

## ***Product Specifications***

### **RGB LED controller**

### **NEO-BCM12B**



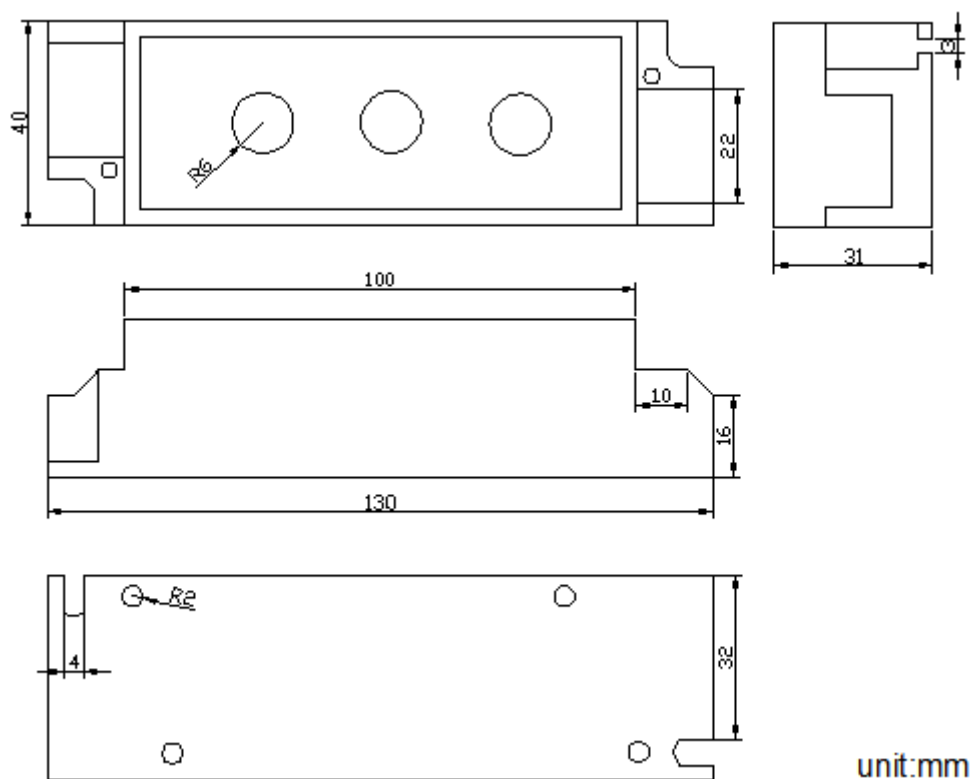
### **Summarization**

Common 6key controller adopts the advanced micro-control unit, it is used for controlling a variety of lamp whose source of light is LED. For instance, point source of light, flexible strip light, wall washer lamp, glass curtain wall light and so on; It has many advantages such as easy connection and simplicity to use; According to the actual need of customers, it can carry out gradual change, stroboflash and other effects of change.

### **Technical parameters**

- working temperature: -20-60 °C
- supply voltage: DC5V, 12V, 18V, 24V < optional > ( supply voltage should be marked on order )
- output: 3 channels
- external dimension: L130 X W40 X H31 mm
- packing size: L140 X W50 X H60 mm
- net weight: 85 g
- gross weight: 110 g
- static power: <1W
- output current: <3A( each channel )
- output power: 5V<45W, 12V<108W, 24V<216W

## External Dimension



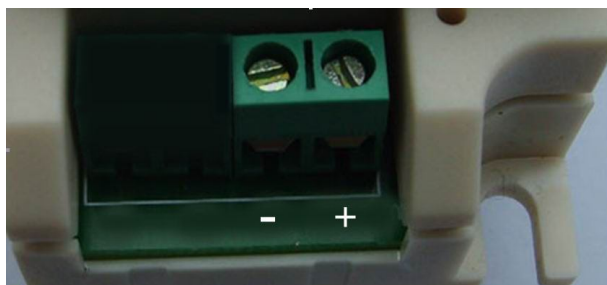
## Interface Specifications

Power input interface:



Adopt male and female connector with screw.

Load output interface:



Adopt male and female connector with screw.

## Direction for Use

1. Connect the load wire at first, following by the power wire; **Please ensure short circuit can not occur between connecting wire before you turn on the power;**
2. There are six keys on the controller panel, the function of each key as follows:  
 ON/OFF: you could turn on/off controller at any time;  
 MODE: the color change button,  
 B+: A brightness control button, the step of the brightness add 1 by each pressing, a total of 256 steps;  
 B-: The step of the brightness subtract 1 by each pressing;  
 S+: The step of the speed change add 1 by each pressing, a total of 100 steps.  
 S-: The step of the speed change subtract 1 by each pressing.
3. Standard changes function as the following form:

No	Pattern	Remarks	No	Pattern	Remarks
1	Static red	The brightness is adjustable, The speed is unadjustable .	12	Red Strobe flash	Both the brightness and speed are adjustable .
2	Static blue		13	Blue Strobe flash	
3	Static purple		14	Purple Strobe flash	
4	Static green		15	Green Strobe flash	
5	Static yellow		16	Yellow Strobe flash	
6	Static cyan		17	Cyan Strobe flash	
7	Static white		18	White Strobe flash	
8	3 color jumpy changing	Both the brightness and speed are adjustable .	19	Alternating red and blue gradient	The brightness is unadjustable, The speed is adjustable .
9	7 color jumpy changing		20	Alternating blue and green gradient	
10	3 color gradual changing	The brightness is unadjustable, The speed is adjustable .	21	Alternating green and red gradient	
11	7 color gradual changing				

