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YONGNUO YN360

YONGNUO YN360 LED Video Light User Manual

Model: YN360

Product Overview

The YONGNUO YN360 is the first LED video light to combine full-color RGB SMD lamps with traditional LED lamp beads. It features 40 RGB SMD lamps and 320 LED lamp beads (160 at 3200K and 160 at 5500K), allowing for versatile color and temperature adjustments. Designed for ease of use and diverse creative applications, the YN360 offers stable and reliable lighting intensity through YONGNUO's developed LED constant current driving technology. Key features include:

- **RGB Full Color and Dual Modes:** Offers full RGB color control via mobile app, alongside 3200K and 5500K color temperature modes.
- **High Color Rendering Index (CRI 95+):** Ensures accurate and natural color reproduction.
- **APP Remote Control:** Control light settings wirelessly via a dedicated mobile application.
- **Ultra-long Illumination Angle:** The 39.5cm panel length provides wide and even light distribution.
- **Dual Power Supply Modes:** Supports Sony NP-F series lithium batteries and external DC power supply.



Figure 1: YONGNUO YN360 LED Video Light. This image shows the full length of the light stick, highlighting its slim profile and LED array.

Setup

1. Power Supply

The YN360 supports two power supply methods:

1. **Sony NP-F Series Lithium Battery:** Insert a compatible Sony NP-F series lithium battery into the battery holder at the base of the light. (Battery not included). For optimal performance, YONGNUO NP-F750 lithium battery is recommended, providing approximately 2 hours of use at highest brightness for 3200K/5500K modes, and 4 hours for RGB full color mode.
2. **External DC Power Supply:** Connect an external DC power adapter (8V 5A) to the DC input port for extended use. (AC adapter not included). Do not use notebook power supplies.



Figure 2: Dual Power Supply Options. This image illustrates the battery compartment for NP-F series batteries and the DC input port for external power.

2. Mounting

The YN360 features a 1/4-inch screw hole at the bottom, allowing it to be mounted on a light stand, tripod, or other compatible accessories.



Figure 3: Key Components and Controls. This diagram points out the LED beads, battery holder, LED screen, RGB adjustment, fine/coarse adjustment knob, battery status indicator, color temperature controls, and the 1/4" screw hole for mounting.

Operating Instructions

1. Power On/Off and Mode Selection

Locate the power switch/brightness adjustment knob. Press the knob to turn the unit on or off. The YN360 operates in two main modes: RGB full color mode and 3200K/5500K color temperature mode. Use the dedicated mode switch button to toggle between these modes.

2. Adjusting Brightness and Color Temperature

In 3200K/5500K mode, rotate the adjustment knob to control the brightness. The LED digital display will show the current power output. The encoder digital dimming mode allows for both coarse and fine adjustments for precise control. To change the color temperature, use the dedicated buttons for 3200K and 5500K. The YN360 allows for a blend of these two temperatures to achieve desired white light tones.

