NEEWER RF2

NEEWER RF2 7"/18cm 25° Fish Scale Pattern Standard Reflector Diffuser User Manual

Model: RF2 | Brand: NEEWER

Introduction Safety Information Package Contents Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

The NEEWER RF2 7-inch (18cm) 25-degree Fish Scale Pattern Standard Reflector Diffuser is designed to modify light output from compatible studio flashes and LED video lights. Its unique inner fish scale pattern and silver reflective surface help to evenly broaden the light shape, intensify illumination, and minimize harsh shadows, providing a neutral color temperature. Constructed from durable aluminum alloy, this reflector is built to resist heating, scratches, and deformation. It features a universal Bowens Mount for broad compatibility with various lighting fixtures.



Figure 1: NEEWER RF2 Standard Reflector.

2. Safety Information

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Do not** expose the reflector to extreme temperatures or high humidity.
- **Do not** attempt to disassemble or modify the product.
- Ensure the reflector is securely attached to the light fixture before operation.
- Allow light fixtures to cool down before handling the reflector to prevent burns.
- Keep out of reach of children.

3. Package Contents

Verify that all items are present in your package:

- 1 x Fish Scale Pattern Standard Reflector

Note: Additional accessories such as honeycomb grids (10°, 30°, 50°) may be included depending on the specific product variant purchased. This manual focuses on the standard reflector.

4. Setup

4.1 Attaching the Reflector to a Light Fixture

The NEEWER RF2 reflector features a universal Bowens Mount for easy attachment to compatible LED video lights and studio flashes.

1. Align the three mounting tabs on the reflector with the corresponding slots on the Bowens Mount of your light fixture.
2. Insert the reflector into the mount.
3. Rotate the reflector clockwise until it clicks securely into place. Ensure it is firmly locked to prevent accidental detachment.



Figure 2: Illustrates the Bowens Mount attachment mechanism for the reflector.

4.2 Compatibility

This reflector is compatible with NEEWER CB60/CB60B/CB60RGB/CB100/CB100B/CB150/CB200B/CB300B/FS150/FS150B/FS230/FS230B LED video lights, Q4/Vision 4/Vision 5/S101-400 Pro/S101-300W Pro studio monolight flashes, and other lights with a standard Bowens mount, including those from Godox and Aputure.

5. Operation

5.1 Light Shaping with the Reflector

The RF2 reflector features a 25-degree reflection angle and an inner fish scale pattern. This design is engineered to:

- **Evenly Broaden Light:** Distributes light uniformly across the subject or background.
- **Minimize Harsh Shadows:** Creates softer transitions between light and shadow.
- **Intensify Illumination:** The silver reflective surface maximizes light output.



Figure 3: Close-up view of the 25-degree reflection angle and fish scale pattern.

