

# LED Strip Datasheet

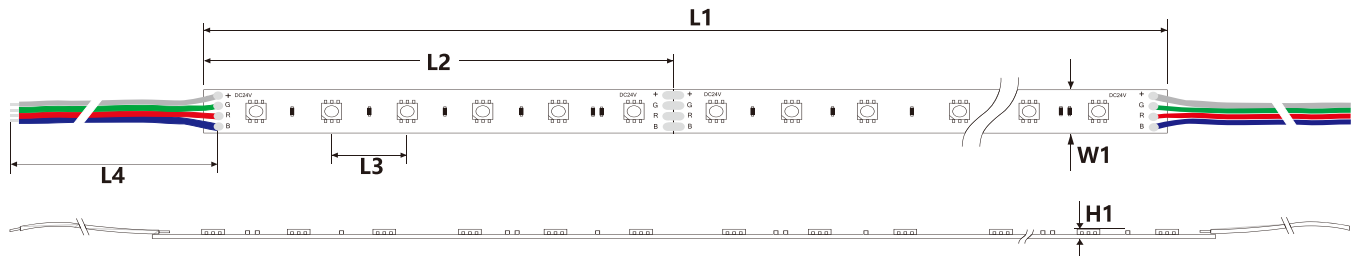
## Tunable White Series

- 14.4W per/m
- 19.2W per/m
- DC Output: 24VDC/12VDC
- Diodes: SMD3527/5050/2835
- Life Span: 50000 Hours



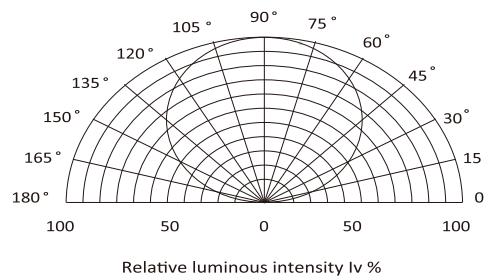
Product Code	Power [W/M]	Diodes Type	IP Rating	CCT-[Lumen/Meter]		Led Qty [LED/M]	CRI	PCB SIZE		
				WW 2700K	CW 6000K			Cutting points(mm)	Width (mm)	Height (mm)
ALSTP5050-14.4W60sR80P20	14.4	5050	IP20	640	680	60	>80	100	10	2.1
ALSTP5050-14.4W60sR90P20	14.4	5050	IP20	620	660	60	>90	100	10	2.1
ALSTP5050-14.4W60sR80P62	14.4	5050	IP62	530	560	60	>80	100	10	3.2
ALSTP5050-14.4W60sR90P62	14.4	5050	IP62	510	550	60	>90	100	10	3.2
ALSTP5050-14.4W60sR80P68	14.4	5050	IP68	530	560	60	>80	100	12.5	5.3
ALSTP5050-14.4W60sR90P68	14.4	5050	IP68	510	550	60	>90	100	12.5	5.3
ALSTP3527-19.2W120sR80P20	19.2	3527	IP20	760	800	120	>80	100	10	2.1
ALSTP2835-19.2W120sR90P20	19.2	2835	IP20	880	960	120	>90	100	10	1.4
ALSTP3527-19.2W120sR80P62	19.2	3527	IP62	630	660	120	>80	100	10	3.2
ALSTP2835-19.2W120sR90P62	19.2	2835	IP62	730	800	120	>90	100	10	3
ALSTP3527-19.2W120sR80P68	19.2	3527	IP68	630	660	120	>80	100	12.5	5.3
ALSTP2835-19.2W120sR90P68	19.2	2835	IP68	730	800	120	>90	100	12.5	5.3





FH14C-PO-G1 50ZRGB 24V60S W10L05		Tolerance
L1(mm)	5004	±10
L2(mm)	100	±1
L3(mm)	16.7	±0.2
L4(mm)	360	±5
W1(mm)	10	±0.1
H1(mm)	2.1	±0.1

### Light Distribution:



### Working Conditions:

Working Temperature (°C)	-20~50
Storage Temperature(°C)	-30~80
Voltage Range(V dc)	23 ~25
Reverse Voltage(V dc)	25

\* Exceeding maximum ratings for operating and storage temperature will reduce expected life time or destroy the LED Modules.  
 \* Exceeding maximum ratings for operating voltage will cause hazardous overload and will likely destroy the LED Modules.

## Safety Warning:

- Install in accordance with national standards and local electrical codes.
- This product must be installed and maintained by a qualified electrician.
- Only install it with Class 2 DC constant voltage driver , Do not use this product if it does not comply with Class 2 standard.
- The power of drive must meet the output of the rated power, and do not exceed the specified output power.
- Use a cable with rated temperature at least 80 ° C and be certified for external connection of the electrical equipment.
- Improper electrical installation may cause the cable to overheat and cause a fire. Please use a suitable cable between the driver, the lamp, and the controller. When selecting a wire, the voltage and current must meet the rated values.
- The LED module itself and all its components must not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- To avoid mechanical damage, the LED modules should be attached securely to the intended substrate. Heavy vibration should be avoided.
- Installation of LED modules (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Observe correct polarity! Incorrect polarity will lead to no light emission and may cause damage of the LED module.
- Parallel connection is highly recommended as safe electrical operation mode. Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED module.
- When mounting on metallic or otherwise conductive surfaces, there needs to be a electrical isolation at soldering points between module and the mounting surface.
- Pay attention to ESD steps when mounting the module.
- Please ensure that the power supply is of adequate power to operate the total load.
- Damage by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
- For applications involving exposure to humidity and dust the module must be protected by a fixture or housing with a suitable protection class.
- This product is not resistant to vulcanization, LED vulcanization damage will not be compensated . It is the responsibility of the user to provide appropriate protection against harmful sulphide components.



## Package Details:

FH14C-P0-G1 50ZRGB 24V60S W10L05

Box dimension(mm)	485x260x380
Carton dimension(mm)	360x240x240
Gross weight(Kg)	/
Net weight(Kg)	/
Bag weight(g)	/
Bag quantity(bags/carton)	25

Operation temperature:-20~50°C  
 Storage temperature:-30~80°C  
 Packing: 5meters led strip as one roll,  
 It can hold a roll of 20 meters at most,  
 one roll put into one bag,  
 packed into one carton.