



Consolite Technology Data Sheet

Material Ref: CTL-R118

Function: NVIS Class B Polymer, Full Colour LCD, Semi-Flexible

Description

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

At just 0.65mm thick the material retains enough flexibility to permit use on the front of certain touch screen displays.

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

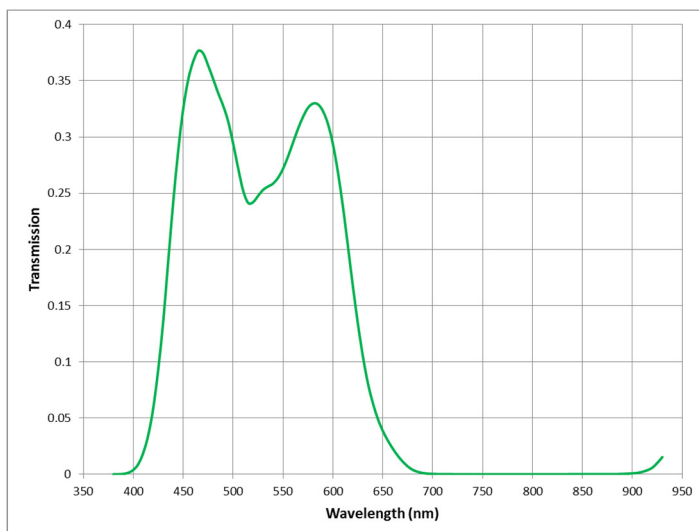
Nominal thickness: 0.65mm

Performance

Indicative performance figures below are quoted for CTL-R118 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	8.97E-10	.170	.426	27%
Red	4.97E-9	.408	.528	24%

Spectral Transmission



Chromaticity Coordinates, White (CIE 1976)