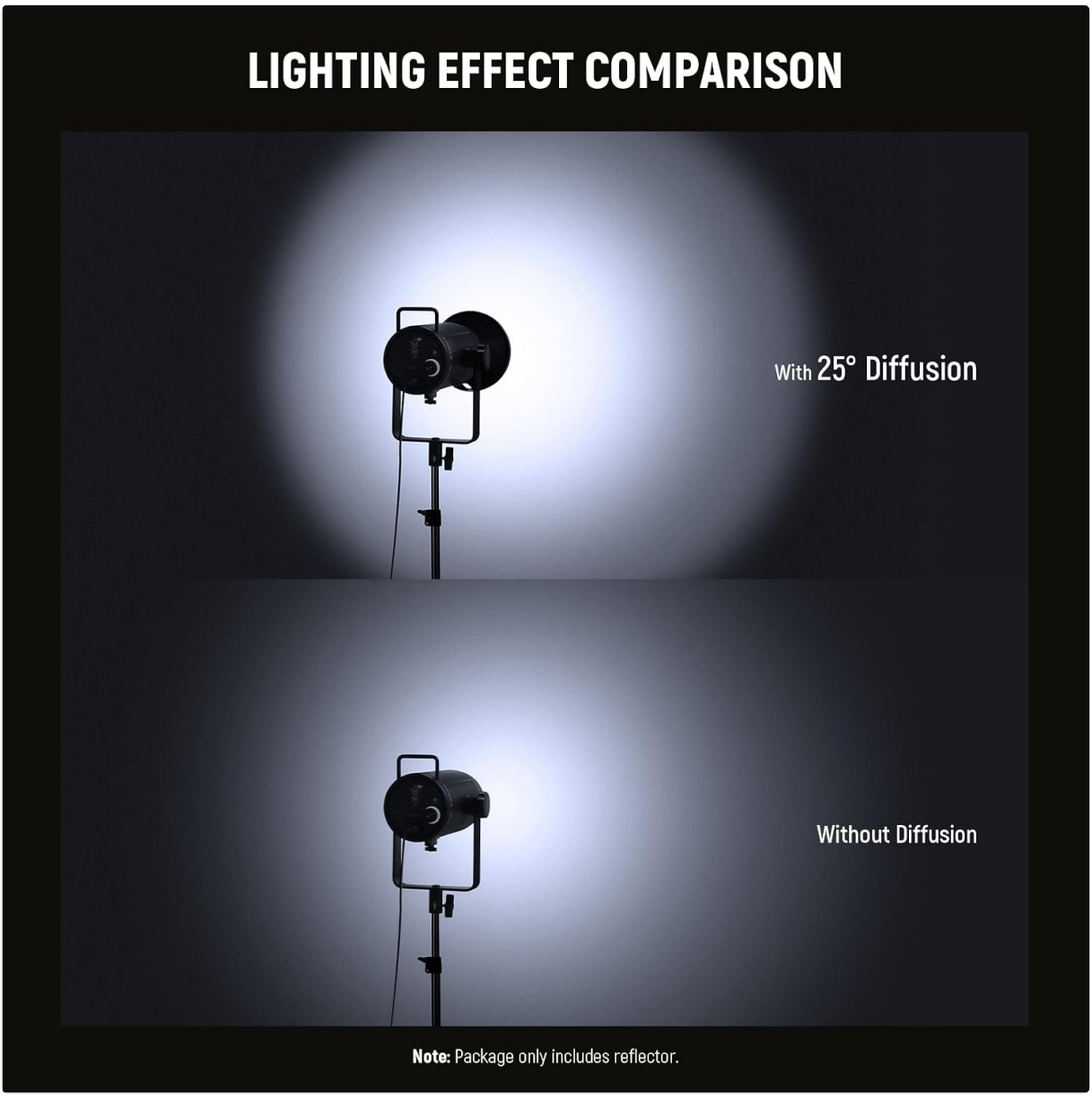


Figure 4: Comparison of lighting effects with and without the 25-degree reflector, demonstrating enhanced light shaping.

5.2 Applications

This reflector is suitable for a wide range of photographic and videographic applications, including:

- Portrait photography
- Commercial photography
- Wedding photography
- Interview lighting
- Live streaming
- Filmmaking
- YouTube/TikTok vlogging



Figure 5: Examples of the reflector in use for different creative applications.

6. Maintenance

6.1 Cleaning

To maintain optimal performance and appearance:

- Wipe the exterior with a soft, dry cloth.
- For the reflective interior, use a microfiber cloth to gently remove dust or smudges. Avoid abrasive cleaners or materials that could scratch the surface.

6.2 Storage

Store the reflector in a clean, dry environment away from direct sunlight and extreme temperatures when not in use.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Reflector does not attach securely.	Incorrect alignment or incompatible mount.	Ensure the reflector's mounting tabs are correctly aligned with the light fixture's Bowens mount slots. Verify your light fixture has a standard Bowens mount.
Light output is uneven or too harsh.	Improper positioning or need for additional diffusion.	Adjust the distance and angle of the light fixture. Consider adding a diffusion material or honeycomb grid (if available with your specific product variant) to further shape the light.
Reflector appears damaged or deformed.	Physical impact or exposure to excessive heat.	The aluminum alloy construction is robust, but extreme conditions can cause damage. If damage affects performance, contact customer support.

8. Specifications

Feature	Detail
Model	RF2
Material	Aluminum Alloy
Main Features	Fish Scale Pattern, 25° Reflection Angle
Compatibility	Bowens Mount Lights (NEEWER CB series, FS series, Q4, Vision series, S101 series, Godox, Aputure)
Dimensions	7 inches / 18 cm (Screen Size)
Weight	6.7 oz / 191 g
Manufacturer Part Number	10104335



Figure 6: Detailed dimensions and key specifications of the RF2 reflector.

9. Warranty & Support

9.1 Warranty Information

This NEEWER product is covered by a **1-Year Manufacturer Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
The warranty does not cover:

- Damage caused by accident, abuse, misuse, flood, fire, earthquake, or other external causes.
- Damage caused by operating the product outside the permitted or intended uses described by NEEWER.
- Damage caused by service performed by anyone who is not an authorized representative of NEEWER.
- Products or parts that have been modified to alter functionality or capability without the written permission of NEEWER.

9.2 Customer Support

For technical support, warranty claims, or general inquiries, please visit the official NEEWER website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty services.
Official NEEWER Website: www.neewer.com