

DATA SHEET

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WB-40-N

Applications

Lead-free NVIS White class B filter glass for white LED sources.

Nominal Physical Properties

Thickness (mm)	1.0
Density (g/cm ³)	3.2
Thermal Expansion Coefficient (ppm/°C)	11
Dilatometric Softening Temperature (°C)	500
Glass Transition Temperature (°C)	449
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 @ 0.5 fL Luminance</i>	
	u'	v'	r'	Y%	NR(a)	NR(b)
2100 K	0.16	0.49	0.01	57.0	n/a	1.8 x 10 ⁻⁹

