



Consolite Technology Data Sheet

Material Ref: CTL-R052

Function: NVIS Class B Polymer, Full Colour LCD

Description

The polymer filter material provides full Class B compliance with MIL-STD-3009 for NVIS Radiance when used with a full colour LCD.

Applications include aircraft cockpit, vehicle instrument, naval and land system displays.

Nominal thickness: 1.0mm

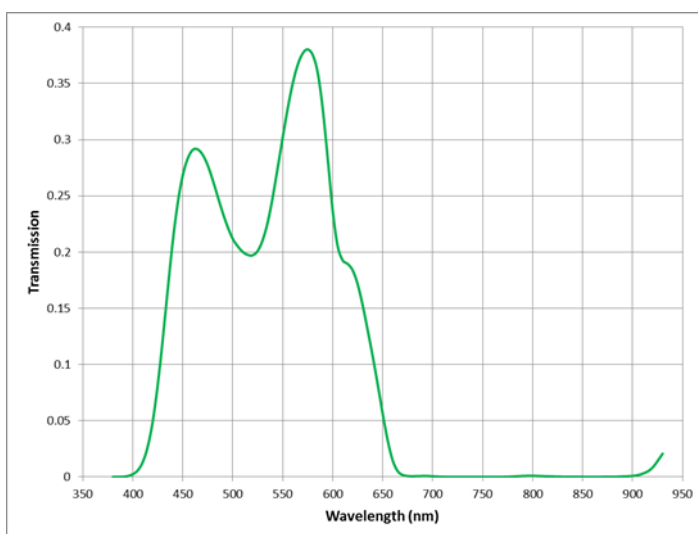
Variants with anti-reflection coatings or anti-glare finish on one or both faces are available.

Performance

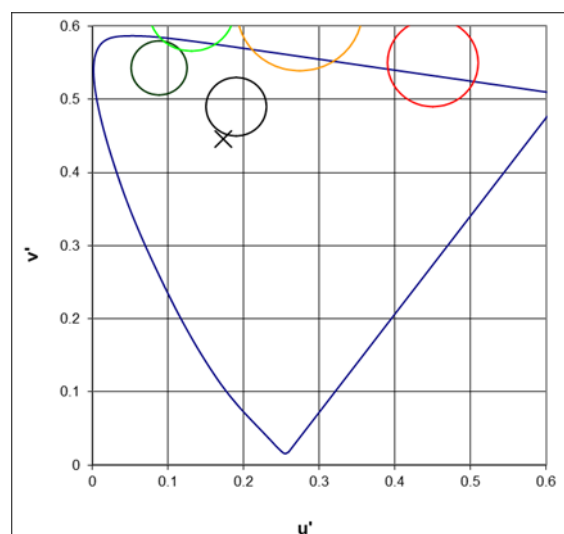
Indicative performance figures below are quoted for CTL-R052 in combination with a typical full colour CCFL-backlit LCD. These are measured in white and red areas, each dimmed as close as possible to 0.5fL, but may vary.

	NR _B @ 0.5fL	Chromaticity		Photopic transmission
		u'	v'	
White	1.33E-9	.173	.446	26%
Red	7.64E-10	.406	.530	23%

Spectral Transmission



Chromaticity Coordinates, White (CIE 1976)



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

Tel: +44 (0)1747 840900

Fax: +44 (0)1747 841500

e-mail: sales@consolite.co.uk

Web: www.consolite.co.uk

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