



Consolite Technology Data Sheet

Material Ref: CTL-R197

Function: NVIS White Polymer Filter, White LED Source

Description

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

Applications include indicator lights and cockpit floodlights, and it can also be used to filter white LED display backlighting.

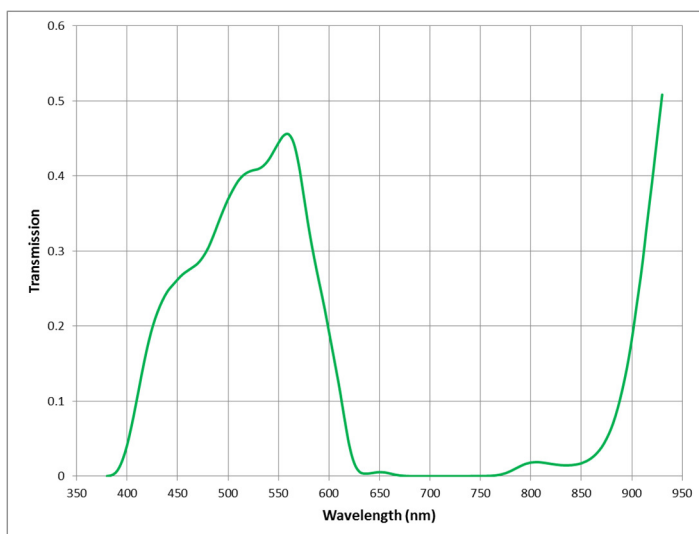
Nominal thickness: 1.0mm

Performance

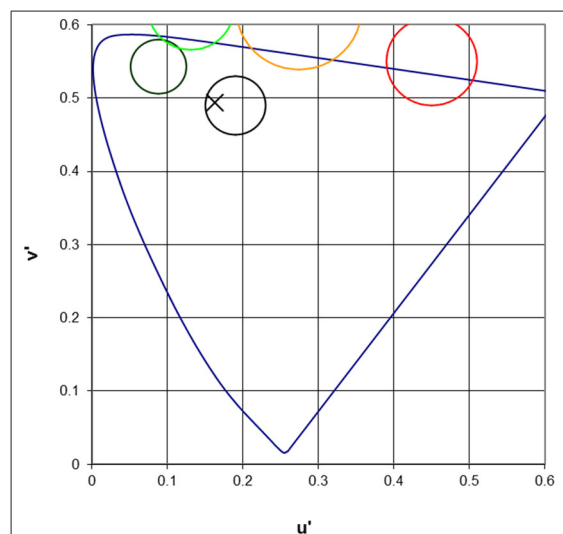
Indicative performance figures below are quoted for CTL-R197 in combination with a typical white LED of colour temperature 5130K.

NVIS Radiance @ 0.1fL		Green/Red Ratio I3(W)	Chromaticity		Photopic Transmission
NR _A	NR _B		u'	v'	
5.01E-10	1.10E-10	381	.164	.497	34%

Spectral Transmission



Chromaticity Coordinates (CIE 1976)



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