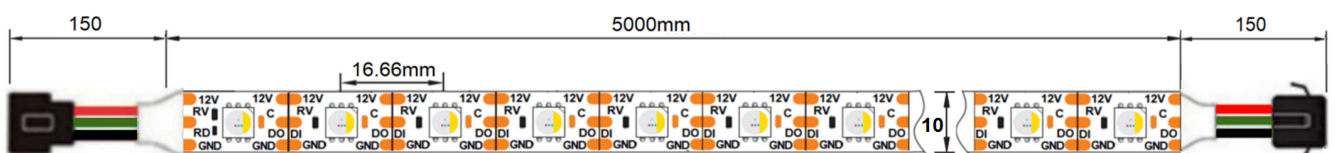
Technical data

• LED Type	SMD5050
• LED Life Span	50000hours
• LED / Qty	60leds/m
• Pixel/Qty	60Pixel/m
• IC Protocol	SK6812
• Color order	GRBW
• Input Voltage	12V DC
• Power consumption	Max 14.0W/m
• Emitting Color	RGB+3000/4000/6000K CRI90+
• PCB Thickness	3oz
• PCB Width	10mm
• PCB Color	white/Black
• IP Rate	IP20/IP65/IP67/IP68
• Unit length	16.6mm/0.65"
• lead wire	JST SM Connector
• Packaging	5M/Reel

Luminous Data

Red: 200Lm/m	Green:350Lm/m	Blue:150Lm/m
WW 3000K:375Lm/m	NW 4000K:390Lm/m	CW 6000K:390Lm/m

Physical Dimensions



12V RGBW Chip built in



SK6812 Protocol spec:

Data Format 32bit: G7-0,R7-0,B7-0,W7-0

Color order: GRBW

Timing($TH+TL \geq 1.25\mu s$)

$T0H=0.25-0.35\mu s$, $T1H=0.8-1.0\mu s$

$T0L=0.8-1.0\mu s$, $T1L=0.25-0.35\mu s$

Trst low level time $> 350\mu s$

Compatible with WS2811 Protocol

Different IP Rating(W*H) size

IP20	10mm*2.0mm
IP65	10mm*2.5mm
IP67	12.2mm*4.0mm
IP68	12.8mm*4.6mm

Disclaimer : Subject to change without no excepted. Always make sure to use the most recent release.