



Consolite Technology Data Sheet

Material Ref: CTL-R292

Function: NVIS Class B Polymer, Green OLED Display

Description

The polymer filter material provides full Class B compliance with MIL-STD-3009 for NVIS Radiance when used with a green OLED display.

With an OLED of specific green chromaticity the output will also comply with chromaticity requirements for NVIS Green A.

Applications include aircraft cockpit, vehicle instrument, naval and land system displays.

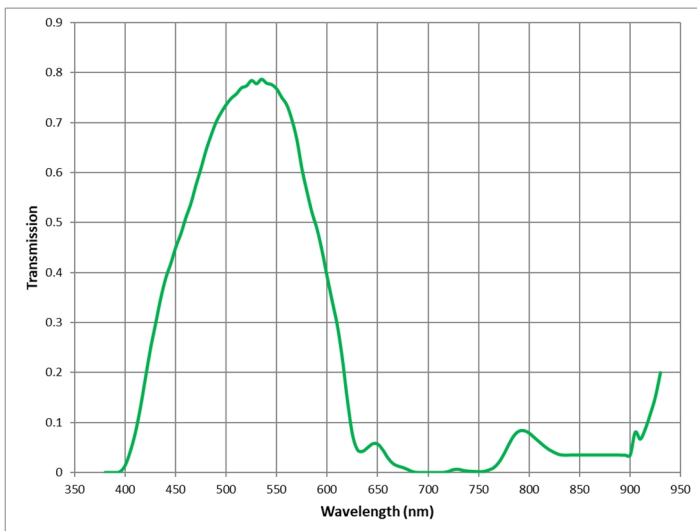
Nominal thickness: 1.0mm

Performance

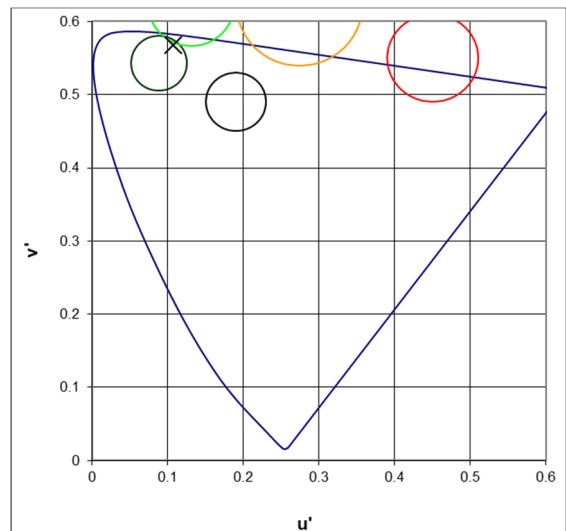
Indicative performance figures below are quoted for CTL-R292 in combination with a typical green OLED display with chromaticity u' .127, v' .563, but may vary.

| NR _A @ 0.1fL | NR _B @ 0.1fL | Chromaticity | | Photopic transmission |
|----------------------------|----------------------------|--------------|------|--------------------------|
| | | u' | v' | |
| N/A | 5.89E-11 | .107 | .568 | 71% |

Spectral Transmission



Chromaticity Coordinates (CIE 1976)



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Issue: 1