RoHS COMPLIANT FC CE (EMC, R&TTE)

■ Features

· Dirven by constant voltage DC12V, safe and reliable
· High birghtness LED, wide beam angle, low lumen deprecation
· Dimmable with LED strip light controller
· IP 65 design
· 2 years warranty

■ Applications

· LED decorative lighting
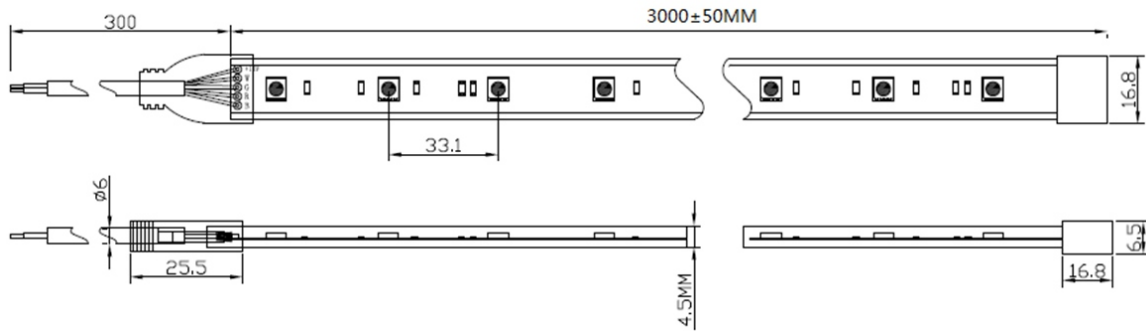· LED indoor lighting

■ Description

IRL-RGBW-01 is a LED strip module utilizing 5050 SMD package and the FPC PCB as the substrate. It is highly flexible and easily bendable, rated IP65 and anti-UV. The brightness and color of the module can be adjusted by the means of a RGBW controller. It perfectly fits various types of LED decorative lighting applications.
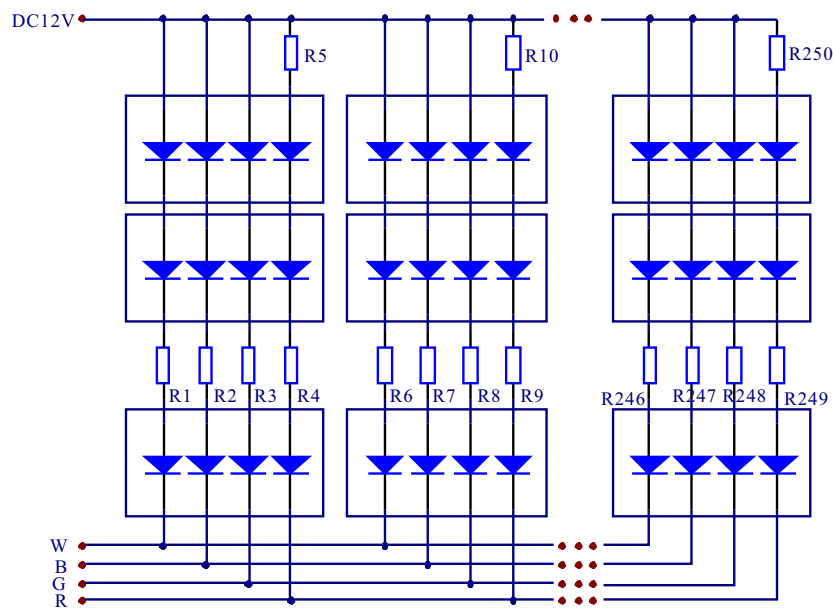
SPECIFICATION

MODEL	IRL-RGBW-01
DIMENSION	3000×16.8×6.5mm (L*W*H)
COLOR	RGBW
BEAM ANGLE	120°
LED PACKAGE	5050(four color)
LED QUANTITY	30 LEDs/m
LUMINOUS FLUX	415lm/m
WAVELENGTH OR COLOR TEMPERATURE	R:620-630nm G:515-525nm B:460-470nm W:5500-6500K
RATED WORKING VOLTAGE	DC12V
RATED INPUT POWER	9.6W/m
WORKING TEMPERATURE	-20°C~ +45°C
IP LEVEL	IP 65
PACKING	0.13Kg,36pcs/8.5Kg/44x40x26cm
NOTE : The luminous flux is allowed to float with + 10%.	

■ **Mechanical Specification**
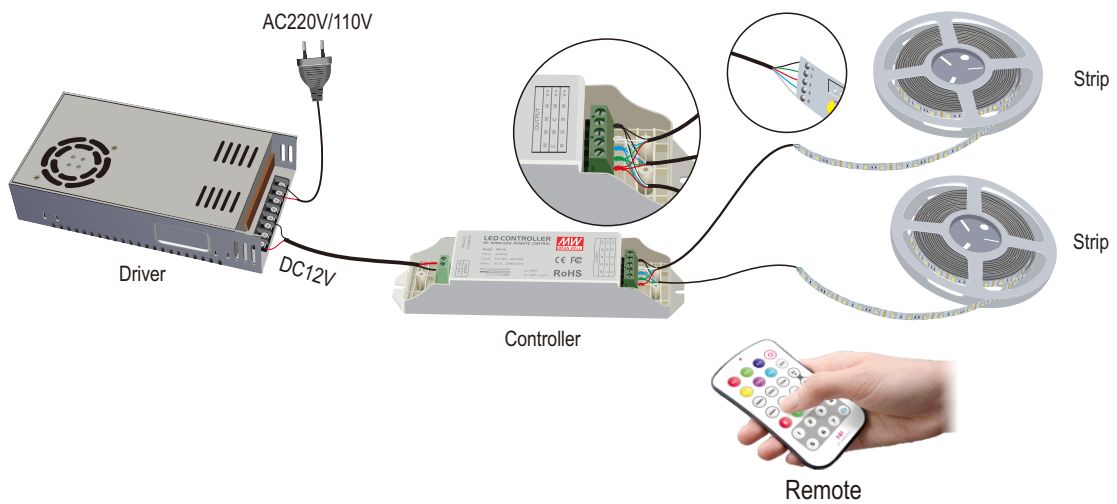
Unit:mm

■ **Circuit Diagram**

■ **Configuration for Brightness Adjustment**

■ **Cautions**

· Cautiously route all wires so they cannot be easily pulled out, pinched or damaged.
· Do not press on the LEDs or other components on the strip.
· Do not twist and bend less than 60mm diameter.
· Do not install the product in an environment, with direct exposure to sunshine, water,oil or corrosion.
· Ensure that the mounting surface is clean, dry and free from oil, grease or wax.
· For the best effect, the power wire of each LED strips should be connected to the driver.
· The power rating of the driver is suggested to be at least 20% higher than the total required wattage of the strip(s) being powered.
· Do not drive the strip before completely releasing it from the reel.
· Switch OFF power at the mains before installing the LED strip. Check the supply voltage and wire connections before switching the power on.