

DATA SHEET

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GA-80-N

Applications

Lead-free NVIS green filter glass for Nichia White LED sources.

Nominal Physical Properties

Thickness (mm)	2.0
Density (g/cm ³)	3.1
Thermal Expansion Coefficient (ppm/°C)	12
Dilatometric Softening Temperature (°C)	429
Glass Transition Temperature (°C)	399
Refractive Index (n _D)	1.58

Available Plate Dimensions

Standard size is 7"x7".

Also sizes up to 12"x12" available upon request.

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

Nominal Optical Properties

Source	Chromaticity CIE 1976		Toleranc e 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	0.53	0.01	22.1	6.0×10^{-11}	4.3×10^{-12}
NSCW455	0.15	0.53	0.01	22.7	5.8×10^{-11}	4.3×10^{-12}

