



Consolite Technology Data Sheet

Material Ref: CTL-R143

Function: NVIS Class B Polymer, Full Colour LCD, AR coated

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: 2.5mm

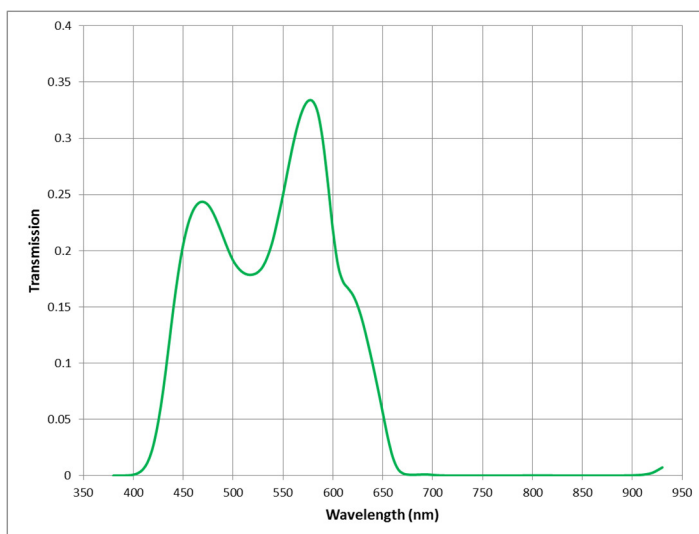
CTL-R143 is supplied with an anti-reflection coating on both faces.

Performance

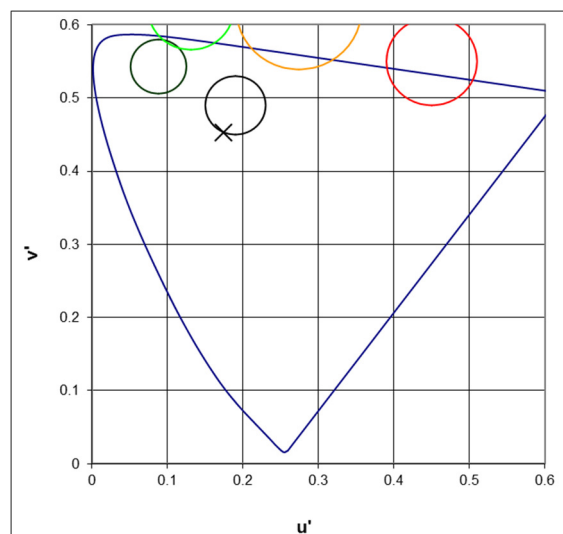
Indicative performance figures below are quoted for CTL-R143 in combination with a typical full colour CCFL-backlit LCD. These are measured in white and red areas, each dimmed as close as possible to 0.5fL, but may vary.

	NR _B @ 0.5fL	Chromaticity		Photopic transmission
		u'	v'	
White	1.06E-9	.174	.453	23%
Red	5.75E-9	.407	.531	20%

Spectral Transmission



Chromaticity Coordinates, White (CIE 1976)



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