



Consolite Technology Data Sheet

Material Ref: CTL-R192

Function: NVIS Class B Polymer, Full Colour LCD, White LED Backlight

Description

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

At just 0.5mm thick it is ideally suited to internal use directly over the LED backlight. This is often preferable to adding an external filter.

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

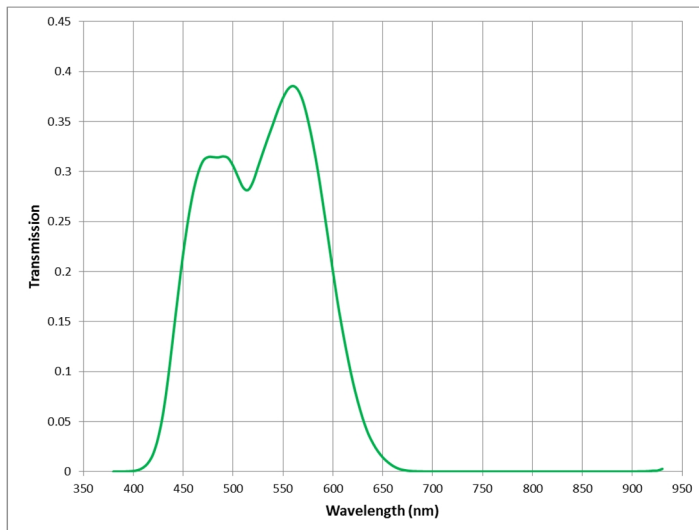
Nominal thickness: 0.5mm

Performance

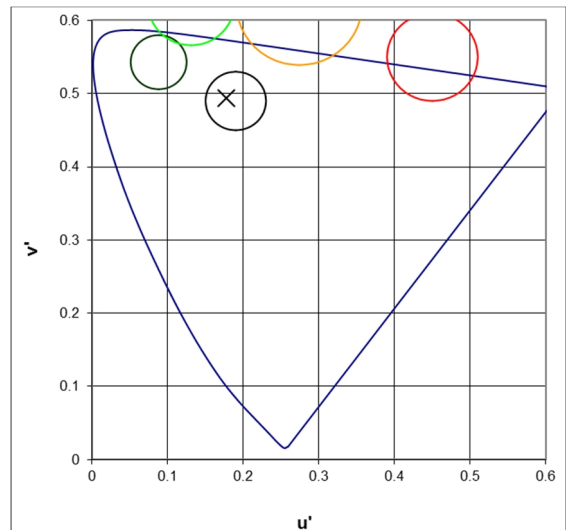
Indicative performance figures below are quoted for CTL-R192 in combination with a typical full colour LED-backlit LCD, measured in a white area, dimmed as close as possible to 0.5fL, but may vary.

	NR _B @ 0.5fL	Chromaticity		Photopic transmission
		u	v	
White	3.04E-10	.177	.494	29.1%

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
e-mail: sales@consolite.co.uk

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

Issue: 3