



## Consolite Technology Data Sheet

**Material Ref:** CTL-A01X

**Function:** NVIS Green B Class A Filter, Glass, Filament Lamp Source

### Description

The filter is intended for use with a filament lamp source to provide full compliance with MIL-STD-3009 for Class A and B NVG compatibility with NVIS Green B chromaticity.

Different optical densities are available for compliance at different thicknesses, as follows:

CTL-A010 1.0mm thick

CTL-A011 1.5mm thick

CTL-A012 2.0mm thick

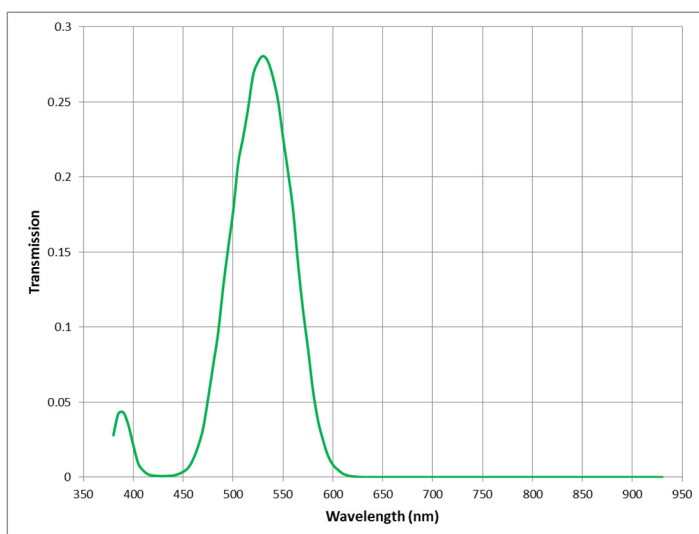
CTL-A013 3.0mm thick

Properties quoted below are measured in combination with a T1¾ filament lamp and may vary.

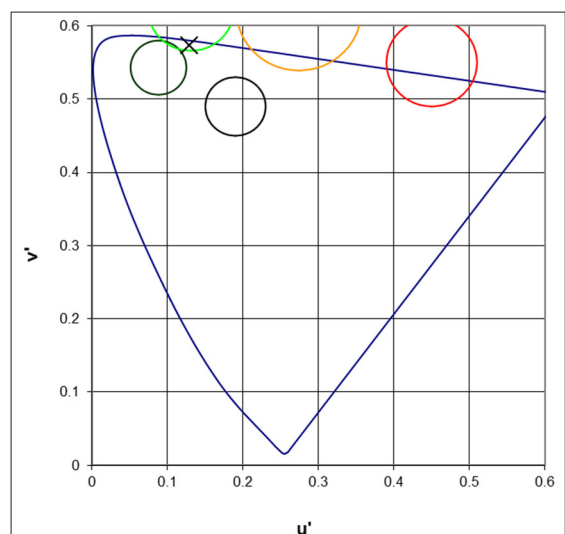
### Performance

Light Source	NVIS Radiance		Green/Red Ratio		Chromaticity		Photopic Transmission
	NR <sub>A</sub>	NR <sub>B</sub>	I <sub>3</sub>	I <sub>3W</sub>	u'	v'	
T1¾ lamp							
28V 1954K	8.99E-11	5.22E-12	42279	262	.1181	.5718	9.3%
22V 1822K	9.56E-11	5.43E-12	36860	261	.1213	.5723	8.7%
14V 1571K	1.11E-10	6.04E-12	26729	263	.1289	.5730	7.5%

### Spectral Transmission



### Chromaticity Coordinates (CIE 1976)



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