

- Manuals.plus /
- > [Brnnoo](#) /
 - > Brnnoo 16.8cm 30 Degree Honeycomb Grid for 7-inch Standard Reflector Instruction Manual

Brnnoo 16.8cm 30 Degree Honeycomb Grid

Brnnoo 16.8cm 30 Degree Honeycomb Grid Instruction Manual

Model: 16.8cm 30 Degree Honeycomb Grid

1. INTRODUCTION

This instruction manual provides essential information for the proper use and maintenance of your Brnnoo 16.8cm 30 Degree Honeycomb Grid. This accessory is designed to enhance your photography lighting setup by providing precise control over light spread and intensity. It is compatible with standard 7-inch reflector lamp shades, making it a versatile tool for various photographic applications.



Figure 1: Brnnoo 16.8cm 30 Degree Honeycomb Grid with a lamp shade in the background.

The Brnnoo Honeycomb Grid is a specialized light modifier used in photography studios. It features a hexagonal cell structure that restricts the light beam to a 30-degree angle, creating a more focused and directional light source. This allows photographers to achieve excellent shadow effects and highlight specific areas of their subjects, which is particularly useful for product, portrait, and advertising photography.

2. SETUP AND INSTALLATION

The Brnnoo Honeycomb Grid is designed for easy attachment and removal from compatible 7-inch standard reflector lamp shades.

1. **Prepare Your Reflector:** Ensure your standard reflector lamp shade is clean and free from debris. The grid is designed to fit 7-inch (approximately 17.8 cm) diameter reflectors.
2. **Align the Grid:** Carefully place the 16.8cm honeycomb grid onto the front rim of your 7-inch standard reflector. The grid should sit snugly within the reflector's opening.
3. **Secure Attachment:** The grid typically features small clips or a tension mechanism to hold it in place. Gently press the grid into the reflector until it is securely seated. Ensure it is stable and will not fall off during use.

Mounting the 30° honeycomb grid on the lamp shade, it can great narrow down the light-throw from your lamp shade and provide an excellent shadow effect.



Figure 2: The 30-degree honeycomb grid mounted on a standard reflector lamp shade, demonstrating its light-narrowing effect.

This image illustrates the honeycomb grid attached to a studio light reflector. The text overlay indicates that mounting the 30-degree honeycomb grid on the lamp shade can significantly narrow down the light-throw, providing an excellent shadow effect. This setup is crucial for achieving controlled and dramatic lighting in photography.



Figure 3: Detailed view of the honeycomb grid structure and its attachment points.

A close-up view of the honeycomb grid highlights its hexagonal cell design and the robust aluminum frame. The image also shows the small metal tabs or clips used for securing the grid to the rim of a standard reflector, ensuring a firm and reliable attachment during use.

3. OPERATING INSTRUCTIONS

Once the honeycomb grid is securely attached to your standard reflector, you can begin to utilize its light-shaping capabilities.

- **Focused Light:** The 30-degree honeycomb grid significantly narrows the beam of light emitted from your reflector. This creates a more concentrated light source, ideal for highlighting specific details or subjects.
- **Shadow Control:** By restricting light spill, the grid helps produce sharper, more defined shadows. This is particularly effective for creating dramatic effects or separating your subject from the background.
- **Positioning:** Experiment with the distance between the light source (with the grid attached) and your subject. Closer distances will result in a more intense and focused beam, while moving the light further away will soften the edges of the light and shadow, though still maintaining directionality.
- **Applications:** This grid is suitable for various photography styles, including:

- Product photography (to emphasize textures and forms)
- Advertising photography (for precise lighting of key elements)
- Portrait photography (for dramatic lighting or hair lights)
- Artistic photography (for creative light patterns and effects)

4. MAINTENANCE

To ensure the longevity and optimal performance of your Brnnoo Honeycomb Grid, follow these simple maintenance guidelines:

- **Cleaning:** If dust or debris accumulates on the grid, gently wipe it with a soft, dry, lint-free cloth. For stubborn marks, a slightly damp cloth can be used, followed immediately by a dry cloth. Avoid abrasive cleaners or solvents, as these can damage the aluminum finish.
- **Storage:** When not in use, store the honeycomb grid in a clean, dry place, preferably in its original packaging or a protective bag, to prevent dust accumulation and physical damage.
- **Handling:** Handle the grid by its frame to avoid bending or deforming the delicate honeycomb cells.

5. TROUBLESHOOTING

If you encounter issues with your honeycomb grid, consider the following:

- **Grid Does Not Fit:**
Ensure your reflector is a standard 7-inch model. While this grid is designed for standard 7-inch reflectors, some brands may have slight variations in their dimensions or rim design. Measure your reflector's diameter to confirm compatibility with the 16.8cm (6.6 inch) grid. If it's significantly different, it may not be compatible.
- **Light Spill is Too Wide:**
Verify that the grid is securely and flushly attached to the reflector. Any gaps can allow light to escape, reducing the focusing effect. Also, ensure you are using the 30-degree grid correctly for the desired narrow beam.
- **Damage to Honeycomb Cells:**
The aluminum honeycomb is delicate. Avoid dropping the grid or applying excessive pressure, which can bend or crush the cells. Minor deformations may not significantly affect light output, but severe damage could require replacement.

