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› YM E-Bright Blue LED Strip Lights (Model FBA-EB-5M-600-B) Instruction Manual

YM E-Bright FBA-EB-5M-600-B

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1. PRODUCT OVERVIEW

The YM E-Bright Blue LED Strip Lights (Model FBA-EB-5M-600-B) are a versatile lighting solution designed for both indoor and outdoor applications. This 5-meter (16.4 ft) strip features 600 blue LEDs, providing bright illumination. Constructed with solid silicone, it boasts an IP68 waterproof rating, allowing it to function reliably even underwater. The strip operates on a DC 12V power supply (not included) and can be cut at designated intervals for custom lengths.

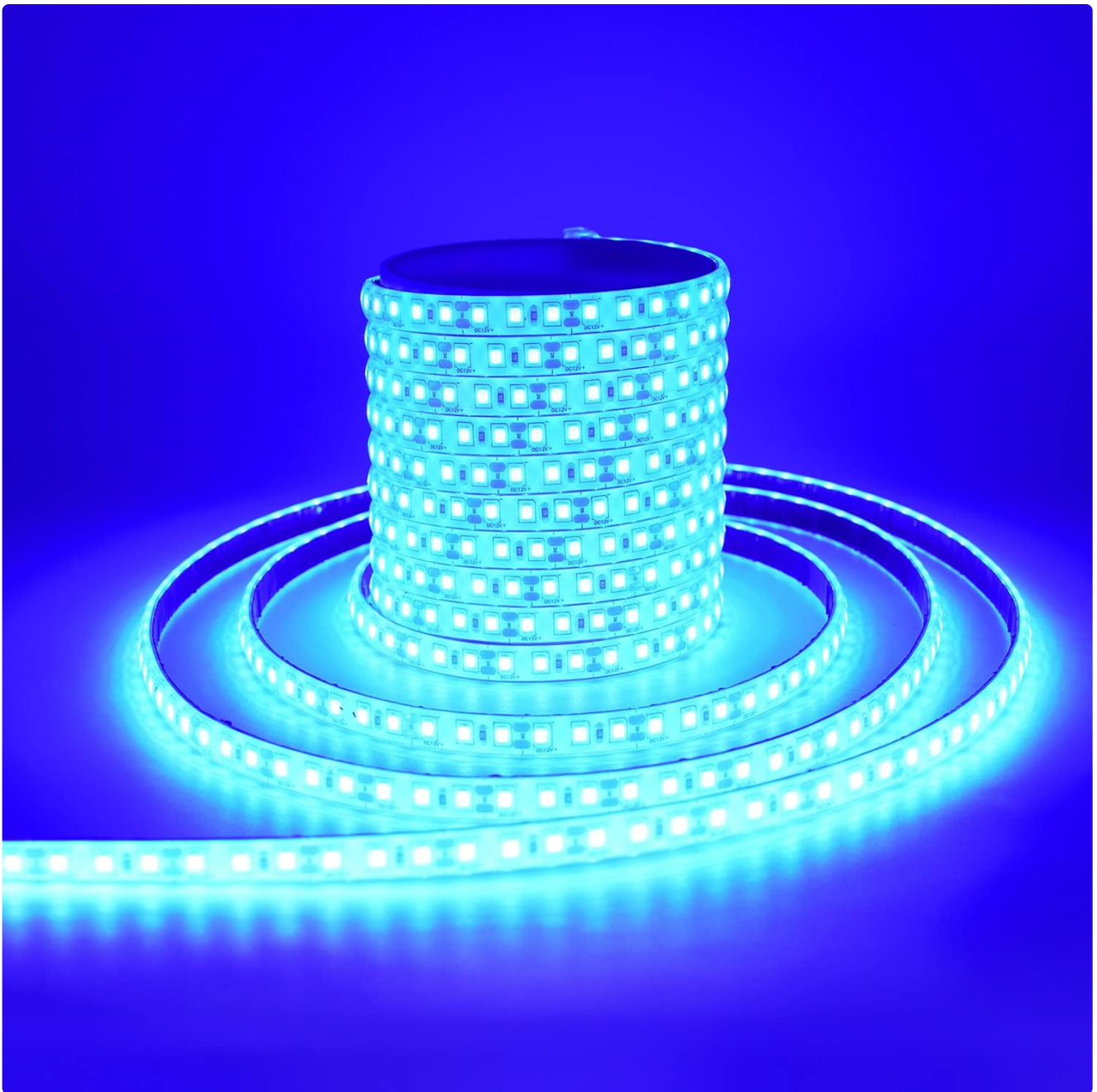


Image: A coiled YM E-Bright Blue LED Strip Light, showcasing its vibrant blue illumination.

2. SAFETY INFORMATION

- **Power Supply:** This product requires a DC 12V 5A power adapter, which is not included. Ensure the power adapter used meets these specifications to prevent damage or malfunction.
- **Unroll Before Use:** Always unroll the entire LED strip before connecting it to a power supply. Operating the strip while coiled can lead to overheating and potential damage.
- **Electrical Safety:** Do not connect the LED strip directly to AC power. Only use a compatible DC 12V power adapter. Avoid exposing electrical connections to water unless properly sealed.
- **Cutting:** Only cut the LED strip at the designated cut marks (every 3 LEDs). Cutting elsewhere will damage the circuit and render that section unusable.
- **Installation Surface:** Ensure the installation surface is clean, dry, and free of dust or oil for optimal adhesive performance.
- **Children and Pets:** Keep the product and its components out of reach of children and pets.

