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NANLITE PJFMMLENS11

Nanlite Forza 10° Lens User Manual

Model: PJFMMLENS11

INTRODUCTION

This manual provides essential information for the proper use, setup, and maintenance of your Nanlite Forza 10° Lens. This lens is designed for use with the Nanlite PJ-FMM Projection Attachment (sold separately) and compatible Nanlite FM-Mount LED Spotlights.

Please read this manual thoroughly before operating the product to ensure optimal performance and safety.

PRODUCT OVERVIEW

The Nanlite Forza 10° Lens is a specialized optical accessory designed to concentrate light output and provide a narrow, long-throw beam. It is an interchangeable lens for the Nanlite PJ-FMM Projection Attachment.



Figure 1: Components included with the Nanlite Forza 10° Lens. Shown are the 10° lens itself, a gel frame, and a soft carrying case with a drawstring closure.



Figure 2: All components of the Nanlite Forza 10° Lens kit, including the lens, gel frame, and soft case, arranged on a flat surface.

SETUP AND INSTALLATION

This lens requires the Nanlite PJ-FMM Projection Attachment (sold separately) for operation. Ensure you have this attachment before proceeding.

Attaching the 10° Lens to the PJ-FMM Projection Attachment

1. Ensure the PJ-FMM Projection Attachment is securely mounted to a compatible Nanlite FM-Mount LED Spotlight and powered off.
2. If another lens is currently installed on the PJ-FMM, locate the single screw that secures it. Unscrew and remove the existing lens.
3. Carefully align the Nanlite Forza 10° Lens with the opening on the PJ-FMM Projection Attachment. The lens has a specific orientation; ensure it slides in smoothly.
4. Once aligned, insert the securing screw and tighten it to firmly hold the 10° lens in place. No tools are required for this

step.



Figure 3: Detail of the 10° lens, highlighting the "10°" marking and a "Caution Hot Surface" warning, indicating proper handling after use.

Compatibility Examples

The 10° lens is compatible with various Nanlite FM-Mount LED Spotlights when used with the PJ-FMM Projection Attachment. Examples include:

- Forza 60C
- Forza 60B II
- Forza 60 II
- Forza 150B
- FS-60B
- FC-60B
- FC-120B



Figure 4: The Nanlite FC-60B LED spotlight with the PJ-FMM Projection Attachment and the 10° lens installed, ready for use on a light stand.



Figure 5: The Nanlite Forza 60C LED spotlight with the PJ-FMM Projection Attachment and the 10° lens installed, demonstrating a full setup.

OPERATING INSTRUCTIONS

The Nanlite Forza 10° Lens is designed to enhance the light output and beam control of your Nanlite FM-Mount LED

spotlight when used with the PJ-FMM Projection Attachment.

Key Features and Benefits

- **Long Throw:** Provides impressive long-distance projection with a narrow beam, ideal for lighting distant subjects or creating focused effects.
- **Increased Output:** The optical design concentrates light, significantly increasing the effective output of the attached fixture.
- **Heat Efficient:** Constructed from durable nylon, the lens and projection attachment dissipate heat effectively, allowing for safe handling after operation.
- **Interchangeable:** Designed for quick and tool-free lens swapping on the PJ-FMM Projection Attachment.

Using the Gel Frame

A gel frame is included with the lens. This frame allows you to insert color gels or diffusion materials to modify the light output. To use, simply slide the gel into the frame and then insert the frame into the designated slot on the PJ-FMM Projection Attachment.

CARE AND MAINTENANCE

Proper care will ensure the longevity and optimal performance of your Nanlite Forza 10° Lens.

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the lens surfaces. For stubborn smudges, a small amount of lens cleaning solution designed for optical glass can be applied to the cloth, not directly to the lens.
- **Storage:** When not in use, store the lens in its included soft case to protect it from dust, scratches, and impacts.
- **Handling:** Always handle the lens by its body, avoiding direct contact with the optical surfaces.
- **Heat:** While designed to dissipate heat, allow the lens to cool down after extended use with high-power lights before handling or storing. Refer to the "Caution Hot Surface" label on the lens.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Nanlite Forza 10° Lens.

Problem	Possible Cause	Solution
Lens not fitting into PJ-FMM Projection Attachment.	Incorrect alignment or obstruction.	Ensure the lens is correctly oriented and that no debris is blocking the mounting mechanism. Check for any existing lens still attached.
Light output appears dim or unfocused.	Lens surfaces are dirty or smudged.	Clean the lens surfaces carefully using a soft, lint-free cloth.
Lens feels loose after installation.	Securing screw not tightened.	Ensure the single securing screw is fully tightened.

If you encounter issues not listed here, please contact Nanlite customer support.

SPECIFICATIONS

Attribute	Detail
Model Number	PJFMMLENS11
Brand	NANLITE
Lens Angle	10°
Lens Material	Glass
Handle Material	Nylon
Color	Black
Product Dimensions	8.9 x 8.9 x 10.51 inches
Item Weight	4.3 pounds
Country of Origin	China

WARRANTY AND SUPPORT

Warranty Information

The Nanlite Forza 10° Lens is covered by a **2-year limited warranty**. This warranty can be extended to **3 years** for free upon online registration of your product.

Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Nanlite USA customer support. Our responsive team is available to assist you.

For the most current contact information, please visit the official Nanlite website or refer to the contact details provided with your product packaging.

