

# SILICON VALLEY OPTICS TECHNOLOGY

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# Lumicon 1.25" Oxygen III Filter

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\$140.00

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CWL:	498.5 +/- 2.0 nm
FWHM:	11.0 +/- 2.0 nm
HP:	n/a
Transmittance:	496nm & 501nm >= 90%
Blocking	T < 1.0% @ 436 nm
Blocking	T < 0.01% 440-478 nm
Blocking	T <= 0.01% 520-630 nm
Reflectance (design goal)	
1 of the 2 surfaces	= 1% Max @ 498.5 nm **
Optical Properties:	
TWF:	<1.5 Waves, prior to coating
Parallelism:	< 30 arcsec.
Dimensions:	
Diameter:	1.055 +/- 0.01"
Thickness:	2.0 +/- 0.25 mm
Clear Aperture:	0.86" Minimum
Cosmetics:	
Pinholes:	No pinholes larger than 0.1 mm. Ignore pinholes smaller than 0.025 mm. No more than 5 pinholes between 0.1 and 0.025 mm within any 20 mm diameter area.
Surface Quality:	60/40, 0.020" Max Chip No Chamfer
Operating Conditions:	AOI=0°, Collimated Light