3. PACKAGE CONTENTS

The package includes the following items:

- 1 Roll x 5 meter (16.4 ft) Blue 12V Waterproof IP68 LED Tape Light Strip
- 6 x Fixing Clips
- 6 x Screws for fixing clips
- 2 x Cleaner Helper (surface preparation wipes)

Note: A power adapter is not included and must be purchased separately (DC 12V 5A recommended).

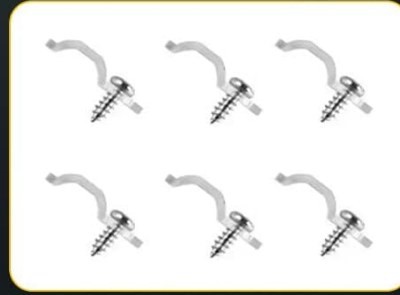
4. SETUP AND INSTALLATION

Follow these steps for proper installation of your LED strip lights:

1. **Pre-Installation Test:** Before permanent installation or cutting, connect the LED strip to a compatible DC 12V 5A power adapter (not included) and test its functionality to ensure it is working correctly.
2. **Surface Preparation:** Clean the desired installation surface thoroughly using the provided cleaner helper wipes or a suitable degreaser. Ensure the surface is completely dry before proceeding. This step is crucial for strong adhesive bonding.
3. **Adhesive Application:** Carefully peel off the backing from the self-adhesive tape on the back of the LED strip. Press the strip firmly onto the prepared surface, ensuring even contact along its entire length.
4. **Cutting (Optional):** If a shorter length is required, locate the designated cut marks on the LED strip (typically indicated by a scissor icon or copper pads). Cut only at these marks. Cutting elsewhere will damage the circuit.
5. **Secure with Fixing Clips:** For enhanced stability, especially on uneven surfaces or in outdoor/marine environments, use the provided fixing clips and screws. Space the clips evenly along the strip for secure attachment.
6. **Connect Power:** Connect the LED strip to your DC 12V 5A power adapter (not included). Ensure the polarity is correct.



Package includes:
1 X 5M/ 16.4Ft light strip
6 X Fixing clips & screws



1. Wipe the surface



2. Stick strip light



3. Cut the exceeded Length



4. More stable with fixing clips

Image: A visual guide illustrating the installation process, including surface wiping, sticking the strip, cutting, and securing with clips.

5. OPERATION

The YM E-Bright Blue LED Strip Lights are designed for straightforward operation. Once properly installed and connected to a compatible DC 12V 5A power adapter (not included), the lights will illuminate when power is supplied to the adapter. There is no integrated APP or remote control functionality with this specific model. Operation is controlled directly by the power source (e.g., plugging/unplugging the adapter, or using an external switch connected to the power adapter).

6. MAINTENANCE

- **Cleaning:** To clean the LED strip, gently wipe it with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners that could damage the silicone coating.
- **Waterproof Rating:** The IP68 rating indicates the strip is highly resistant to dust and water, including submersion. However, ensure all electrical connections (especially the power input) are properly protected and

not exposed to water unless specifically designed for such conditions.

- **Inspection:** Periodically inspect the strip for any signs of wear, damage, or loose connections, especially in outdoor or marine environments.

7. TROUBLESHOOTING

If you encounter issues with your YM E-Bright Blue LED Strip Lights, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Lights do not turn on	No power, incorrect power adapter, loose connection, incorrect polarity.	Ensure power adapter is plugged in and functional. Verify it is a DC 12V 5A adapter. Check all connections for tightness. Reverse polarity if necessary.
Lights are flickering	Unstable power supply, loose connection, underpowered adapter.	Ensure power adapter meets DC 12V 5A specification. Check all connections. Try a different power adapter if available.
Adhesive is not sticking	Surface not clean/dry, unsuitable surface texture, insufficient pressure during application.	Thoroughly clean and dry the surface before re-applying. For textured or difficult surfaces, use the provided fixing clips or additional adhesive (e.g., 3M double-sided tape, silicone sealant).
Section of the strip is not lighting up	Damage from improper cutting, internal circuit damage.	Ensure cuts were made only at designated marks. If damage is suspected, contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	FBA-EB-5M-600-B
Color	Blue
Length	5 meters (16.4 feet)
LED Quantity	600 LEDs (120 LEDs/meter)
Waterproof Rating	IP68 (Can work underwater)
Voltage	DC 12V
Working Power	72W/5M (approx. 5 watts listed in specs, 72W in feature bullets, 72W/5M is more consistent with 6A at 12V)
Current	6A (for 5M)
Luminous Flux	Approximately 3500 Lumen
Material	Solid Silicone
Operating Temperature	-20 to 50°C

Feature	Specification
Average Life	50,000 Hours
Cuttable	Yes, every 3 LEDs

9. WARRANTY AND SUPPORT

This product is subject to a 30-day return/replacement policy. For any quality problems with the LED light strips, please contact YM E-Bright customer support for assistance. The manufacturer, YM E-Bright, has over 10 years of experience in LED lighting products and aims for customer satisfaction.

For further inquiries or support, please refer to the seller's contact information on the purchase platform.