



# 昕燁達科技有限公司

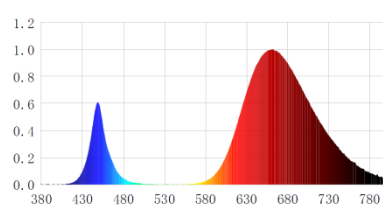
## NEW WONDER Technology Co., Ltd.

### LB2835-06/1208GL12/24 Grow Light LED Strip 植物燈帶

BENEFITS	APPLICATIONS
A. Shapes and bends to plants with optimized light spectrum	A. Interior farming or gardening
B. Idea for plants	B. Area where plants need to grow better
C. Combined 450nm and 660nm present PINK light	C. Agricultural research center
D. Stronger stickiness 3M 200MP twin adhesive tape on the back	D. Area where plants need to resupply sun light
E. Low power consumption and heat	E. Area where plants need to control the volume of sun light
F. Long life of LEDs	F. Plants factories
G. Can be cut every 3 LEDs for DC12V model or every 6 LEDs for DC24V model	
H. The maximum distance between Growing light strip is 0.5M	

### Specifications

Model	LB2835-0608GL12	LB2835-1208GL12	LB2835-0608GL24	LB2835-1208GL24	Picture
Input Voltage	DC12V		DC24V		
Input Current	0.5A		0.25A		
Power Consumption	6W/M	12W/M	6W/M	12W/M	
Minimum Cutting Length	5cm	2.5cm	10cm	5cm	
	Every 3 LEDs		Every 6 LEDs		
LED Strip Length	5M/Reel				
LED Type	SMD2835				
LED Quantity/M	60pcs	120pcs	60pcs	120pcs	

Minimum Cutting	50mm	25mm	50mm	25mm	<p style="text-align: center;">Light Spectrum</p> 
Wave Length	Combination 660nm/450nm present pink light				
Luminance Angle	120°				
Dimensions	5000*8mm				
IP	20				
Operating Temp.	-20~40°C				
Life Span	20000Hrs				
Certifications	CE/RoHS				
Package Information					
Reel	5"*8mm				
PE Bag	160*187mm				
Weight	67g	74g	67g	74g	

## IMPORTANT INSTRUCTIONS

1. Never nail or use staples.
2. Never apply compress or walk or twist on strip.
3. Only power with Class 2 power source, NEVER plug into 100V AC or above, the product requires optional Class 2 transformer.
4. Apply to surface at room temperature. Never apply to Surface temperature above 40°C.
5. Do not power when rolled.
6. Only install on **smooth flat dry and clean** surface.
7. Do not damage the print circuit. Exposed wires can cause short circuit damage product and creating serious hazard.
8. Make sure all connections are tight to reduce the risk of fire and overheating.
9. Do not exceed or extend the length of the roll of product.
10. Correct polarity is imperative.
11. Do not install on flammable (below the flash point 80°C) material or possibility of in the future.
12. Check the correct voltage specification before supplying power.
13. Keep light strip spaced at least 1cm apart if placing next to each other.
14. The light strip maximum bend radius is 5cm on one flat plane. Do not bend sideways or twist the light strip.

15. Soldering temperature can not exceed 250°C for Max of 4 seconds. Use 22 AWG wire to connect.
16. Use correct wiring as required by local electrical code. Cable lighting systems not be installed in bathroom.
17. Do not stare directly into the LED light.
18. Voltage drop is a normal loss that occurs in low voltage systems. Wire length and thickness both influence the amount of voltage drop. Consulting to qualified electrician or engineer for detail

## TROUBLESHOOTING

### Tape light strip does not work

- Make sure your power supply is turned on and has the correct voltage.
- Check all connections from the power supply to the light strip.
- Confirm you have the correct polarity (+ to + and – to –).
- Testing with a multi meter meter to ensure light strip is receiving the correct DC voltage.

### Strip lights blink on, then go off

- ✧ The power supply is not adequate for the length of light strips you are powering. Install a adequate listed Class 2 power supply.

### LEDs farthest from the power supply are noticeably dimmer

- ✧ This is the classic result of voltage drop. Use thicker power feed wires between power supply and the light strips or decrease the length of the power feed.

