

### **Consolite Technology Data Sheet**

# Material Ref:CTL-R070Function:NVIS Green B Polymer Filter, Incandescent Source

## Description

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

An AR coated variant is also available designated CTL-R091.

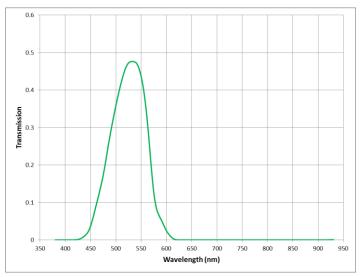
Nominal thickness: 1.0mm

#### Performance

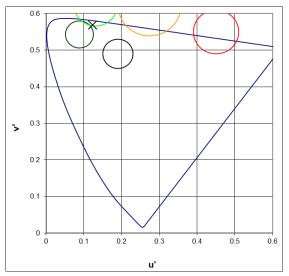
Indicative performance figures below are quoted for CTL-R070 in combination with a typical T1<sup>3</sup>/<sub>4</sub> 28V, 40mA lamp operating at 1800K, and may vary.

NVIS Radiance @ 0.1fL		Green/Red	Chromaticity		Photopic
NRA	NR <sub>Β</sub>	Ratio I3(W)	u'	۷'	Transmission
1.10E-10	1.43E-11	233	.124	.569	16%

#### **Spectral Transmission**



**Chromaticity Coordinates (CIE 1976)** 



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