



Consolite Technology Data Sheet

Material Ref: CTL-A04X

Function: NVIS Yellow Class B 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-A040 1.0mm thick

CTL-A041 1.5mm thick

CTL-A042 2.0mm thick

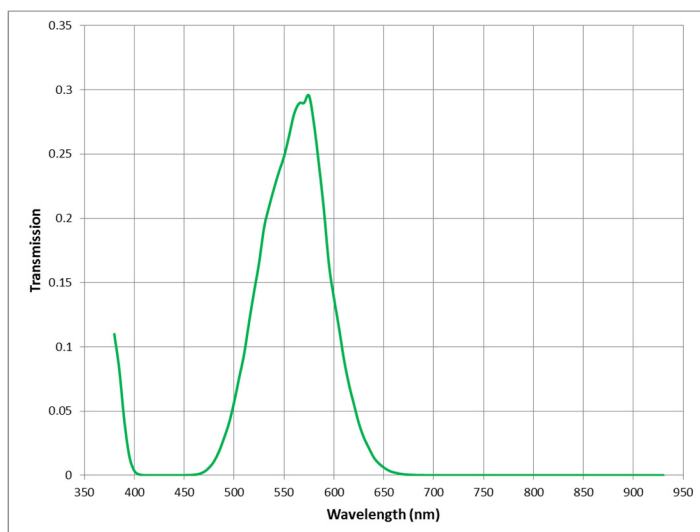
CTL-A043 3.0mm thick

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

Performance

Light Source	NVIS Radiance @ 15fL		Green/Red Ratio		Chromaticity		Photopic Transmission
	NR _A	NR _B	I ₃	I _{3W}	u'	v'	
T1¾ lamp							
28V 1954K	N/A	8.70E-8	55	138	.2282	.5636	16.7%
22V 1822K	N/A	9.81E-8	49	127	.2336	.5360	16.4%
14V 1571K	N/A	1.30E-7	37	102	.2466	.5615	15.4%

Spectral Transmission



Chromaticity Coordinates (CIE 1976)

