



## Consolite Technology Specification Sheet

**Part No: CTL-R142**

**Part name: Polymer Filter, NVIS Red from Red LED Source**

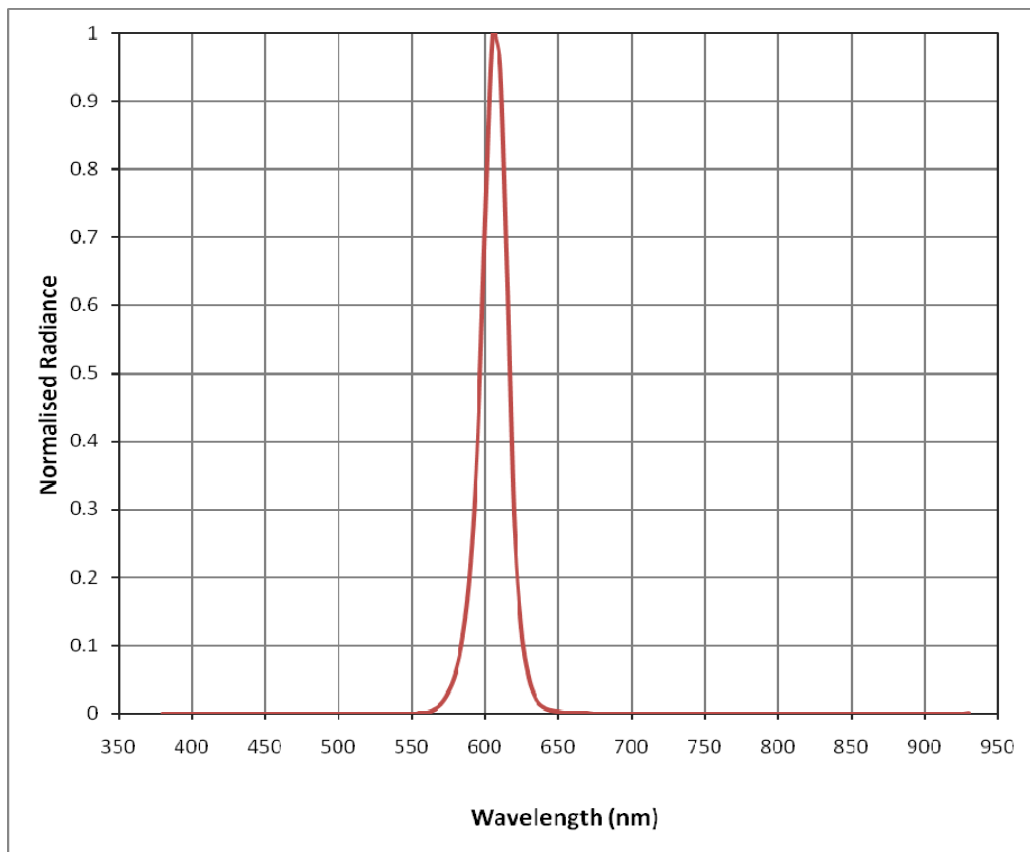
The filter material is of absorption type and achieves the NVIS Radiance and chromaticity requirements of MIL-STD-3009 (Class B) and DO-275 for NVIS Red. It is designed to be used in combination with a red-orange LED of dominant wavelength 605nm. The nominal thickness is 1mm.

Performance figures are quoted for a typical red-orange LED of 605nm dominant wavelength. Exact figures may vary with LED type and wavelength.

### Typical Performance

NR <sub>B</sub> @ 15fL	Chromaticity		Photopic transmission
	u'	v'	
4.8E-8	.424	.537	65%

### Spectral Output with LED



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