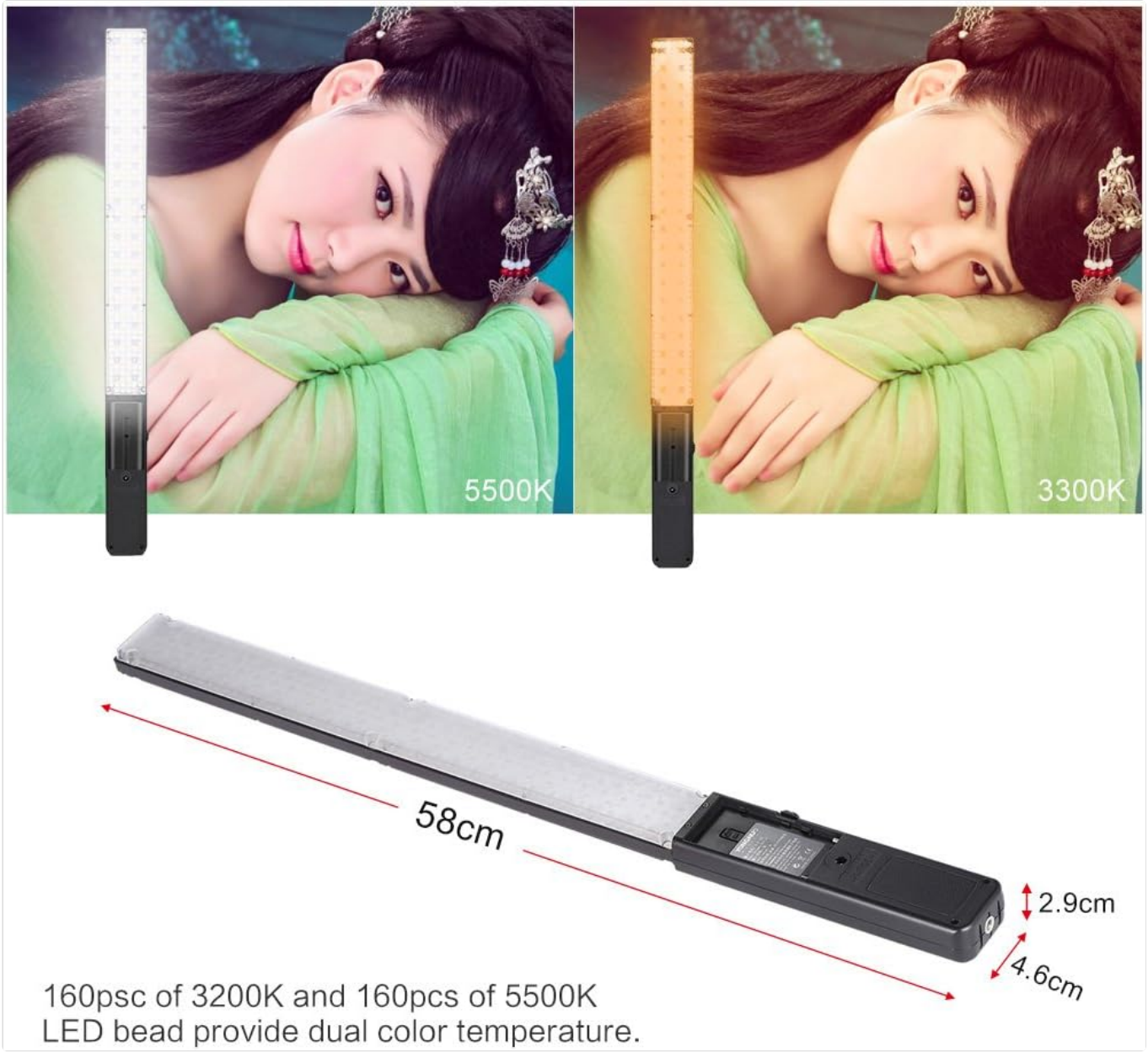


Figure 4: Color Temperature Demonstration. This image shows the YN360 light stick illuminating a subject at 5500K (cool white) and 3300K (warm white) color temperatures.

3. RGB Full Color Adjustment

When in RGB full color mode, the 40 RGB SMD lamps provide a wide spectrum of colors. You can adjust the color manually using the RGB adjustment controls on the unit, or for more precise control, use the mobile application.



Figure 5: RGB Color Spectrum. This image displays the YN360 producing various vibrant RGB colors, including red, pink, cyan, blue, orange, and yellow.

4. APP Remote Control

The YN360 supports remote control via a mobile application. Download the official YONGNUO APP from their website or by scanning the QR code provided on the product packaging. The app allows for comprehensive control over color, brightness, and modes, with a remote control distance of up to 15 meters.

