



## Consolite Technology Data Sheet

**Material Ref:** CTL-R115

**Function:** NVIS Green B Polymer Filter, Green/Yellow Segmented LED Display

### Description

The filter material provides Class A compliance with MIL-STD-3009 for NVIS Radiance when used with a suitable green/yellow segmented LED display.

Although MIL-STD-3009 does not impose a colour requirement on such displays, CTL-R115 nevertheless achieves the chromaticity requirements of NVIS Green B.

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

Nominal thickness: 1.0mm

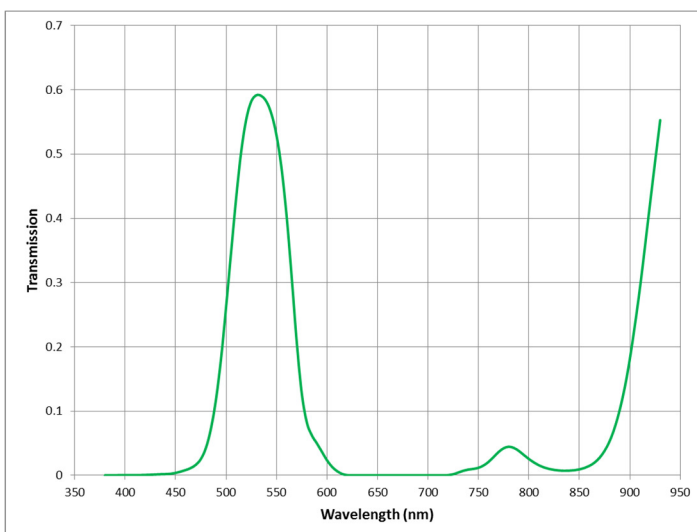
CTL-R115 is supplied with an anti-glare finish on one face. Other options are available.

### Performance

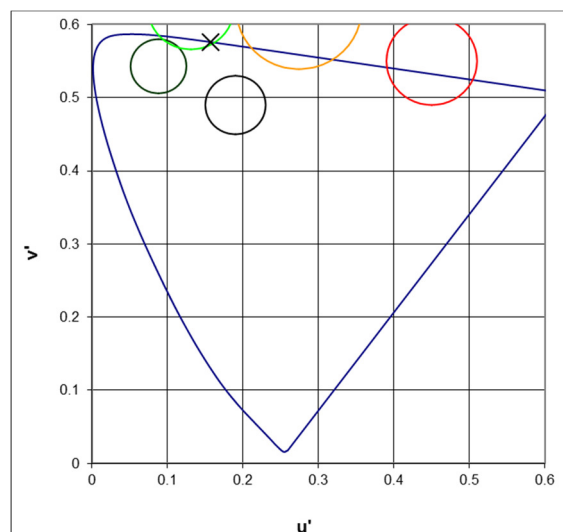
Indicative performance figures below are quoted for CTL-R115 in combination with a typical LED display of dominant wavelength 567nm.

NVIS Radiance @ 0.1fL		Green/Red Ratio I3(W)	Chromaticity		Photopic Transmission
NR <sub>A</sub>	NR <sub>B</sub>		u'	v'	
5.15E-11	4.51E-12	234	.157	.576	29%

### Spectral Transmission



### Chromaticity Coordinates (CIE 1976)



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