



Consolite Technology Data Sheet

Material Ref: CTL-R101

Function: NVIS Polymer, NVG Friendly White LED, Anti-Glare

Description

The polymer filter material provides an NVG friendly output when used with a neutral white LED. Although not fully compliant with MIL-STD-3009 it offers significantly higher transmission levels than other materials such as CTL-R100.

Applications include white LED flood lights where the source is not in direct view, and it is suitable for use on warship flight deck complying with Def Stan 02-587 Part 3.

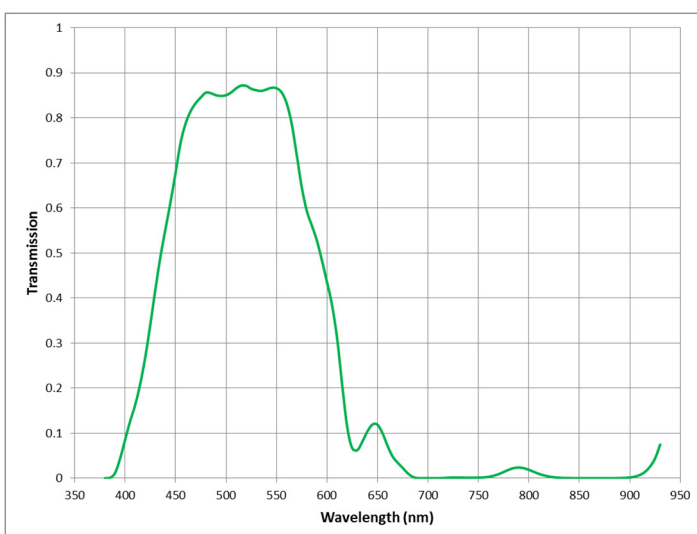
Nominal thickness: 3 mm

CTL-R101 is supplied with an anti-glare finish on one face. Other surface finish options are available.

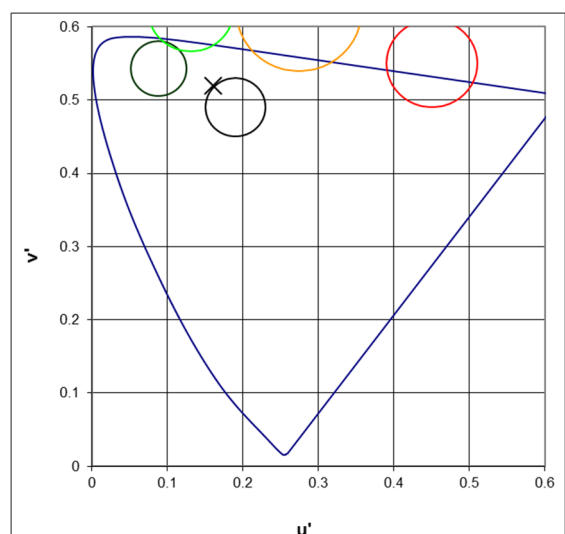
Performance

Indicative performance figures below are quoted for CTL-R101 in combination with a neutral white LED with CCT 4600K.

NVIS Radiance @ 0.1fL		Chromaticity		Photopic transmission
NR _A	NR _B	u'	v'	
1.36E-9	4.51E-10	.160	.520	69%



Chromaticity Coordinates, White (CIE 1976)



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