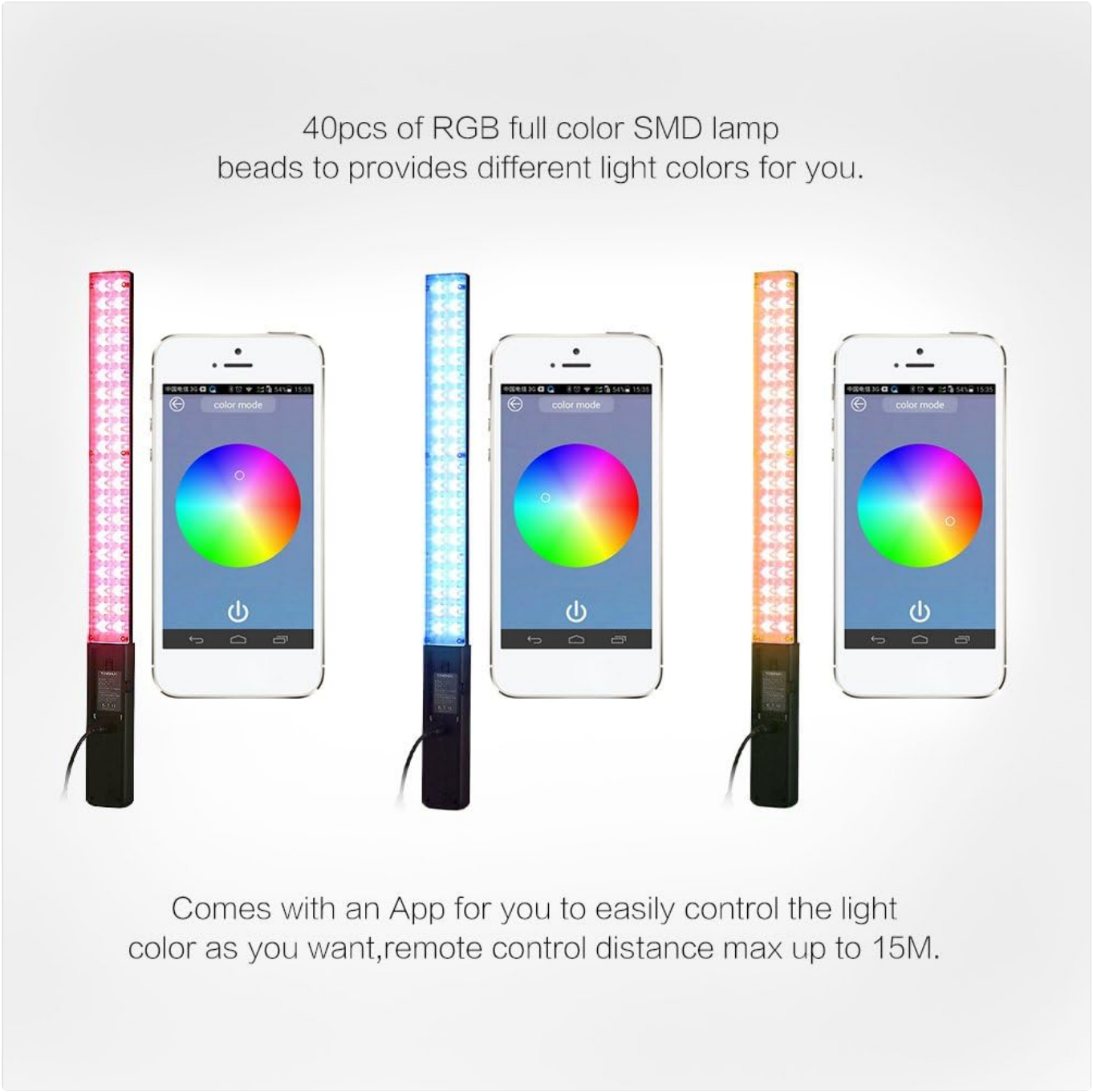


Figure 6: Mobile App Control Interface. This image shows the YN360 light sticks being controlled by a smartphone app, demonstrating the color wheel interface for easy color selection.

Maintenance

To ensure the longevity and optimal performance of your YONGNUO YN360 LED Video Light, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the light. For stubborn marks, a slightly damp cloth can be used, but ensure no moisture enters the device. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the YN360 in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided carrying case for protection during transport and storage.
- **Battery Care:** If using NP-F series batteries, ensure they are charged regularly and stored in a cool, dry place when not in use. Avoid fully discharging batteries for extended periods.
- **Handling:** Handle the light with care to prevent physical damage. Avoid dropping the unit or exposing it to strong impacts.



Figure 7: Product and Accessories. This image shows the YN360 light stick, an orange diffusion filter, and the soft black carrying case, emphasizing proper storage and transport.

Troubleshooting

If you encounter issues with your YONGNUO YN360, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	Low or dead battery; incorrect external power supply; loose connection.	Ensure battery is fully charged or replace with a charged one. Verify external DC power supply is 8V 5A and properly connected. Check all connections.
App cannot connect to the light.	Bluetooth not enabled; app not updated; light too far from device.	Ensure Bluetooth is enabled on your mobile device. Update the YONGNUO app to the latest version. Move closer to the light (within 15m). Restart both the light and the app.
Inconsistent brightness or color.	Low battery; interference; internal issue.	Charge or replace the battery. Move away from potential sources of electromagnetic interference. If the problem persists, contact customer support.

If the issue is not resolved by the above steps, please contact YONGNUO customer support for further assistance.

Specifications

Feature	Detail
Model	YN360
Product Dimensions	2.9 x 25.2 x 2.9 inches (approx. 7.3 x 64 x 7.3 cm)
Item Weight	1.65 pounds (approx. 0.75 kg)
Color Temperature	3200K - 5600K (adjustable) + RGB Full Color
Color Rendering Index (CRI)	≥ 95
LED Lamp Beads	160 (3200K), 160 (5500K), 40 (RGB SMD)
Power Supply	Sony NP-F series lithium battery (not included) or External DC 8V 5A (not included)
Battery Life (NP-F750)	Approx. 2 hours (max brightness 3200K/5500K), 4 hours (RGB full color)
Connectivity Technology	Bluetooth (for APP remote control)
Manufacturer	HK YONGNUO LIMITED
First Available Date	March 17, 2016

Warranty and Support

YONGNUO products are manufactured to high quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official YONGNUO website. Keep your purchase receipt as proof of purchase.
For technical support, troubleshooting assistance, or service inquiries, please contact YONGNUO customer support through their official channels. Contact information can typically be found on the YONGNUO website or in the product packaging.

What's in the Box

The YONGNUO YN360 LED Video Light package typically includes:

- YONGNUO YN360 LED Video Light
- User Manual
- Soft Carrying Case
- Orange Diffusion Filter (may vary by package)

Note: Batteries and external DC power adapters are typically sold separately.

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