



Consolite Technology Data Sheet

Material Ref: CTL-R100

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.

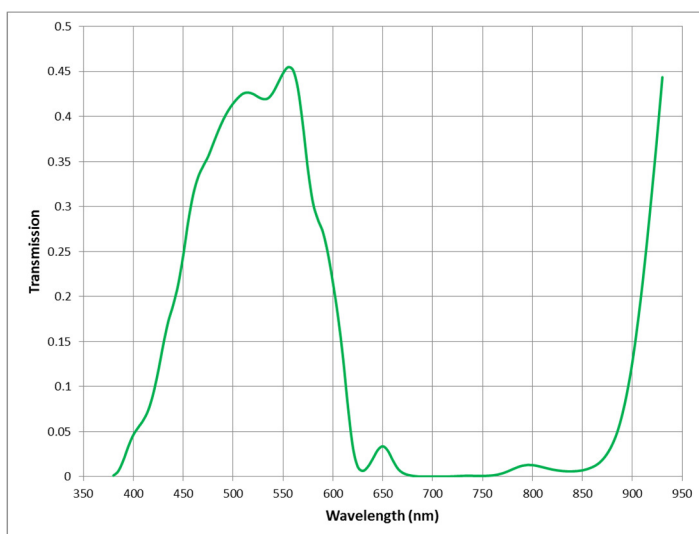
Nominal thickness: 1.0mm

Performance

Indicative performance figures below are quoted for CTL-R100 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' | |
| 9.27E-10 | 3.24E-10 | 166 | .163 | .494 | 34% |

Spectral Transmission



Chromaticity Coordinates (CIE 1976)

