

Consolite Technology Data Sheet

Material Ref: CTL-R183

Function: NVIS Green A Polymer Filter, Green LED Source

Description

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

Applications include indicator and caution lights.

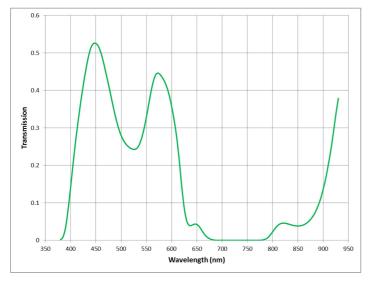
Nominal thickness: 1.0mm

Performance

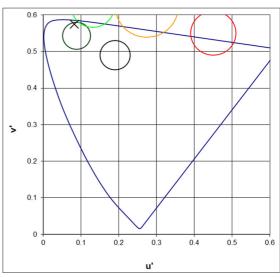
Indicative performance figures below are quoted in combination for CTL-R183 with a typical green LED of dominant wavelength 532nm.

| NVIS Radiance @ 0.1fL | | Green/Red | Chromaticity | | Photopic |
|-----------------------|-----------------|-------------|--------------|------|--------------|
| NRA | NR _B | Ratio I3(W) | u' | v' | Transmission |
| 7.13E-11 | 8.25E-12 | 274 | .082 | .575 | 28% |

Spectral Transmission



Chromaticity Coordinates (CIE 1976)



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