

DC12V dual signal project use 20pixel 60led pixel RGB led strip

advantages

- 1) Brightness >2100mcd 5050 RGB led lamp with copper bracket and gold wire.
- 2) 2OZ pure copper PCB board with 10mm width -10meter long no voltage drop.
- 3) Double membrane covering the FPCB board ,good protection.
- 4) Standard SPI protocol: LB1934Ic chipset -dual signal .
- 5) cutting unit: every 3led (50mm).
- 7) Dc12V 14.4.W/meter (max).
- 8) LED density: 60pcs RGB 5050 LED per meter ,
- 9) controller system: artnet or offline or online led controller .

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Dc12V Dual signal LB1934A 5050 RGB Pixel led strip 20pixels

60led/m

Advantages:

1. No voltage drop. 15meters with two side connect to the power . bec we use 10mm width with 2OZ pure copper PCB Board.
2. Super easy to install , save much wires cost, labor costs and time .
3. **Dual signal, one pixel broken ,no affect next one working!**
4. epistar 5050 RGB led ,60pcs per meter ,each led has Pure copper bracket and pure gold wire inside ,each led has High brightness>2100mcd
5. Double membrane covering the FPCB board, good protection
6. SPI control : TM1934 or LB1934 (20pixels/m)
7. 3 led (5cm) as one cutting part ,ect....
8. **Strong signal Signal transmission, can make 10meter long distance.**

Free sample in stock

usd 2.3 per meter with Nonwaterproof Ip20



IP rating



Model: RL-STR-LB1934A-5050RGB-60-12V

Part NO	RL-STR-LB934A-5050RGB-60-12V
Lighting Source	San an 5050RGB led
Beam Angel	120 degree
Operate Voltage	DC12V
Consumption Watt/M	14.4 Watt per meter (max)
PCB quality	Double layer 35um 35um Copper 2oz
LED quantity /M	60 LEDs per meter
Luminance (mcd)	2100MCD for one RGB 5050 led
IC chip	LB1934A(TM1934)
Cable	AWG20
Plug and cable	4pin female and male connector with 15cm cable at ends
Waterproof Grade	Ip20/65/67/68
Pcb width	10mm
warranty	2years

There is 4 Pin JST SM female/male connector on both end for signal input/output and power inputs at ends

Input: Female Connector output : male Connector



+Dc12V: Red
Data1: Green
Data2: Blue
GND: White

GND DI BI VCC

Certifications



光电特性 Electro-optical characteristics

(T_A=25°C)

参数 Parameter	符号 Symbol	测试条件 Test Condition	发光颜色 Emitted Color	数值 Value			单位 Unit
				Min	Typ	Max	
主波长 Dominant Wavelength	λ_d	I _F = 20mA	R	620	---	630	nm
			G	515	---	530	
			B	455	---	470	
正向电压 Forward Voltage	V _f	I _F = 20mA	R	1.8	---	2.4	V
			G	2.8	---	3.4	
			B	2.8	---	3.4	
发光强度 Luminous Intensity	IV	I _F = 20mA	R	500	---	650	med
			G	1000	---	1500	
			B	400	---	500	
角度 Viewing Angle	---	---	201/2	---	120	---	deg
反向电流 Reverse Current	V _R = 5V		IR	---	---	10	μA

6、波段分档 Wavelength Groups (I_F=20mA, T_A=25°C)

红光 Red	Rank	E	F	G
	WLD	615-620	620-625	625-630
绿光 Green	Rank	E	F	G
	WLD	515-520	520-525	525-530
蓝光 Blue	Rank	H	I	J
	WLD	455-460	460-465	465-470

备注: 单位 nm, 波段测试误差±1 Notes: Unit nm, Wavelength Tolerance is: ±1.

