

NANLITE FORZA300BFLST

Nanlite Forza 300B II LED Spotlight User Manual

Model: FORZA300BFLST | Brand: NANLITE

1. INTRODUCTION

Thank you for choosing the Nanlite Forza 300B II LED Spotlight. This professional-grade bi-color LED light is engineered for exceptional performance, portability, and versatility, making it an ideal tool for content creators, photographers, and filmmakers. This manual provides essential information for the safe and effective operation of your new lighting kit.

The Forza 300B II offers impressive output, precise color control, and a range of advanced features, all housed in a compact and durable design. Its intuitive controls and app compatibility ensure a seamless user experience.

2. WHAT'S IN THE BOX

Your Nanlite Forza 300B II LED Spotlight kit includes the following components:

- Nanlite Forza 300B II LED Spotlight Fixture
- FL-20G Fresnel Lens
- Control Unit (37% smaller than previous models)
- 55-degree Reflector (Bowens Mount)
- Power Cables
- Head Cables
- Rolling Case with Collapsible Handle



The Nanlite Forza 300B II kit neatly packed in its rolling case.



All components of the Nanlite Forza 300B II kit, including the light, control unit, cables, and accessories.



Front view of the durable rolling case for the Forza 300B II kit.



Side view of the rolling case, highlighting its compact design and handle.

3. SETUP

1. **Unpack Components:** Carefully remove all items from the rolling case.
2. **Mounting the Light:** Attach the Forza 300B II fixture to a compatible light stand using its upgraded yoke. The stepless, one-sided lock allows for easy positioning, and the curved yoke provides more tilting range for large modifiers. An umbrella mount is also integrated.
3. **Attach Modifier:** Secure the included 55-degree reflector or the FL-20G Fresnel lens to the Bowens Mount on the front of the light fixture.
4. **Connect Control Unit:** Connect the head cable from the light fixture to the Control Unit.
5. **Powering On:**

- **AC Power:** Connect the power cable from the Control Unit to a suitable AC power outlet.
- **V-Mount Batteries (Sold Separately):** For portable operation, attach one or two V-Mount batteries to the side-mounted battery plates on the Control Unit. The unit can run on a single battery.



The Forza 300B II mounted on a light stand, ready for operation.

4. OPERATING INSTRUCTIONS

The Forza 300B II offers multiple control methods for flexibility in various production environments.

4.1. On-Board Controls

The Control Unit features an intuitive interface for direct adjustments:

- **Power Button:** Turns the unit on/off.
- **Dimmer Knob:** Adjusts the brightness intensity from 0% to 100%.
- **Color Temperature Knob:** Adjusts the bi-color temperature (e.g., 2700K to 6500K).
- **G/M Adjustment:** Utilize the dedicated controls to fine-tune the green-to-magenta shift by +/- 80, ensuring precise color rendition.
- **FX Mode Button:** Cycles through 12 built-in practical effects (e.g., Storm, TV, Paparazzi, Firework).
- **Menu/Select Button:** Navigates through settings and confirms selections on the display.

4.2. NANLINK App Control (Bluetooth)

For advanced control and convenience, download the free NANLINK app for iOS and Android devices.

1. Ensure Bluetooth is enabled on your mobile device.
2. Open the NANLINK app and follow the on-screen instructions to pair with your Forza 300B II.

3. Once connected, you can remotely control brightness, color temperature, G/M shift, and access all practical effects.

4.3. DMX/RDM Control

The Forza 300B II features locking DMX ports for integration into professional lighting setups. Refer to the DMX chart in the full technical manual (available on the Nanlite website) for detailed channel assignments.

4.4. 2.4G Wireless Control

The built-in 2.4G receiver allows control with optional accessories such as the WS-RC-C2 Remote Control or the WS-TB-1 Transmitter Box for larger setups (both sold separately).

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the light fixture and control unit. For the glass-covered COB, use a lens cleaning cloth. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the light and its accessories in the provided rolling case to protect them from dust, moisture, and physical damage.
- **Firmware Updates:** The integrated USB port allows for future firmware updates to add new features and improve performance. Check the Nanlite official website for the latest firmware versions and instructions.
- **Cable Care:** Ensure all cables are properly coiled and stored to prevent kinks or damage.

6. TROUBLESHOOTING

- **Light Not Turning On:**
 - Check all power connections (AC cable, head cable, battery connection).
 - Ensure the power outlet is functional.
 - If using batteries, confirm they are charged and properly seated.
- **No App Connection:**
 - Ensure Bluetooth is active on your mobile device and the light.
 - Restart the NANLINK app and the light fixture.
 - Ensure your device is within Bluetooth range.
- **Unusual Noise:** The Forza 300B II is designed for quiet operation (9 dBA quieter than previous models). If you hear unusual fan noise, ensure the fan vents are not obstructed.
- **Inconsistent Output/Color:** Verify all cables are securely connected. If issues persist, perform a factory reset (refer to the full manual for instructions) or contact Nanlite support.

7. SPECIFICATIONS

Brand	NANLITE
Model Number	FORZA300BFLST
Product Dimensions	13 x 9 x 4.84 inches
Item Weight	43 pounds

Connectivity Technology	Wired, Wireless (Bluetooth, 2.4G, DMX)
Flash Modes Description	Adjustable brightness, adjustable color temperature, 12 built-in effects
Color Accuracy	SSI: 84 (3200K), 73 (5600K); CRI: 96; TLCI: 97
Output (1m, 5600K)	68060 Lux (6323 fc) with 55-degree reflector; 151000 Lux (14028.3 fc) with FL-20G Fresnel

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please visit the official Nanlite USA website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: Nanlite

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