



Consolite Technology Data Sheet

Material Ref: CTL-R093

Function: NVIS Yellow Class B Polymer Filter, Yellow LED Source

Description

The filter material provides full Class B compliance with MIL-STD-3009 for both NVIS Radiance and chromaticity when used with a suitable yellow LED source, typically $\lambda_{\text{DOM}} = 588\text{nm}$.

Applications include indicator and caution lights.

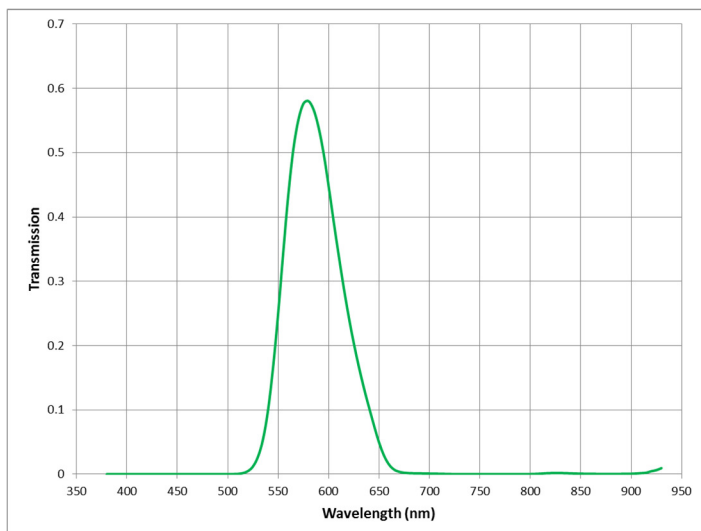
Nominal thickness: 1.0 (-0.13/+0.25) mm.

Performance

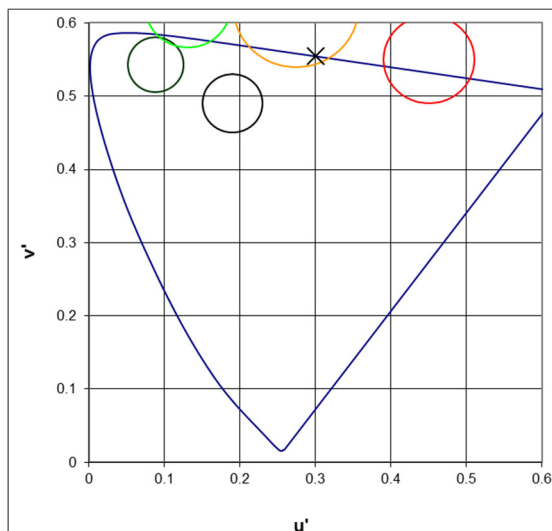
Indicative performance figures below are quoted for CTL-R093 in combination with a typical yellow LED of dominant wavelength 588nm.

NVIS Radiance @ 15fL		Chromaticity		Photopic Transmission
NR _A	NR _B	u'	v'	
N/A	< 1.4E-7	.30	.56	48%

Spectral Transmission



Chromaticity Coordinates (CIE 1976)



Consolite Technology Limited, St. Martins Business Park, Bells Lane, Zeals, Wiltshire, BA12 6LY, UK

Tel: +44 (0)1747 840900

Fax: +44 (0)1747 841500

e-mail: sales@consolite.co.uk

Web: www.consolite.co.uk

Issue: 1