



Consolite Technology Specification Sheet

Part No: CTL-R101

Part name: Polymer Filter, Colour LCD Monitor

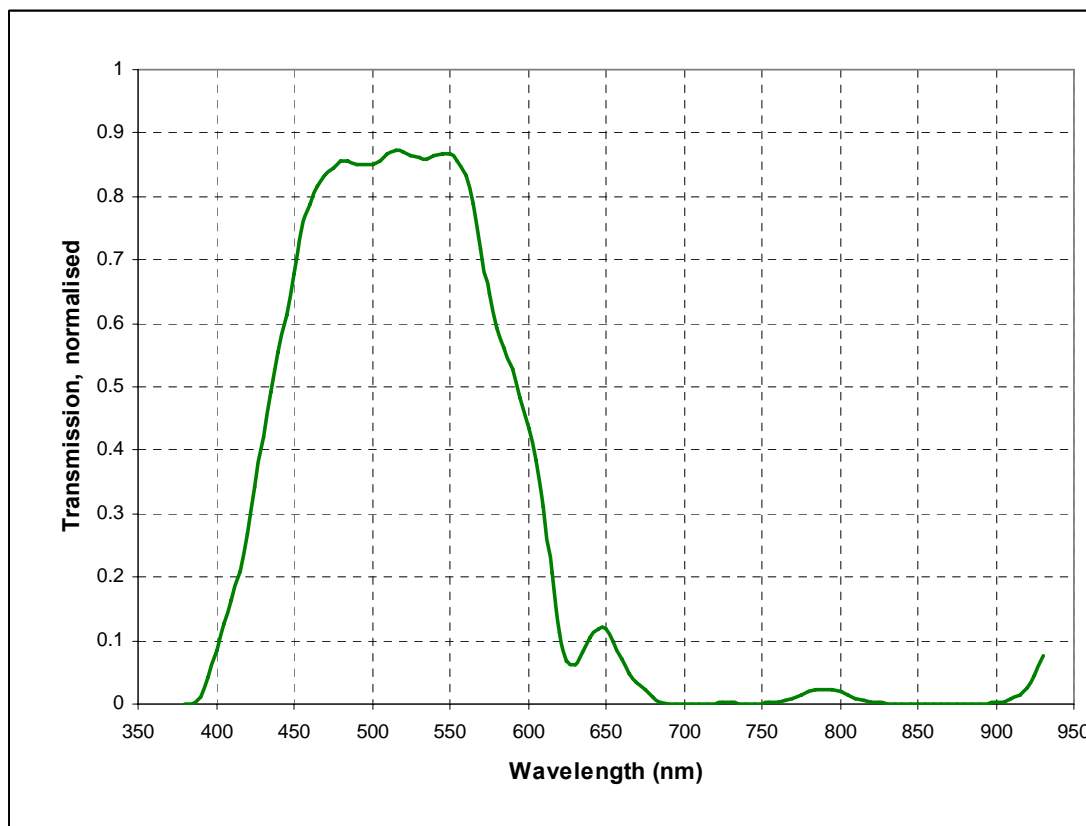
The filter material is of absorption type and can provide Class B NVG compatibility for full colour LCD screens. It offers higher transmission than fully compliant alternatives such as CTL-R059. The material is available at 3mm thick for use in sheet form in front of a flat screen display. An anti-reflection or anti-glare coating can be provided to minimise reflections and enhance visibility.

Performance figures are quoted for a typical full colour LCD cockpit display, with an uncoated filter, measured in white and red areas, each dimmed close to 0.5fL and scaled to exactly 0.5fL. Exact figures may vary.

Typical performance

	NR _B @ 0.5fL	Chromaticity		Photopic transmission
		u'	v'	
White	3.2E-9	.138	.445	72%
Red	2.9E-8	.377	.526	49%

Spectral Transmission



Consolite Technology Limited, St. Martins Business Park, Bells Lane, Zeals, Wiltshire, BA12 6LY, UK

Tel: +44 (0)1747 840900
e-mail: sales@consolite.co.uk

Fax: +44 (0)1747 841500
Web: www.consolite.co.uk