



Consolite Technology Data Sheet

Material Ref: CTL-R135

Function: NVIS Class B Polymer, Colour LCD, High Transmission, Anti-Glare

Description

The polymer filter material provides full Class B compliance with MIL-STD-3009 for NVIS Radiance when used with a full colour LCD. It offers higher transmission levels than other materials such as CTL-R095.

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

Nominal thickness: 3.0mm

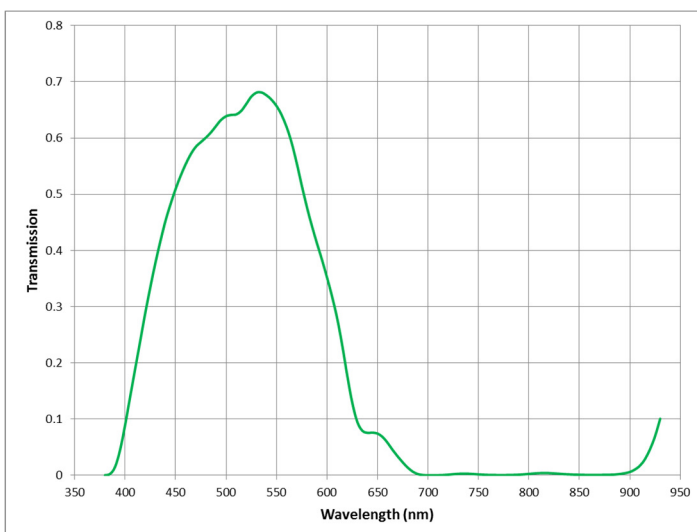
CTL-R135 is supplied with an anti-glare finish on one face. Other surface finish options are available.

Performance

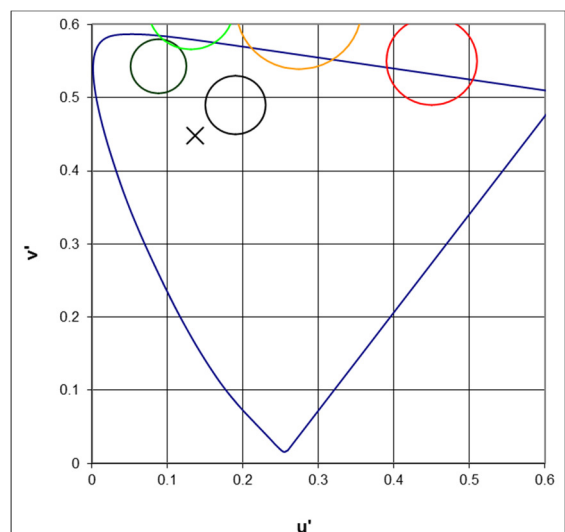
Indicative performance figures below are quoted for CTL-R135 in combination with a typical full colour CCFL-backlit LCD. These are measured in white and red areas, each dimmed as close as possible to 0.5fL, but may vary.

	NR _B @ 0.5fL	Chromaticity		Photopic transmission
		u'	v'	
White	5.85E-10	.137	.448	55%
Red	6.45E-9	.381	.524	24%

Spectral Transmission



Chromaticity Coordinates, White (CIE 1976)



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