



## Consolite Technology Data Sheet

**Material Ref:** CTL-R112

**Function:** NVIS Green B Polymer, White LED, Bathtub Filter Material

### Description

The filter material is suitable for machining into ring and bathtub filters. It provides full compliance with MIL-STD-3009 for both NVIS Radiance and chromaticity when machined to a wall thickness of 0.7mm and used with a suitable white LED source.

Initial thickness: 5.0mm

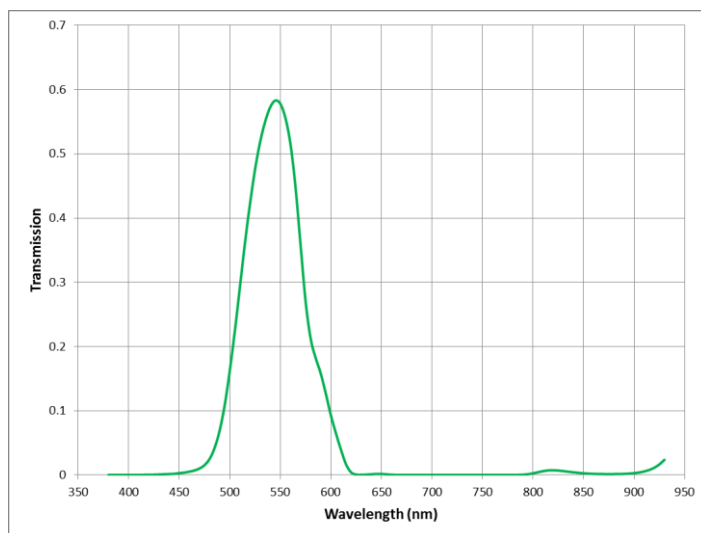
Working thickness: 0.7mm

### Performance

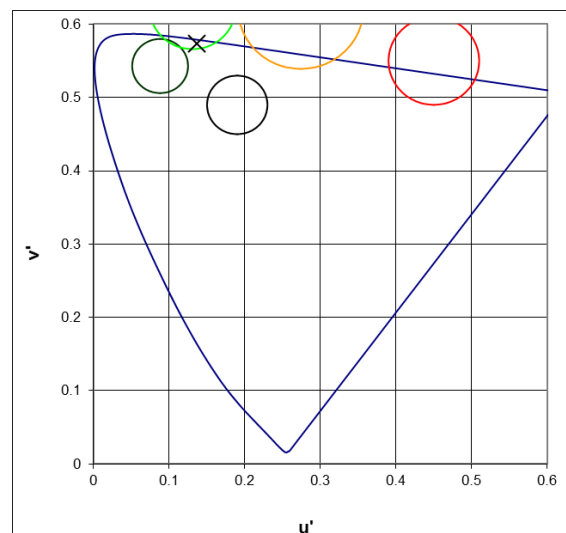
Indicative performance figures below are quoted for CTL-R068 in combination with a typical white LED of colour temperature 5130K.

NVIS Radiance		Chromaticity		Photopic Transmission
NR <sub>A</sub>	NR <sub>B</sub>	u'	v'	
8.99E-11	5.22E-12	.118	.572	22%

### Spectral Transmission



### Chromaticity Coordinates (CIE 1976)



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