

# **Consolite Technology Data Sheet**

# Material Ref:CTL-R142Function:NVIS Red Polymer Filter, Red LED Source

## Description

The filter material provides full compliance with MIL-STD-3009 for both NVIS Radiance and chromaticity when used with a suitable red LED source.

Applications include indicator and caution lights.

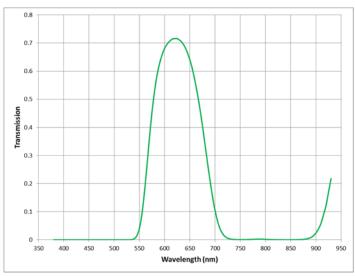
Nominal thickness: 1.0mm

### Performance

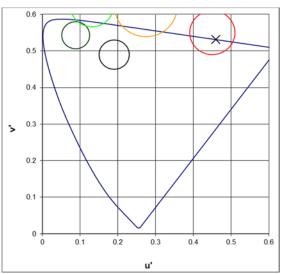
Indicative performance figures below are quoted for CTL-R142 in combination with a typical red LED of dominant wavelength 605nm.

NVIS Radiance @ 15fL		Green/Red	Chromaticity		Photopic
NRA	NR <sub>B</sub>	Ratio I3(W)	u'	<b>v'</b>	Transmission
N/A	8.40E-8	394	.460	.531	69%

#### **Spectral Transmission**



#### **Chromaticity Coordinates (CIE 1976)**



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