

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 1.8 or more.
- High transmittance for clear vision

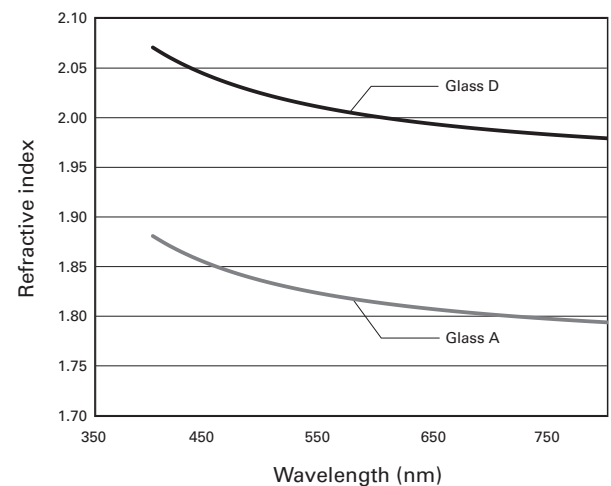


Light guide plate for smart glass

Properties

Properties/Glass Code			Glass D	Glass A		
Refractive index (n_d)			2.0	1.8		
Abbe's number			29	25		
Internal transmittance	t = 10mm, 500nm	%	98	97		
Density			$\times 10^3 \text{kg/m}^3$	5.1	3.3	
Coefficient of thermal expansion			30-300°C	ppm/K	8.5	8.6

Refractive Index



Internal Transmittance

