



### Consolite Technology Specification Sheet

**Part No:** CTL-A04X Series

**Material:** NVG Compatible Yellow Class B Glass Filter

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

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

CTL-A040 1.0mm thick

CTL-A041 1.5mm thick

CTL-A042 2.0mm thick

CTL-A043 3.0mm thick

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

#### Typical performance

Light Source	NVIS Radiance (15fL)		Green/Red Ratio		Chromaticity	
	NR <sub>A</sub>	NR <sub>B</sub>	I <sub>3</sub>	I <sub>3W</sub>	u'	v'
T1¾ lamp						
28V 1954K	N/A	8.70E-8	55	138	.2282	.5636
22V 1822K	N/A	9.81E-8	49	127	.2336	.5360
14V 1571K	N/A	1.30E-7	37	102	.2466	.5615

**Typical photopic transmission 16%**

