



Sirius Optics
Unit 1
26 Darnick Street
Underwood, Qld 4119

Opening Hours

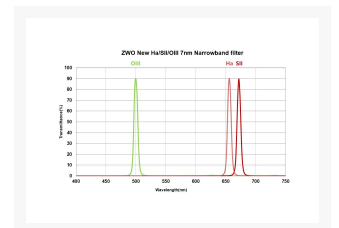
10am-5:30pm Mon-Fri
9am-2pm Sat

Phone: 07 3423 2355
www.sirius-optics.com.au

ZWO Oxygen-II (OIII) Filter 31mm Unmounted

AUD
\$235.00

Product Images



Short Description

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Description

The ZWO narrowband O-III 7nm filter is designed for nebula observation allowing 7nm bandwidth of light centered on a wavelength of 500nm through, which corresponds to OIII emission lines, blocking out all other light. Adding the ZWO O-III Narrowband filter to your imaging collection will help you go beyond the RGB imaging and will help capture your favorite nebulas in a totally new light, no matter how polluted your skies may be!

- Hubble look of images can be made by the combination of H-alpha, OIII-CCD and SII-CCD, such as the famous “Pillars of Creation” (M16 Eagle Nebula)
- Narrowband imaging with SHO set (H-alpha, OIII-CCD and SII-CCD) can be done with the moon up in heavy light pollution, so your equipment is not sitting dormant for several weeks

Technical Data

- FWHM: $7\pm0.5\text{nm}$
- Glass Thickness $2.0\pm0.03\text{ mm}$ (1.25"/31mm/36mm)
- Fine-optically polished to ensure accurate 1/4 wavefront over the both surfaces
- About 90% transmission at major OIII line 500nm (OIII filter)
- Infrared wavelength 700-1100nm cut-off
- $<0.1\%$ transmission of off-band, OD3(Optical Density)

Additional Information

Specifications	N/A
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