

# **Consolite Technology Data Sheet**

Material Ref: CTL-R074

Function: NVIS Green A Polymer Filter, Incandescent Source

#### **Description**

The filter material provides full compliance with MIL-STD-3009 for both NVIS Radiance and chromaticity when used with a suitable filament lamp source, and is optimised for a higher colour temperature.

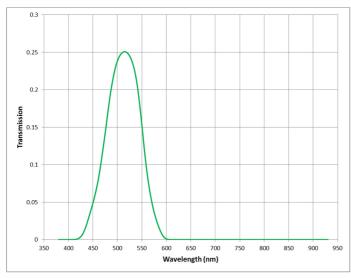
Nominal thickness: 1.0mm

### **Performance**

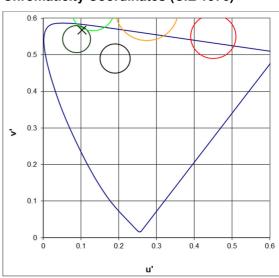
Indicative performance figures below are quoted for CTL-R074 in combination with a typical T1¾ 28V, 40mA lamp operating at 1950K, and may vary.

| NVIS Radiance @ 0.1fL |                 | Green/Red      | Chromaticity |      | Photopic     |
|-----------------------|-----------------|----------------|--------------|------|--------------|
| NRA                   | NR <sub>B</sub> | Ratio<br>I3(W) | u'           | v'   | Transmission |
| 5.83E-11              | 1.25E-11        | 241            | .103         | .567 | 8%           |

### **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: 2