

Lindsey Optics Brilliant² Rotapola for Cinematography

Fits in 4x5.65 Cine Matte Boxes

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/EINPresswire.com/ -- The Lindsey Optics Brilliant² [Rota-Pol Circular Polarizer](#) for cinematography is designed to fit 4" x 5.65" cine matte boxes and allow simple and effective rotation of the included 138mm Round Brilliant-Pol Circular Polarizer. This 138mm diameter polarizer gives a large 5.1" clear aperture, useful even with wide angle lenses and large zoom lenses.

The unique mechanical design includes an all-aluminum main gear in which the Polarizer is mounted. The main gear rests on internal Delrin™ rollers for smooth no-slip rotation. The main gear is driven by aluminum thumb wheels that are geared with standard 0.8 pitch gear teeth for use with motorized wireless remote systems.



Lindsey Optics Brilliant² Rotapola

Rotation of the polarizer can be done by spinning either of the two thumb wheels by hand or with a motor mounted on the 1/4-20 thread in the handle.

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Our Brilliant² Rota-Pol Circular Polarizer for cinematography is designed to fit 4" x 5.65" cine matte boxes to reduce reflections, increase color saturation and produce brilliant images”

Dwight Lindsey

The Brilliant² [Rotapola](#) is designed to place a rotating polarizer in a 4x5.65 matte box, even if the matte box does not have a rotating filter stage. In matte boxes with a rotating stage, our Rota-Pol is quick to insert and once installed, it's fast and easy to adjust. It does not cause any interference with rods in a rod mounted matte box.

Delivered with a mounted Brilliant Pol 138mm Circular Polarizer with 38% transmission, resulting in a 1.5 stop light reduction.

As with all circular polarizers, the Brilliant Pol Circular Polarizers are constructed with two internal components, a linear polarizer that will reduce reflections when rotated and a "quarter wave plate" that spins the light entering the camera lens, preventing any cross polarization inside the camera and lens system.

Lindsey Optics Brilliant-Pol Polarizing Filters are constructed using Schott B270 "water white" optical glass and have a broadband multi-layer anti-reflection coating that dramatically reduces

flare, stray light and ghost images caused by filter to filter reflections. Contrast and color saturation are increased. They are ground and polished to be very flat and will not cause distortions or focus shifts, even with long focal length lenses.

Brilliant-Pol Polarizers are extremely efficient at reducing reflections on glass, water and other reflective objects. They also saturate blue skies and increase color saturation in landscapes by reducing micro-reflections in the scene.

The Brilliant² Rota Pol rotating polarizer works with Arri™, Bright Tangerine™, Chrosziel™ and Vocas™ and other professional matte boxes.

Attractively priced at \$599 each, they are available now.

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