6. SPECIFICATIONS

Product Specifications

Feature	Detail
Angle	30 degrees
Diameter	16.8 cm (6.6 inches)
Compatibility	7-inch Standard Reflector Lamp Shades
Material	High-quality Aluminum
Item Weight	58g / 2oz (approximate)
Product Dimensions	6.69 x 0.39 x 6.69 inches (17 x 1 x 17 cm)

Feature	Detail
Included Components	1 x Honeycomb Grid

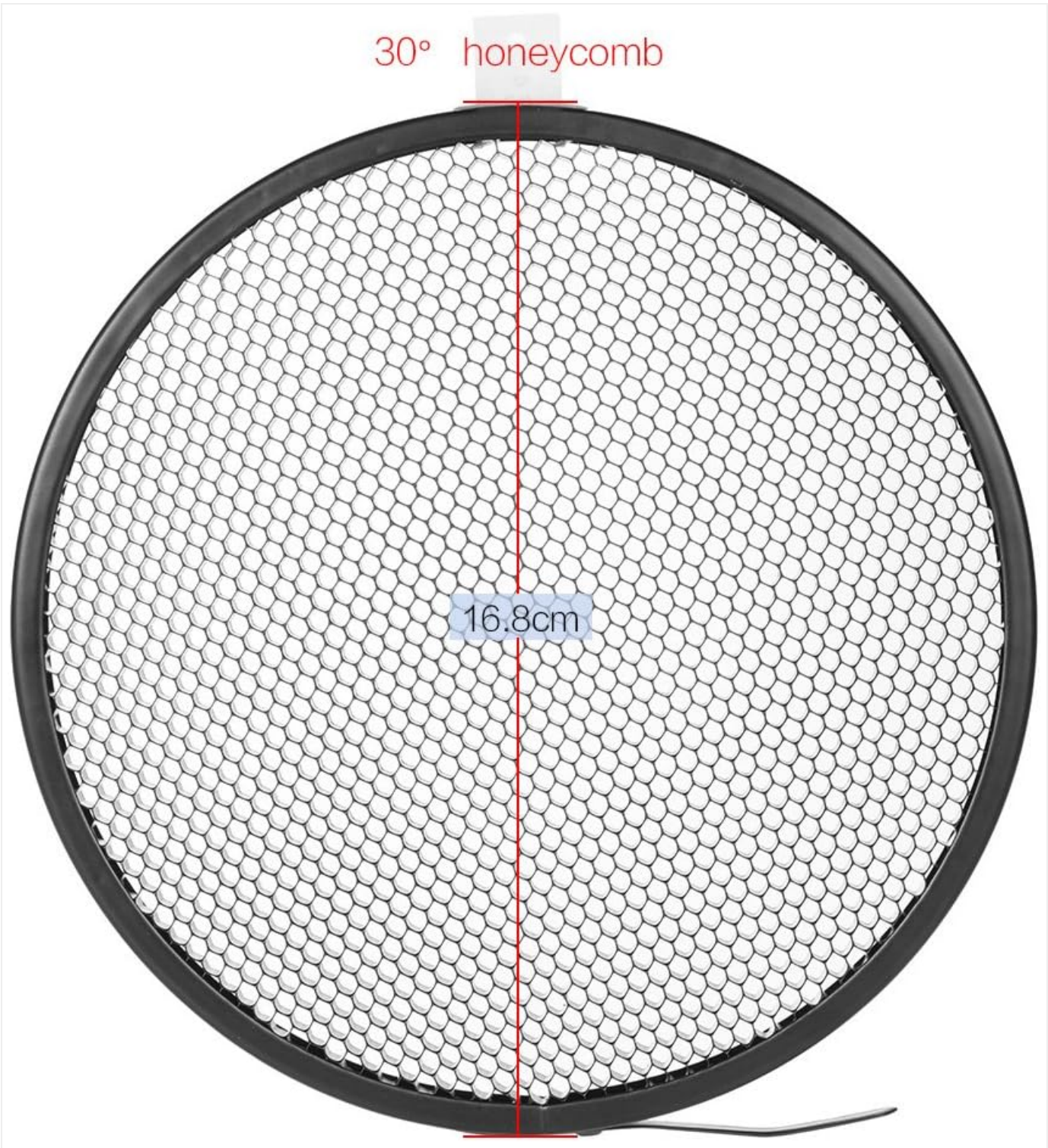


Figure 4: Top-down view of the honeycomb grid indicating its 16.8cm diameter.

This image clearly displays the 16.8cm diameter of the honeycomb grid, confirming its size for compatibility with 7-inch standard reflectors. The measurement is crucial for ensuring a proper fit with your existing lighting equipment.

7. WARRANTY AND SUPPORT

Specific warranty information for the Brnnoo 16.8cm 30 Degree Honeycomb Grid is not provided in the product details. For any warranty claims or technical support, please refer to the retailer or the Brnnoo official website where the product was purchased. It is recommended to retain your proof of purchase for any support inquiries.

For general inquiries or further assistance, please contact Brnnoo customer service through their official channels.

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