

High Refractive Index Glass for Augmented/Mixed Reality

Wide viewing angle and clear vision can be realized with our high refractive index and high transmitting glass.

Features

- High refractive index; n_d is 2.0 or more.
- High transmittance for clear vision

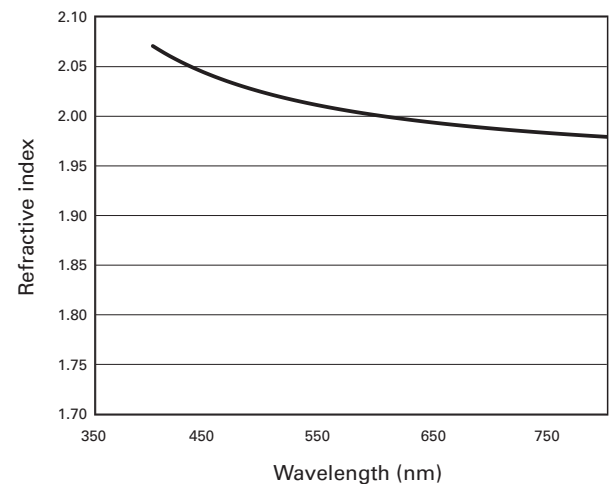


Light guide plate for smart glass

Properties

Properties/Glass Code			Glass D
Refractive index (n_d)			2.0
Abbe's number			29
Internal transmittance	t = 10mm, 500nm	%	98
Density		$\times 10^3 \text{kg/m}^3$	5.1
Coefficient of thermal expansion	30-300°C	ppm/K	8.5
Young's modulus		GPa	123
Knoop hardness Hk			690

Refractive Index



Internal Transmittance

