



## Consolite Technology Data Sheet

**Material Ref:** CTL-R105

**Function:** NVIS Polymer, Full Colour LCD, Flexible, Low Transmission

### Description

The polymer filter material provides NVG compatibility when used with a full colour LCD. The combination of flexibility and low transmission make it suitable for certain touch screen and ruggedized displays, particularly where visual and NVG security is a requirement.

Applications include land system and hand-held displays.

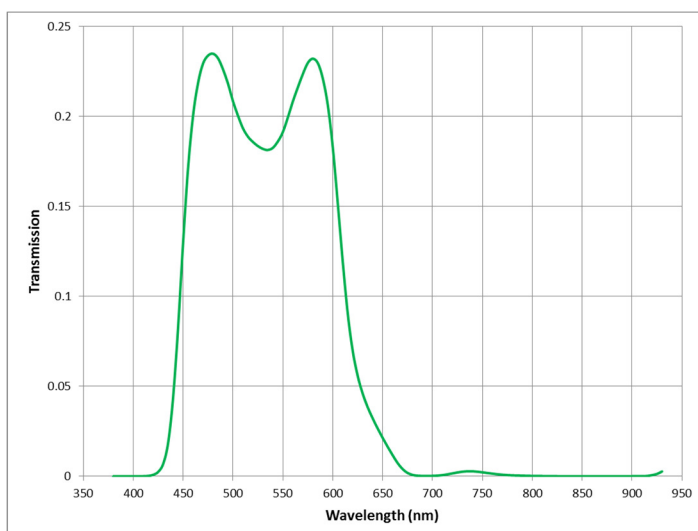
Nominal thickness: 1.0mm

### Performance

Indicative performance figures below are quoted for CTL-R105 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 <sub>B</sub> @ 0.5fL	Chromaticity		Photopic transmission
		u'	v'	
White	1.15E-9	.155	.463	18%
Red	8.04E-9	.392	.534	14%

**Spectral Transmission**



**Chromaticity Coordinates, White (CIE 1976)**

