

# LED Strip Datasheet



## RGB Colour Led Tape

7.2W per/m

14.4W per/m

DC Output: 24VDC/12VDC

Diodes: SMD2835/5050

Life Span: 50000 Hours

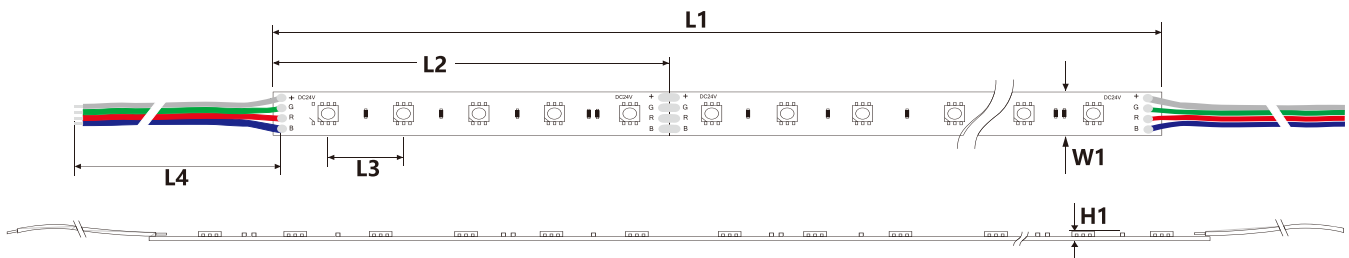


Product Code	Power [W/M]	Diodes Type	IP Rating	Led Qty [LED/M]	RGB			PCB SIZE		
					Red	Green	Blue	Cutting points(mm)	Width (mm)	Height (mm)
ALSTPRGB5050-7.2W30sP20	7.2	5050	IP20	30	60	150	40	166.7	10	2.1
ALSTPRGB5050-7.2W30sP65	7.2	5050	IP65	30	55	140	35	166.7	12	4.5
ALSTPRGB5050-7.2W30sP68	7.2	5050	IP68	30	50	120	30	166.7	12.5	5.3
ALSTPRGB5050-14.4W60sP20	14.4	5050	IP20	60	130	330	70	100	10	2.1
ALSTPRGB5050-14.4W60sP65	14.4	5050	IP65	60	120	310	60	100	12	4.5
ALSTPRGB5050-14.4W60sP68	14.4	5050	IP68	60	110	260	60	100	12.5	5.3
ALSTPRGB5050-14.4W96sP65	14.4	5050	IP65	96	120	310	60	62.5	12.5	4.3

COLLEGE Belfast

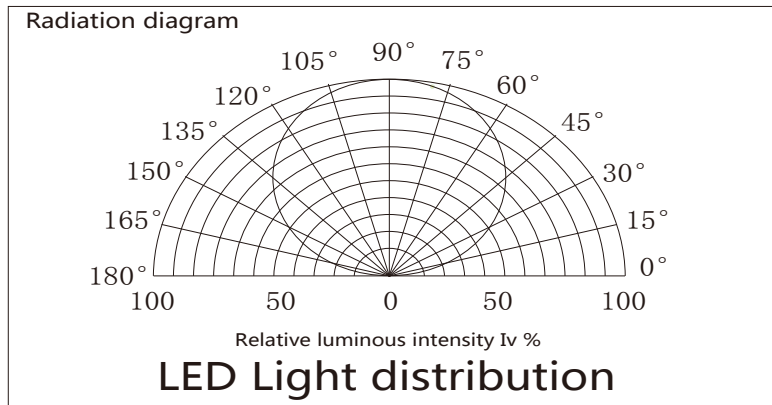


**Details:**



FH07C-P5-G1 50ZRGB 24V30S W10L05		Tolerance
L1(mm)	5010	±10
L2(mm)	166.7	±1
L3(mm)	33.3	±0.2
L4(mm)	360	±5
W1(mm)	12	±0.1
H1(mm)	4.5	±0.1

**Lamps and lanterns light intensity curve**



**Working Conditions:**

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

## 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

	FH07C-P5-G2 50ZRGB 24V30S W10L05	FH14C-P5-G2 50ZRGB 24V60S W10L05
Box dimension(mm)	485x260x380	485x260x380
Carton dimension(mm)	360x240x240	360x240x240
Gross weight(Kg)	/	/
Net weight(Kg)	/	/
Bag weight(g)	/	/
Bag quantity(bags/carton)	15	15