

# **Consolite Technology Data Sheet**

# Material Ref:CTL-R054Function:NVIS Green A Polymer Filter, White LED Source

## Description

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

It can also provide a fully compliant NVIS Green B chromaticity when used with a filament lamp, shown on a separate datasheet.

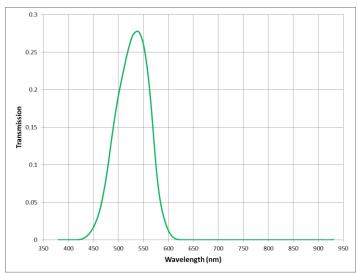
Nominal thickness: 2.5mm

### Performance

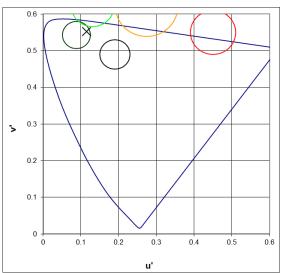
Indicative performance figures below are quoted for CTL-R054 in combination with a typical white LED of colour temperature 5130K, and may vary.

NVIS Radiance @ 0.1fL		Chromaticity		Photopic	
NRA	NR <sub>B</sub>	u'	<b>v'</b>	Transmission	
6.20E-11	4.34E-12	.115	.552	15%	

#### **Spectral Transmission**



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



Consolite Technology Limited, St. Martins Business Park, Bells Lane, Zeals, Wiltshire, BA12 6LY, UK

Tel:	+44 (0)1747 840900	Fax:	+44 (0)1747 841500		
e-mail:	sales@consolite.co.uk	Web:	www.consolite.co.uk	Issue:	3