

# Orion® Moon Filter

**#5662 1.25" Version, 13% transmission**

**#5594 2" Version, 13% transmission**

**#5598 1.25" Version, 25% transmission**

The Orion Moon filter allows comfortable viewing of the lunar surface. The Moon can be exceptionally bright, even during its partial phases. This brightness can not only wash out subtle details of the lunar surface, but it can also cause eyestrain and fatigue. A Moon filter solves this problem by reducing the amount of light that gets to your eye without losing any important detail or making any color changes to the image. With the Moon filter in place, you can enjoy lunar surface details such as maria, craters, mountains and rilles.



## Using the Moon Filter

To use the Moon filter you will need to thread it into a 1.25" (for #5662 and #5598) or 2" (for #5594) telescope eyepiece that can accept threaded filters. Any Orion eyepiece will work. Simply thread the filter into the eyepiece barrel until it is finger tight. You may also "stack" filters by threading another filter into the bottom of the first.

After threading the filter into the eyepiece, place the eyepiece in the telescope and bring it into focus. You should now be able to view the Moon's detailed surface without any parts being washed out due to excessive brightness.

## Cleaning and Maintenance

When not in use, the Moon filter should be kept in its original padded case. Given proper care and storage, the filter should last a lifetime. Should the filter need cleaning for any reason, use the following directions to clean the filter without damaging it.

Any quality optical lens cleaning tissue and optical lens cleaning fluid specifically designed for multi-coated optics can be used to clean the glass surfaces of your filter. Never use regular glass cleaner or cleaning fluid designed for eyeglasses.

Before cleaning with fluid and tissue, blow any loose particles off the surface with a blower bulb or compressed air. Then apply some cleaning fluid to a tissue, never directly on the optics. Wipe the lens gently in a circular motion, then remove any excess fluid with a fresh lens tissue. Oily fingerprints and smudges may be removed using this method. Use caution; rubbing too hard may scratch the glass.

## Specifications

Filter Material: Optical glass

Coatings: Coated with MgF<sub>2</sub> to reduce reflections

Housing: Anodized aluminum

## One-Year Limited Warranty

The Orion RedBeam II LED is warranted against defects in materials or workmanship for a period of one year from the date of purchase. This warranty is for the benefit of the original retail purchaser only. During this warranty period Orion Telescopes & Binoculars will repair or replace, at Orion's option, any warranted instrument that proves to be defective, provided it is returned postage paid to: Orion Warranty Repair, 89 Hangar Way, Watsonville, CA 95076. If the product is not registered, proof of purchase (such as a copy of the original invoice) is required.

This warranty does not apply if, in Orion's judgment, the instrument has been abused, mishandled, or modified, nor does it apply to normal wear and tear. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. For further warranty service information, contact: Customer Service Department, Orion Telescopes & Binoculars, 89 Hangar Way, Watsonville, CA 95076; (800) 676-1343.