

# DATA SHEET

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## GAI-40-N

### Applications

Lead-free NVIS Intruder Green A filter glass for Nichia White LED sources.

### Nominal Physical Properties

Thickness (mm)	1.0
Density (g/cm <sup>3</sup> )	3.2
Thermal Expansion Coefficient (ppm/°C)	12
Dilatometric Softening Temperature (°C)	427
Glass Transition Temperature (°C)	398
Refractive Index (n <sub>D</sub> )	1.60

### Available Plate Dimensions

Standard size is 7" x 7".

Also sizes up to 12" x 12" available upon request.

Minimum thickness of 0.2", 0.25", 0.275", 0.3", or 0.45".

### Nominal Optical Properties

Source	Chromaticity CIE 1976		Tolerance Radius	Photopic Transmission	NVIS Radiance <i>Per MIL-STD-3009 @ 0.1 fL Luminance</i>	
	u'	v'	r'	Y%	NR(a)	NR(b)
NSCW007	tbd	tbd	0.01	tbd	tbd	tbd
NSCW100	0.10	0.55	0.01	14.2	$5.5 \times 10^{-11}$	$4.2 \times 10^{-12}$
NSCW455	0.10	0.55	0.01	14.8	$5.4 \times 10^{-11}$	$4.1 \times 10^{-12}$

